

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082815.D
 Acq On : 08 Jul 2024 11:34
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/09/2024

Quant Time: Jul 08 13:22:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	159007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	241012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	44843	20.118	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.240%#		
35) Dibromofluoromethane	8.165	113	34532	20.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.220%#		
50) Toluene-d8	10.571	98	126378	19.926	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.860%#		
62) 4-Bromofluorobenzene	12.847	95	45541	19.989	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	39.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35772	17.377	ug/l	99
3) Chloromethane	2.360	50	34794	17.822	ug/l	93
4) Vinyl Chloride	2.512	62	39204	19.121	ug/l	98
5) Bromomethane	2.942	94	29103	19.687	ug/l	98
6) Chloroethane	3.112	64	27048	19.277	ug/l	94
7) Trichlorofluoromethane	3.489	101	54177	18.371	ug/l	96
8) Diethyl Ether	3.965	74	19474	19.295	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	31417	18.823	ug/l	98
10) Methyl Iodide	4.583	142	30653	17.913	ug/l	93
11) Tert butyl alcohol	5.524	59	36701	97.896	ug/l	96
12) 1,1-Dichloroethene	4.330	96	30062	18.520	ug/l #	80
13) Acrolein	4.177	56	25388	93.798	ug/l	97
14) Allyl chloride	5.024	41	49734	19.651	ug/l	91
15) Acrylonitrile	5.718	53	84251	97.787	ug/l	99
16) Acetone	4.430	43	69999	89.198	ug/l	94
17) Carbon Disulfide	4.712	76	84689	17.460	ug/l	98
18) Methyl Acetate	5.030	43	36819	17.731	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	110099	19.663	ug/l	95
20) Methylene Chloride	5.277	84	35314	18.633	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	34060	19.366	ug/l	86
22) Diisopropyl ether	6.677	45	106056	20.030	ug/l	97
23) Vinyl Acetate	6.606	43	425025	101.080	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	63543	19.785	ug/l	97
25) 2-Butanone	7.483	43	117674	99.308	ug/l #	90
26) 2,2-Dichloropropane	7.489	77	60874	20.385	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	39763	19.311	ug/l	92
28) Bromochloromethane	7.812	49	26971	19.575	ug/l #	78
29) Tetrahydrofuran	7.841	42	74830	100.310	ug/l #	86
30) Chloroform	7.965	83	65971	19.362	ug/l	99
31) Cyclohexane	8.253	56	56951	19.543	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	62884	19.878	ug/l	96
36) 1,1-Dichloropropene	8.371	75	47023	19.861	ug/l	98
37) Ethyl Acetate	7.559	43	44783	18.579	ug/l #	94
38) Carbon Tetrachloride	8.365	117	55714	19.544	ug/l	98
39) Methylcyclohexane	9.600	83	49844	19.490	ug/l	93
40) Benzene	8.606	78	141624	19.446	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26613	20.494	ug/l	96
42) 1,2-Dichloroethane	8.677	62	52120	19.879	ug/l	99
43) Isopropyl Acetate	8.688	43	102312	20.889	ug/l	98
44) Trichloroethene	9.353	130	37261	19.970	ug/l	93
45) 1,2-Dichloropropane	9.624	63	34621	20.362	ug/l	98
46) Dibromomethane	9.712	93	25968	19.605	ug/l	97
47) Bromodichloromethane	9.888	83	53763	19.644	ug/l	99
48) Methyl methacrylate	9.683	41	37663	19.927	ug/l #	88
49) 1,4-Dioxane	9.700	88	16625	405.531	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	240308	100.562	ug/l	93
52) Toluene	10.630	92	91596	20.134	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	56950	20.199	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	58926	19.745	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	34086	20.375	ug/l	97
56) Ethyl methacrylate	10.877	69	53736	20.647	ug/l	88
57) 1,3-Dichloropropane	11.165	76	57819	19.525	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	134913	101.020	ug/l	94
59) 2-Hexanone	11.200	43	184214	103.685	ug/l	92
60) Dibromochloromethane	11.359	129	42676	20.029	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36253	20.406	ug/l	100
64) Tetrachloroethene	11.106	164	35092	19.516	ug/l	98
65) Chlorobenzene	11.894	112	102037	19.757	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	36936	20.107	ug/l	99
67) Ethyl Benzene	11.965	91	171823	19.795	ug/l	96
68) m/p-Xylenes	12.077	106	133538	40.750	ug/l	97
69) o-Xylene	12.400	106	65258	20.783	ug/l	95
70) Styrene	12.412	104	106102	20.451	ug/l	100
71) Bromoform	12.582	173	29766	20.604	ug/l #	99
73) Isopropylbenzene	12.694	105	166182	20.694	ug/l	98
74) N-amyl acetate	12.494	43	69100	20.803	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	48149	20.020	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38689m	17.698	ug/l	
77) Bromobenzene	12.982	156	41591	20.076	ug/l	93
78) n-propylbenzene	13.035	91	188334	20.398	ug/l	99
79) 2-Chlorotoluene	13.129	91	117405	19.957	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	135106	20.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19473	20.101	ug/l	97
82) 4-Chlorotoluene	13.224	91	116588	20.022	ug/l	97
83) tert-Butylbenzene	13.441	119	117887	20.486	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	138273	20.900	ug/l	100
85) sec-Butylbenzene	13.618	105	160246	20.607	ug/l	99
86) p-Isopropyltoluene	13.729	119	132739	20.459	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	73937	19.756	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	74739	19.901	ug/l	98
89) n-Butylbenzene	14.059	91	115371	20.756	ug/l	100
90) Hexachloroethane	14.335	117	27232	19.836	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	72440	19.936	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11044	19.849	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	39420	20.140	ug/l	99
94) Hexachlorobutadiene	15.500	225	17310	19.950	ug/l	98
95) Naphthalene	15.641	128	134862	20.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39984	19.868	ug/l	98

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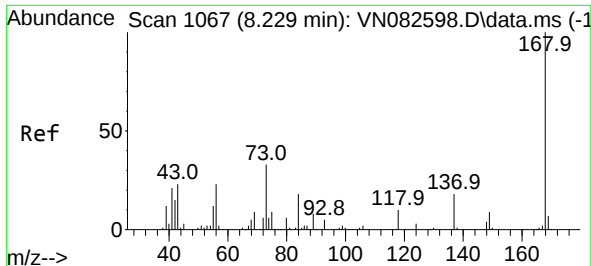
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/09/2024

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



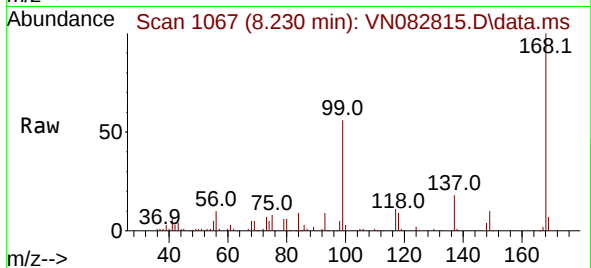
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

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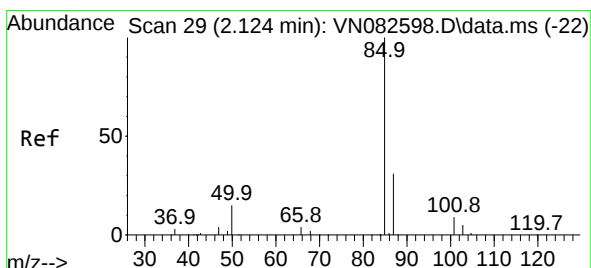
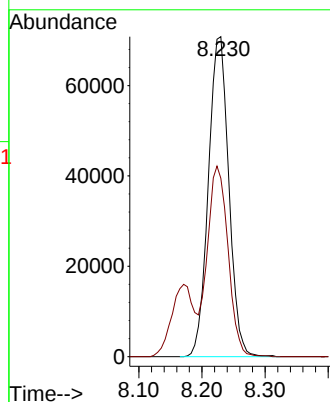
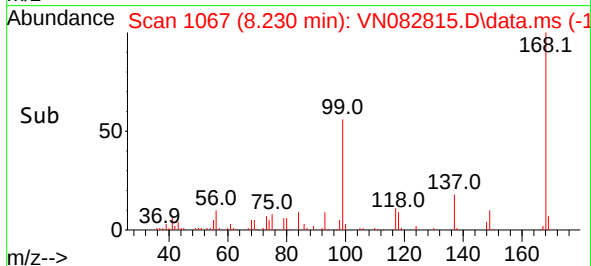
Tgt Ion:168 Resp: 15900
Ion Ratio Lower Upper
168 100
99 55.7 48.2 72.4

Manual Integrations

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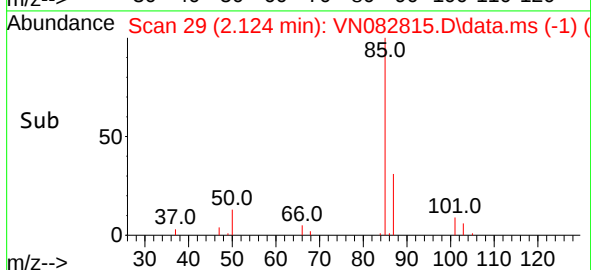
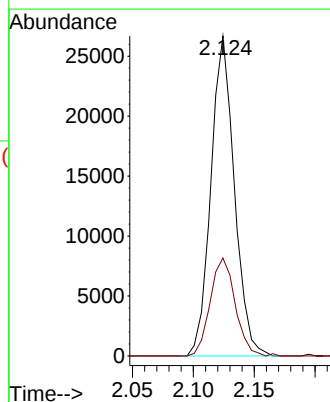
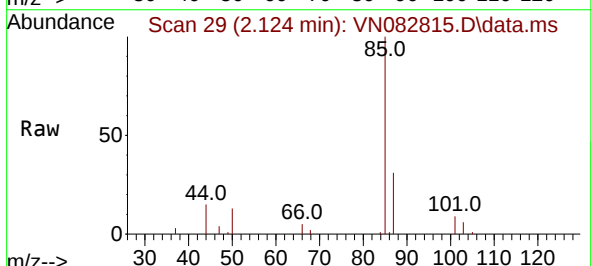
Reviewed By :John Carlone 07/08/2024

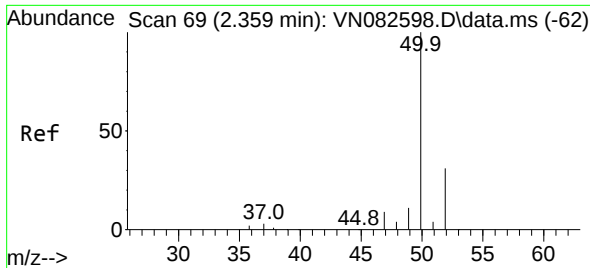
Supervised By :Mahesh Dadoda 07/09/2024



#2
Dichlorodifluoromethane
Concen: 17.377 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 85 Resp: 35772
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0





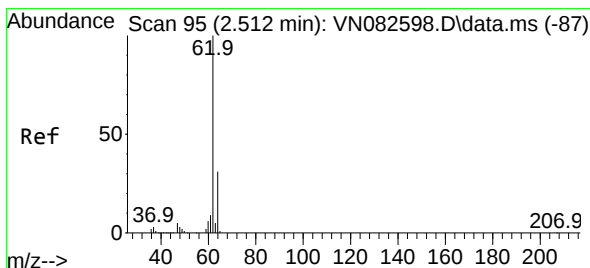
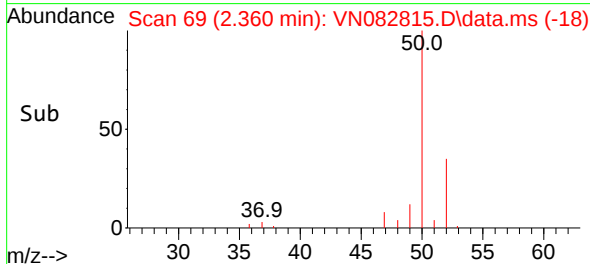
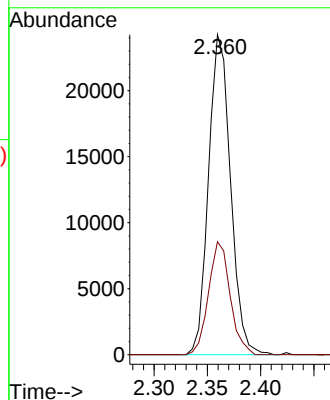
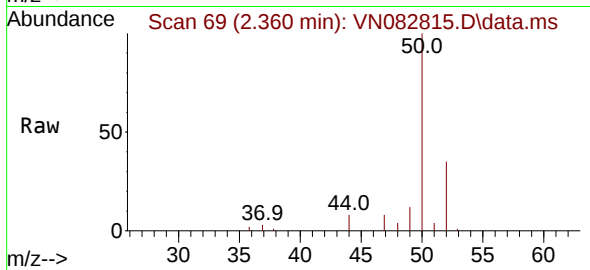
#3
Chloromethane
Concen: 17.822 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 50 Resp: 34794
Ion Ratio Lower Upper
50 100
52 35.3 25.0 37.4

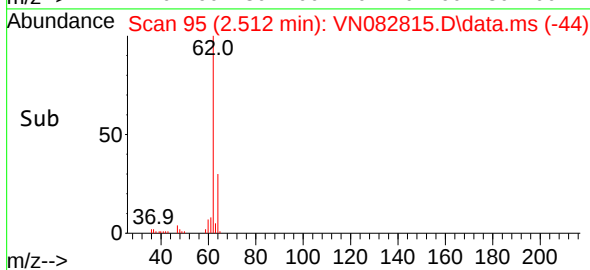
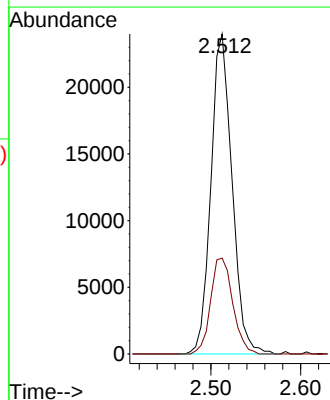
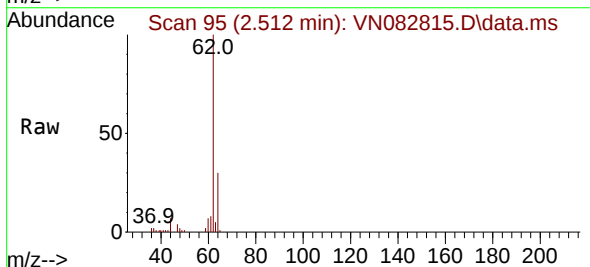
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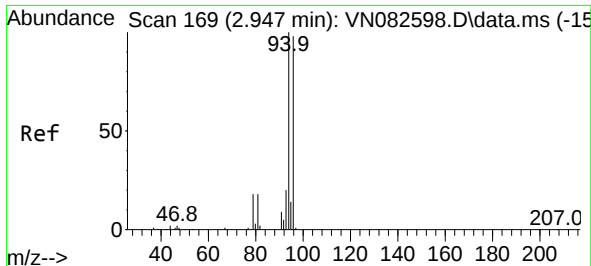
Reviewed By :John Carlone 07/08/2024
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#4
Vinyl Chloride
Concen: 19.121 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

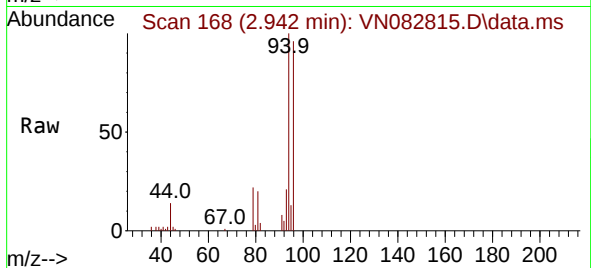
Tgt Ion: 62 Resp: 39204
Ion Ratio Lower Upper
62 100
64 30.0 25.0 37.6





#5
Bromomethane
Concen: 19.687 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

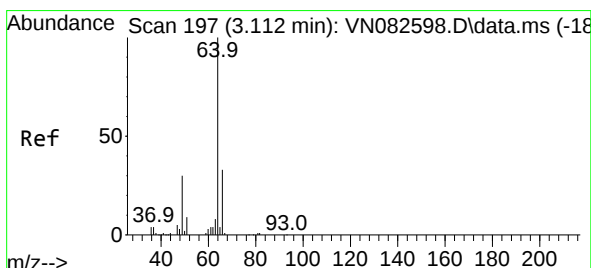
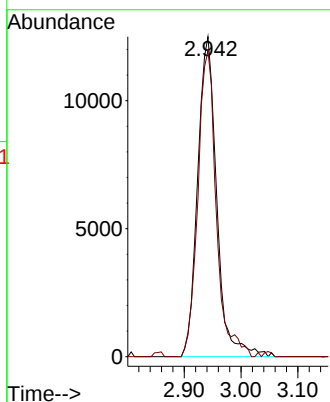
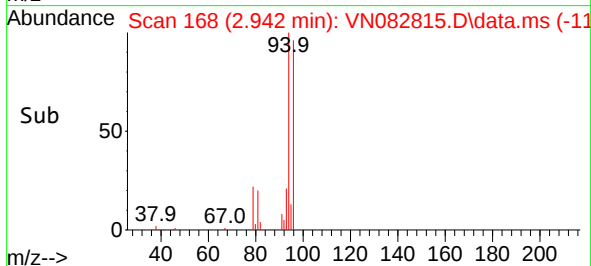
Instrument :
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Tgt Ion: 94 Resp: 2910
Ion Ratio Lower Upper
94 100
96 95.6 78.0 117.0

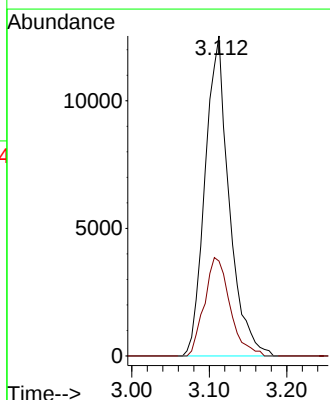
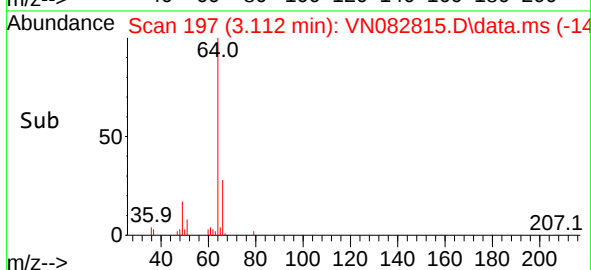
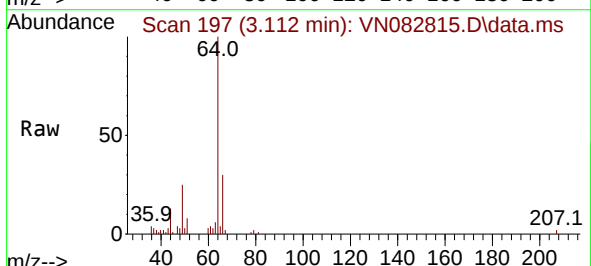
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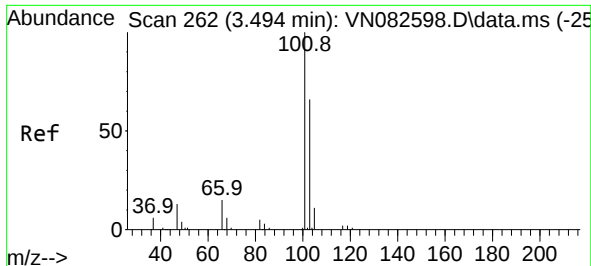
Reviewed By :John Carlone 07/08/2024
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#6
Chloroethane
Concen: 19.277 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 64 Resp: 27048
Ion Ratio Lower Upper
64 100
66 29.7 26.6 40.0





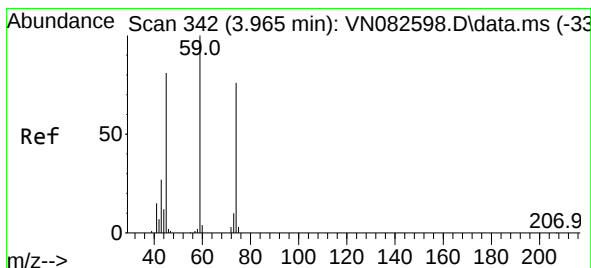
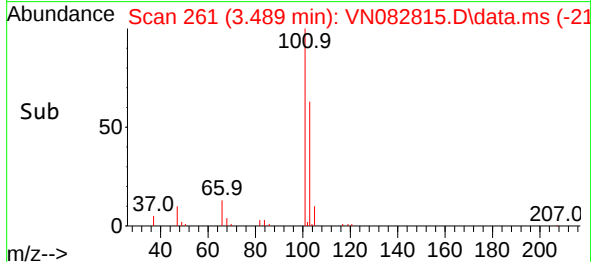
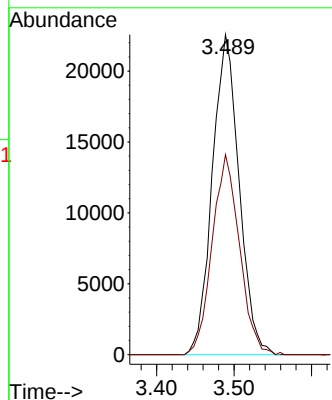
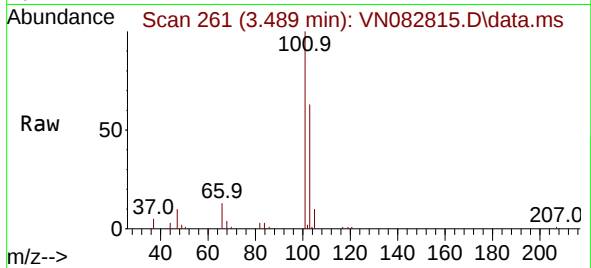
#7
Trichlorofluoromethane
Concen: 18.371 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5417
Ion Ratio Lower Upper
101 100
103 62.5 52.7 79.1

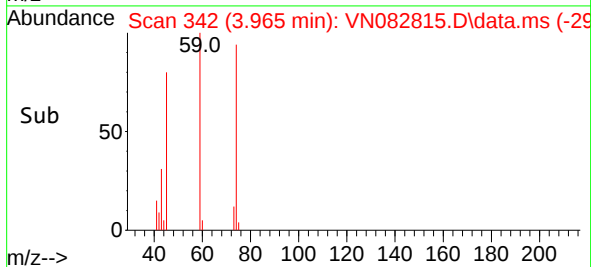
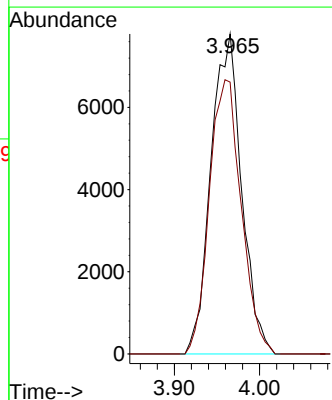
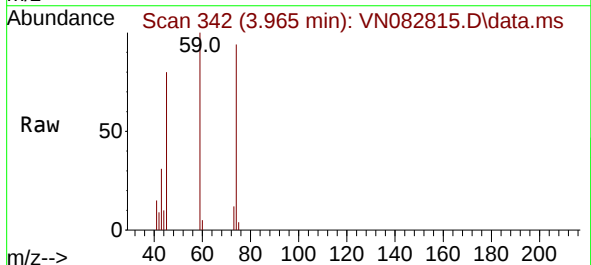
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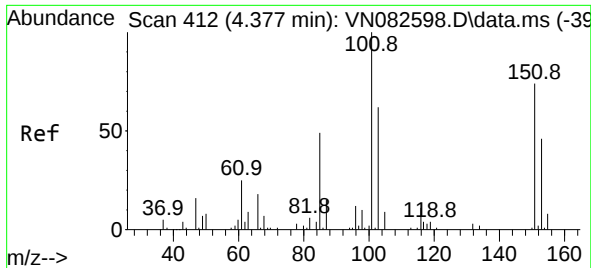
Reviewed By :John Carlone 07/08/2024
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#8
Diethyl Ether
Concen: 19.295 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 74 Resp: 19474
Ion Ratio Lower Upper
74 100
45 88.9 55.5 166.3





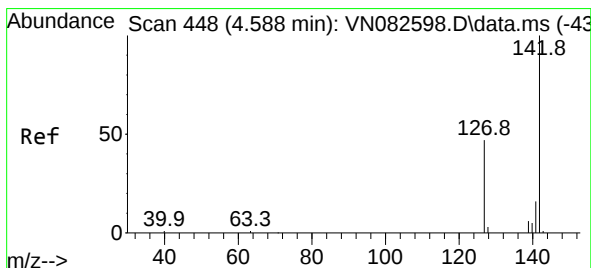
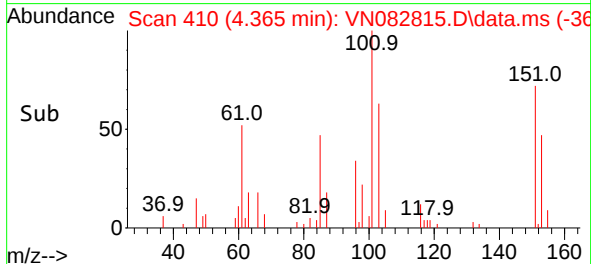
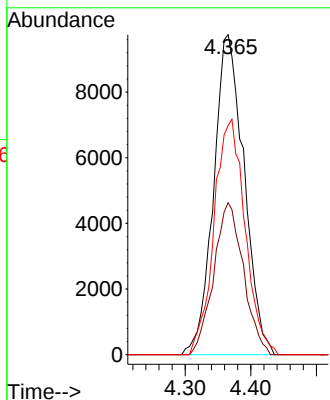
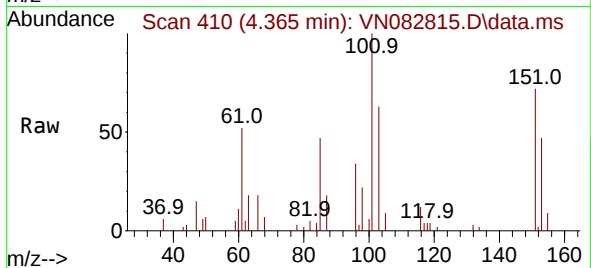
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.823 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3141
Ion Ratio Lower Upper
101 100
85 46.3 38.3 57.5
151 75.1 59.3 88.9

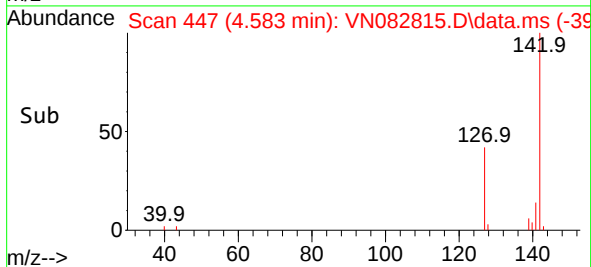
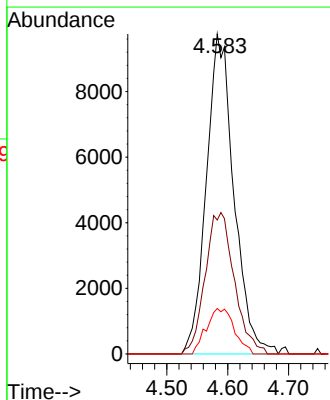
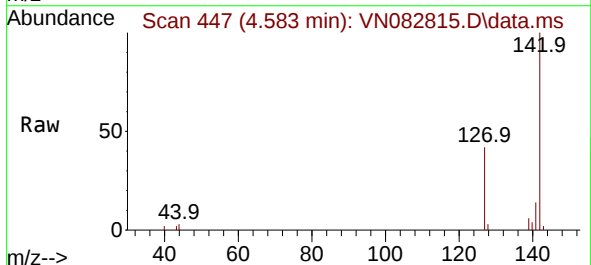
Manual Integrations
APPROVED

