

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082599.D
 Acq On : 17 Jun 2024 10:28
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 18 04:40:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	189277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	60870	20.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.100%#		
35) Dibromofluoromethane	8.165	113	42641	19.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.780%#		
50) Toluene-d8	10.571	98	160076	19.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.500%#		
62) 4-Bromofluorobenzene	12.853	95	55106	19.716	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	39.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50177	18.982	ug/l	99
3) Chloromethane	2.359	50	59705	18.841	ug/l	98
4) Vinyl Chloride	2.512	62	59152	19.614	ug/l	100
5) Bromomethane	2.942	94	38338	19.748	ug/l	90
6) Chloroethane	3.112	64	39737	18.478	ug/l	92
7) Trichlorofluoromethane	3.489	101	75955	19.305	ug/l	95
8) Diethyl Ether	3.953	74	26528	19.798	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	42829	19.434	ug/l	99
10) Methyl Iodide	4.583	142	41241	19.646	ug/l	95
11) Tert butyl alcohol	5.530	59	49781	100.209	ug/l	99
12) 1,1-Dichloroethene	4.336	96	39943	18.953	ug/l	96
13) Acrolein	4.177	56	46722	92.326	ug/l	99
14) Allyl chloride	5.018	41	81281	19.721	ug/l	97
15) Acrylonitrile	5.724	53	130405	99.447	ug/l	99
16) Acetone	4.430	43	123384	89.381	ug/l	98
17) Carbon Disulfide	4.712	76	126959	18.970	ug/l	97
18) Methyl Acetate	5.024	43	63749	18.882	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	145654	20.191	ug/l	97
20) Methylene Chloride	5.277	84	47095	19.277	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	43752	19.534	ug/l	96
22) Diisopropyl ether	6.671	45	172817	19.993	ug/l	95
23) Vinyl Acetate	6.606	43	714363	104.219	ug/l	99
24) 1,1-Dichloroethane	6.565	63	91681	19.580	ug/l	99
25) 2-Butanone	7.488	43	189632	96.647	ug/l	99
26) 2,2-Dichloropropane	7.488	77	79851	19.658	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	51653	19.140	ug/l	100
28) Bromochloromethane	7.818	49	41906	19.611	ug/l	98
29) Tetrahydrofuran	7.847	42	119685	99.642	ug/l	99
30) Chloroform	7.971	83	89189	19.527	ug/l	98
31) Cyclohexane	8.259	56	83616	19.088	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	81289	19.626	ug/l	98
36) 1,1-Dichloropropene	8.377	75	63096	19.688	ug/l	100
37) Ethyl Acetate	7.565	43	77516	18.989	ug/l	98
38) Carbon Tetrachloride	8.365	117	69626	19.278	ug/l	99
39) Methylcyclohexane	9.606	83	65892	19.537	ug/l	94
40) Benzene	8.606	78	192654	19.455	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	40791	19.548	ug/l	98
42) 1,2-Dichloroethane	8.671	62	74384	19.748	ug/l	100
43) Isopropyl Acetate	8.694	43	140152	18.558	ug/l	100
44) Trichloroethene	9.353	130	44144	19.198	ug/l	96
45) 1,2-Dichloropropane	9.624	63	50792	19.927	ug/l	99
46) Dibromomethane	9.712	93	33391	19.326	ug/l	98
47) Bromodichloromethane	9.888	83	73716	20.012	ug/l	99
48) Methyl methacrylate	9.682	41	61978	19.707	ug/l	99
49) 1,4-Dioxane	9.700	88	19960	405.740	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	394081	100.709	ug/l	100
52) Toluene	10.629	92	119252	19.872	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	74745	19.849	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	79876	20.512	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	44407	20.445	ug/l	96
56) Ethyl methacrylate	10.876	69	72510	20.156	ug/l	99
57) 1,3-Dichloropropane	11.165	76	79225	19.730	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	191119	100.427	ug/l	99
59) 2-Hexanone	11.200	43	297262	99.950	ug/l	100
60) Dibromochloromethane	11.365	129	52687	19.871	ug/l	99
61) 1,2-Dibromoethane	11.471	107	45057	19.675	ug/l	97
64) Tetrachloroethene	11.106	164	44812	19.049	ug/l	92
65) Chlorobenzene	11.894	112	128137	19.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	46224	19.813	ug/l	99
67) Ethyl Benzene	11.965	91	222725	19.978	ug/l	99
68) m/p-Xylenes	12.076	106	170831	41.189	ug/l	99
69) o-Xylene	12.400	106	79540	20.413	ug/l	99
70) Styrene	12.412	104	136072	20.575	ug/l	99
71) Bromoform	12.582	173	36117	19.581	ug/l #	97
73) Isopropylbenzene	12.700	105	201962	19.597	ug/l	98
74) N-amyl acetate	12.494	43	109938	19.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	64117	19.074	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	64068m	20.392	ug/l	
77) Bromobenzene	12.982	156	51044	19.243	ug/l	97
78) n-propylbenzene	13.035	91	244117	20.026	ug/l	100
79) 2-Chlorotoluene	13.129	91	152660	19.970	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	172897	20.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25390	18.662	ug/l	97
82) 4-Chlorotoluene	13.223	91	152737	20.001	ug/l	100
83) tert-Butylbenzene	13.441	119	143324	20.119	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	173666	20.700	ug/l	98
85) sec-Butylbenzene	13.617	105	204867	20.249	ug/l	99
86) p-Isopropyltoluene	13.729	119	168719	20.708	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	94346	19.616	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	93987	19.446	ug/l	99
89) n-Butylbenzene	14.059	91	143451	19.849	ug/l	99
90) Hexachloroethane	14.335	117	34185	19.284	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	89395	19.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13435	18.885	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	48232	19.477	ug/l	99
94) Hexachlorobutadiene	15.506	225	22468	18.402	ug/l	99
95) Naphthalene	15.641	128	153603	20.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49002	19.417	ug/l	98

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MSVOA_N
ClientSampleId :
VSTDICC020

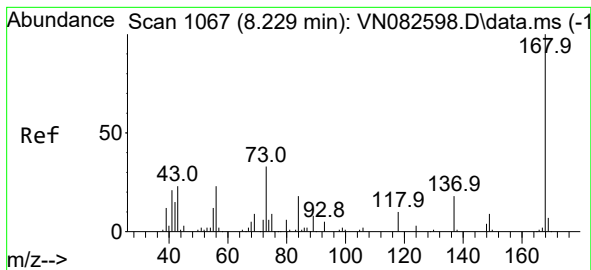
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:40:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:36:51 2024
Response via : Initial Calibration

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: 8.224 min Scan# 1067

Delta R.T. -0.005 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:168 Resp: 18927

Ion Ratio Lower Upper

168 100

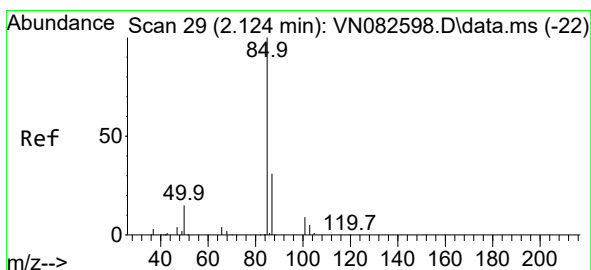
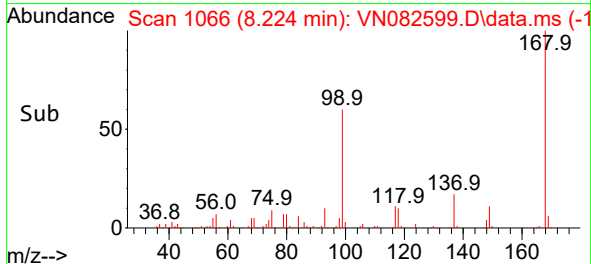
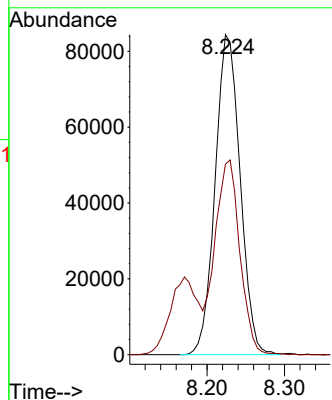
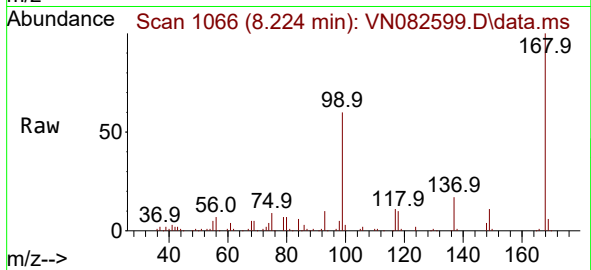
99 59.3 48.2 72.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.982 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082599.D