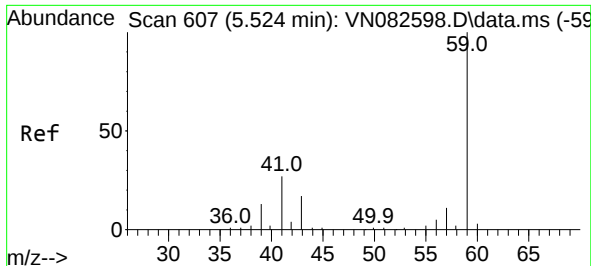
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#10
Methyl Iodide
Concen: 17.913 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

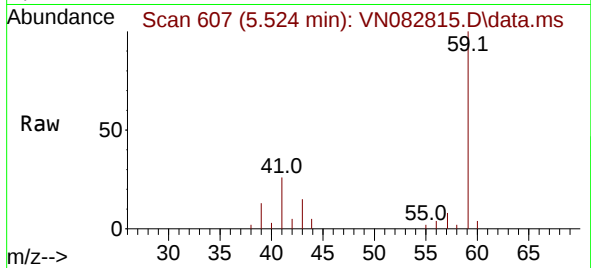
Tgt Ion:142 Resp: 30653
Ion Ratio Lower Upper
142 100
127 41.9 37.5 56.3
141 14.2 13.1 19.7





#11
Tert butyl alcohol
Concen: 97.896 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

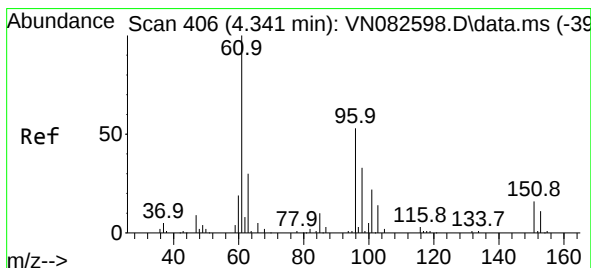
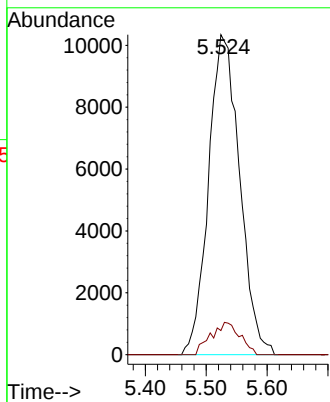
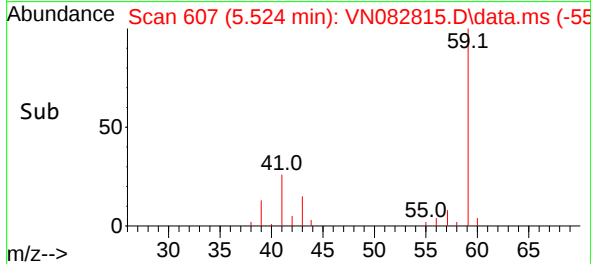
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



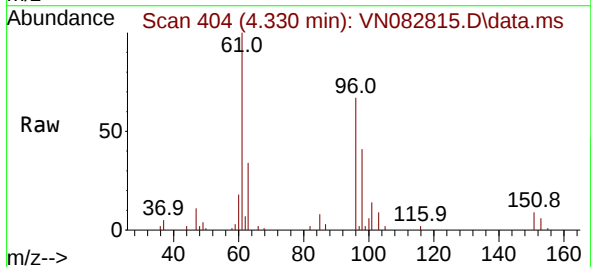
Tgt Ion: 59 Resp: 3670
Ion Ratio Lower Upper
59 100
57 9.4 8.9 13.3

Manual Integrations
APPROVED

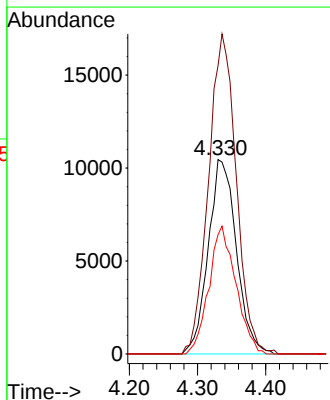
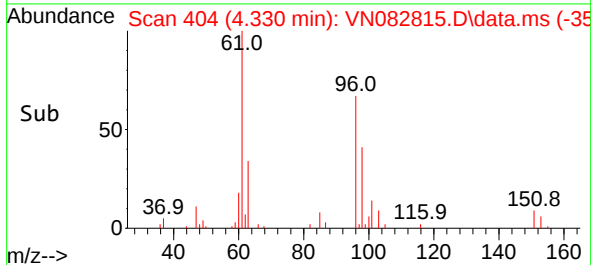
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

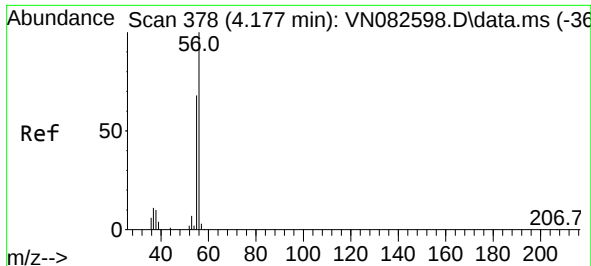


#12
1,1-Dichloroethene
Concen: 18.520 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.011 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34



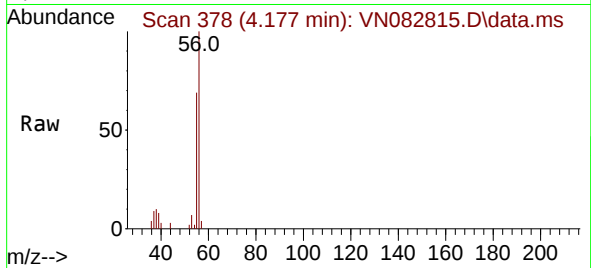
Tgt Ion: 96 Resp: 30062
Ion Ratio Lower Upper
96 100
61 148.3 149.7 224.5#
98 61.3 50.1 75.1





#13
Acrolein
Concen: 93.798 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

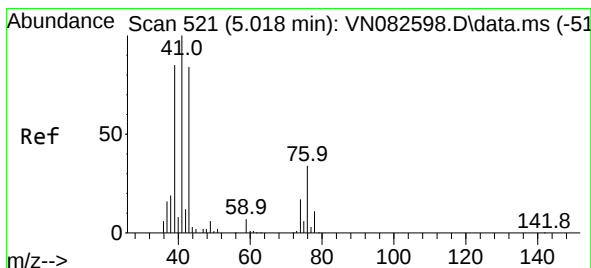
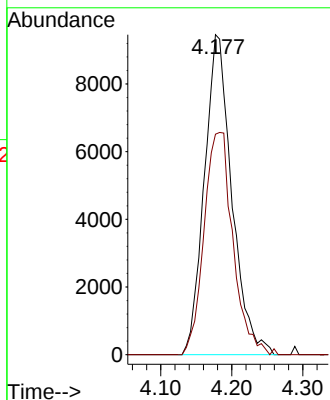
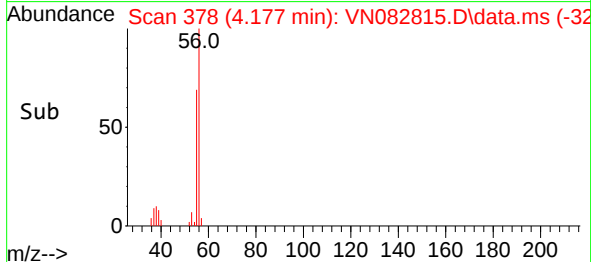
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 2538
Ion Ratio Lower Upper
56 100
55 73.1 56.4 84.6

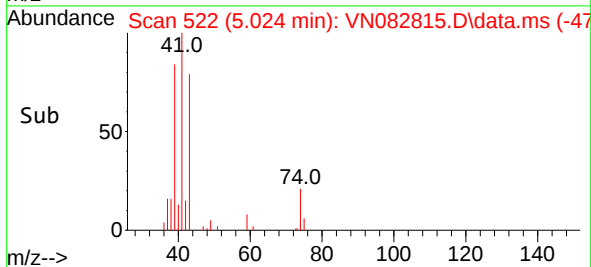
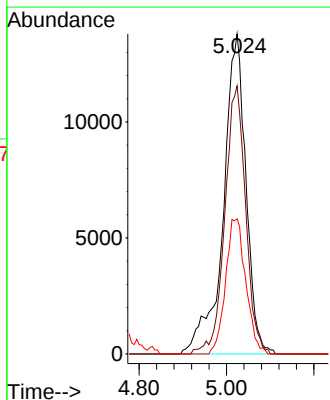
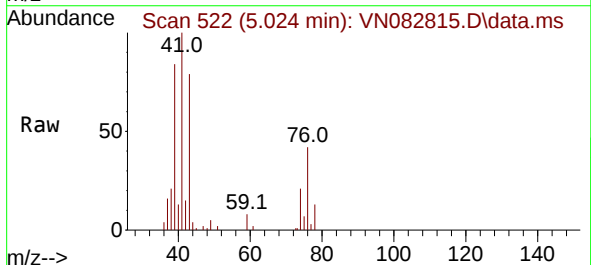
Manual Integrations
APPROVED

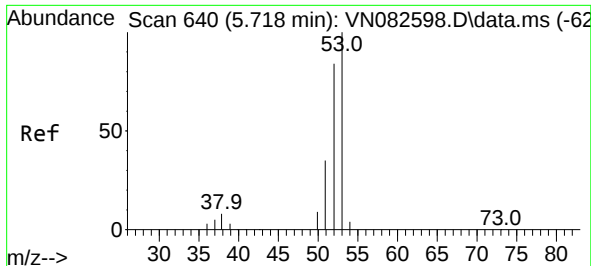
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#14
Allyl chloride
Concen: 19.651 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

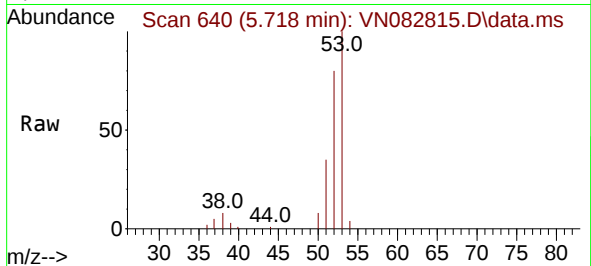
Tgt Ion: 41 Resp: 49734
Ion Ratio Lower Upper
41 100
39 76.6 67.8 101.6
76 37.6 25.8 38.8





#15
Acrylonitrile
Concen: 97.787 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

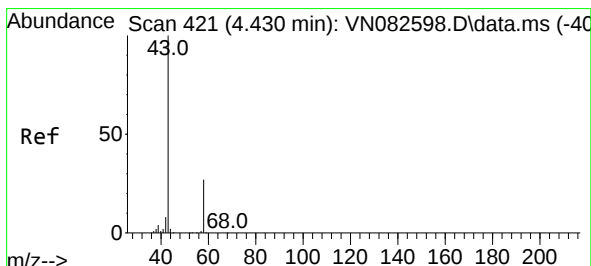
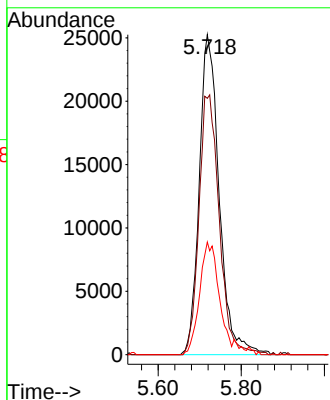
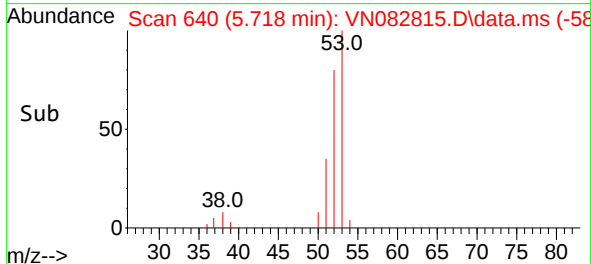
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 8425
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 35.8 30.1 45.1

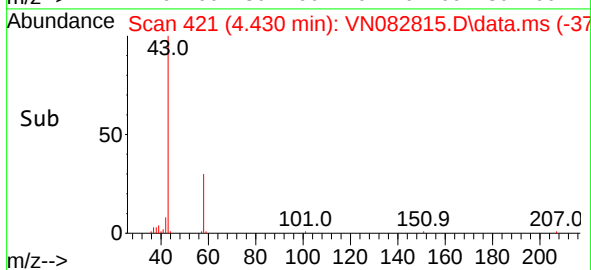
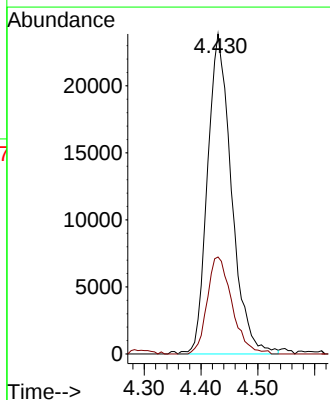
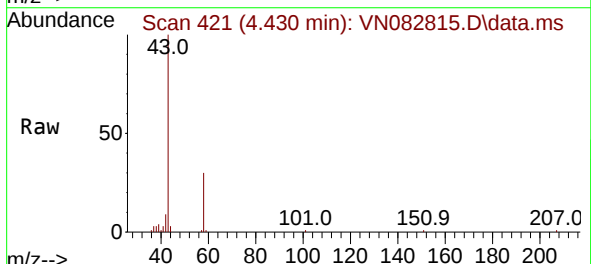
Manual Integrations
APPROVED

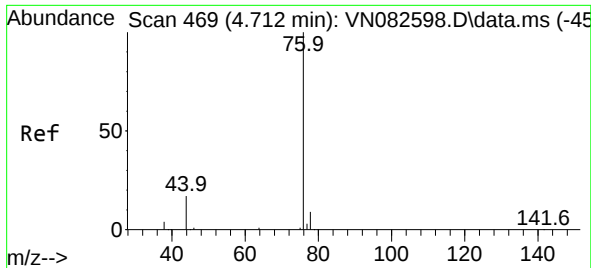
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#16
Acetone
Concen: 89.198 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 43 Resp: 69999
Ion Ratio Lower Upper
43 100
58 30.3 21.8 32.6





#17

Carbon Disulfide

Concen: 17.460 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 84689

Ion Ratio Lower Upper

76 100

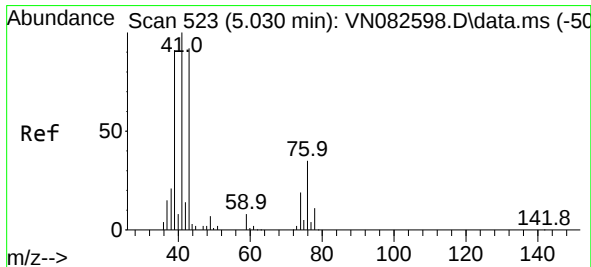
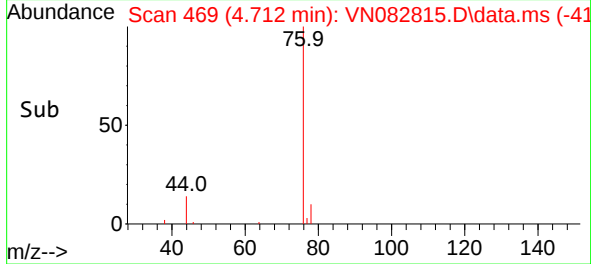
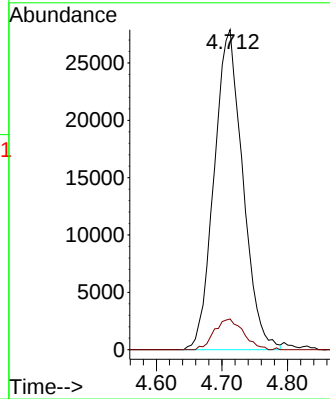
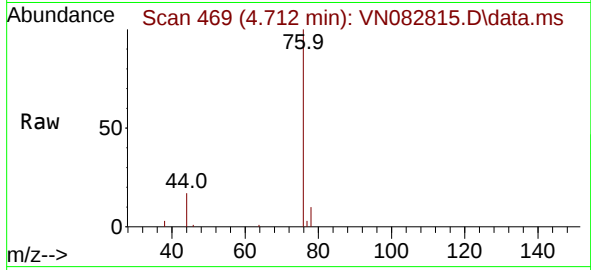
78 9.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#18

Methyl Acetate

Concen: 17.731 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN082815.D

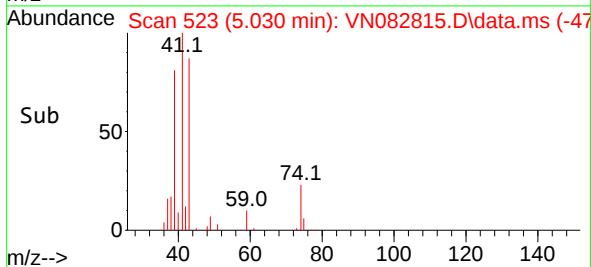
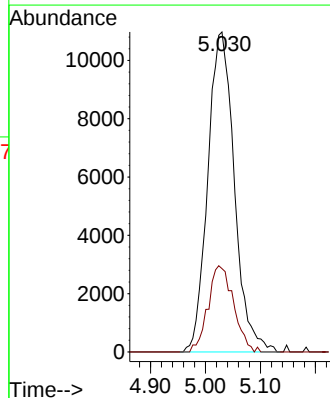
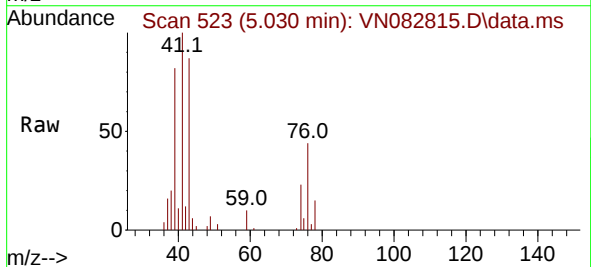
Acq: 08 Jul 2024 11:34

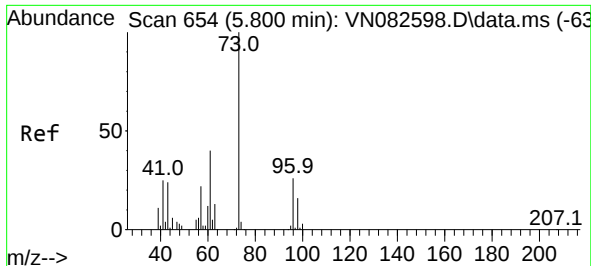
Tgt Ion: 43 Resp: 36819

Ion Ratio Lower Upper

43 100

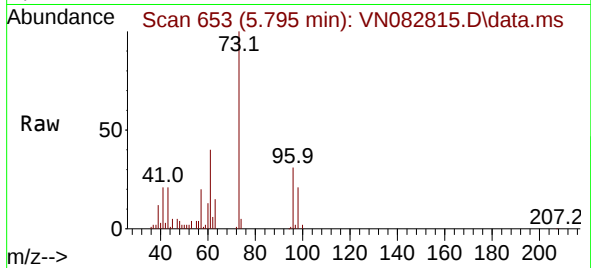
74 25.9 16.3 24.5#





#19
Methyl tert-butyl Ether
Concen: 19.663 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

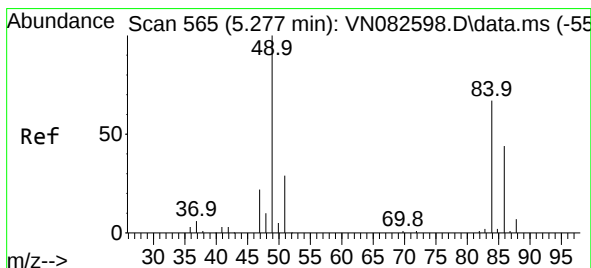
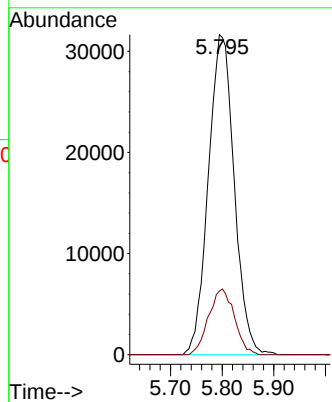
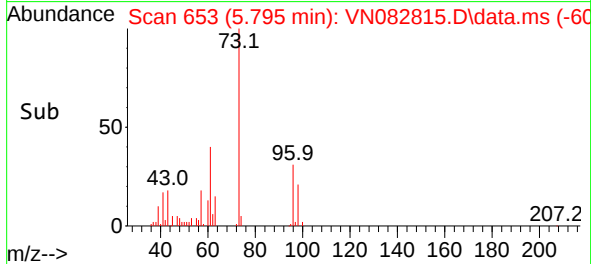
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 110095
Ion Ratio Lower Upper
73 100
57 19.8 17.9 26.9

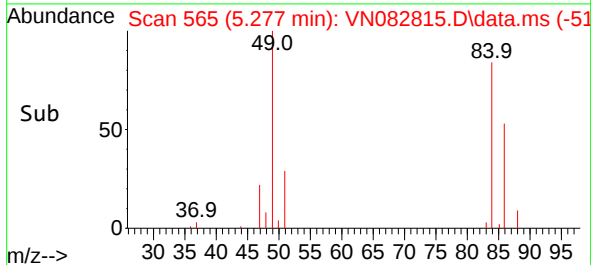
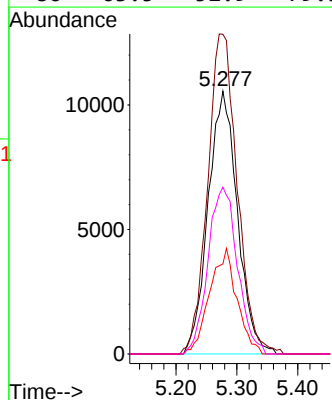
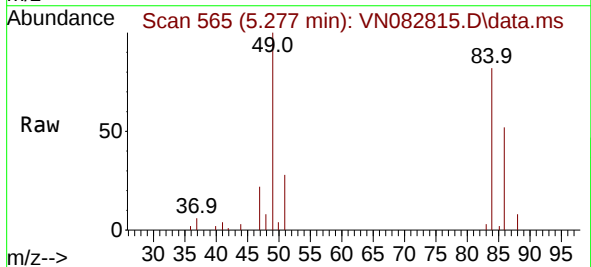
Manual Integrations
APPROVED

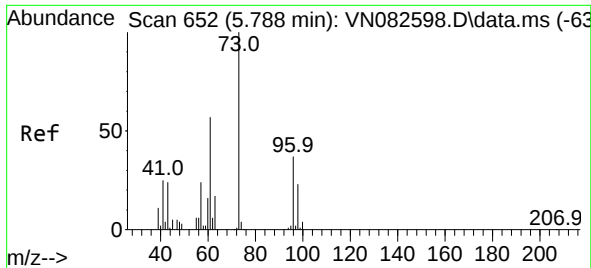
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#20
Methylene Chloride
Concen: 18.633 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

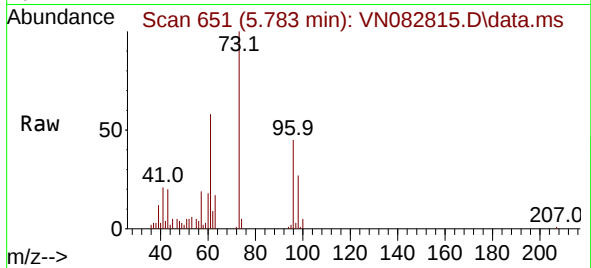
Tgt Ion: 84 Resp: 35314
Ion Ratio Lower Upper
84 100
49 121.7 119.6 179.4
51 34.3 34.8 52.2#
86 63.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.366 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

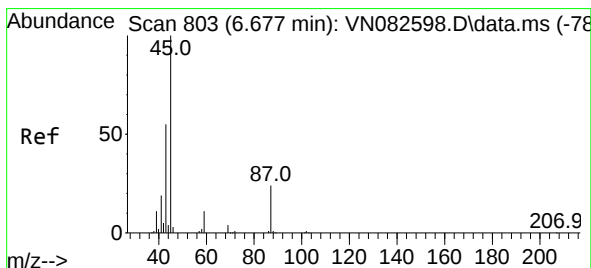
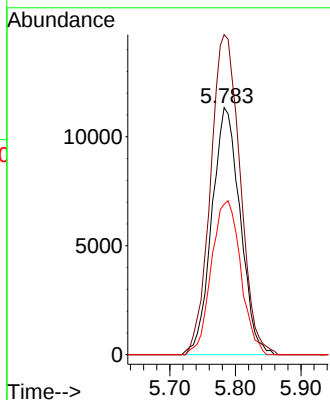
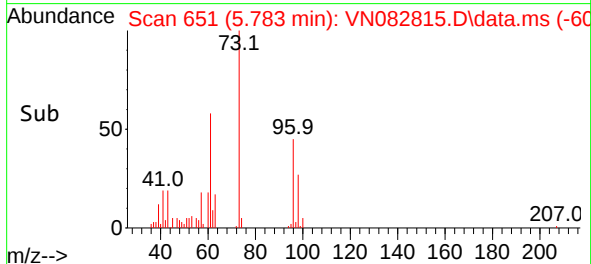
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 34060
Ion Ratio Lower Upper
96 100
61 129.6 123.4 185.2
98 60.9 49.3 73.9

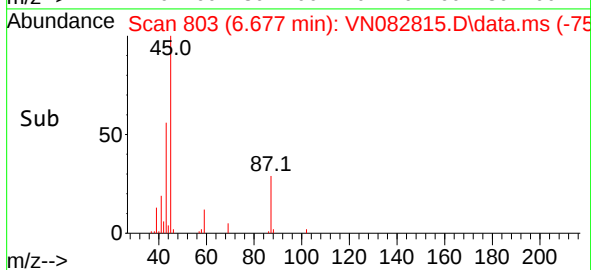
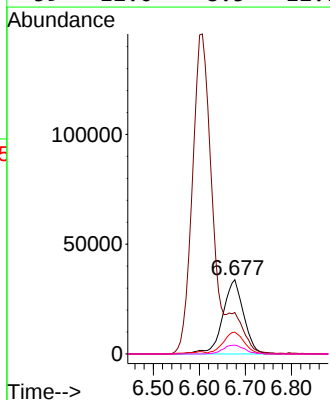
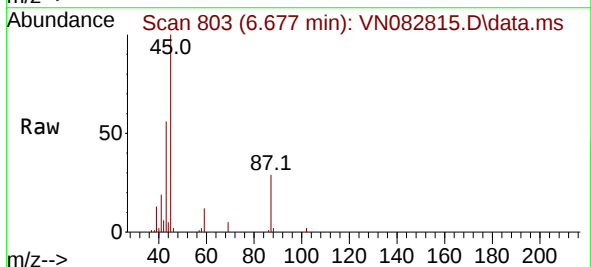
Manual Integrations
APPROVED

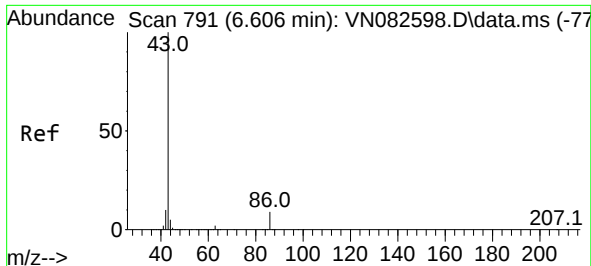
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#22
Diisopropyl ether
Concen: 20.030 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

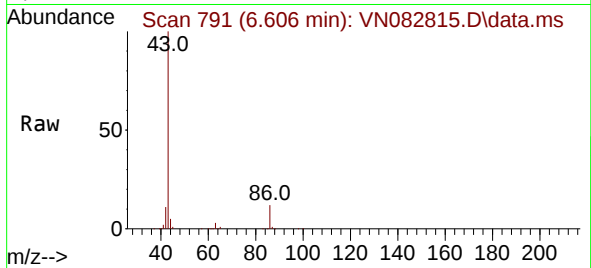
Tgt Ion: 45 Resp: 106056
Ion Ratio Lower Upper
45 100
43 55.0 44.0 66.0
87 29.3 19.7 29.5
59 12.0 8.5 12.7





#23
 Vinyl Acetate
 Concen: 101.080 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

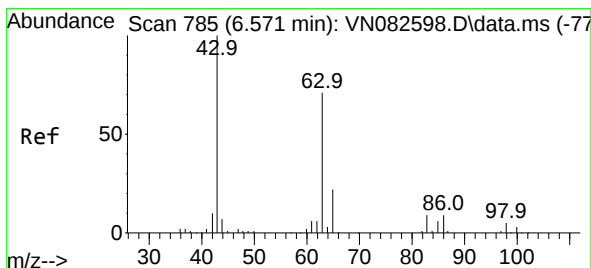
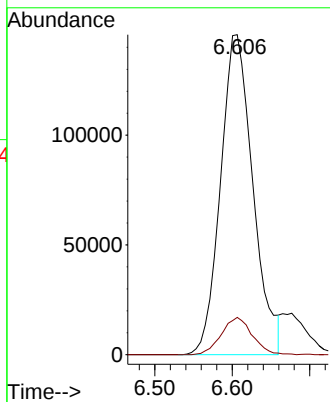
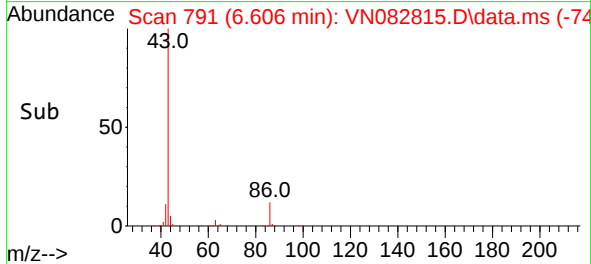
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



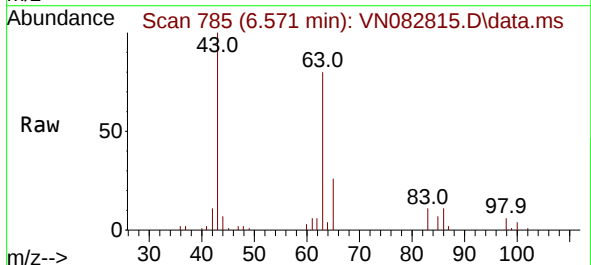
Tgt Ion: 43 Resp: 425025
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.3 10.9

Manual Integrations
 APPROVED

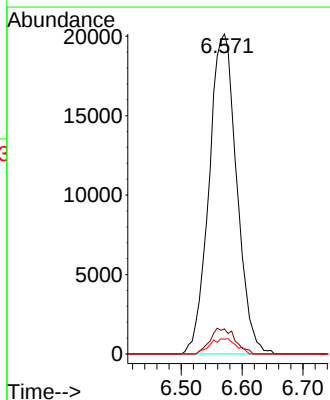
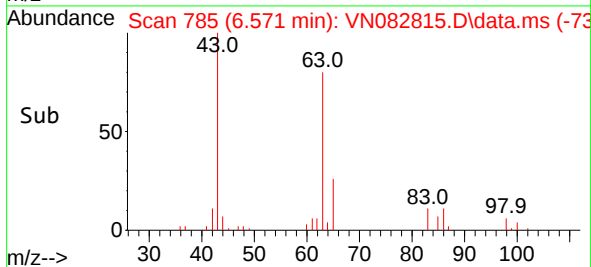
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024

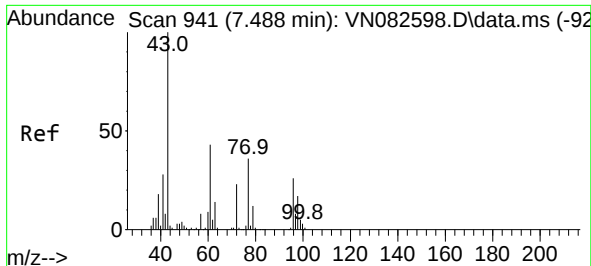


#24
 1,1-Dichloroethane
 Concen: 19.785 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34



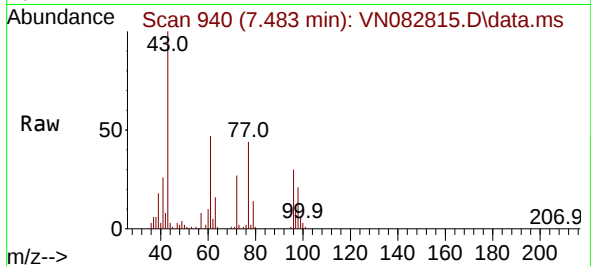
Tgt Ion: 63 Resp: 63543
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.9
 100 4.6 2.0 6.0





#25
2-Butanone
Concen: 99.308 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

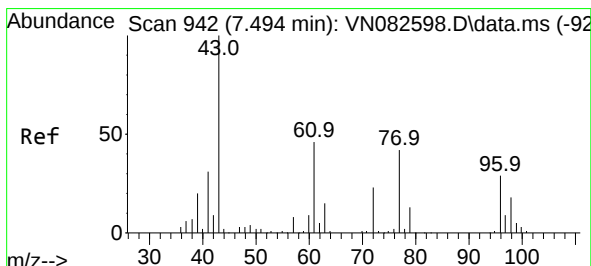
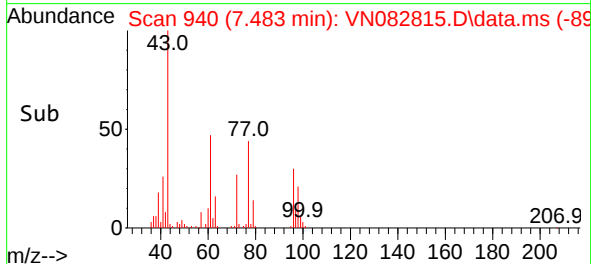
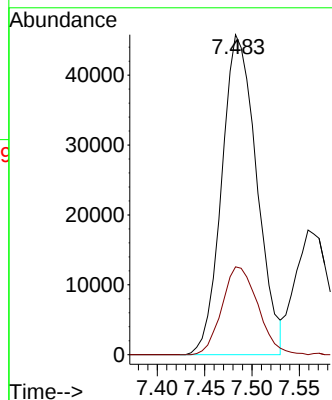
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 117674
Ion Ratio Lower Upper
43 100
72 27.5 18.2 27.2

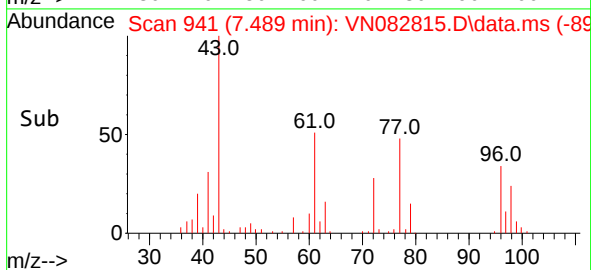
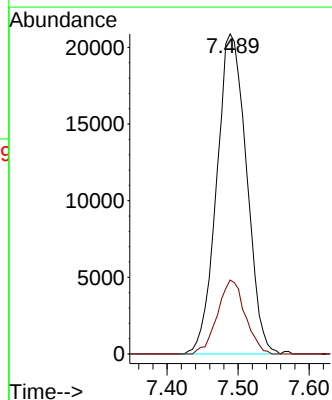
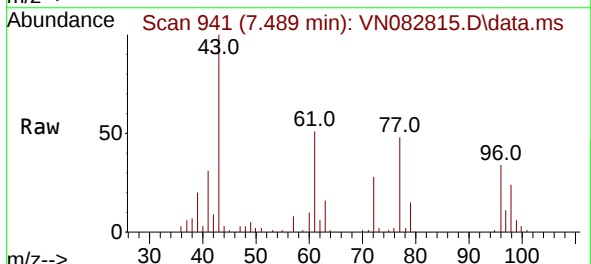
Manual Integrations
APPROVED

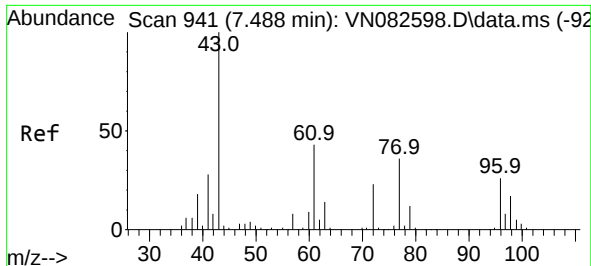
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#26
2,2-Dichloropropane
Concen: 20.385 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 77 Resp: 60874
Ion Ratio Lower Upper
77 100
97 21.5 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.311 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

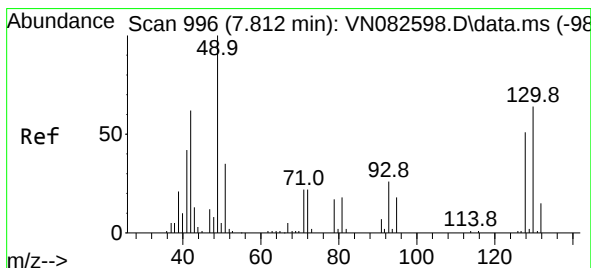
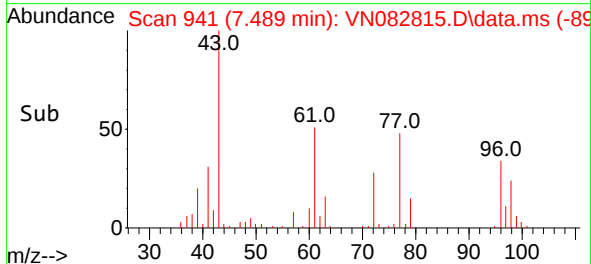
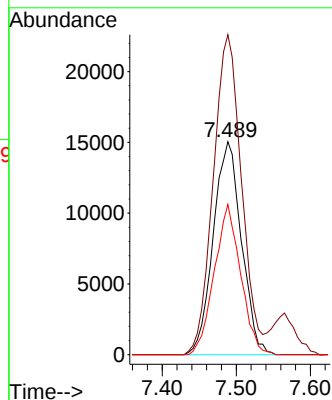
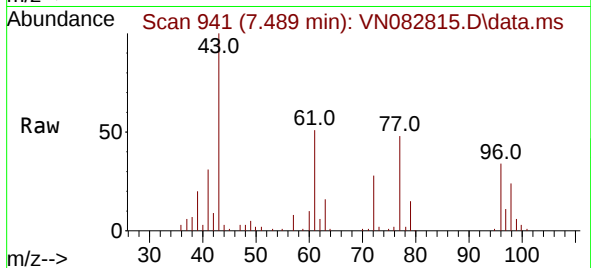
Tgt Ion: 96 Resp: 3976
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 329.6
 98 65.9 0.0 128.6

Manual Integrations

APPROVED

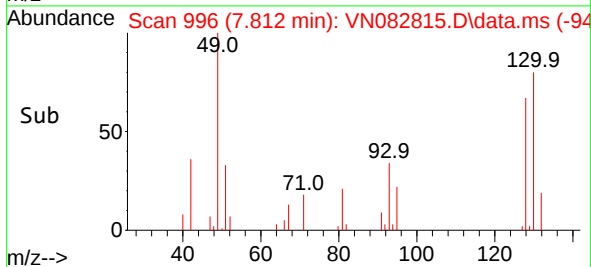
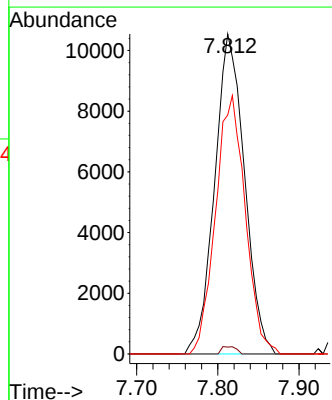
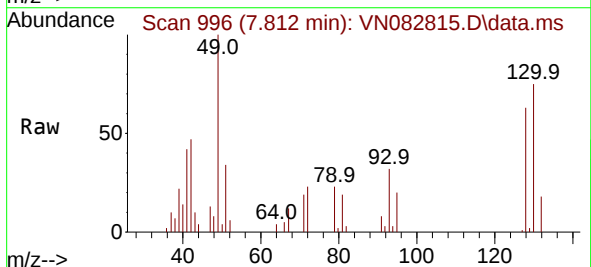
Reviewed By :John Carlone 07/08/2024

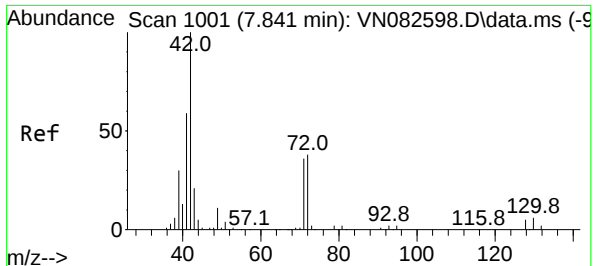
Supervised By :Mahesh Dadoda 07/09/2024



#28
 Bromochloromethane
 Concen: 19.575 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

Tgt Ion: 49 Resp: 26971
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 80.3 50.5 75.7#





#29

Tetrahydrofuran

Concen: 100.310 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 74830

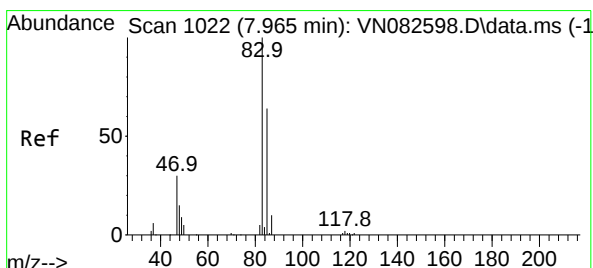
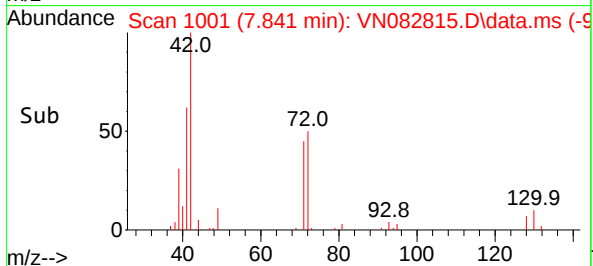
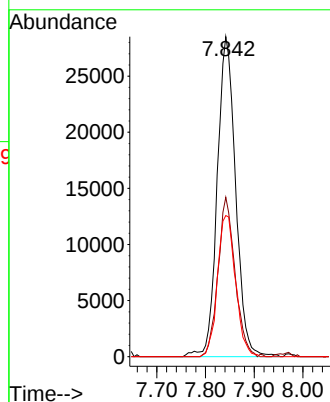
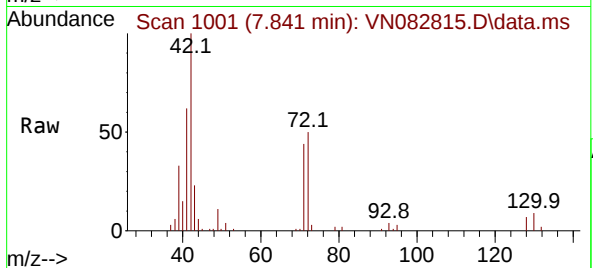
Ion	Ratio	Lower	Upper
42	100		
72	46.0	30.0	45.0
71	43.3	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#30

Chloroform

Concen: 19.362 ug/l

RT: 7.965 min Scan# 1022

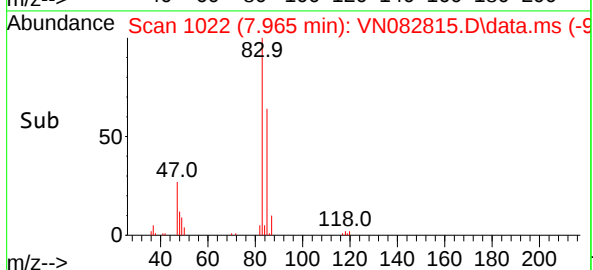
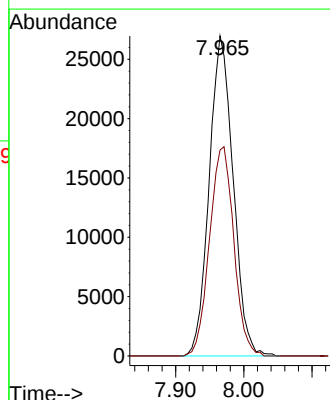
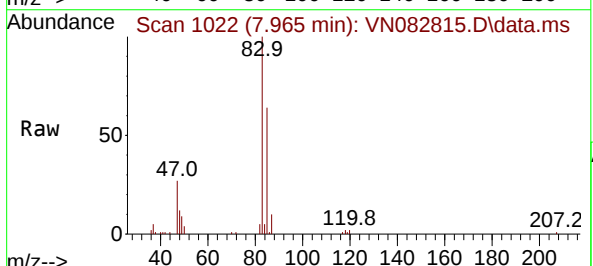
Delta R.T. 0.000 min

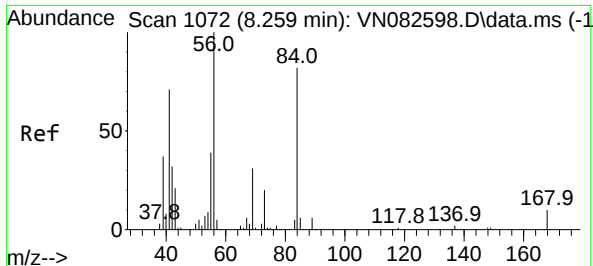
Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Tgt Ion: 83 Resp: 65971

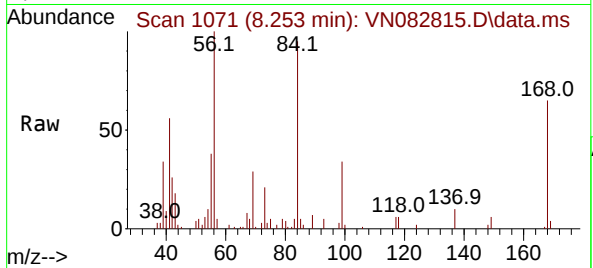
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.9	76.3





#31
Cyclohexane
Concen: 19.543 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

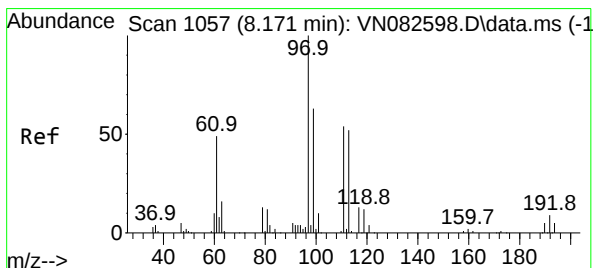
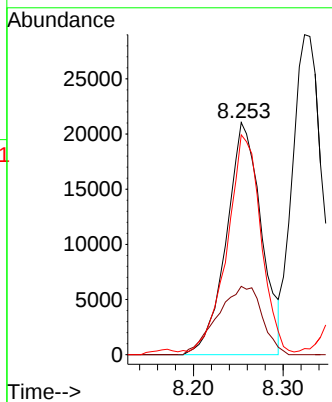
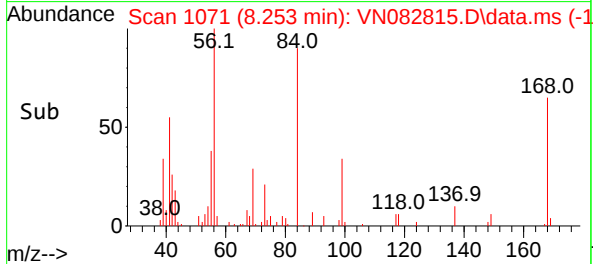
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



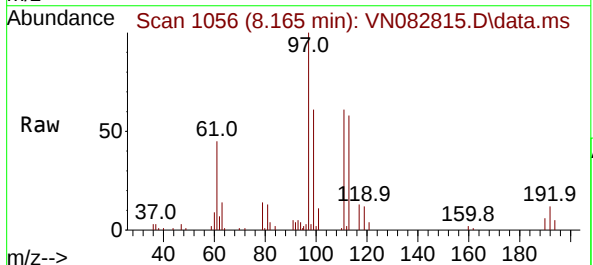
Tgt Ion: 56 Resp: 5695
Ion Ratio Lower Upper
56 100
69 29.5 24.5 36.7
84 93.4 66.0 99.0

Manual Integrations
APPROVED

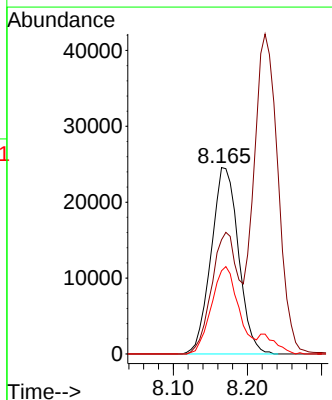
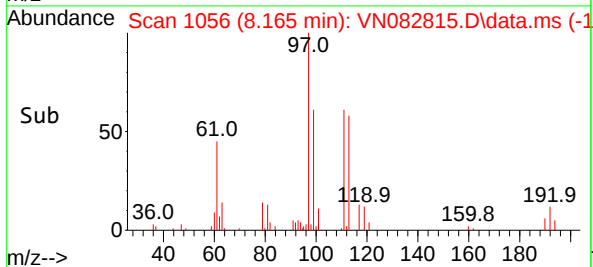
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

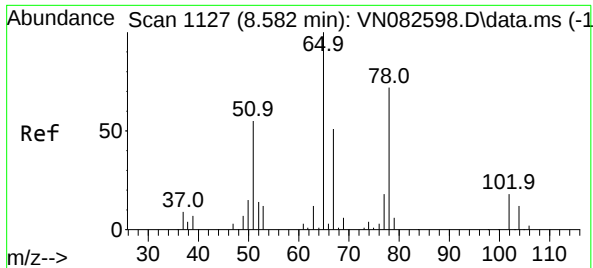


#32
1,1,1-Trichloroethane
Concen: 19.878 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34



Tgt Ion: 97 Resp: 62884
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 47.1 42.1 63.1





#33
 1,2-Dichloroethane-d4
 Concen: 20.118 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

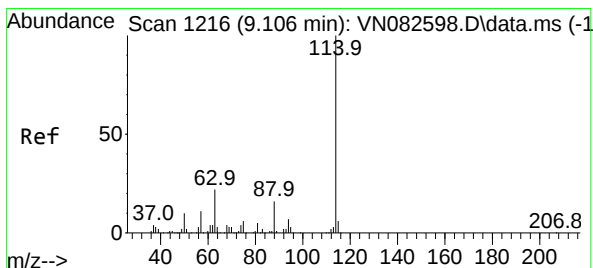
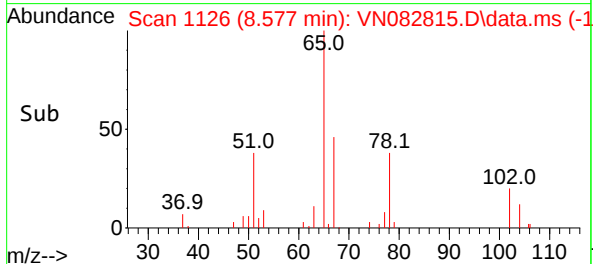
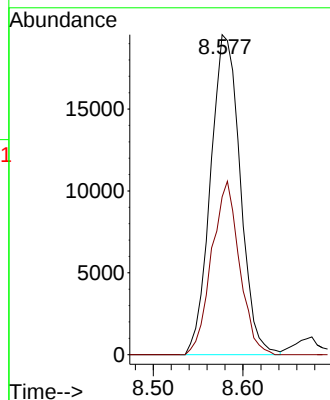
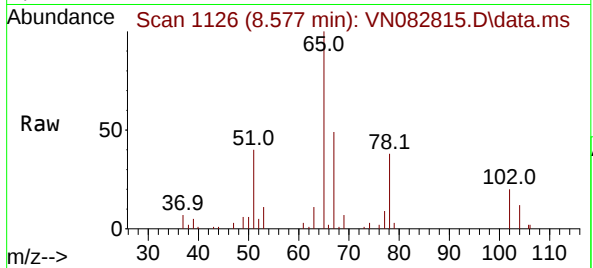
Tgt Ion: 65 Resp: 4484
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4

Manual Integrations

APPROVED

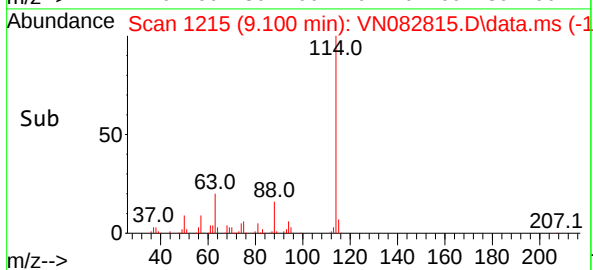
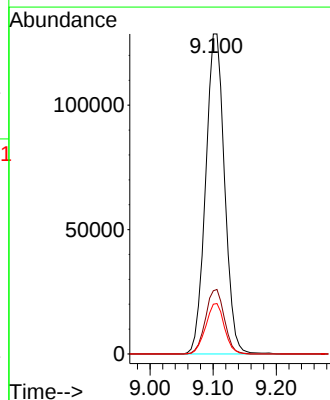
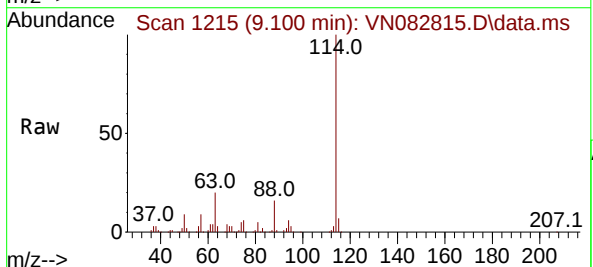
Reviewed By :John Carlone 07/08/2024