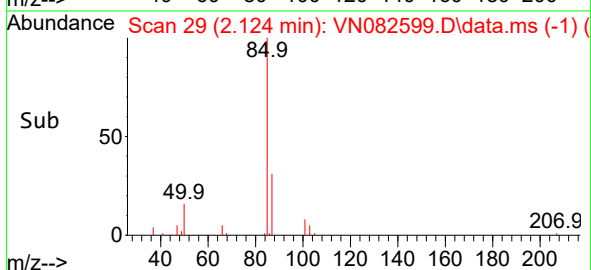
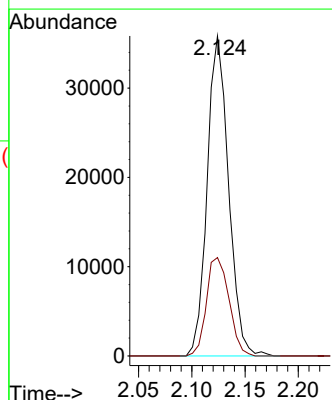
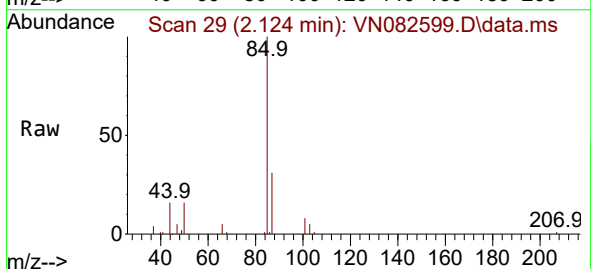
Acq: 17 Jun 2024 10:28

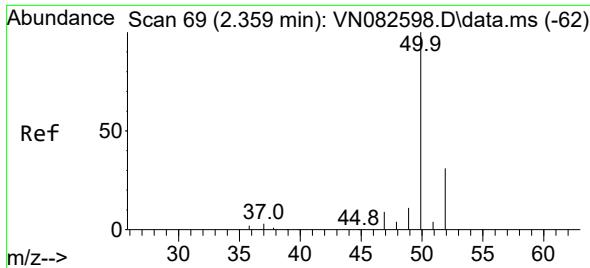
Tgt Ion: 85 Resp: 50177

Ion Ratio Lower Upper

85 100

87 30.8 15.7 47.0





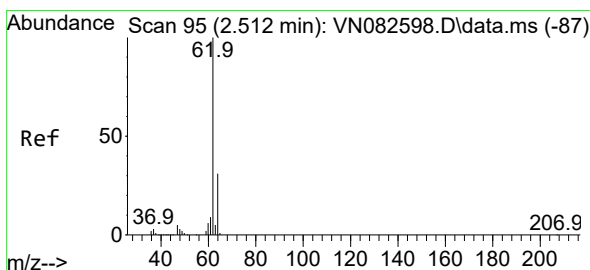
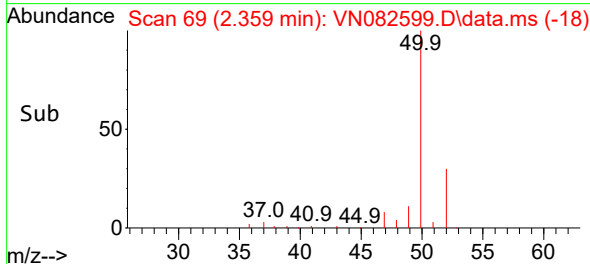
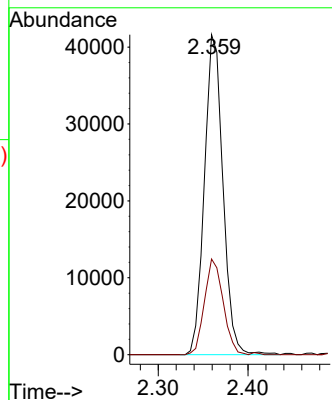
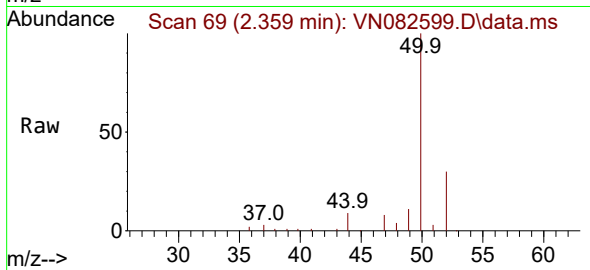
#3
Chloromethane
Concen: 18.841 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 5970
Ion Ratio Lower Upper
50 100
52 29.9 25.0 37.4

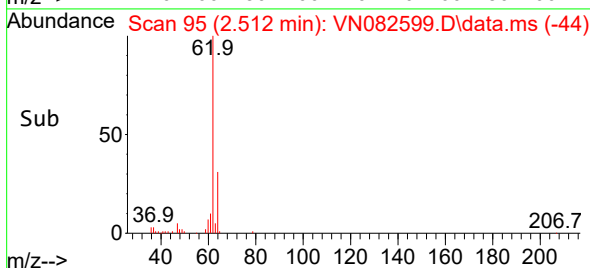
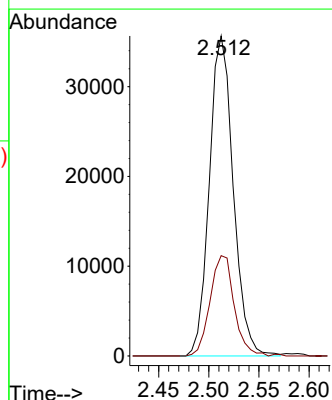
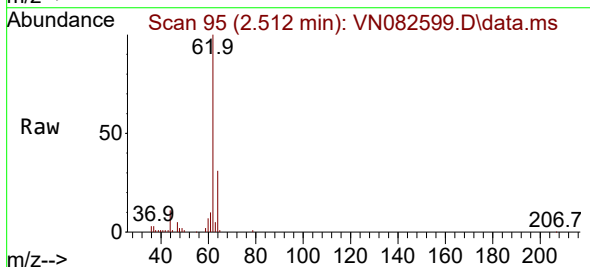
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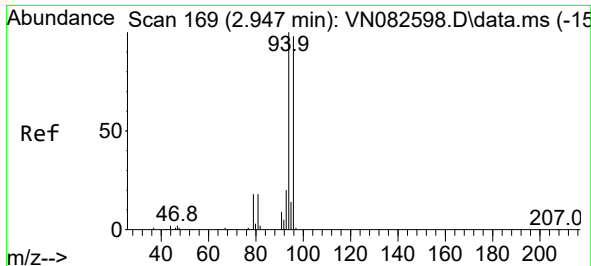
Reviewed By :John Carlone 06/18/2024
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#4
Vinyl Chloride
Concen: 19.614 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

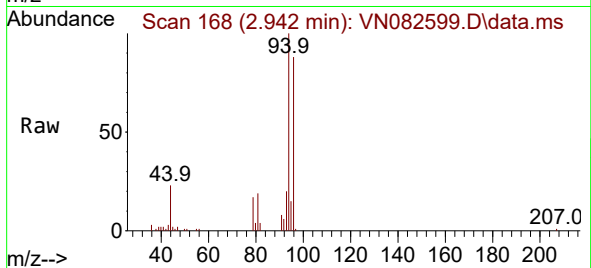
Tgt Ion: 62 Resp: 59152
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6





#5
Bromomethane
Concen: 19.748 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.005 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