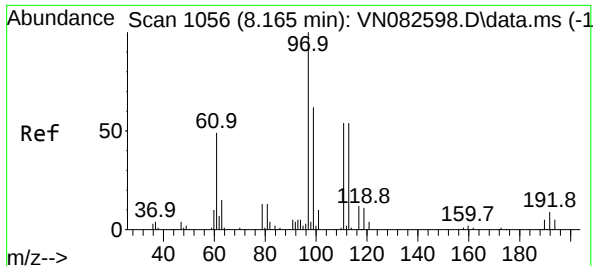
Supervised By :Mahesh Dadoda 07/09/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

Tgt Ion:114 Resp: 267615
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 20.109 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 3453

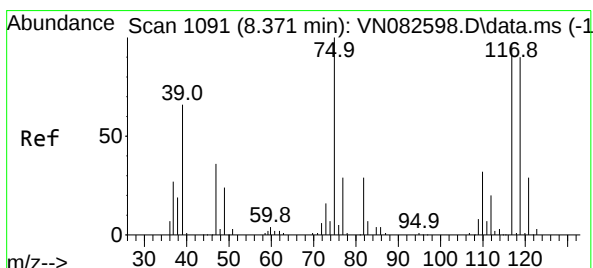
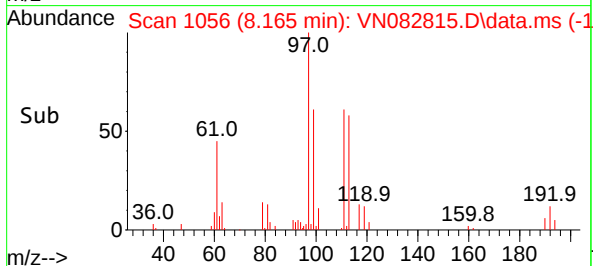
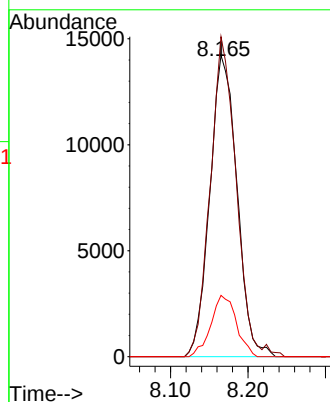
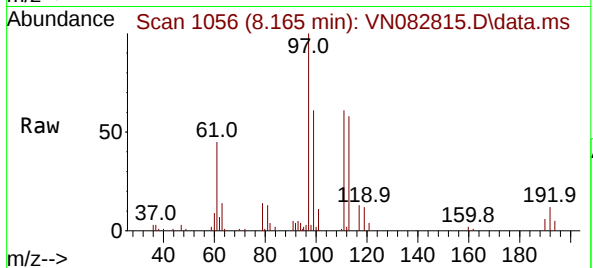
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	19.2	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#36

1,1-Dichloropropene

Concen: 19.861 ug/l

RT: 8.371 min Scan# 1091

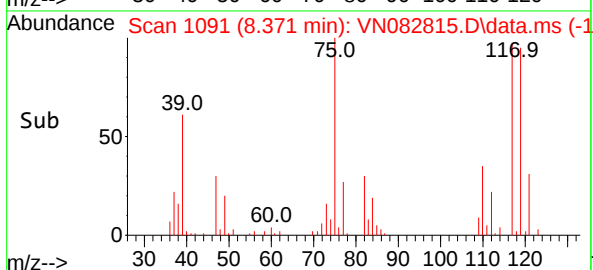
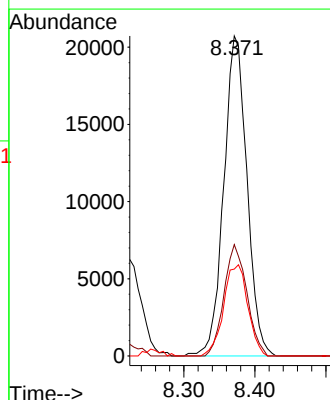
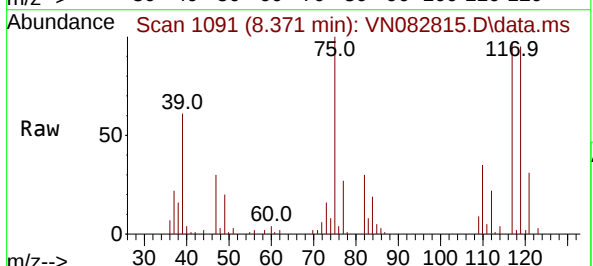
Delta R.T. -0.000 min

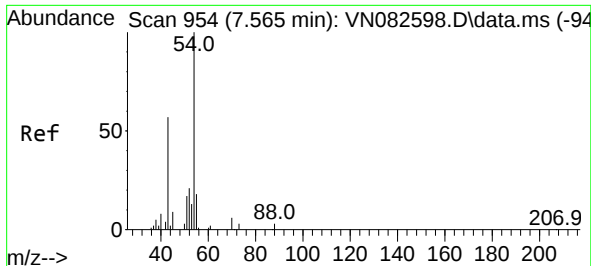
Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Tgt Ion: 75 Resp: 47023

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.3	48.9
77	29.7	24.6	37.0





#37

Ethyl Acetate

Concen: 18.579 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 4478

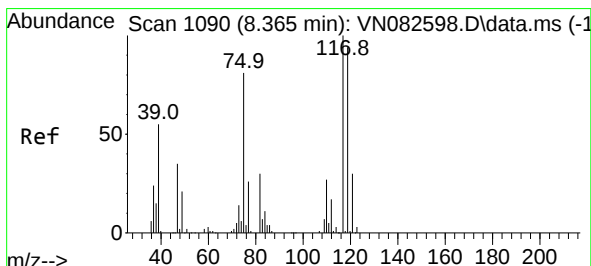
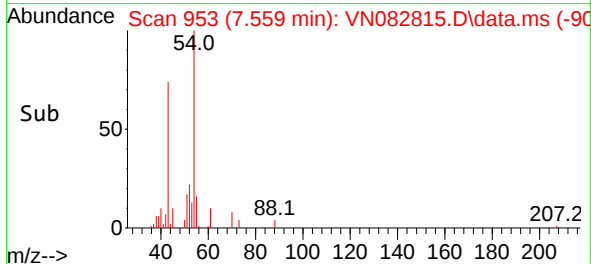
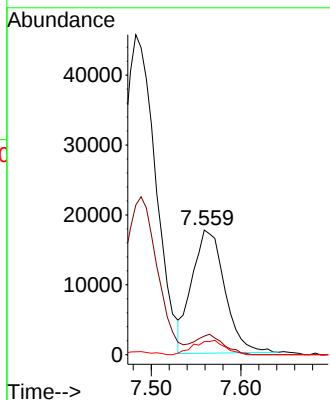
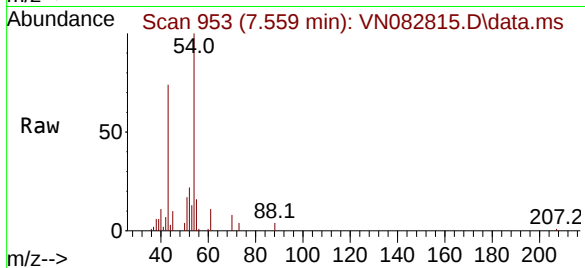
Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.3	13.9
70	11.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#38

Carbon Tetrachloride

Concen: 19.544 ug/l

RT: 8.365 min Scan# 1090

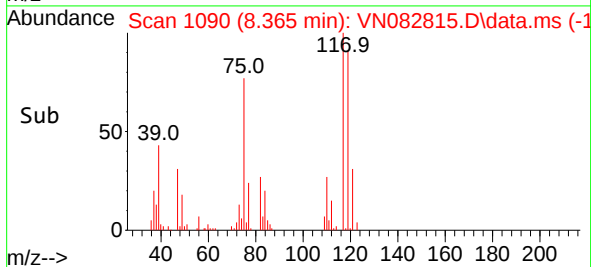
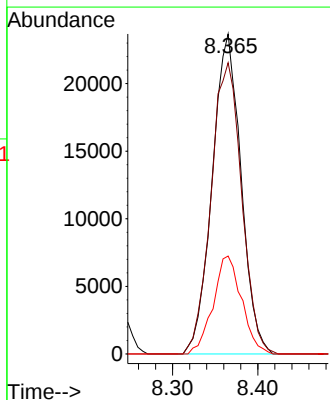
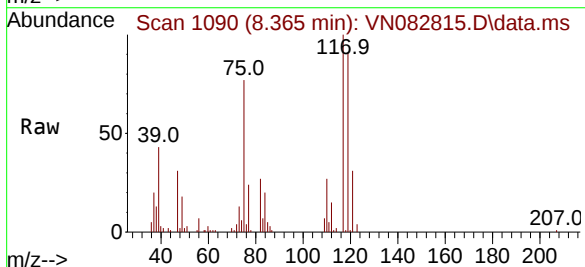
Delta R.T. 0.000 min

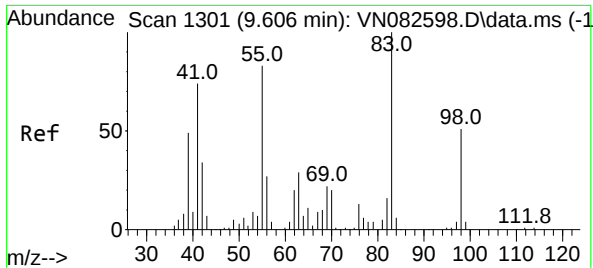
Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Tgt Ion:117 Resp: 55714

Ion	Ratio	Lower	Upper
117	100		
119	91.0	74.9	112.3
121	30.6	24.3	36.5





#39

Methylcyclohexane

Concen: 19.490 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 49844

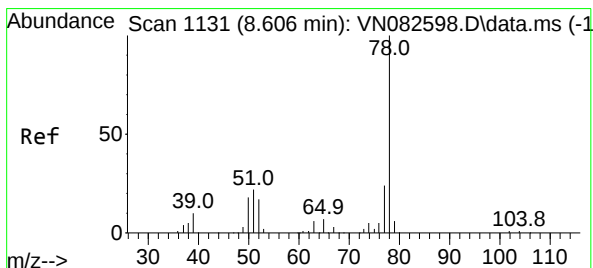
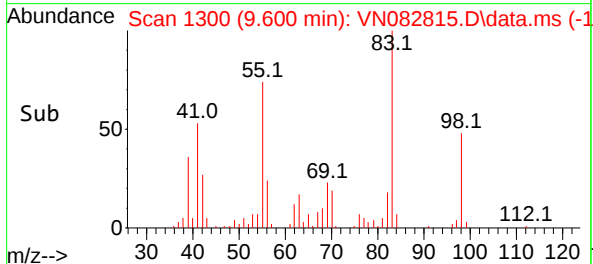
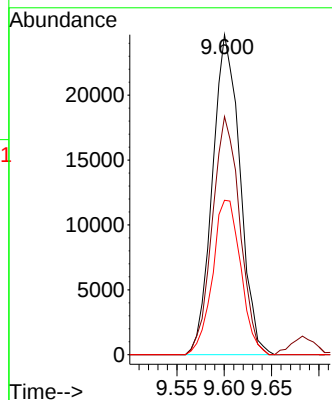
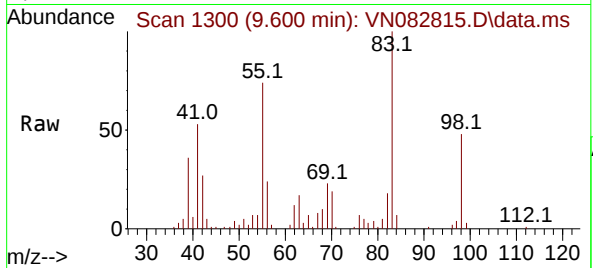
Ion	Ratio	Lower	Upper
83	100		
55	74.4	66.4	99.6
98	48.3	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#40

Benzene

Concen: 19.446 ug/l

RT: 8.606 min Scan# 1131

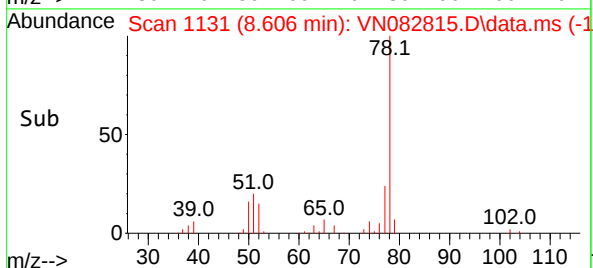
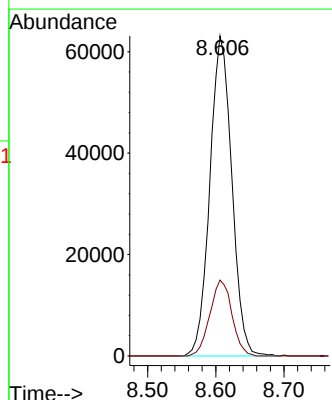
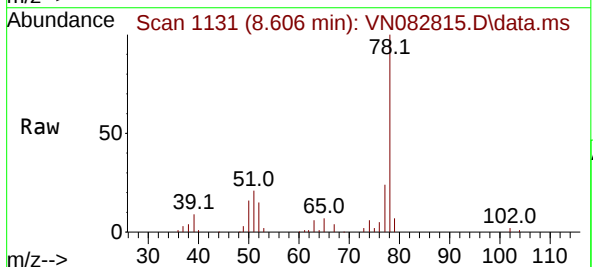
Delta R.T. 0.000 min

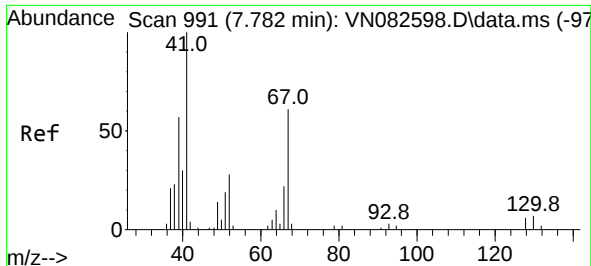
Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Tgt Ion: 78 Resp: 141624

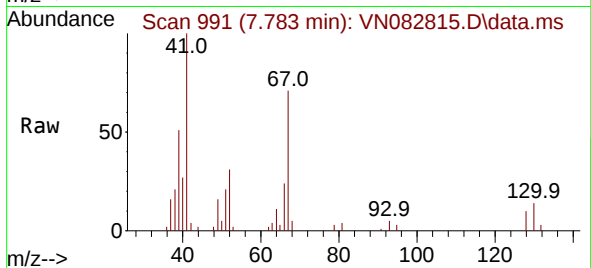
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





#41
Methacrylonitrile
Concen: 20.494 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

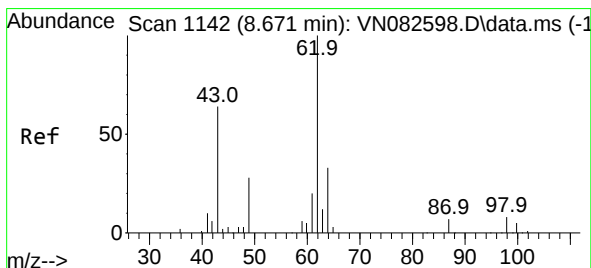
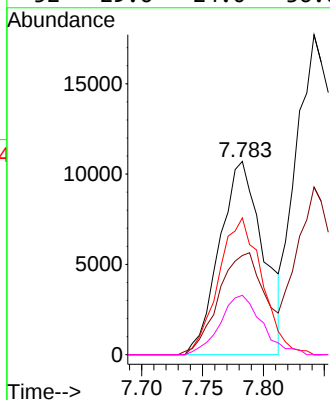
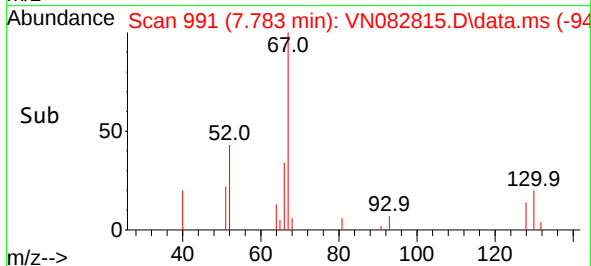
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 2661
Ion Ratio Lower Upper
41 100
39 56.7 45.5 68.3
67 70.6 50.5 75.7
52 29.6 24.0 36.0

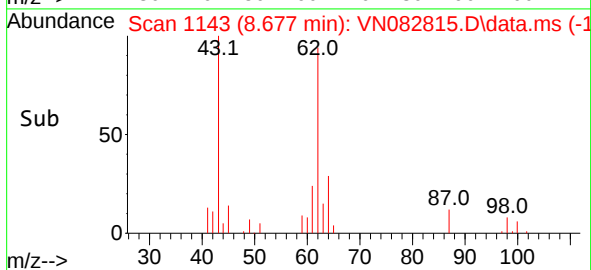
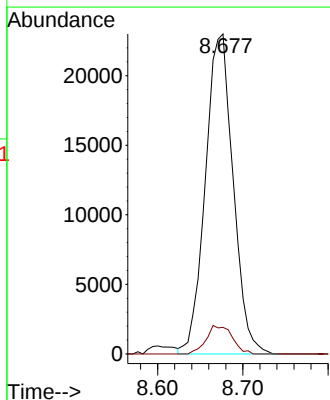
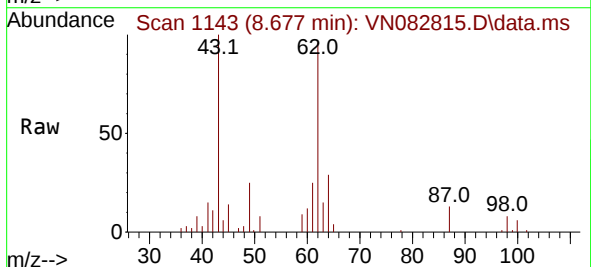
Manual Integrations
APPROVED

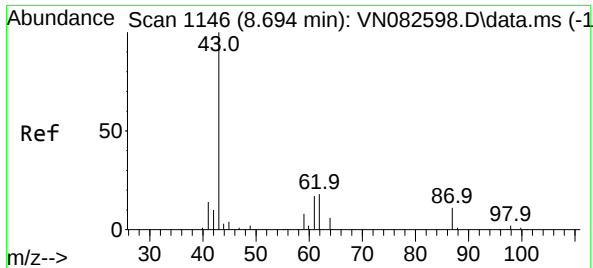
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#42
1,2-Dichloroethane
Concen: 19.879 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 62 Resp: 52120
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.889 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

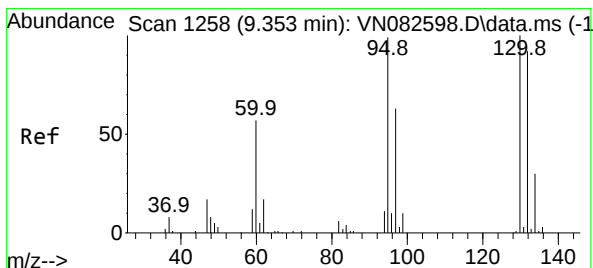
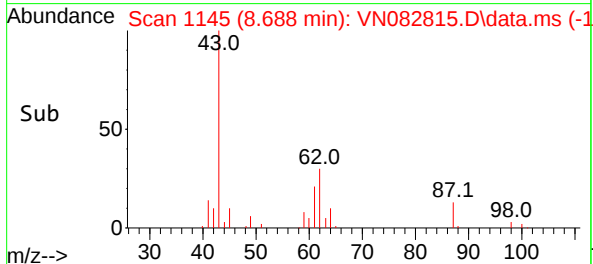
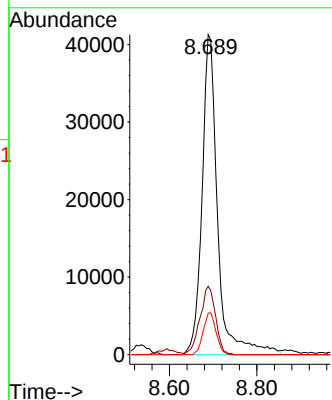
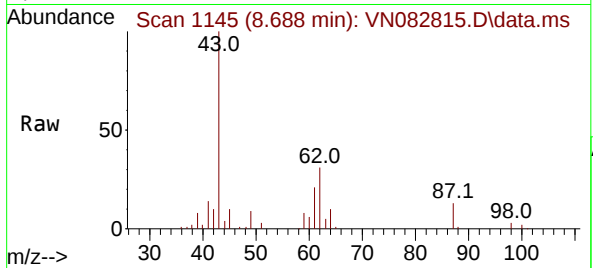
Tgt Ion: 43 Resp: 102312
Ion Ratio Lower Upper
43 100
61 21.3 17.8 26.6
87 10.8 8.2 12.2

Manual Integrations

APPROVED

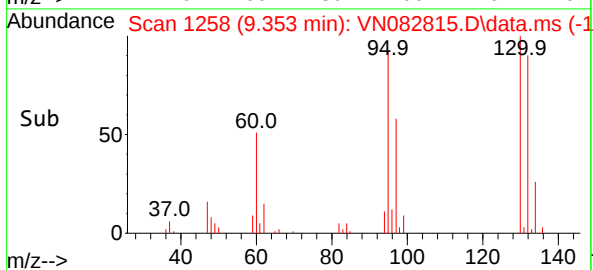
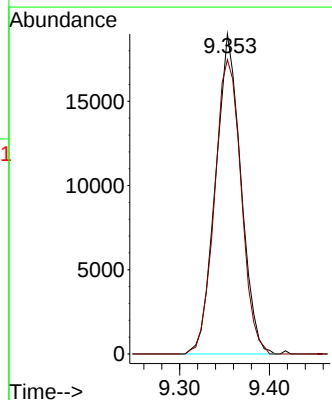
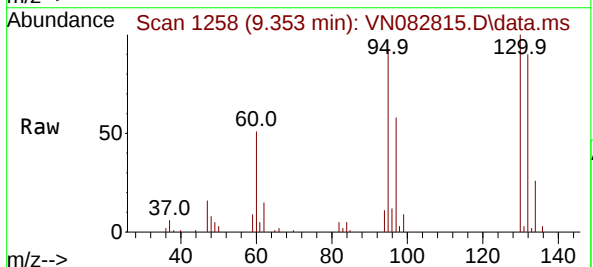
Reviewed By :John Carlone 07/08/2024

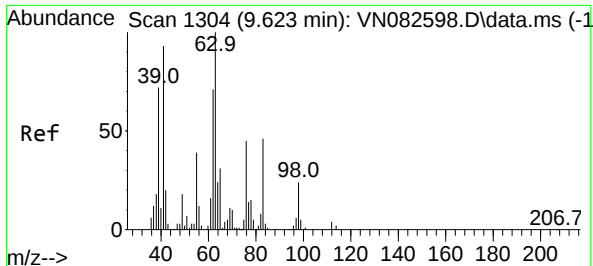
Supervised By :Mahesh Dadoda 07/09/2024



#44
Trichloroethene
Concen: 19.970 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

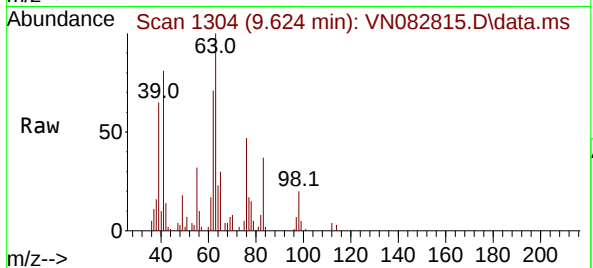
Tgt Ion:130 Resp: 37261
Ion Ratio Lower Upper
130 100
95 92.0 0.0 197.8





#45
1,2-Dichloropropane
Concen: 20.362 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

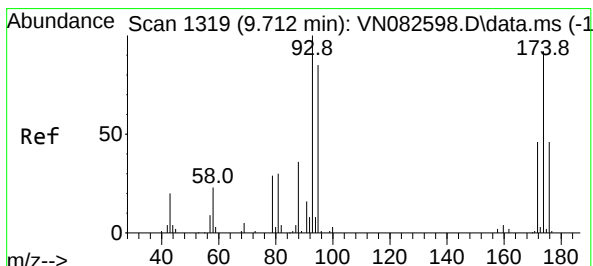
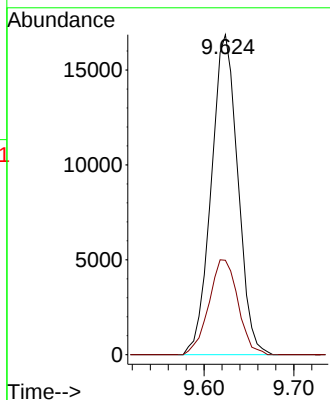
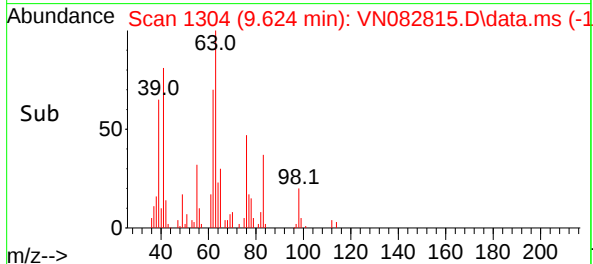
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 63 Resp: 3462
Ion Ratio Lower Upper
63 100
65 29.5 24.4 36.6

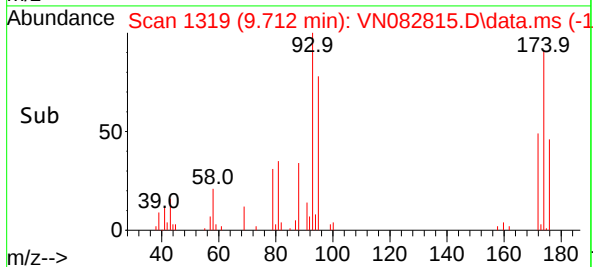
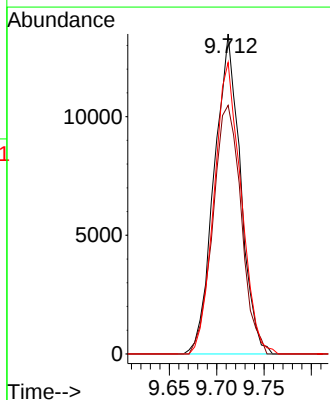
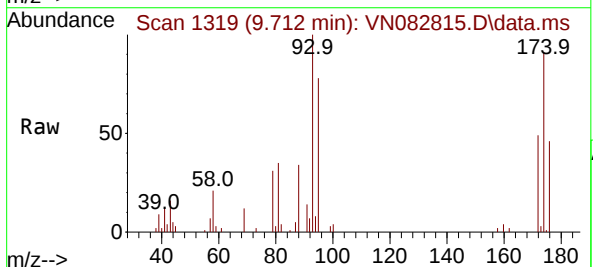
Manual Integrations
APPROVED

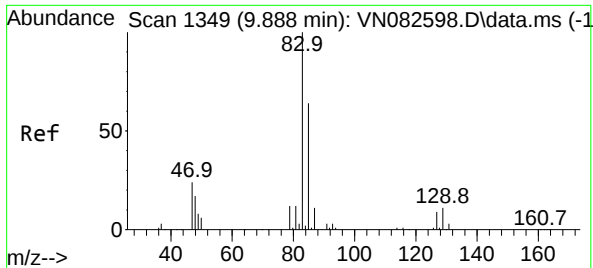
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#46
Dibromomethane
Concen: 19.605 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 93 Resp: 25968
Ion Ratio Lower Upper
93 100
95 83.6 65.8 98.6
174 93.5 71.7 107.5





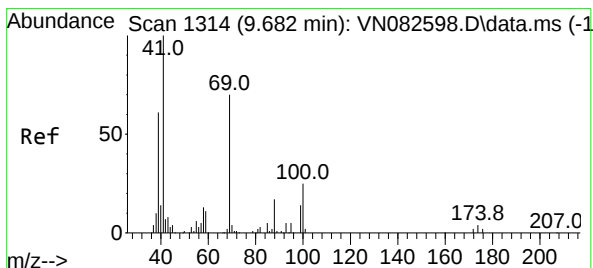
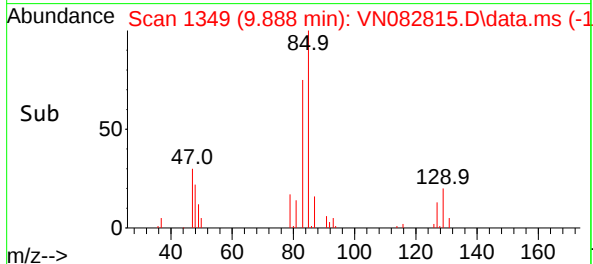
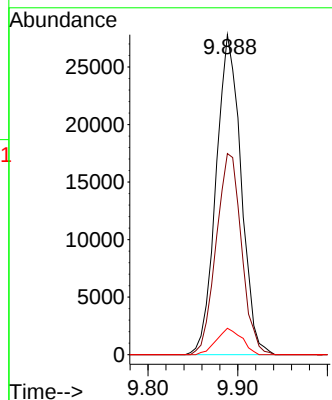
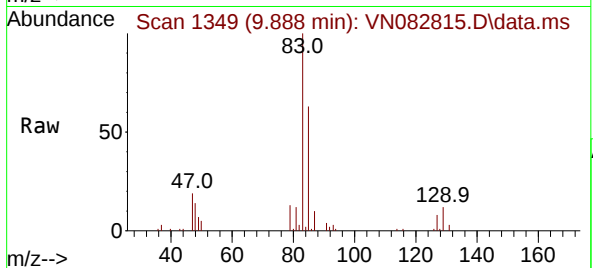
#47
Bromodichloromethane
Concen: 19.644 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5376
Ion Ratio Lower Upper
83 100
85 62.8 51.1 76.7
127 8.2 7.2 10.8

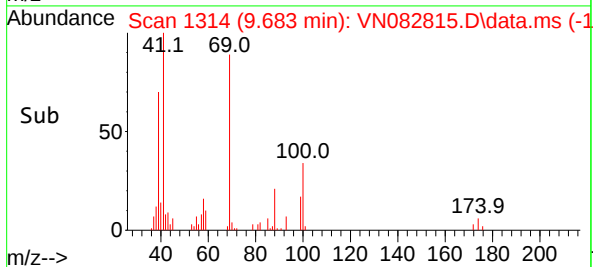
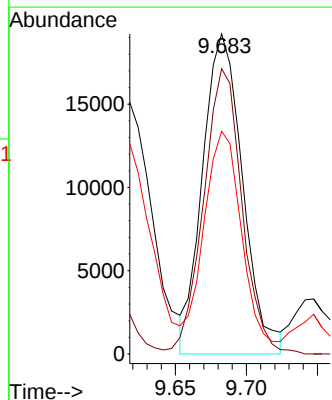
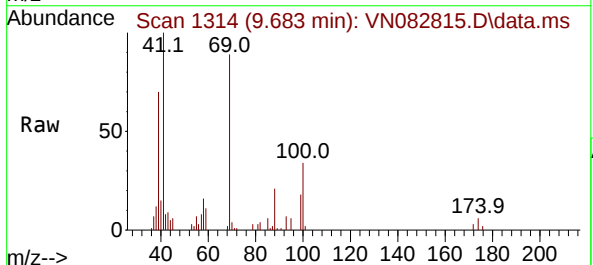
Manual Integrations
APPROVED

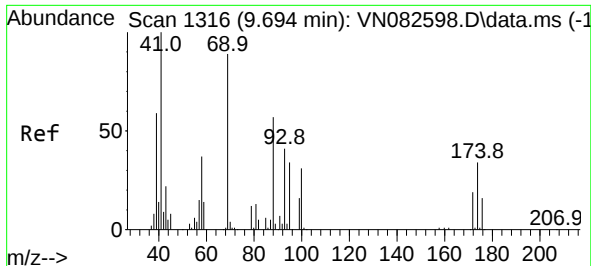
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#48
Methyl methacrylate
Concen: 19.927 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 41 Resp: 37663
Ion Ratio Lower Upper
41 100
69 85.7 56.3 84.5#
39 67.0 50.3 75.5





#49

1,4-Dioxane

Concen: 405.531 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

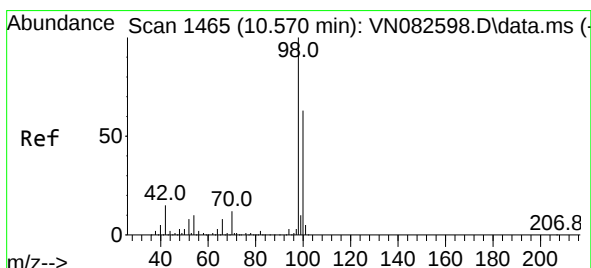
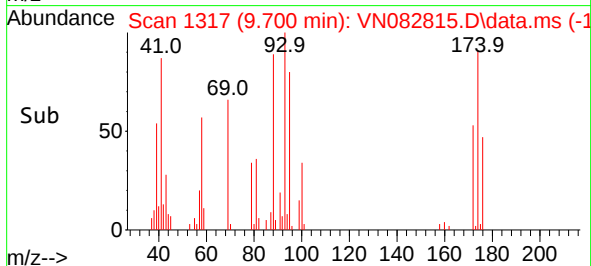
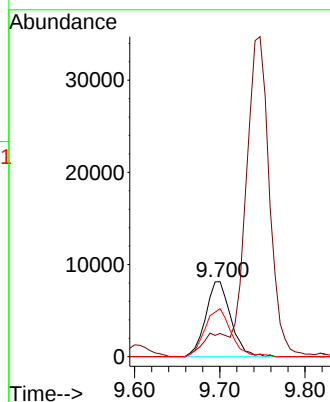
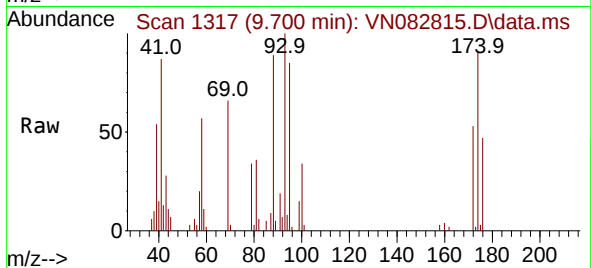
Tgt Ion:	88	Resp:	1662
Ion	Ratio	Lower	Upper
88	100		
43	28.6	27.8	41.8
58	67.0	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#50

Toluene-d8

Concen: 19.926 ug/l

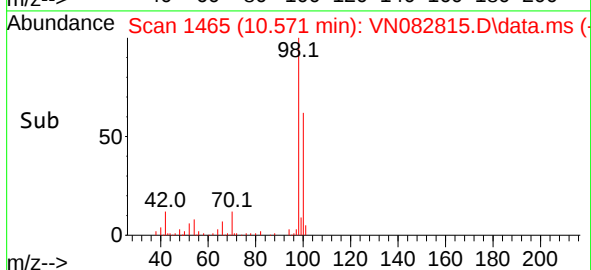
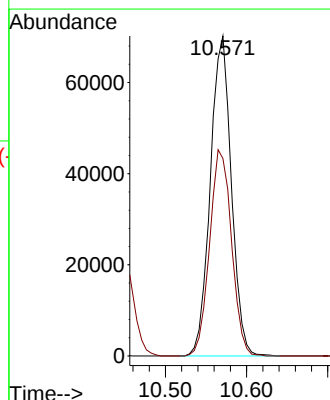
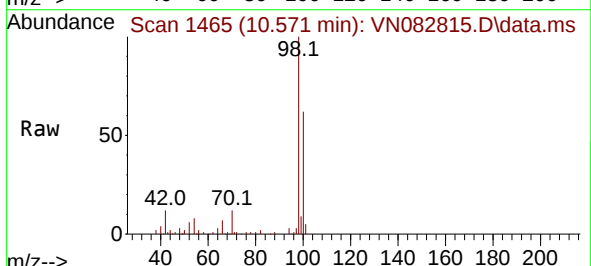
RT: 10.571 min Scan# 1465

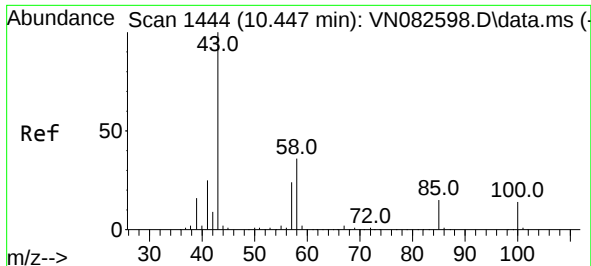
Delta R.T. 0.001 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Tgt Ion:	98	Resp:	126378
Ion	Ratio	Lower	Upper
98	100		
100	67.1	51.5	77.3





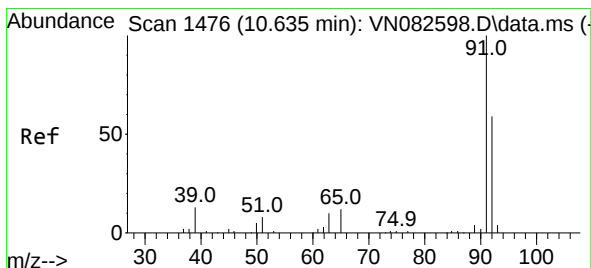
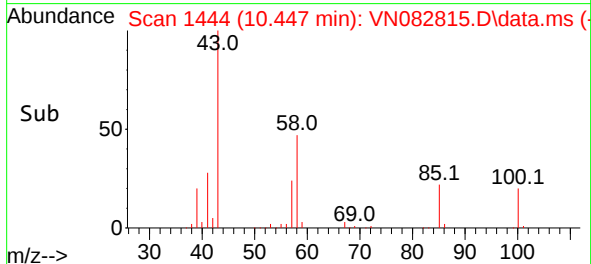
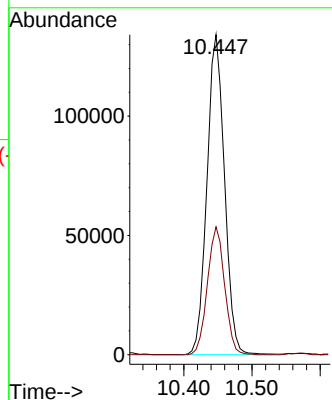
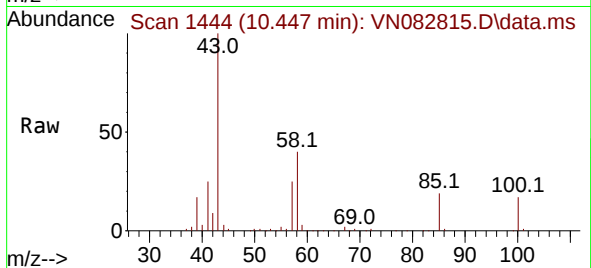
#51
4-Methyl-2-Pentanone
Concen: 100.562 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 240308
Ion Ratio Lower Upper
43 100
58 39.2 28.2 42.4

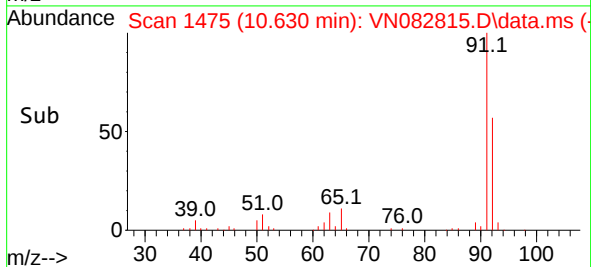
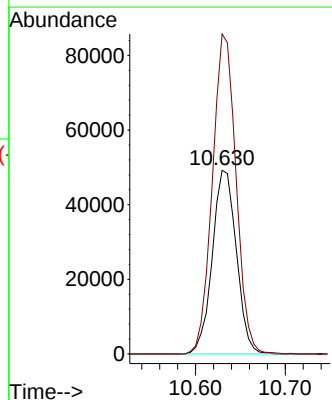
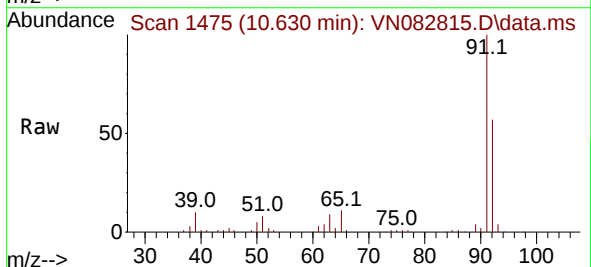
Manual Integrations
APPROVED

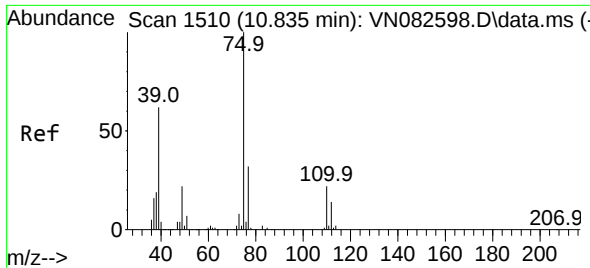
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#52
Toluene
Concen: 20.134 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

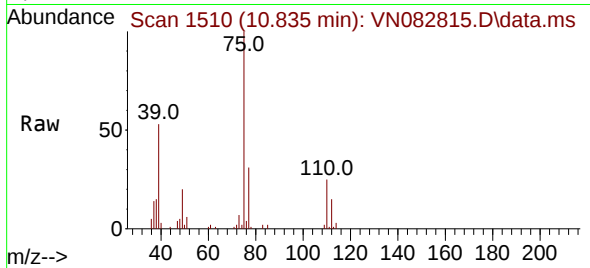
Tgt Ion: 92 Resp: 91596
Ion Ratio Lower Upper
92 100
91 171.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.199 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

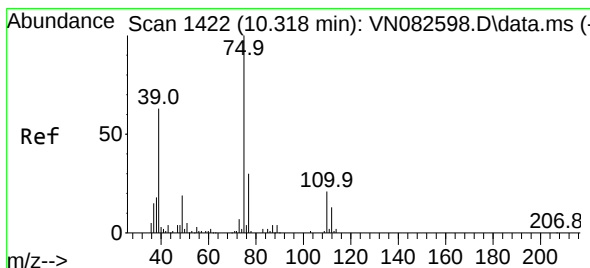
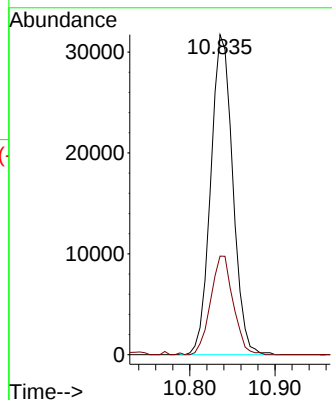
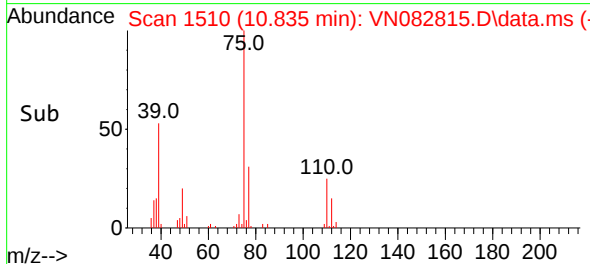
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



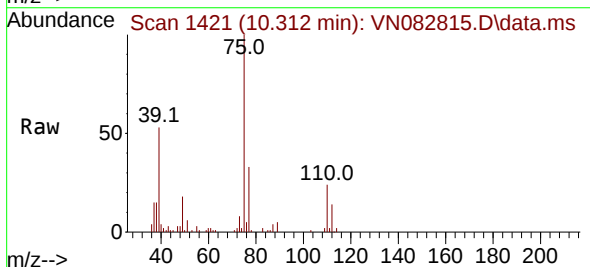
Tgt Ion: 75 Resp: 56950
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5

Manual Integrations
APPROVED

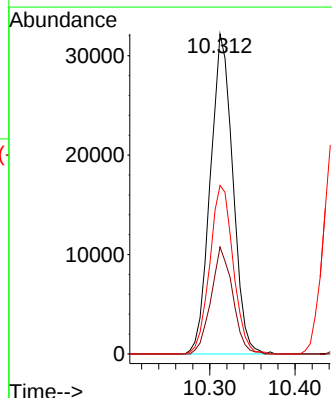
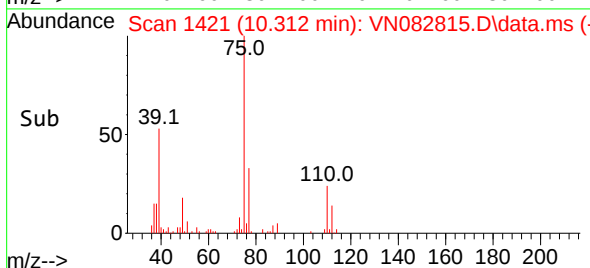
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

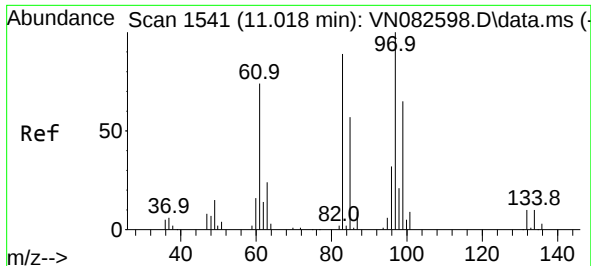


#54
cis-1,3-Dichloropropene
Concen: 19.745 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34



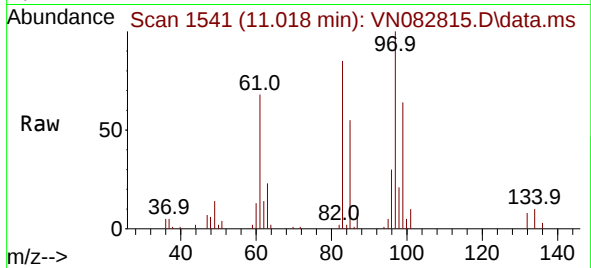
Tgt Ion: 75 Resp: 58926
Ion Ratio Lower Upper
75 100
77 33.4 24.3 36.5
39 52.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.375 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

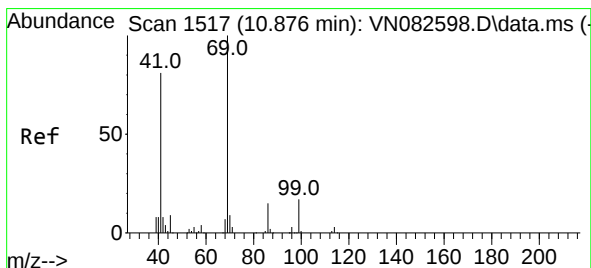
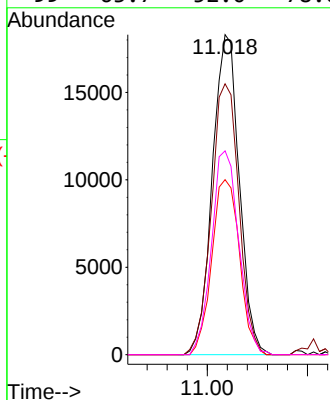
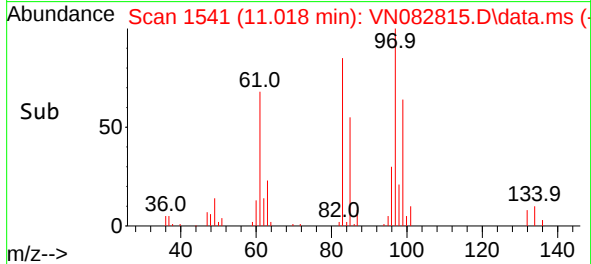


Tgt Ion: 97 Resp: 3408

Ion	Ratio	Lower	Upper
97	100		
83	84.7	71.4	107.0
85	54.7	45.8	68.6
99	63.7	52.0	78.0

Manual Integrations
APPROVED

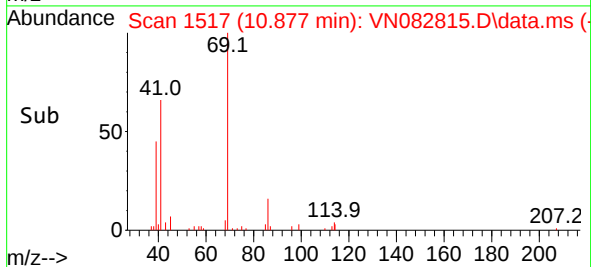
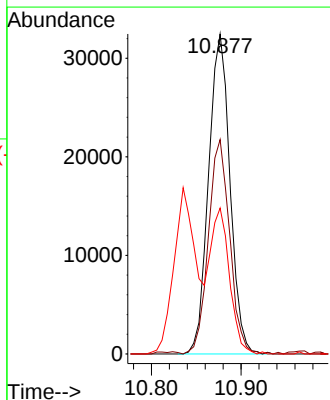
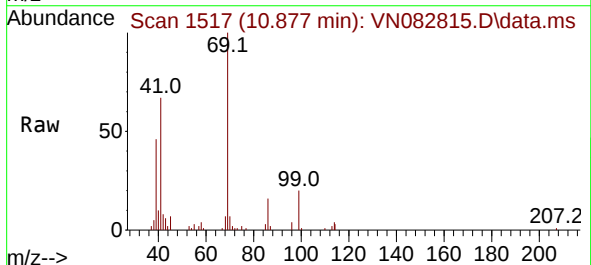
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

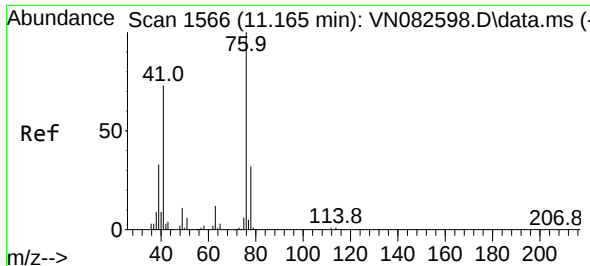


#56
Ethyl methacrylate
Concen: 20.647 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 69 Resp: 53736

Ion	Ratio	Lower	Upper
69	100		
41	66.7	63.4	95.2
39	40.9	37.4	56.0





#57

1,3-Dichloropropane

Concen: 19.525 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 57819

Ion Ratio Lower Upper

76 100

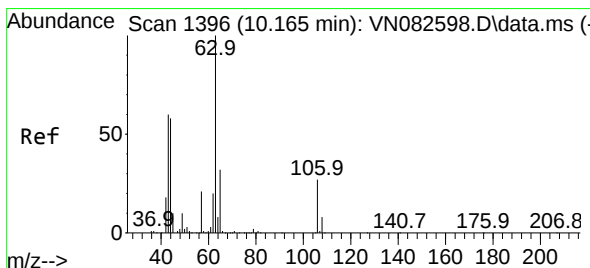
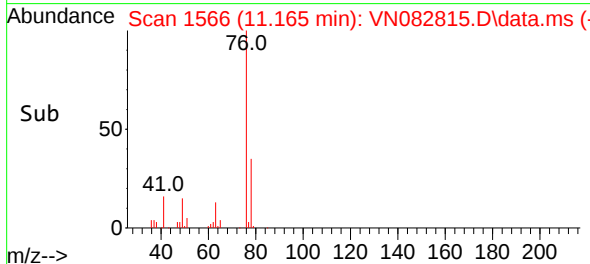
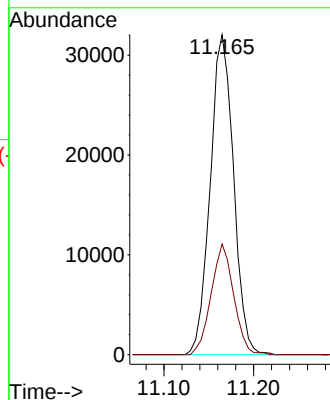
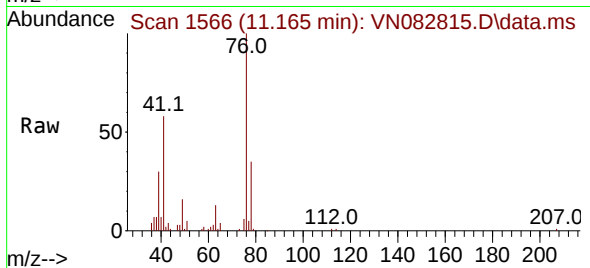
78 33.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#58

2-Chloroethyl Vinyl ether

Concen: 101.020 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082815.D

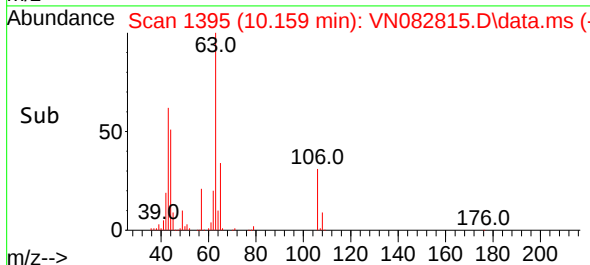
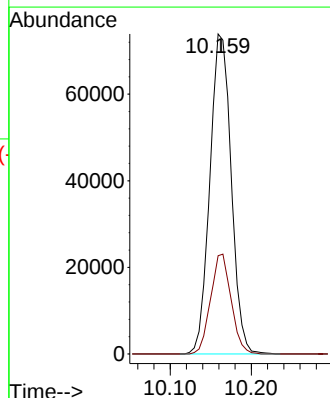
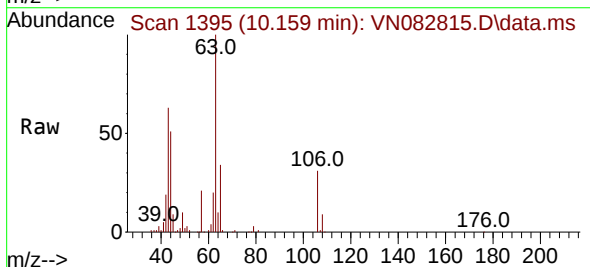
Acq: 08 Jul 2024 11:34