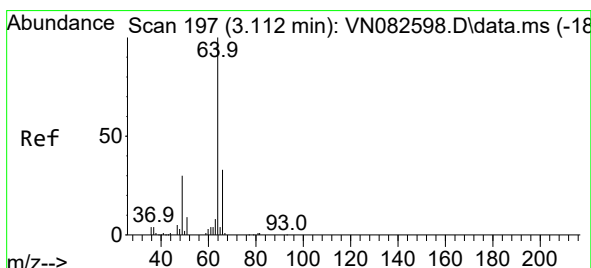
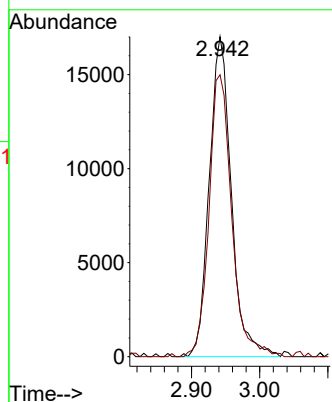
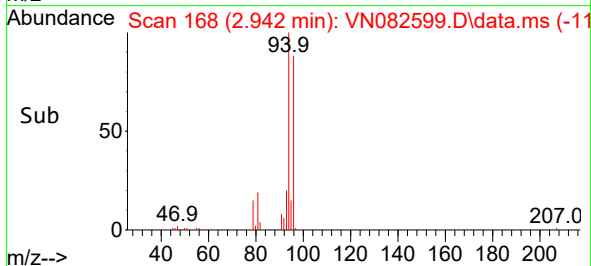
Instrument :
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Tgt Ion: 94 Resp: 38338
Ion Ratio Lower Upper
94 100
96 88.1 78.0 117.0

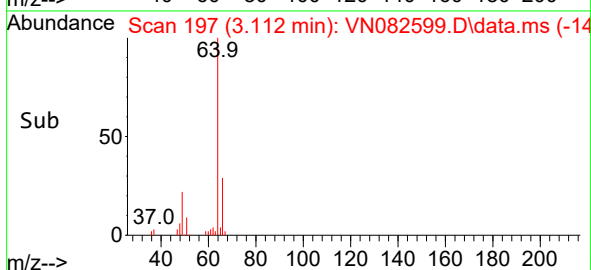
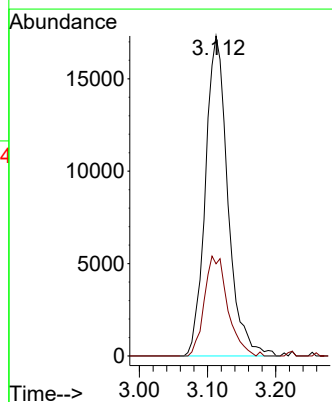
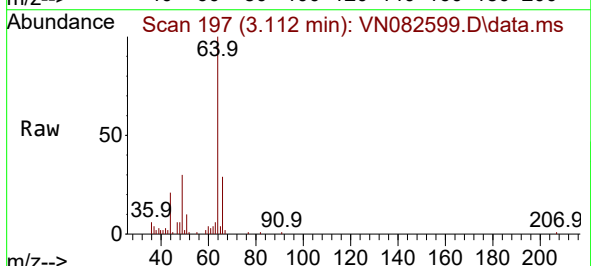
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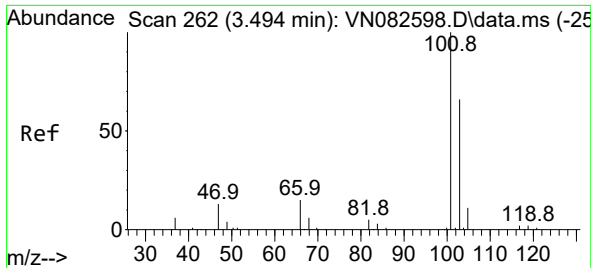
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#6
Chloroethane
Concen: 18.478 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion: 64 Resp: 39737
Ion Ratio Lower Upper
64 100
66 28.8 26.6 40.0





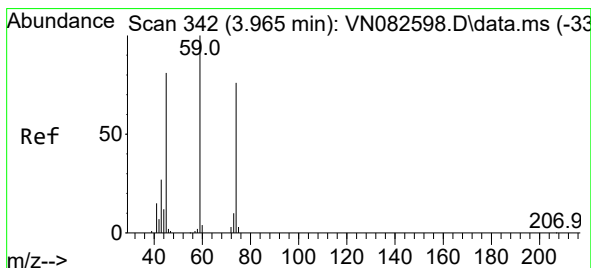
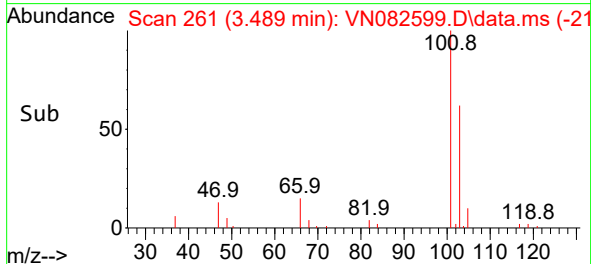
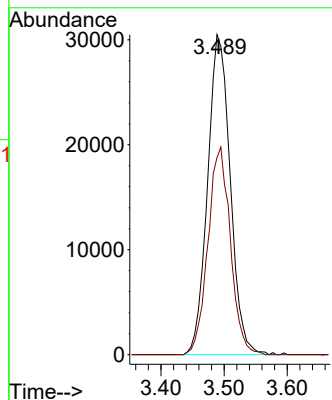
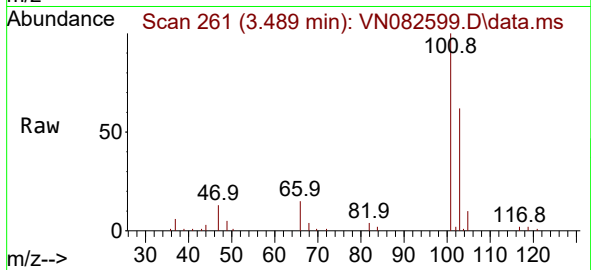
#7
 Trichlorofluoromethane
 Concen: 19.305 ug/l
 RT: 3.489 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 7595
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.7 79.1

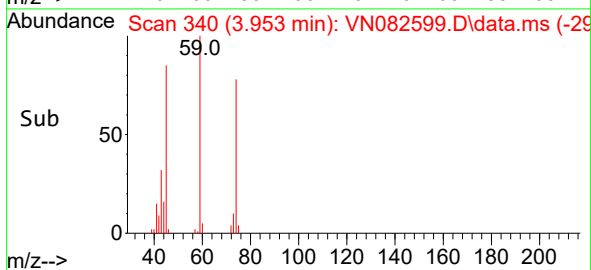
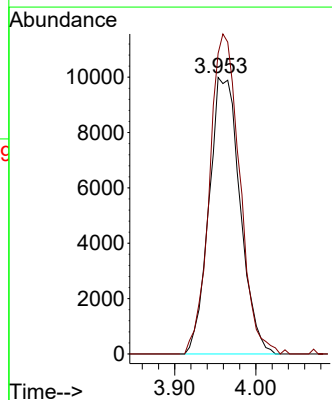
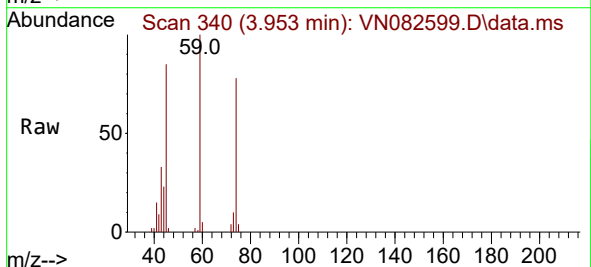
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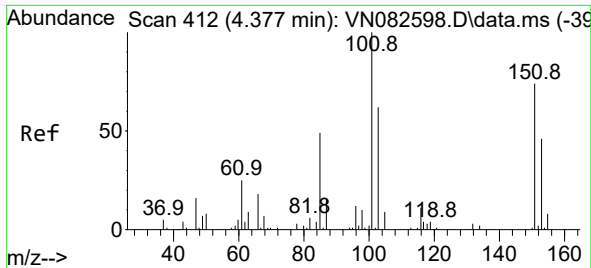
Reviewed By :John Carlone 06/18/2024
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#8
 Diethyl Ether
 Concen: 19.798 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28