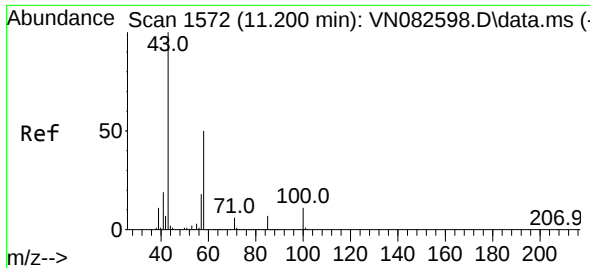
Tgt Ion: 63 Resp: 134913

Ion Ratio Lower Upper

63 100

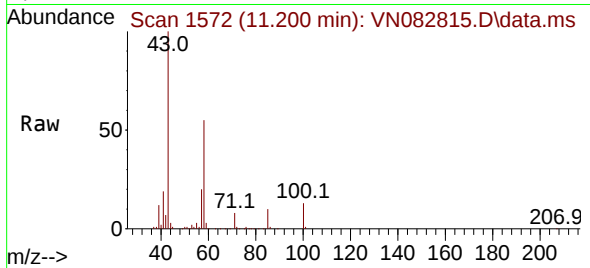
106 29.9 21.4 32.0





#59
2-Hexanone
Concen: 103.685 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

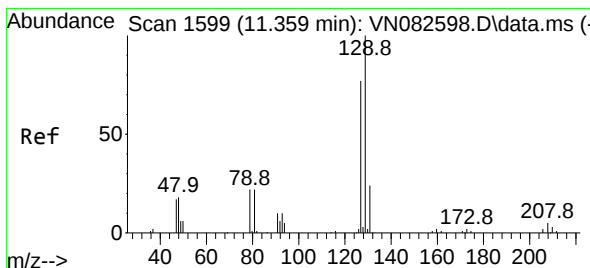
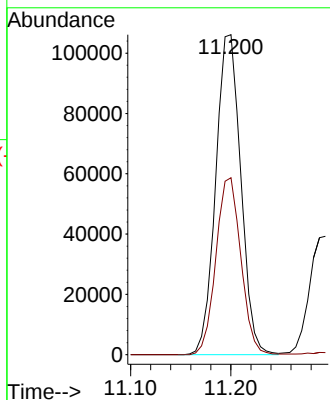
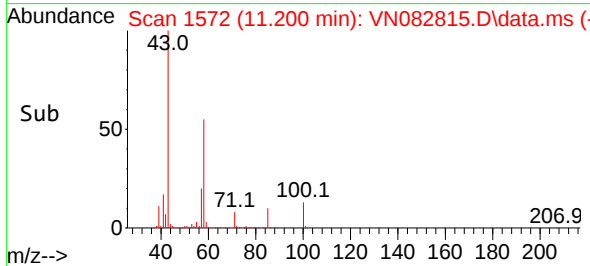
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 184214
Ion Ratio Lower Upper
43 100
58 55.0 24.6 73.8

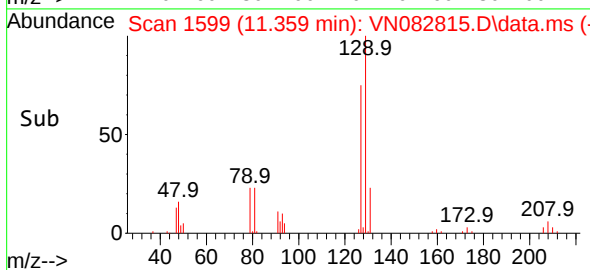
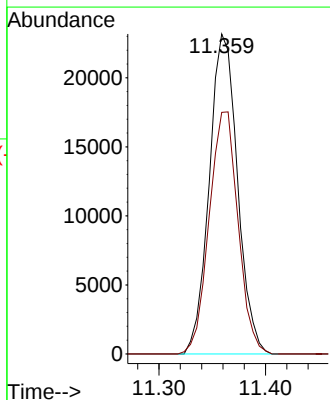
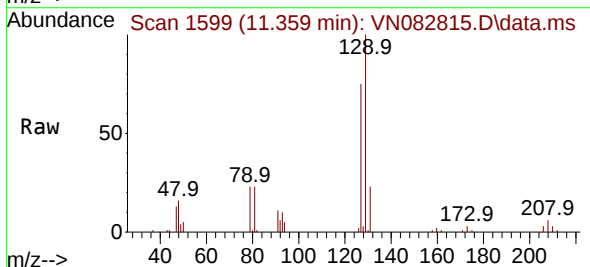
Manual Integrations
APPROVED

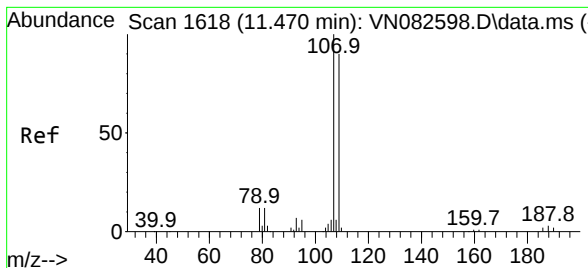
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#60
Dibromochloromethane
Concen: 20.029 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion:129 Resp: 42676
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





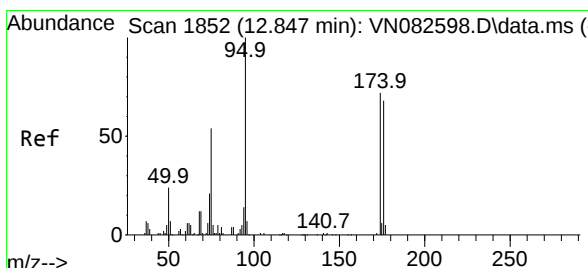
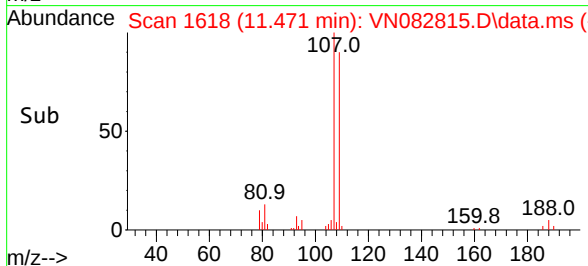
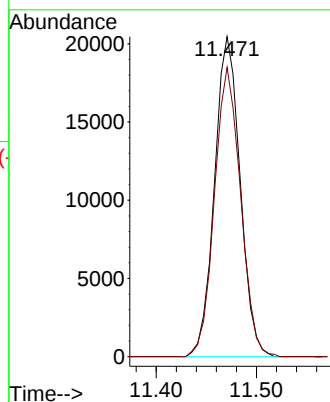
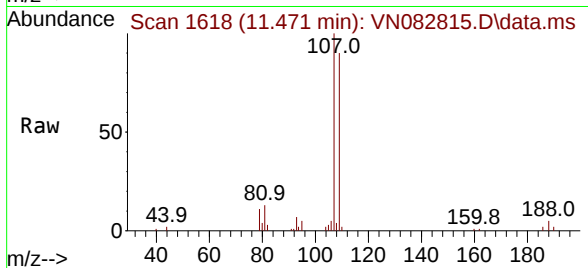
#61
1,2-Dibromoethane
Concen: 20.406 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 3625
Ion Ratio Lower Upper
107 100
109 92.3 73.7 110.5

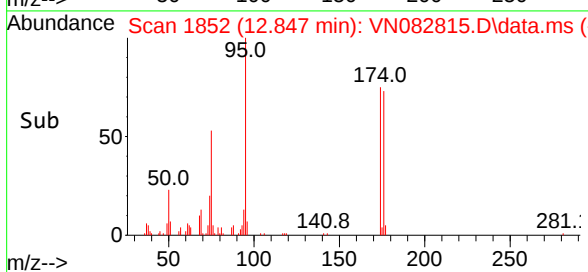
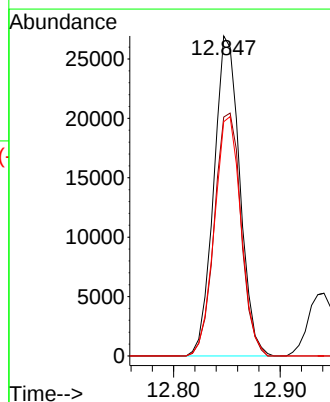
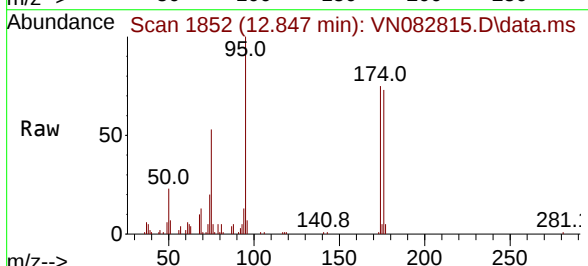
Manual Integrations
APPROVED

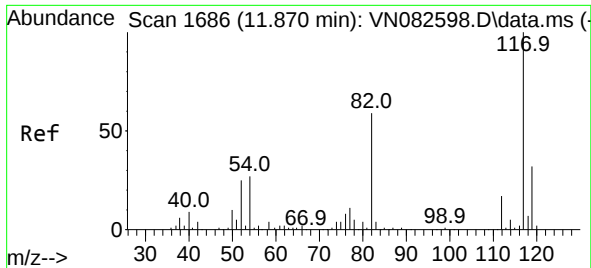
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#62
4-Bromofluorobenzene
Concen: 19.989 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 95 Resp: 45541
Ion Ratio Lower Upper
95 100
174 77.6 0.0 159.2
176 76.6 0.0 147.6





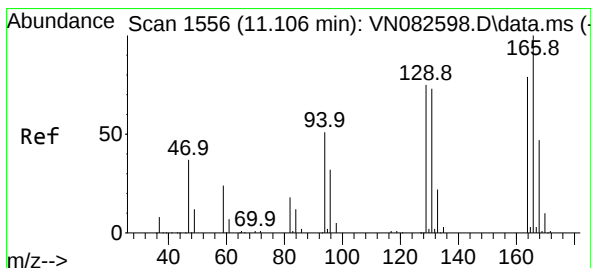
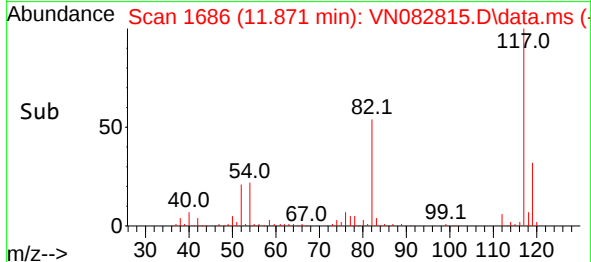
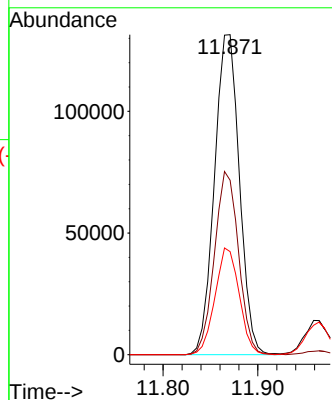
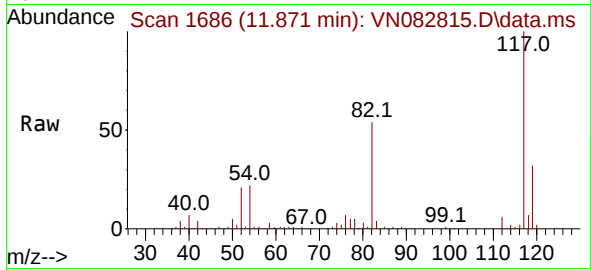
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 24101
Ion Ratio Lower Upper
117 100
82 54.5 47.5 71.3
119 32.2 25.6 38.4

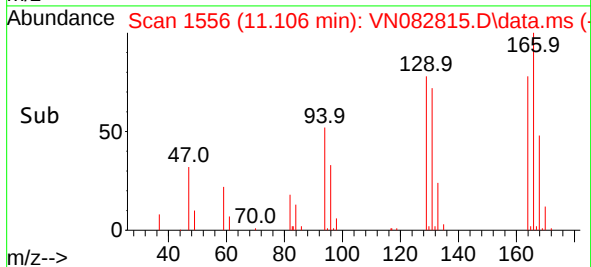
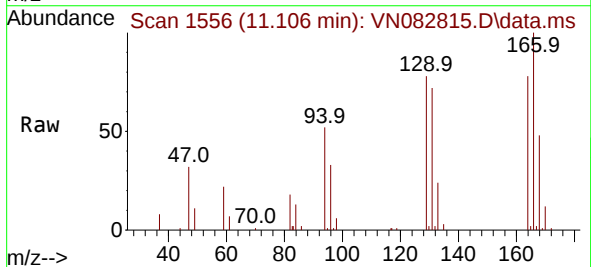
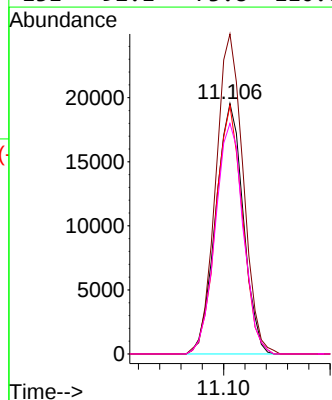
Manual Integrations
APPROVED

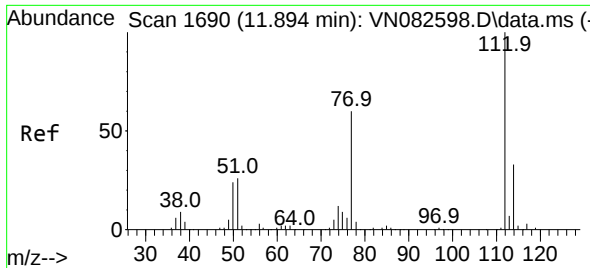
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#64
Tetrachloroethene
Concen: 19.516 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

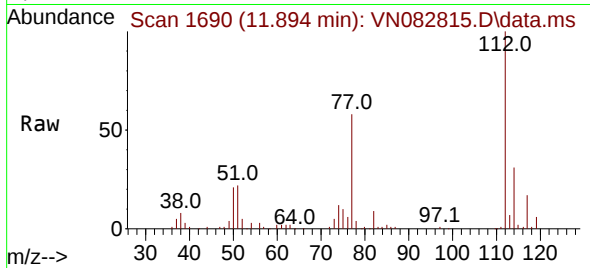
Tgt Ion:164 Resp: 35092
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.0
129 99.2 75.7 113.5
131 92.1 73.8 110.6





#65
Chlorobenzene
Concen: 19.757 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

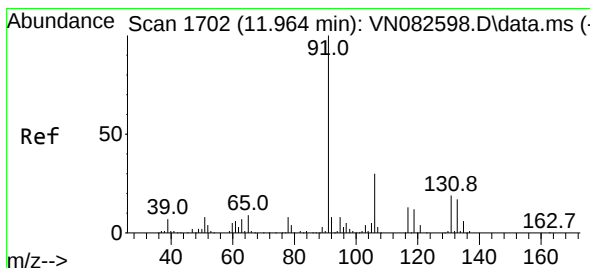
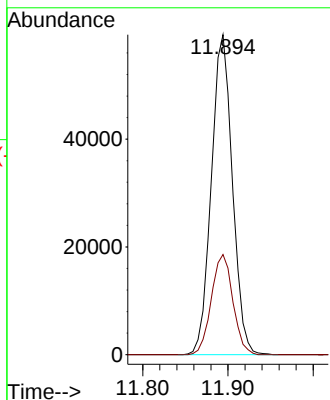
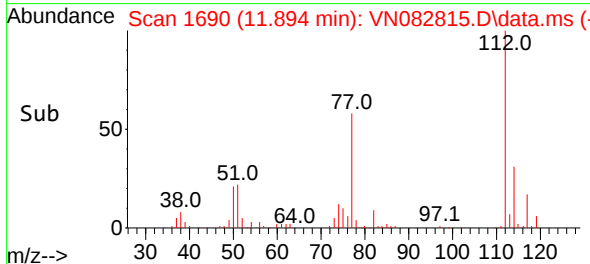
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 10203
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

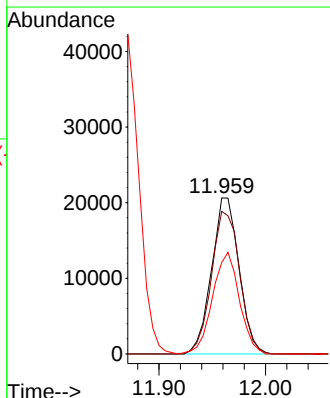
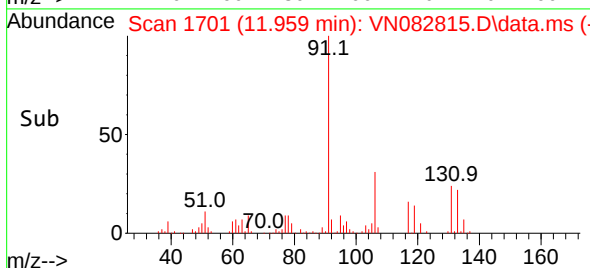
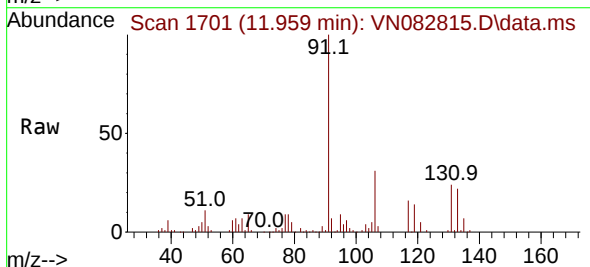
Manual Integrations
APPROVED

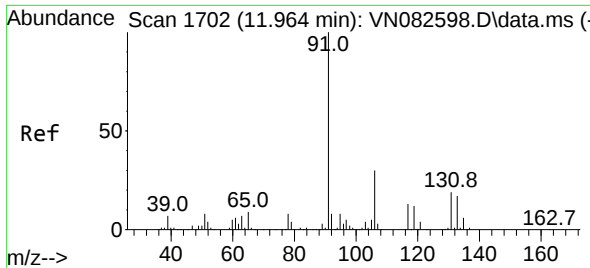
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.107 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion:131 Resp: 36936
Ion Ratio Lower Upper
131 100
133 94.1 47.3 142.0
119 63.6 32.5 97.4





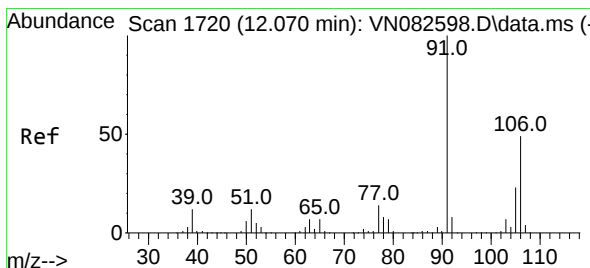
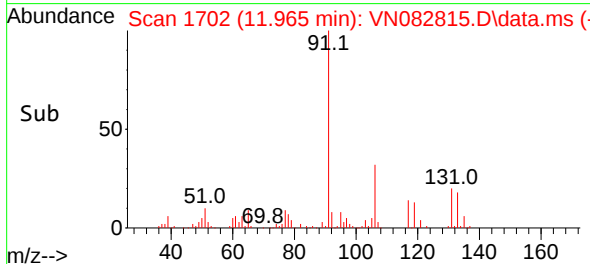
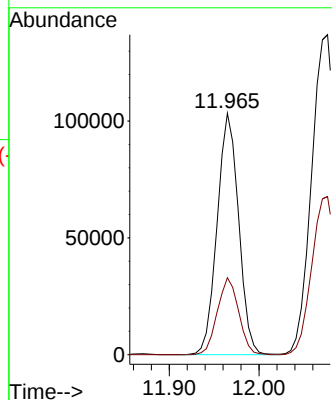
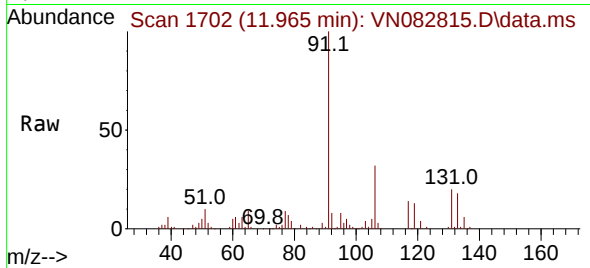
#67
Ethyl Benzene
Concen: 19.795 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 171823
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0

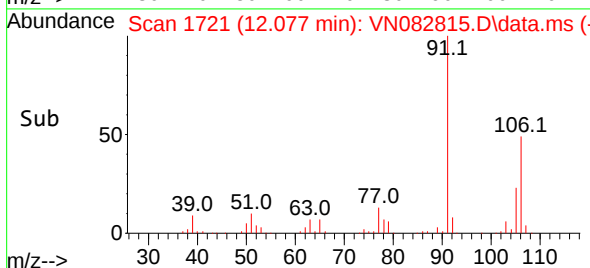
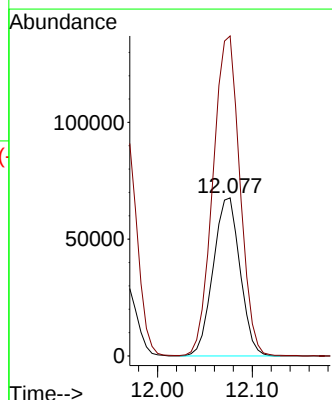
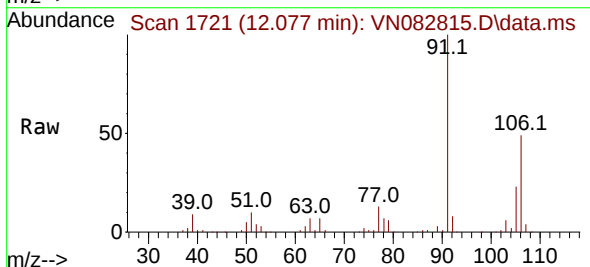
Manual Integrations
APPROVED

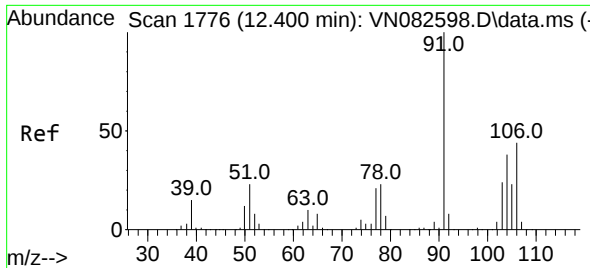
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#68
m/p-Xylenes
Concen: 40.750 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.007 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion:106 Resp: 133538
Ion Ratio Lower Upper
106 100
91 203.0 166.1 249.1





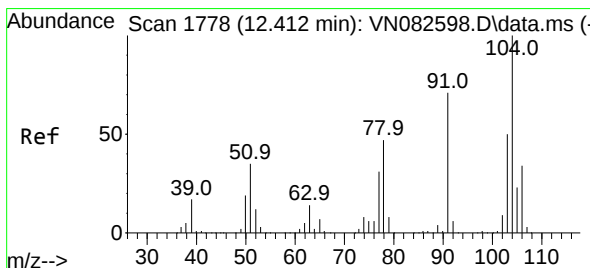
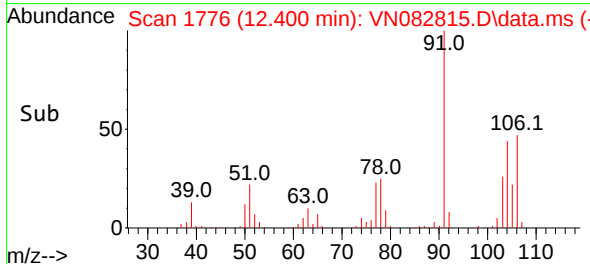
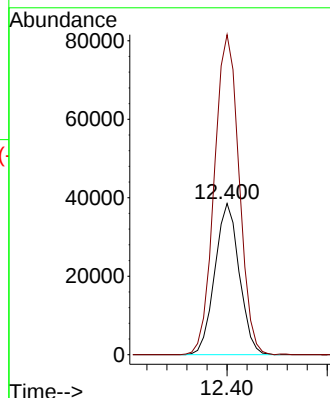
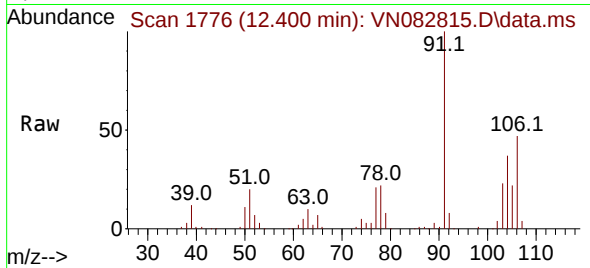
#69
o-Xylene
Concen: 20.783 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 65258
Ion Ratio Lower Upper
106 100
91 214.6 111.3 333.9

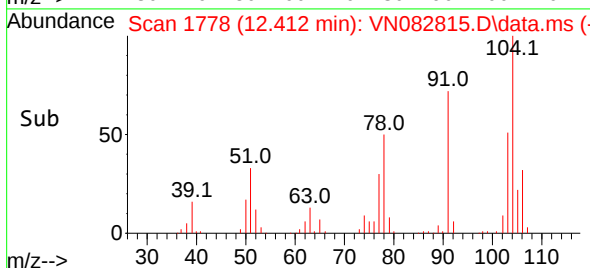
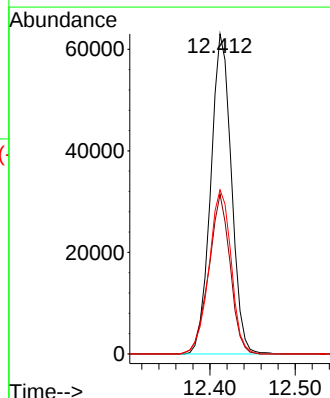
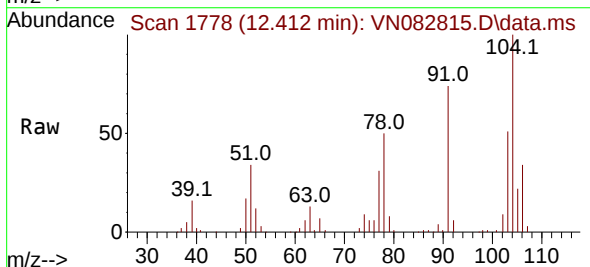
Manual Integrations
APPROVED

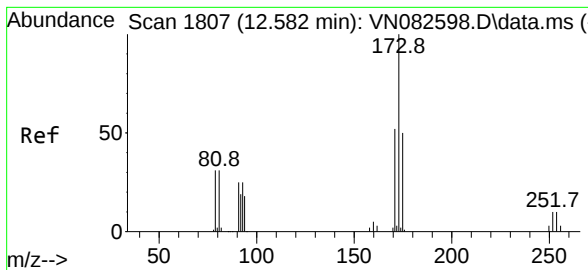
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#70
Styrene
Concen: 20.451 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