Tgt Ion: 74 Resp: 26528
 Ion Ratio Lower Upper
 74 100
 45 112.5 55.5 166.3





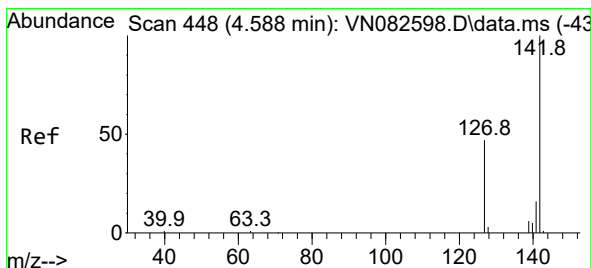
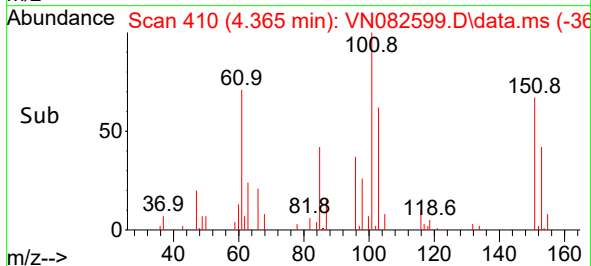
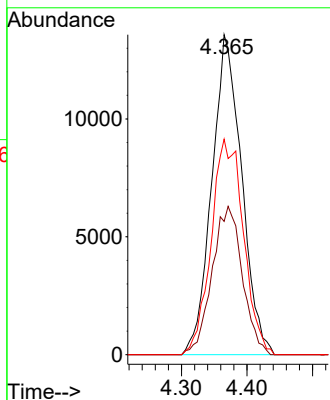
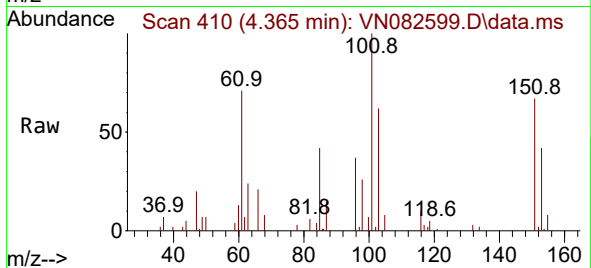
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.434 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 42829
Ion Ratio Lower Upper
101 100
85 47.2 38.3 57.5
151 72.9 59.3 88.9

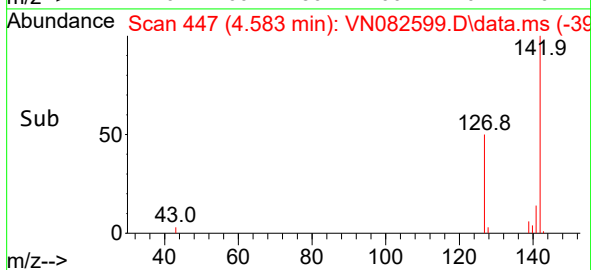
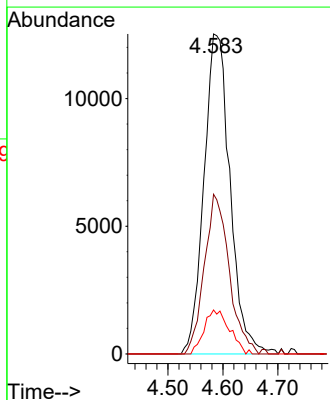
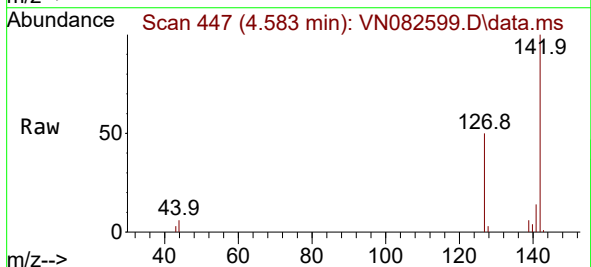
Manual Integrations
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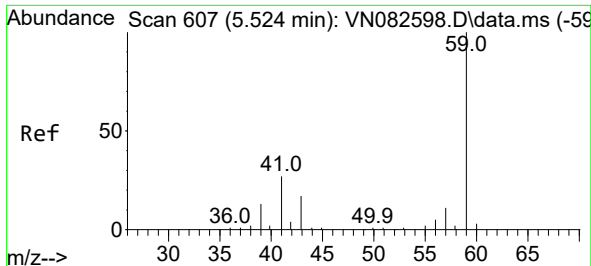
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#10
Methyl Iodide
Concen: 19.646 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion:142 Resp: 41241
Ion Ratio Lower Upper
142 100
127 49.9 37.5 56.3
141 13.7 13.1 19.7





#11

Tert butyl alcohol

Concen: 100.209 ug/l

RT: 5.530 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 4978

Ion Ratio Lower Upper

59 100

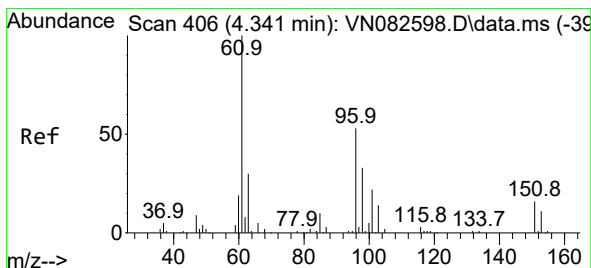
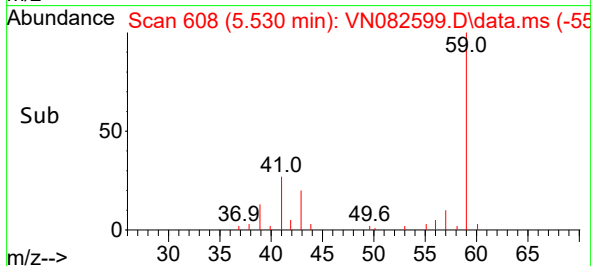
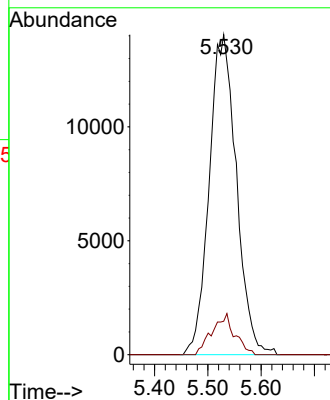
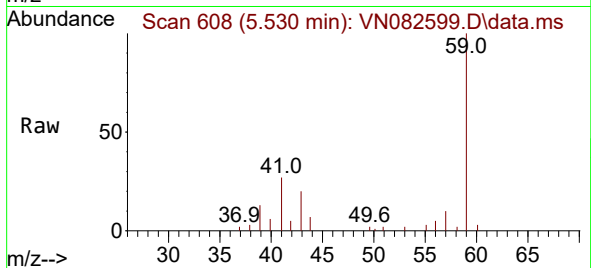
57 10.7 8.9 13.3

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#12

1,1-Dichloroethene

Concen: 18.953 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

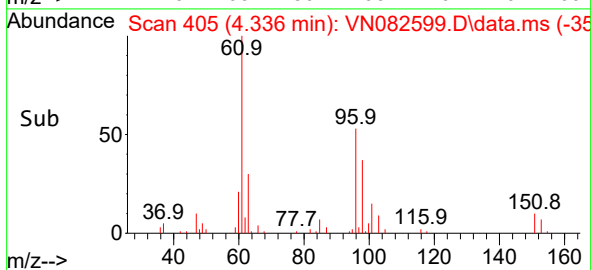
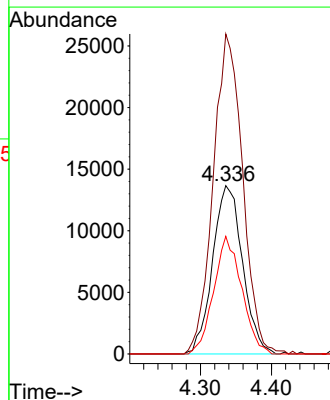
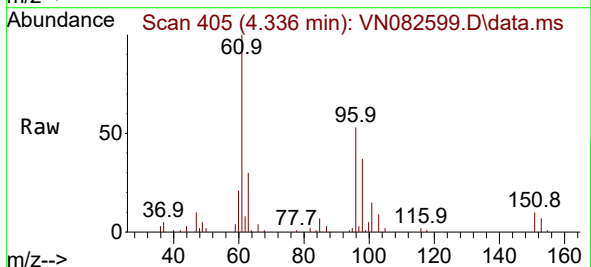
Tgt Ion: 96 Resp: 39943