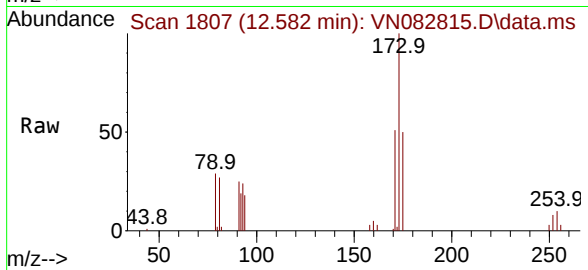
Tgt Ion:104 Resp: 106102
Ion Ratio Lower Upper
104 100
78 51.4 41.6 62.4
103 55.1 44.0 66.0





#71
Bromoform
Concen: 20.604 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

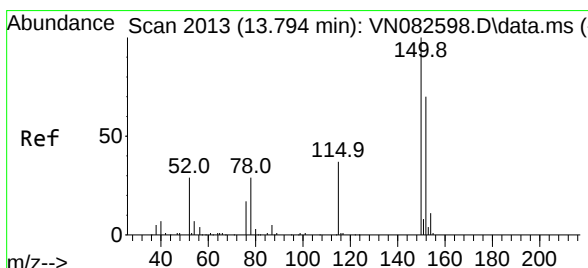
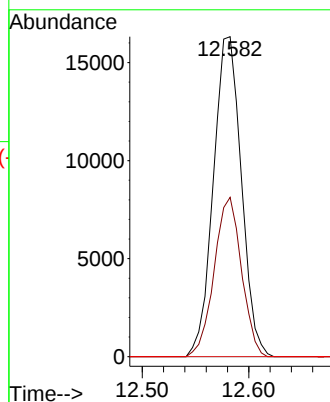
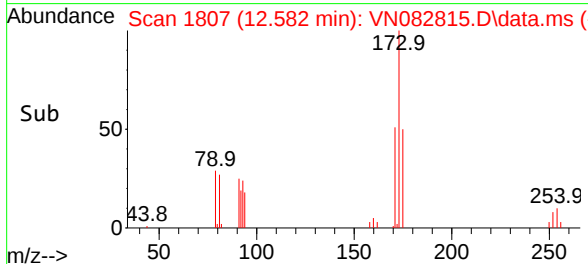
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



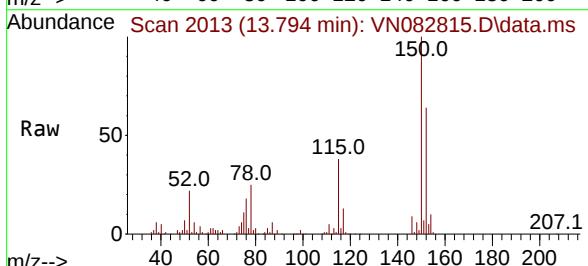
Tgt Ion:173 Resp: 29760
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

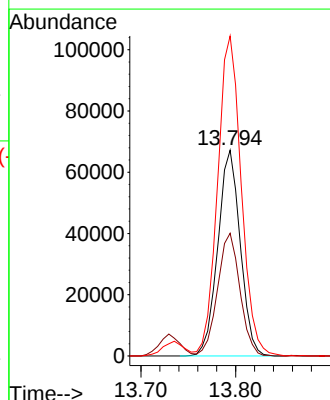
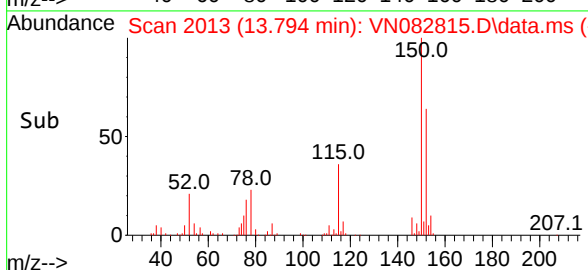
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

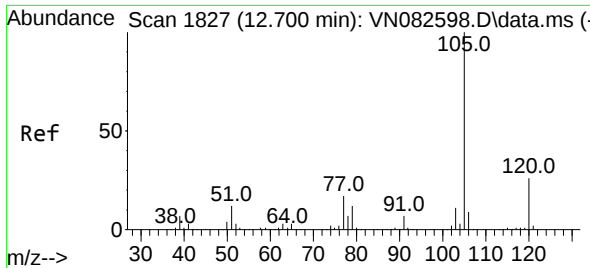


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34



Tgt Ion:152 Resp: 110512
Ion Ratio Lower Upper
152 100
115 59.6 30.6 91.6
150 164.2 0.0 348.6





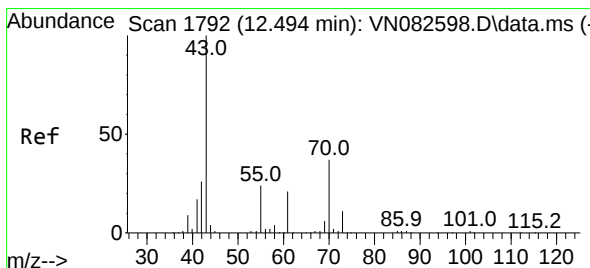
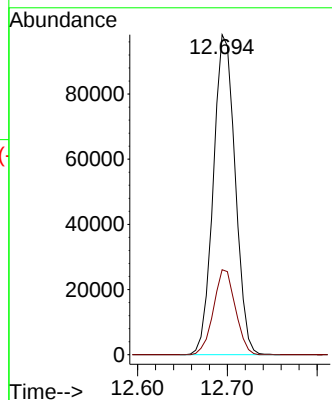
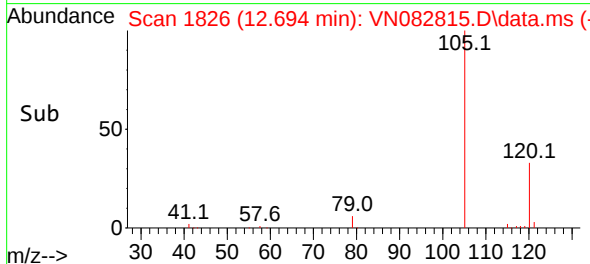
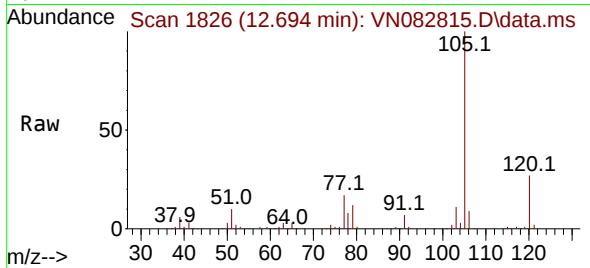
#73
Isopropylbenzene
Concen: 20.694 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 16618
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

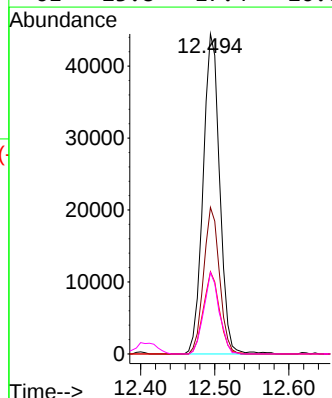
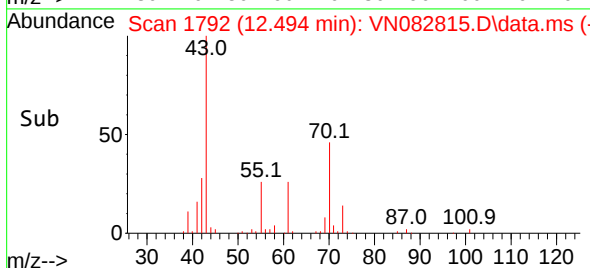
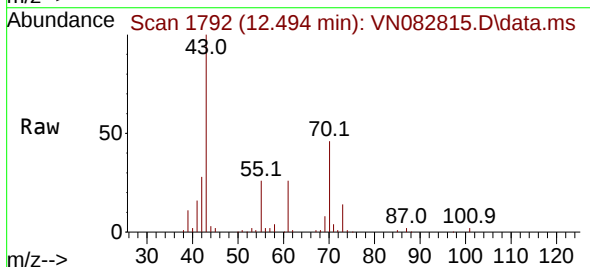
Manual Integrations
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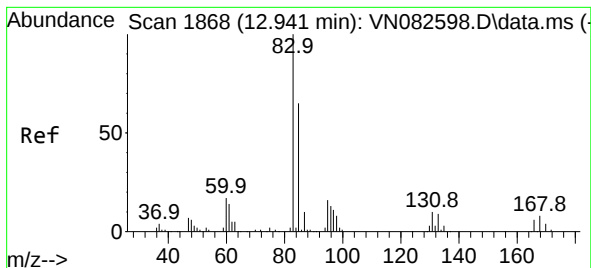
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#74
N-ethyl acetate
Concen: 20.803 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

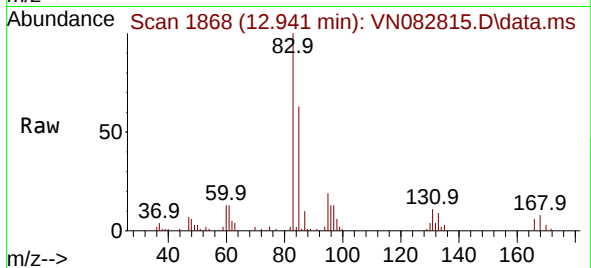
Tgt Ion: 43 Resp: 69100
Ion Ratio Lower Upper
43 100
70 43.7 29.8 44.6
55 24.8 18.7 28.1
61 23.8 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.020 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

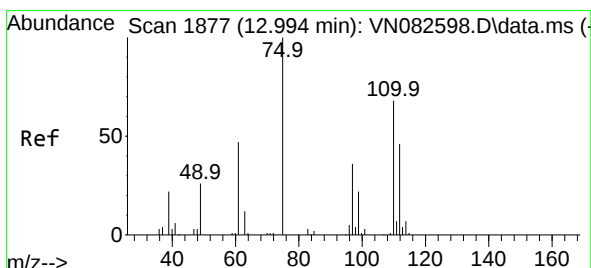
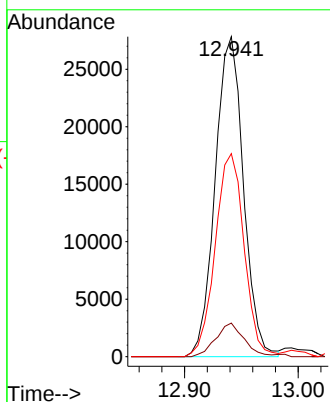
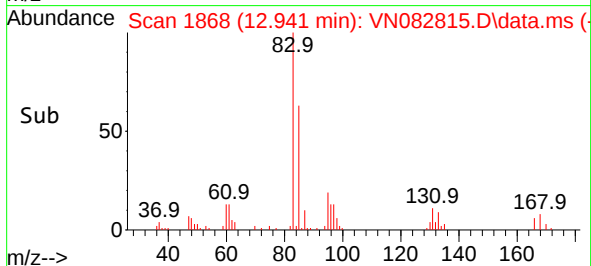
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 48149
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 64.7 31.9 95.7

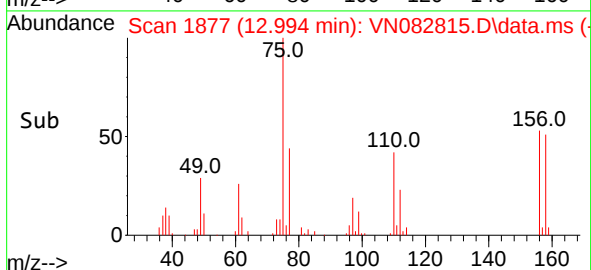
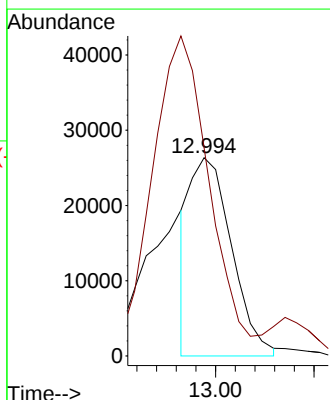
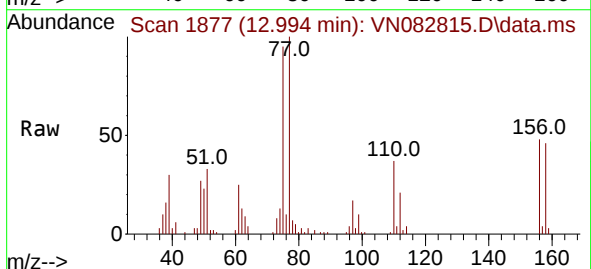
Manual Integrations
APPROVED

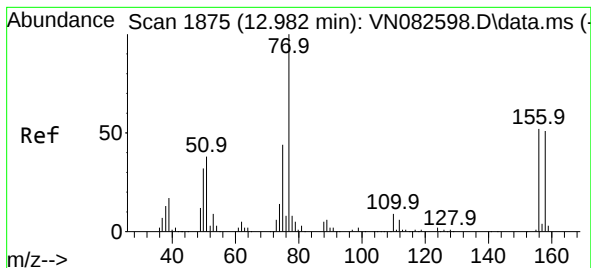
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#76
1,2,3-Trichloropropane
Concen: 17.698 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Tgt Ion: 75 Resp: 38689
Ion Ratio Lower Upper
75 100
77 222.2 110.9 332.6





#77

Bromobenzene

Concen: 20.076 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

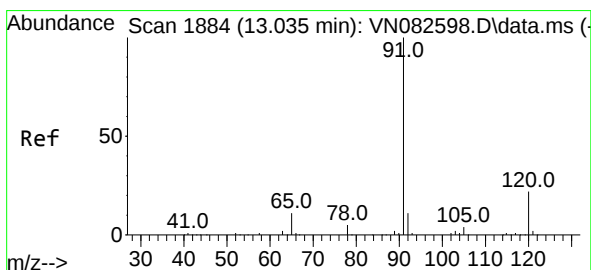
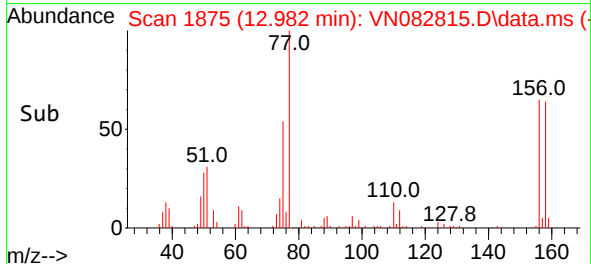
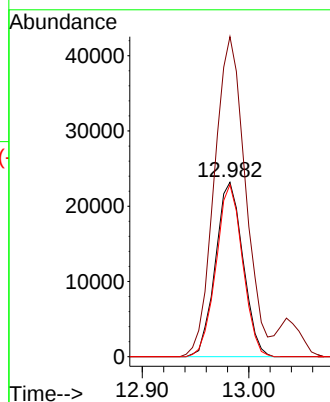
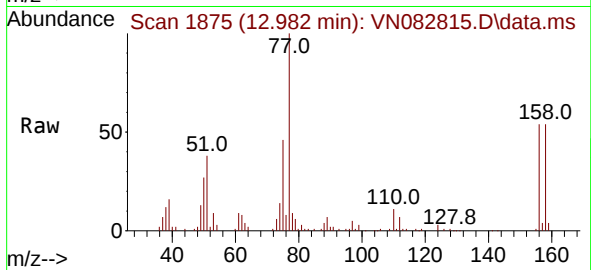
VSTDICC020

Tgt Ion:156 Resp: 41598
 Ion Ratio Lower Upper
 156 100
 77 206.7 111.3 333.8
 158 94.9 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#78

n-propylbenzene

Concen: 20.398 ug/l

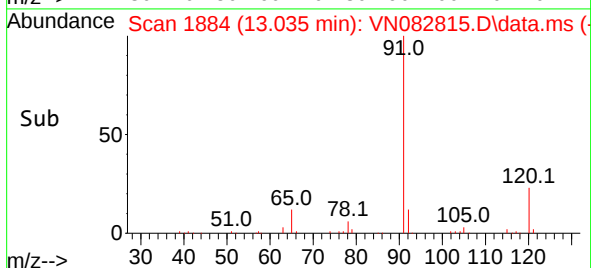
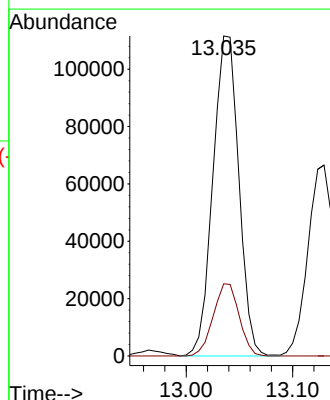
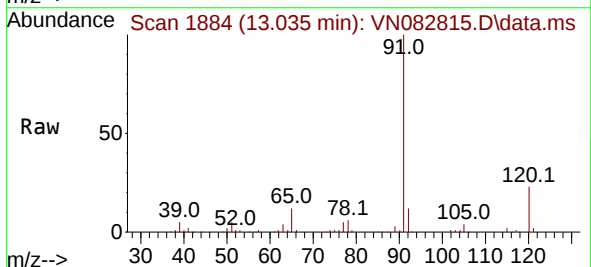
RT: 13.035 min Scan# 1884

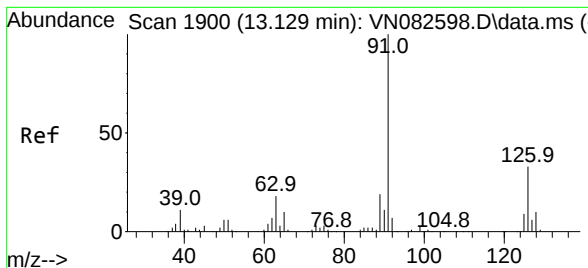
Delta R.T. 0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Tgt Ion: 91 Resp: 188334
 Ion Ratio Lower Upper
 91 100
 120 22.5 10.9 32.9





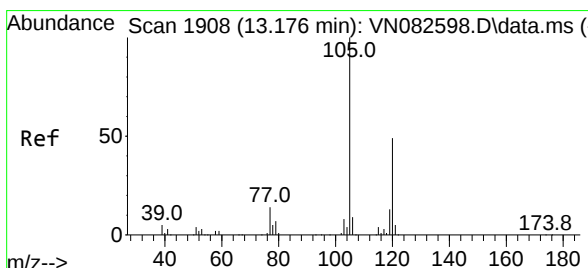
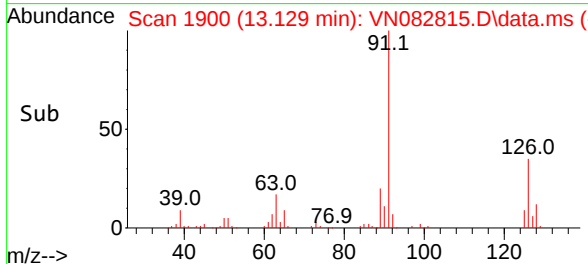
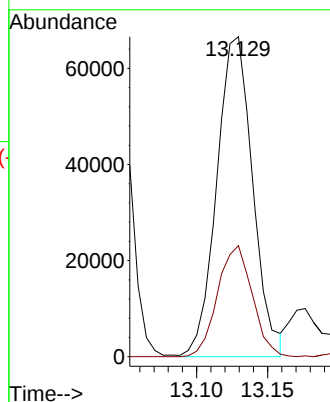
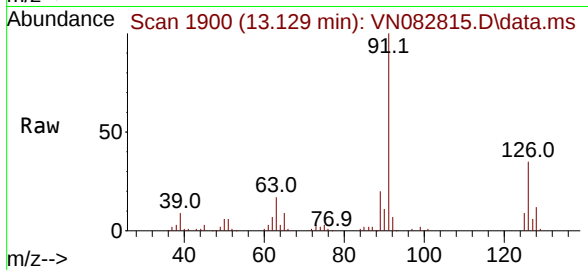
#79
2-Chlorotoluene
Concen: 19.957 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 117409
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

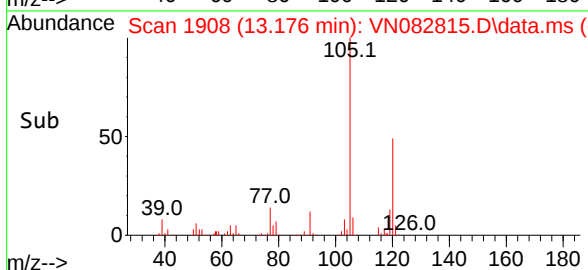
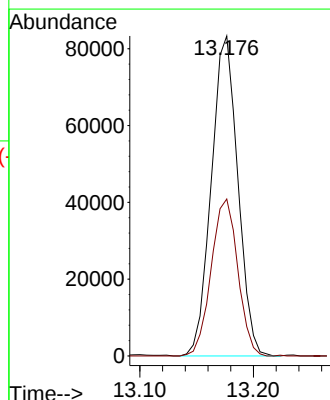
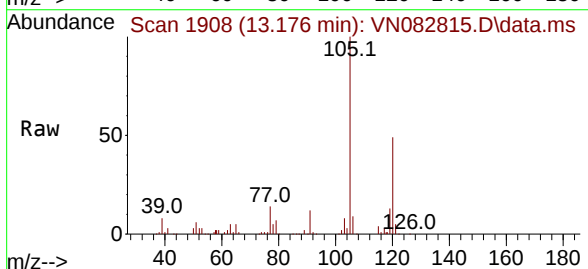
Manual Integrations
APPROVED

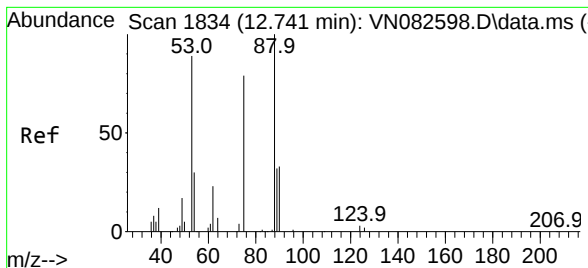
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.814 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

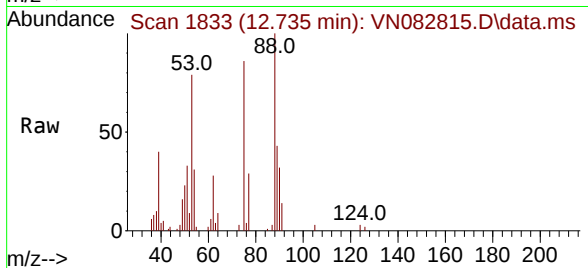
Tgt Ion:105 Resp: 135106
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.101 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

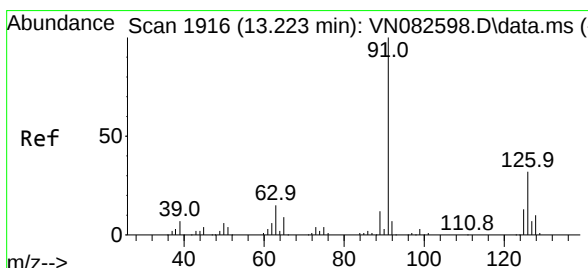
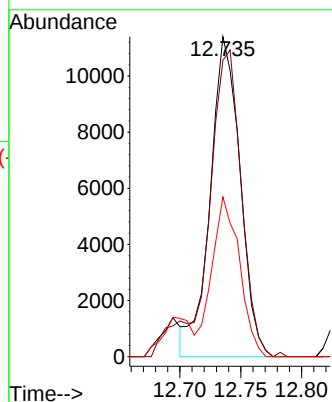
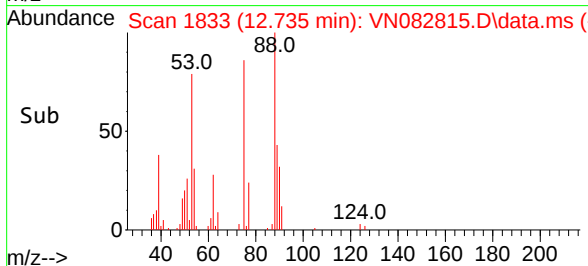
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 1947
Ion Ratio Lower Upper
75 100
53 106.9 88.4 132.6
89 46.3 36.3 54.5

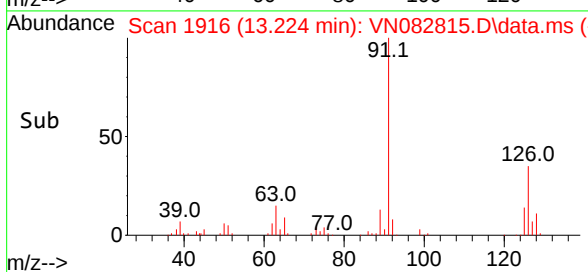
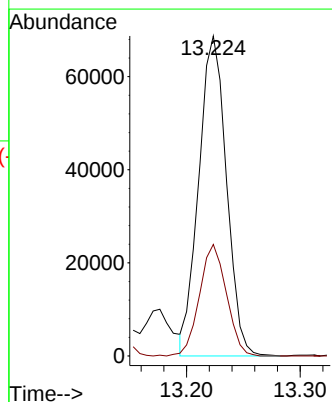
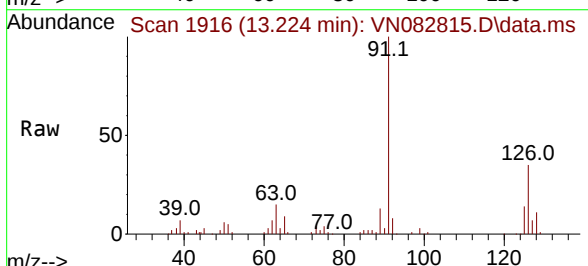
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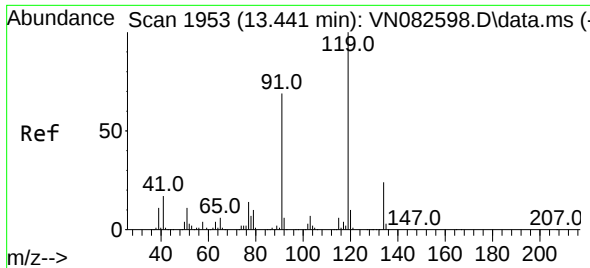
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#82
4-Chlorotoluene
Concen: 20.022 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

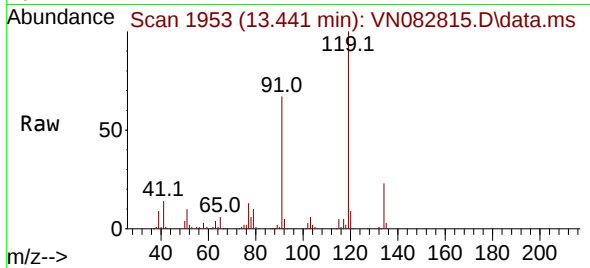
Tgt Ion: 91 Resp: 116588
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 20.486 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

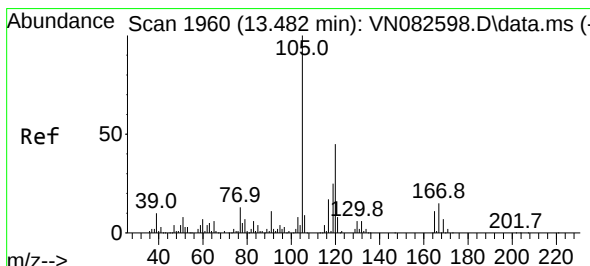
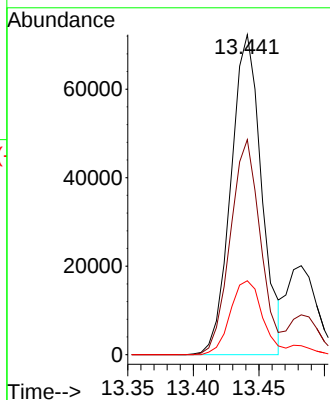
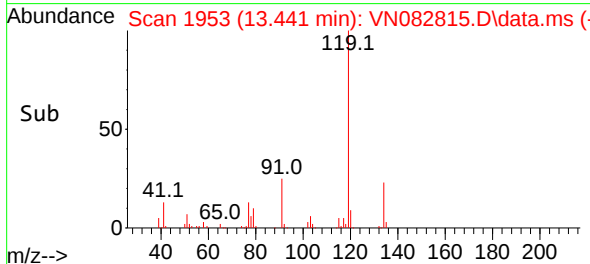
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:119 Resp: 11788
Ion Ratio Lower Upper
119 100
91 65.8 35.0 105.1
134 24.3 13.3 39.8

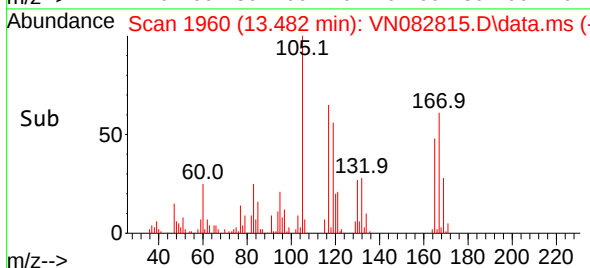
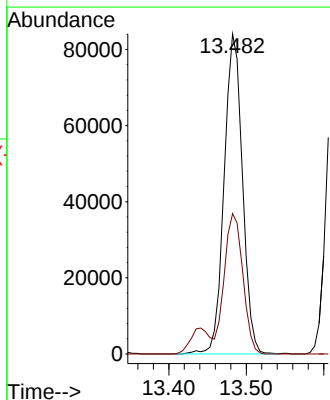
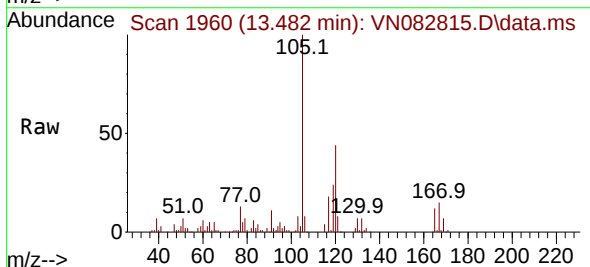
Manual Integrations
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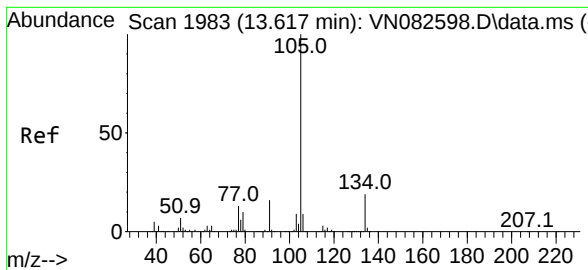
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.900 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

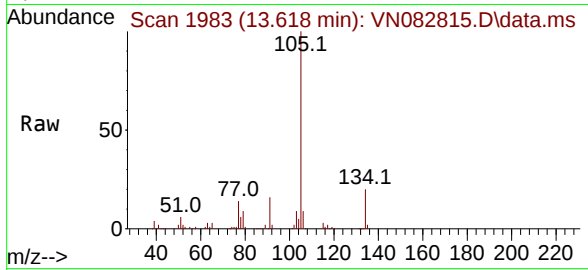
Tgt Ion:105 Resp: 138273
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 20.607 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

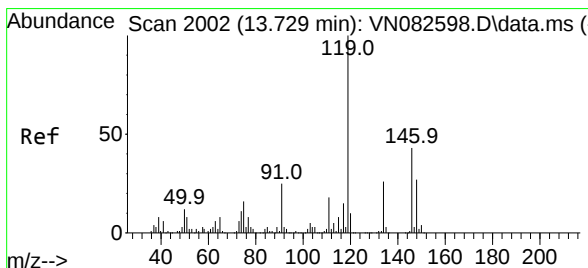
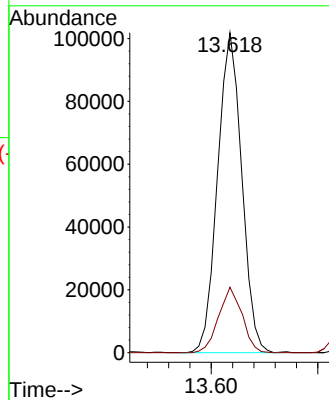
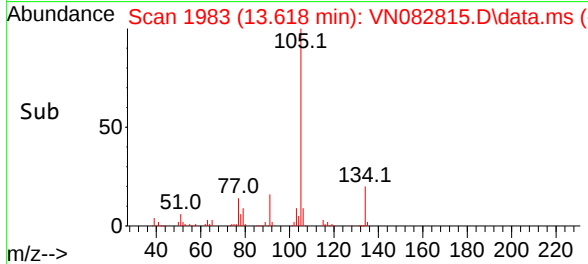
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



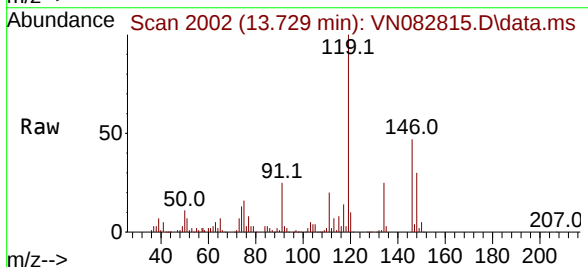
Tgt Ion:105 Resp: 160240
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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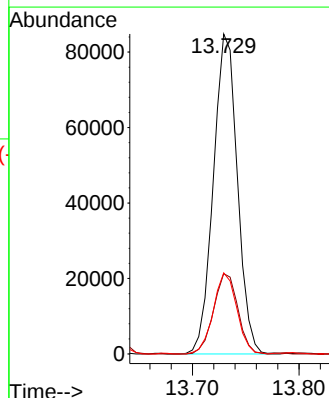
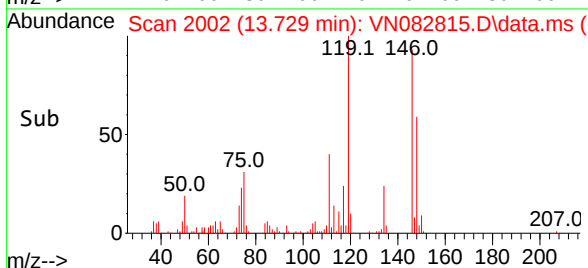
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024

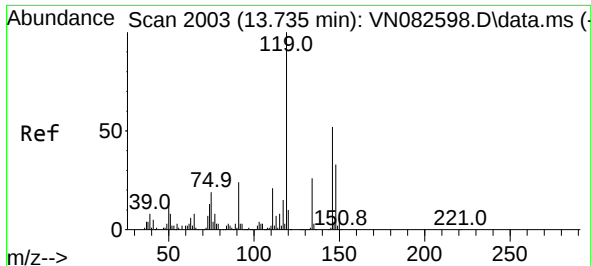


#86
 p-Isopropyltoluene
 Concen: 20.459 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34



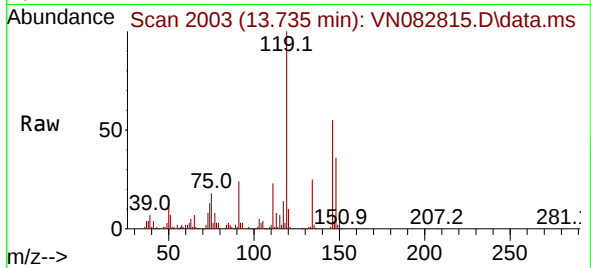
Tgt Ion:119 Resp: 132739
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 24.8 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 19.756 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

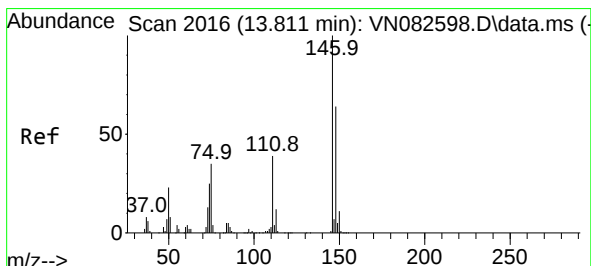
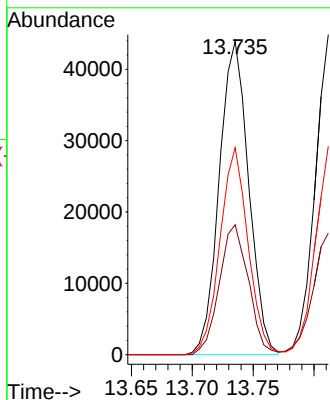
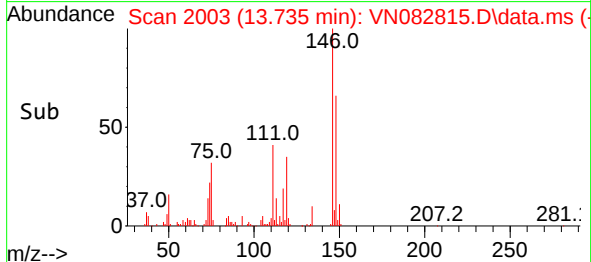
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



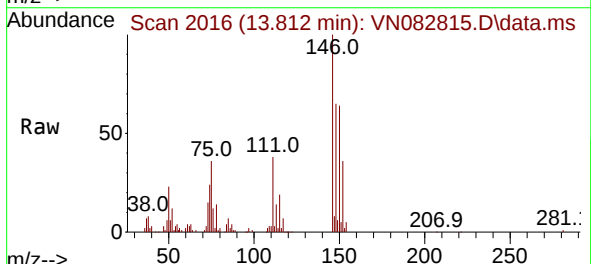
Tgt Ion:146 Resp: 7393
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.9
148 63.3 31.8 95.3

Manual Integrations
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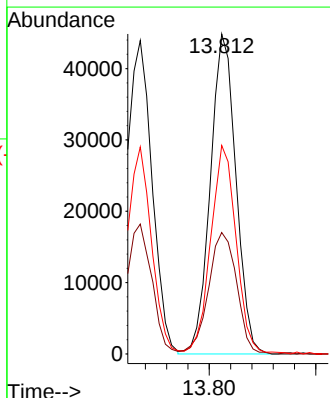
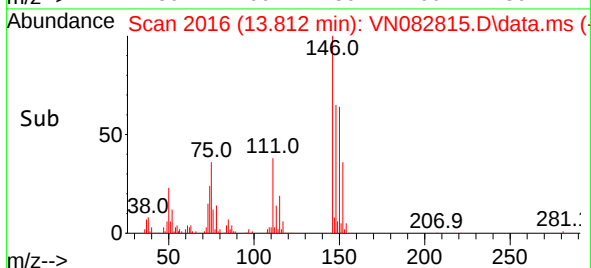
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

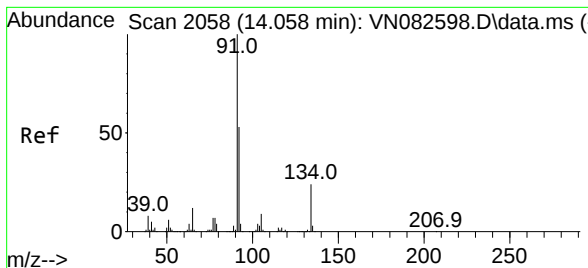


#88
1,4-Dichlorobenzene
Concen: 19.901 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34



Tgt Ion:146 Resp: 74739
Ion Ratio Lower Upper
146 100
111 41.9 20.1 60.3
148 65.0 32.2 96.6





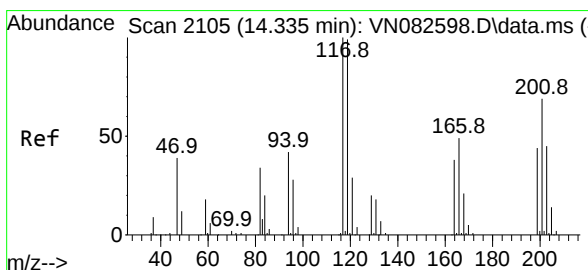
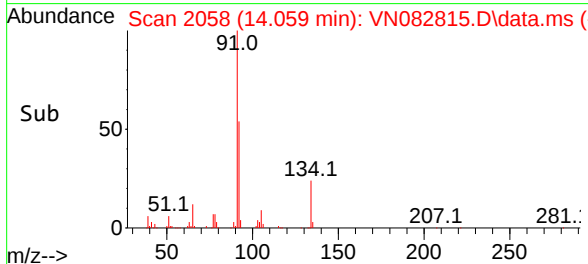
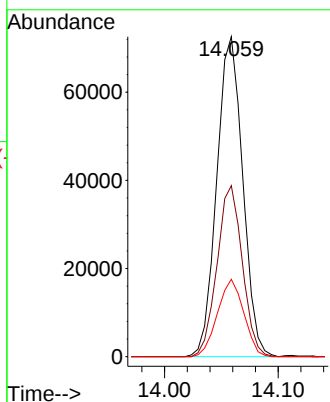
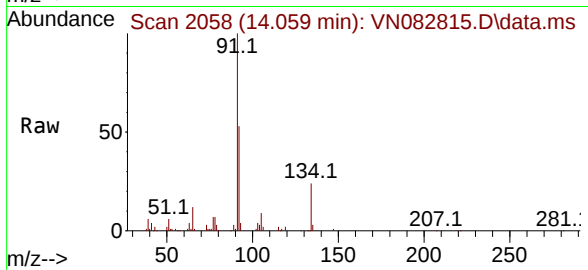
#89
n-Butylbenzene
Concen: 20.756 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 11537
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.3
134 24.5 12.1 36.3

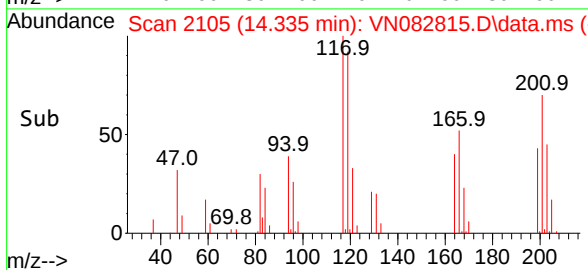
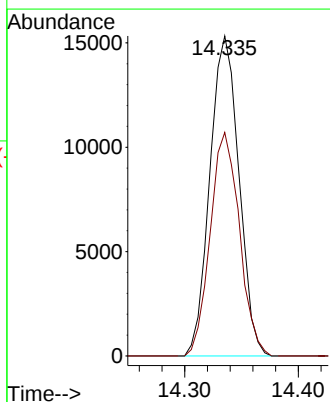
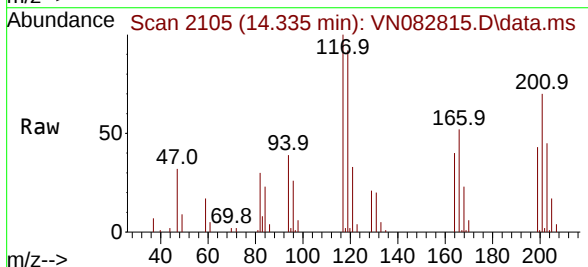
Manual Integrations
APPROVED

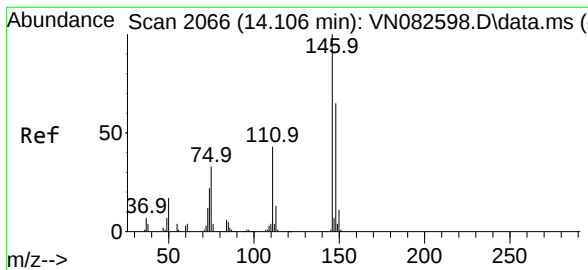
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#90
Hexachloroethane
Concen: 19.836 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

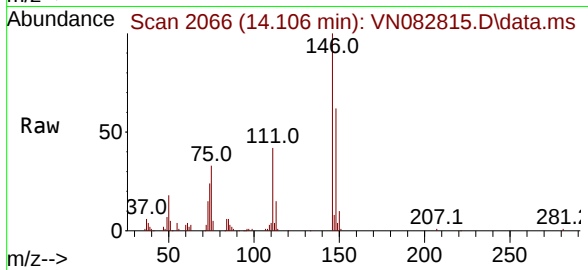
Tgt Ion:117 Resp: 27232
Ion Ratio Lower Upper
117 100
201 70.4 35.8 107.3





#91
 1,2-Dichlorobenzene
 Concen: 19.936 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

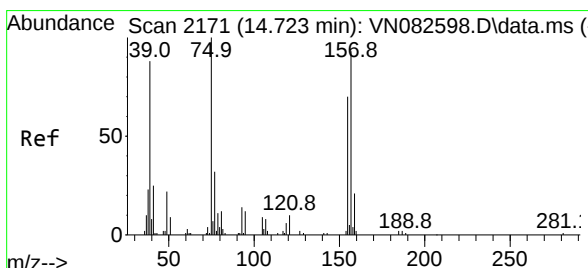
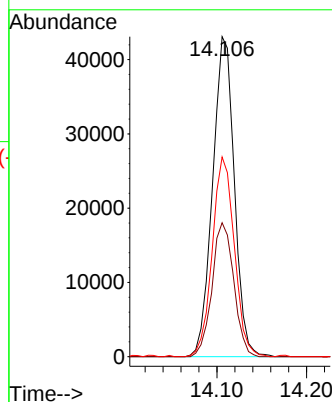
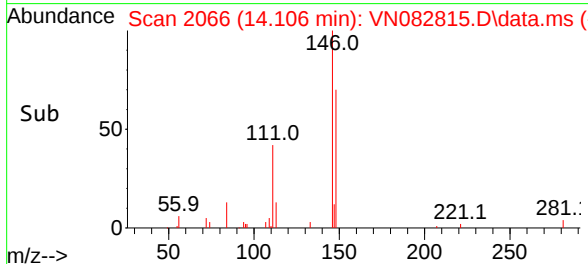
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:146 Resp: 72440
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.4 64.2
 148 63.4 32.1 96.5

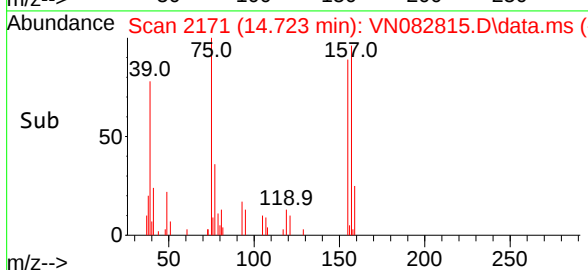
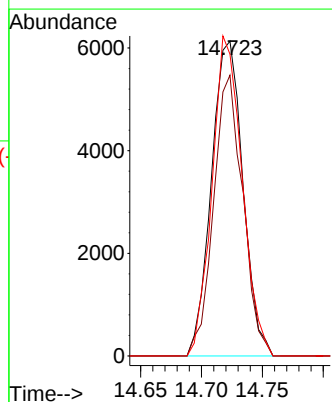
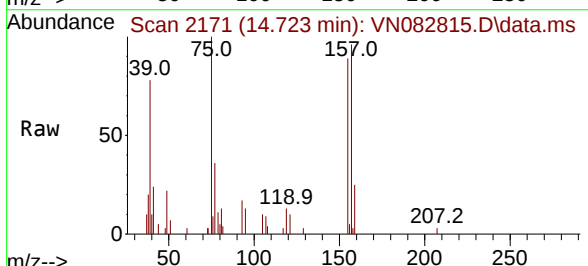
Manual Integrations
 APPROVED

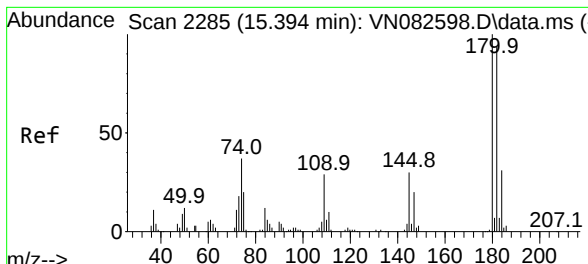
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.849 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082815.D
 Acq: 08 Jul 2024 11:34

Tgt Ion: 75 Resp: 11044
 Ion Ratio Lower Upper
 75 100
 155 82.9 36.6 109.8
 157 96.9 46.9 140.6





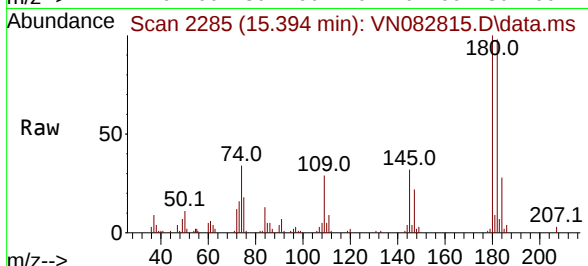
#93
1,2,4-Trichlorobenzene
Concen: 20.140 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



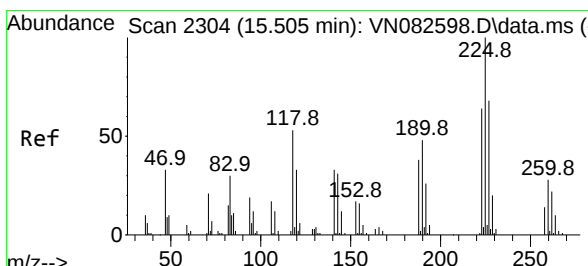
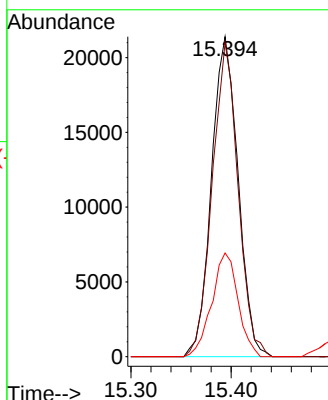
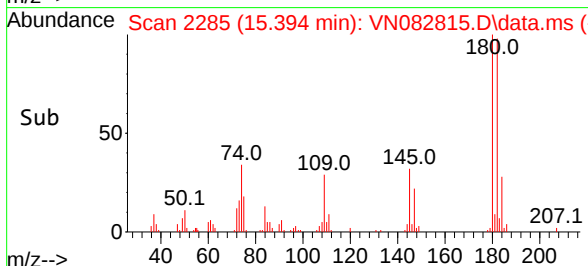
Tgt Ion:180 Resp: 39420
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 32.0 15.7 47.1

Manual Integrations

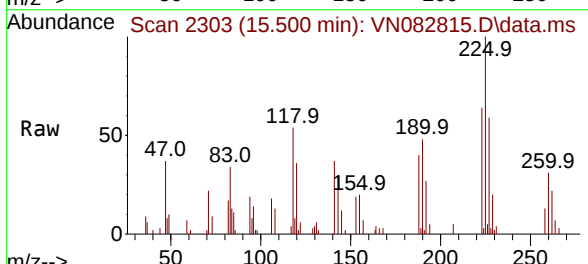
APPROVED

Reviewed By :John Carlone 07/08/2024

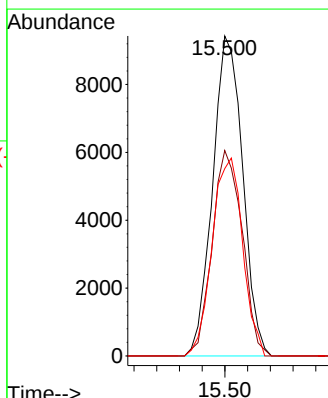
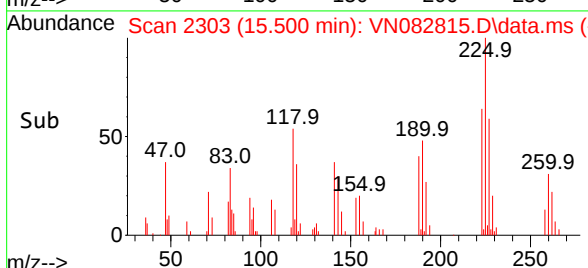
Supervised By :Mahesh Dadoda 07/09/2024

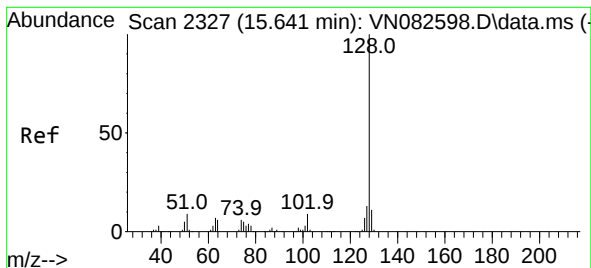


#94
Hexachlorobutadiene
Concen: 19.950 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082815.D
Acq: 08 Jul 2024 11:34



Tgt Ion:225 Resp: 17310
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.7
227 62.9 32.5 97.5





#95

Naphthalene

Concen: 20.117 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

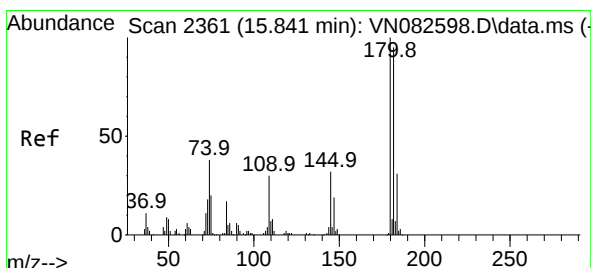
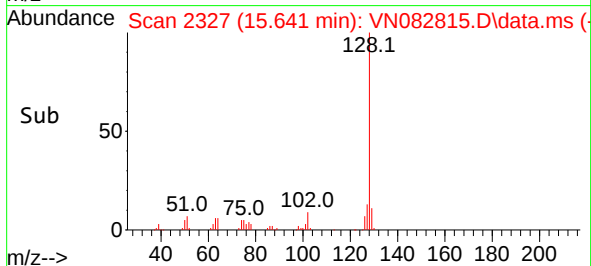
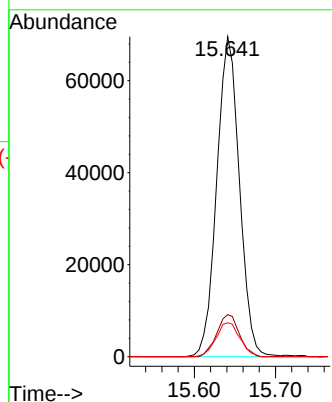
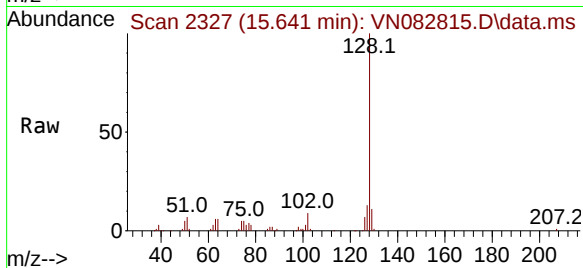
Tgt Ion:	128	Resp:	13486
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.868 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082815.D

Acq: 08 Jul 2024 11:34

Tgt Ion:	180	Resp:	39984
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.9	146.8
145	33.8	16.8	50.4