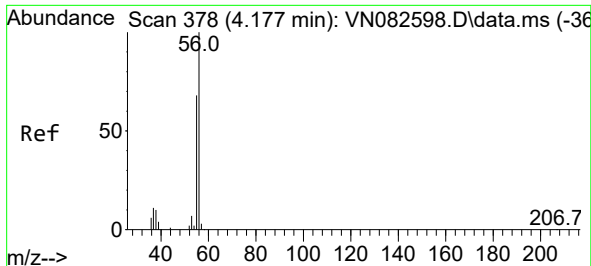
Ion Ratio Lower Upper

96 100

61 190.1 149.7 224.5

98 69.9 50.1 75.1





#13

Acrolein

Concen: 92.326 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 4672

Ion Ratio Lower Upper

56 100

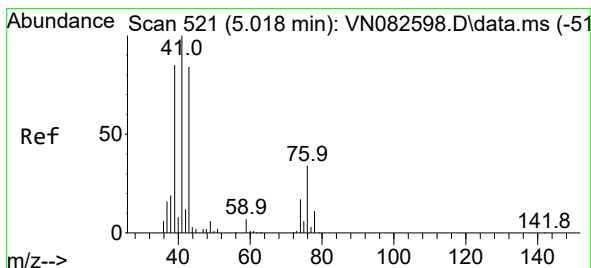
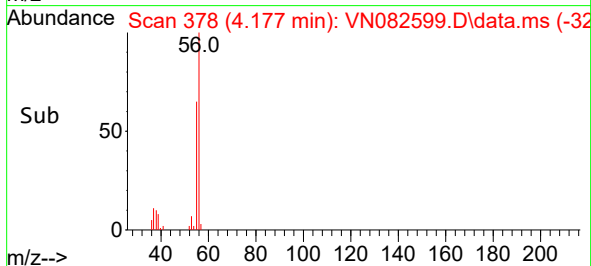
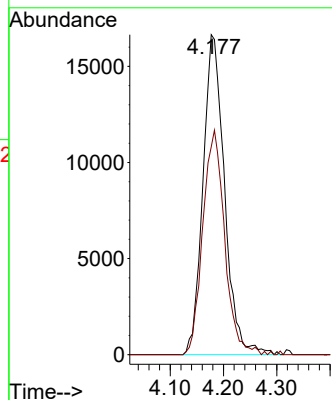
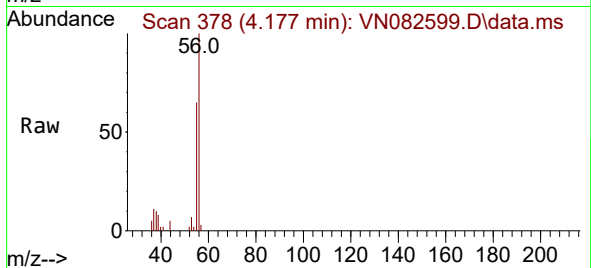
55 71.2 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#14

Allyl chloride

Concen: 19.721 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

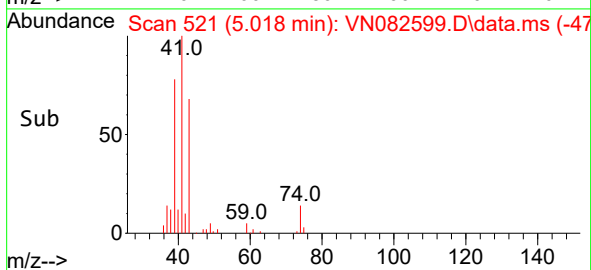
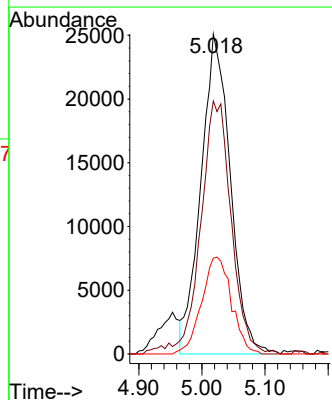
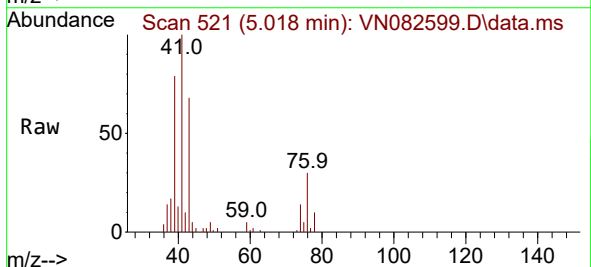
Tgt Ion: 41 Resp: 81281

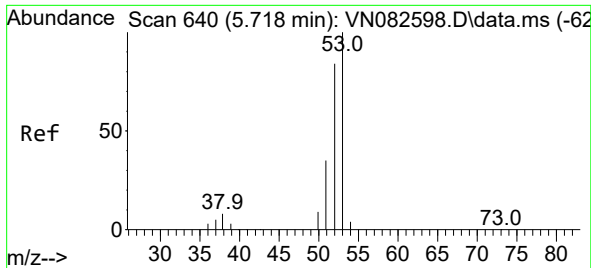
Ion Ratio Lower Upper

41 100

39 82.3 67.8 101.6

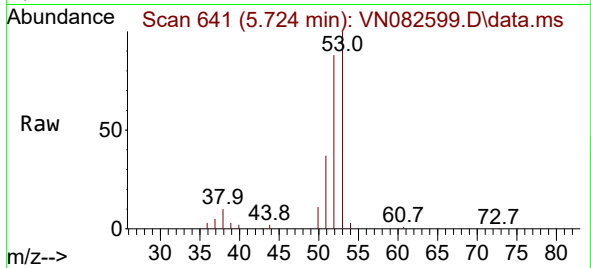
76 30.8 25.8 38.8





#15
Acrylonitrile
Concen: 99.447 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

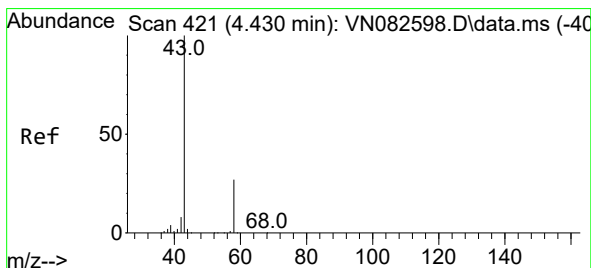
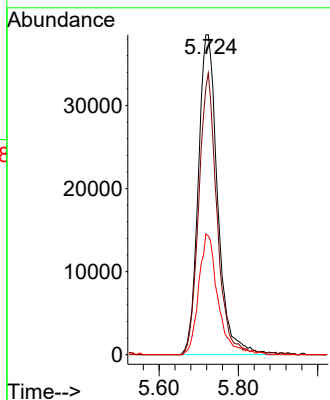
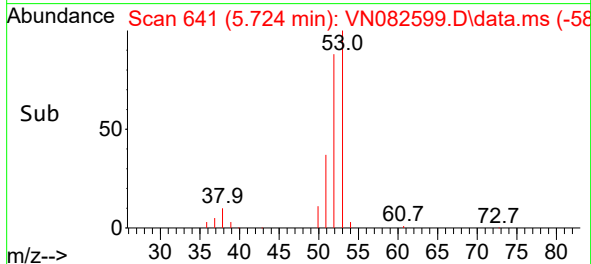
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 130409
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 37.5 30.1 45.1

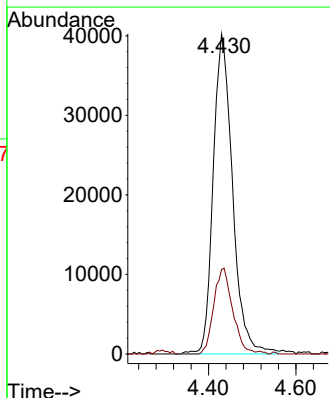
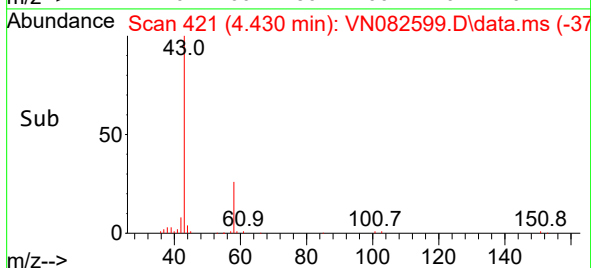
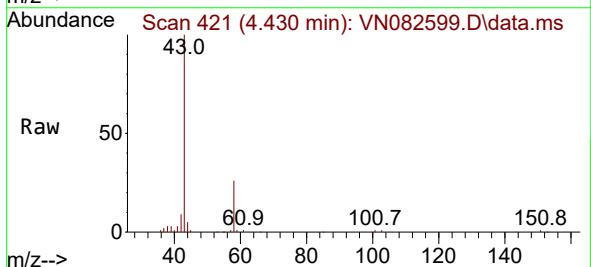
Manual Integrations
APPROVED

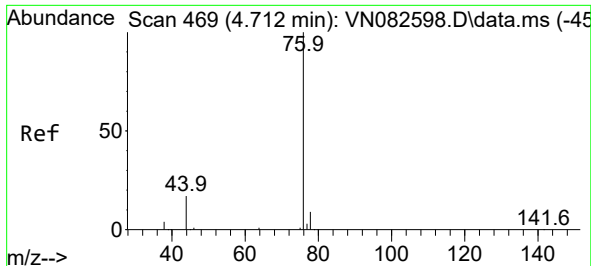
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#16
Acetone
Concen: 89.381 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

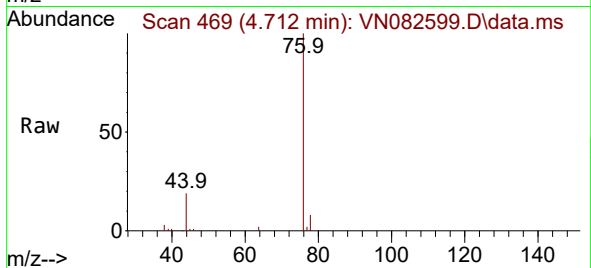
Tgt Ion: 43 Resp: 123384
Ion Ratio Lower Upper
43 100
58 26.4 21.8 32.6





#17
Carbon Disulfide
Concen: 18.970 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

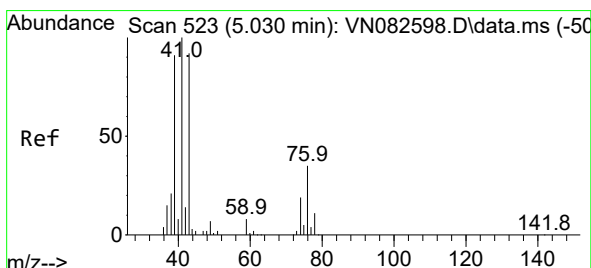
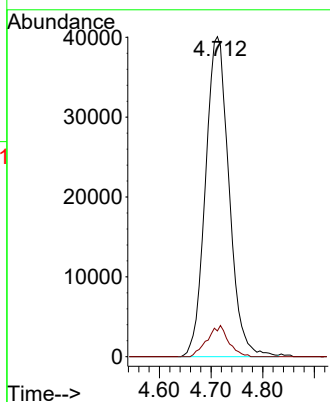
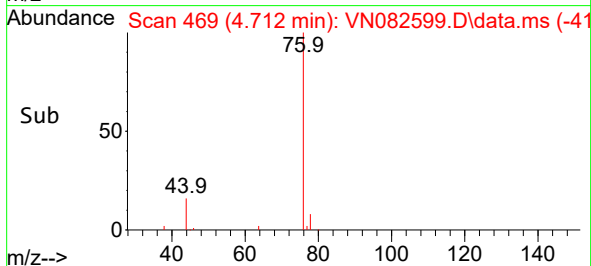
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



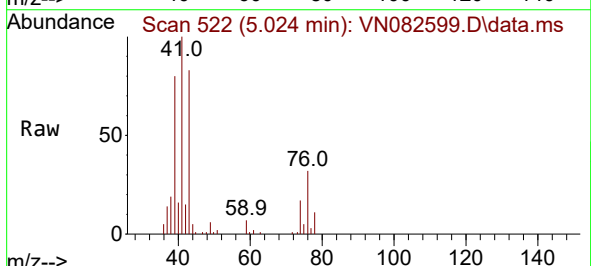
Tgt Ion: 76 Resp: 126959
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

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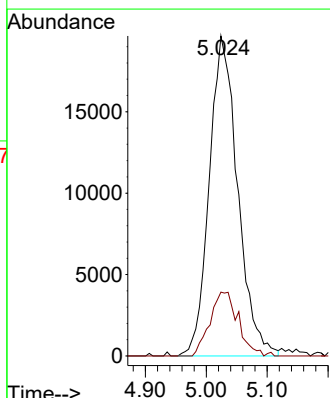
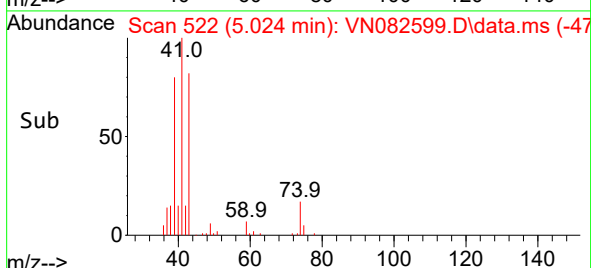
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

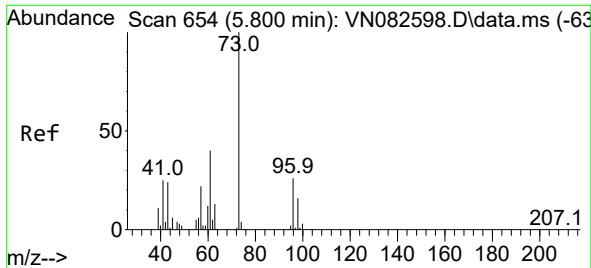


#18
Methyl Acetate
Concen: 18.882 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



Tgt Ion: 43 Resp: 63749
Ion Ratio Lower Upper
43 100
74 20.0 16.3 24.5





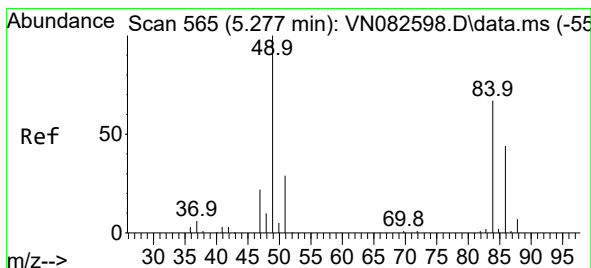
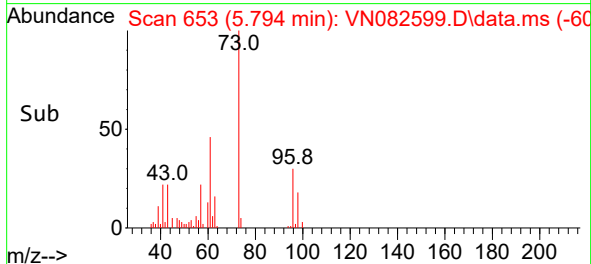
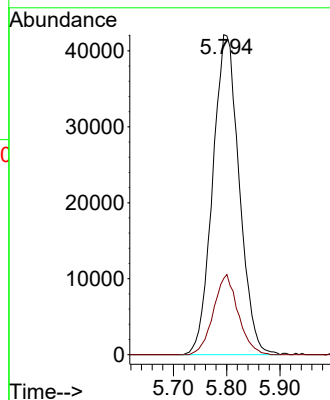
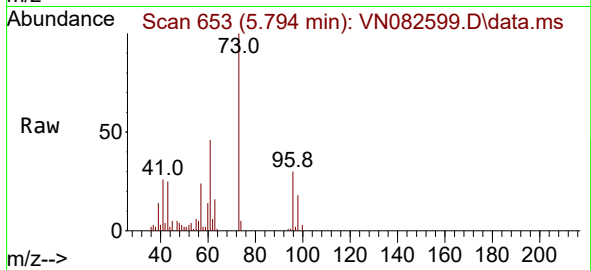
#19
Methyl tert-butyl Ether
Concen: 20.191 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 145654
Ion Ratio Lower Upper
73 100
57 23.8 17.9 26.9

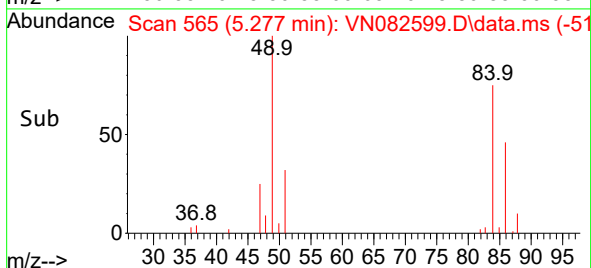
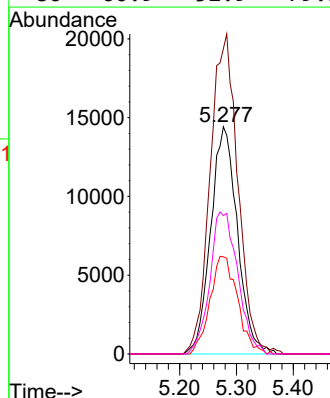
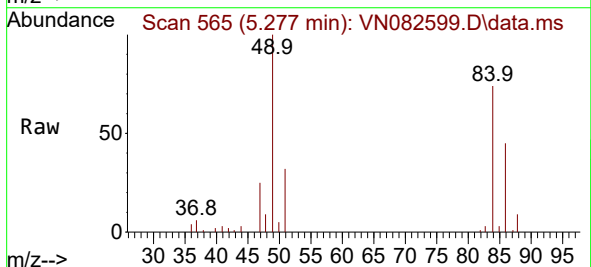
Manual Integrations
APPROVED

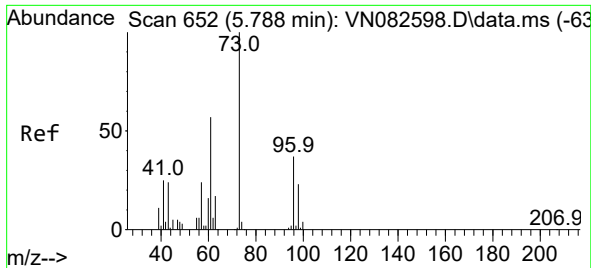
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#20
Methylene Chloride
Concen: 19.277 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

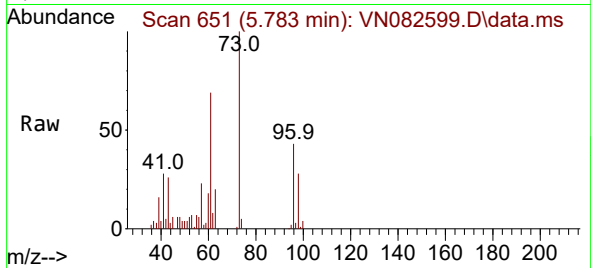
Tgt Ion: 84 Resp: 47095
Ion Ratio Lower Upper
84 100
49 134.4 119.6 179.4
51 42.7 34.8 52.2
86 60.9 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.534 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

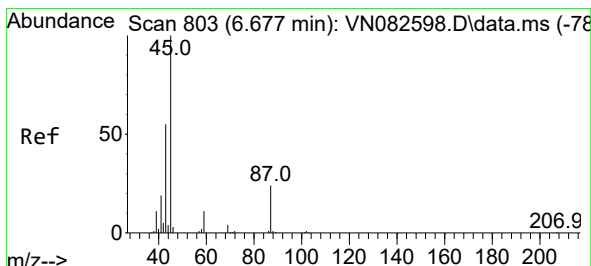
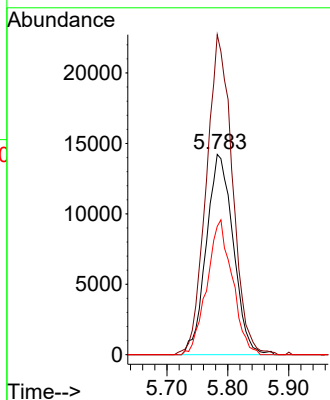
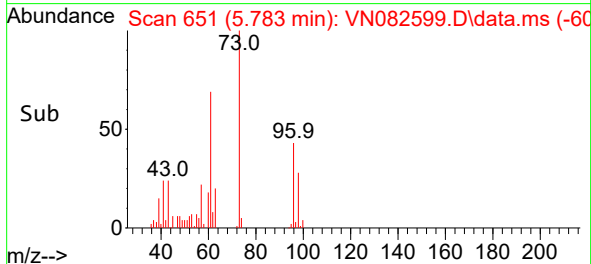
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 43752
Ion Ratio Lower Upper
96 100
61 159.7 123.4 185.2
98 64.1 49.3 73.9

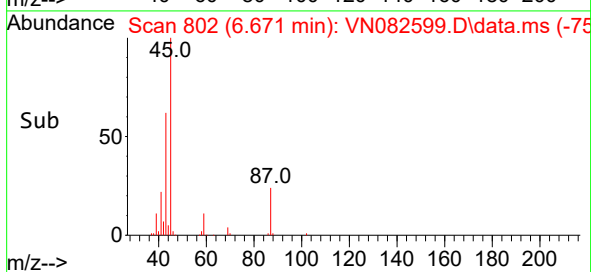
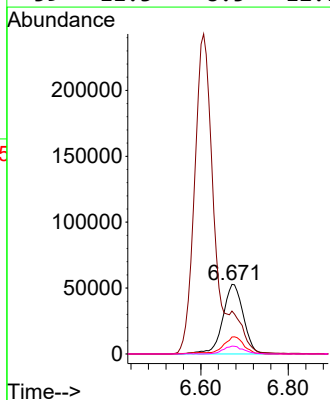
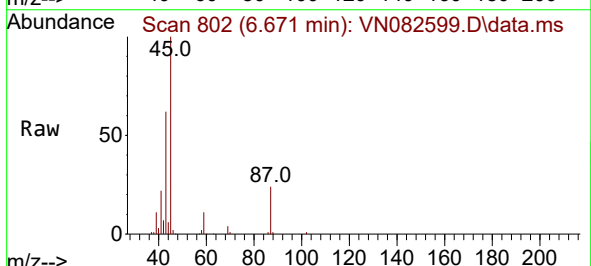
Manual Integrations
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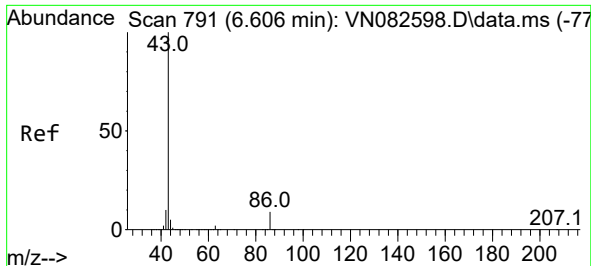
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#22
Diisopropyl ether
Concen: 19.993 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

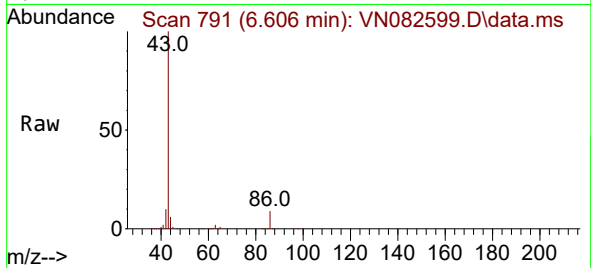
Tgt Ion: 45 Resp: 172817
Ion Ratio Lower Upper
45 100
43 60.4 44.0 66.0
87 24.3 19.7 29.5
59 11.3 8.5 12.7





#23
 Vinyl Acetate
 Concen: 104.219 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28

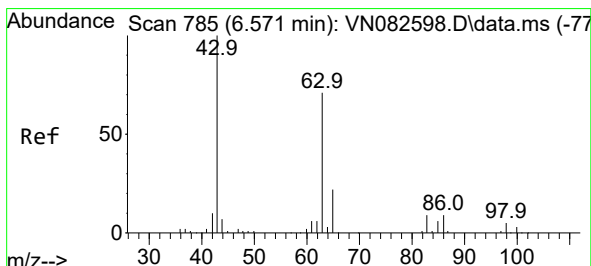
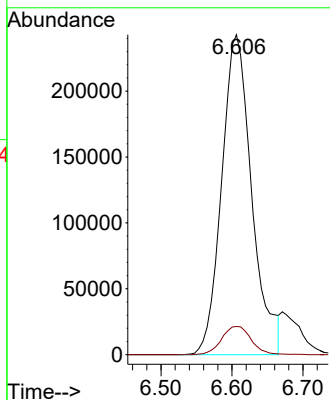
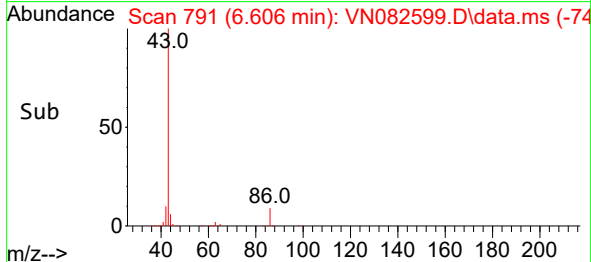
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



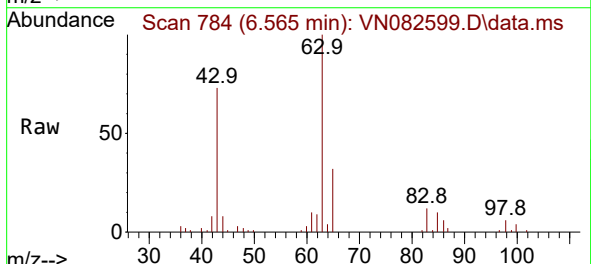
Tgt Ion: 43 Resp: 71436
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9

Manual Integrations
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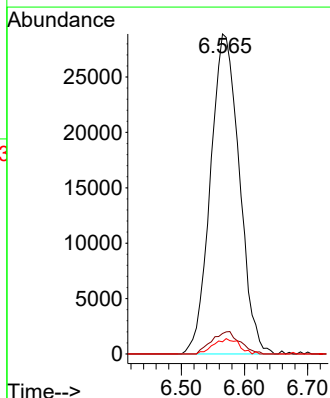
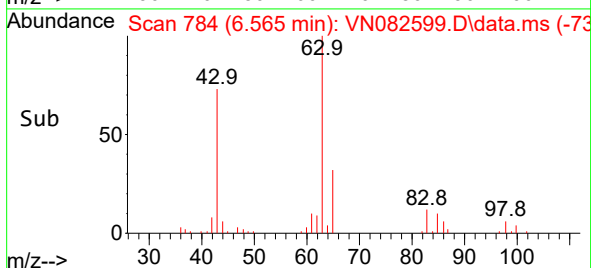
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

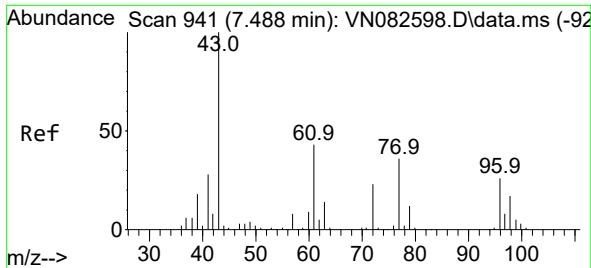


#24
 1,1-Dichloroethane
 Concen: 19.580 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28



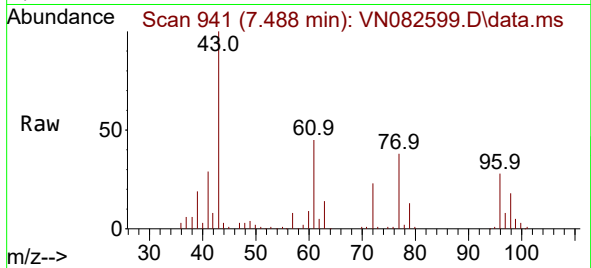
Tgt Ion: 63 Resp: 91681
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 3.8 2.0 6.0





#25
2-Butanone
Concen: 96.647 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

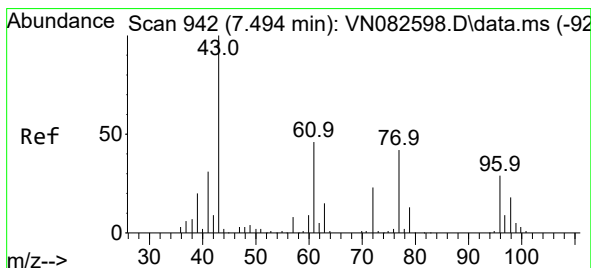
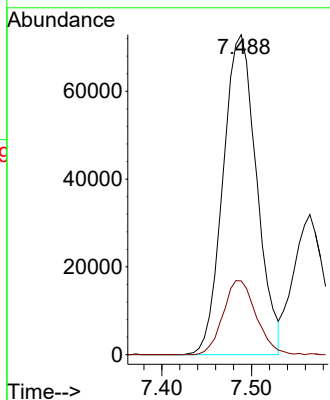
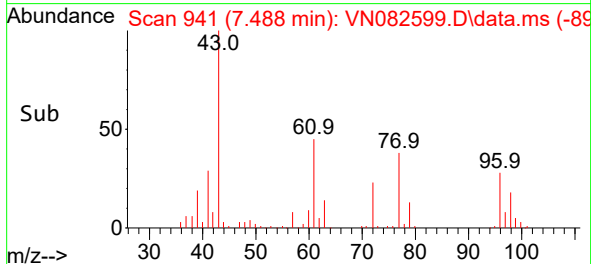
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



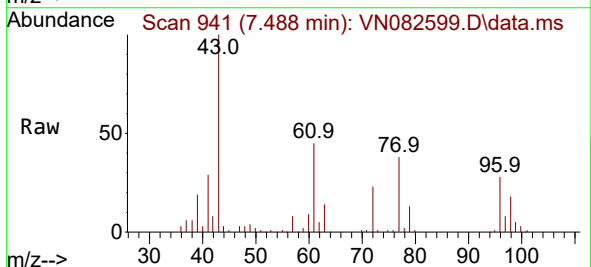
Tgt Ion: 43 Resp: 18963
Ion Ratio Lower Upper
43 100
72 23.0 18.2 27.2

Manual Integrations
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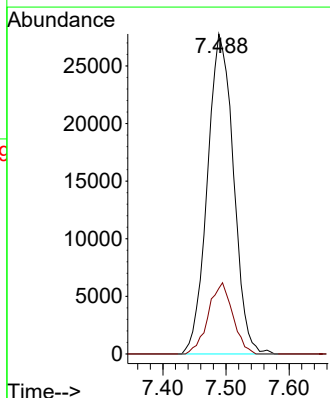
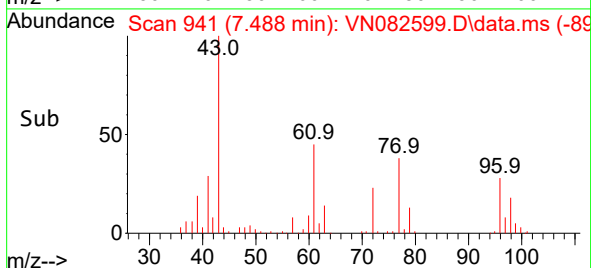
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

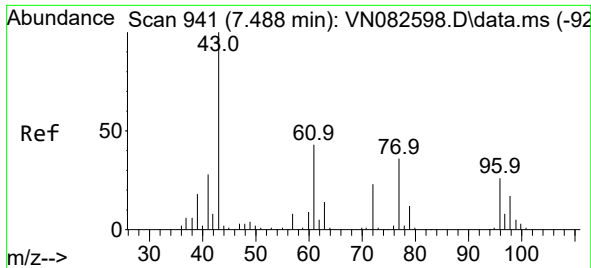


#26
2,2-Dichloropropane
Concen: 19.658 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



Tgt Ion: 77 Resp: 79851
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9





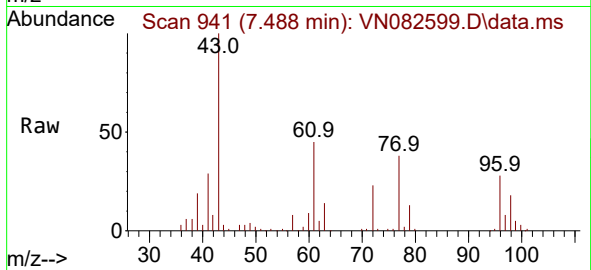
#27
 cis-1,2-Dichloroethene
 Concen: 19.140 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



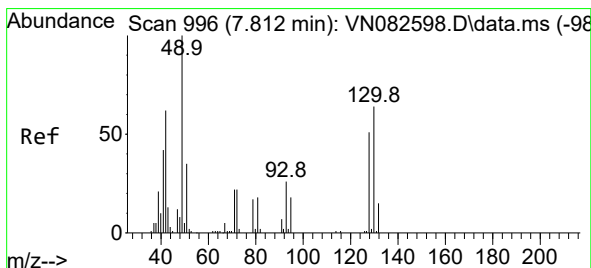
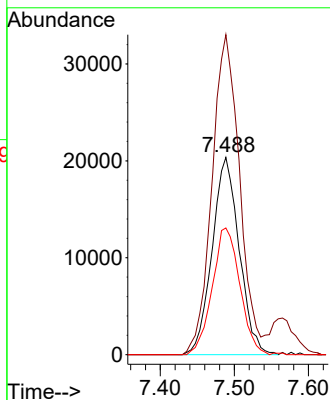
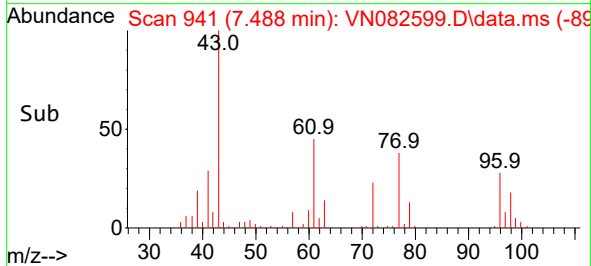
Tgt Ion: 96 Resp: 5165
 Ion Ratio Lower Upper
 96 100
 61 164.8 0.0 329.6
 98 65.5 0.0 128.6

Manual Integrations

APPROVED

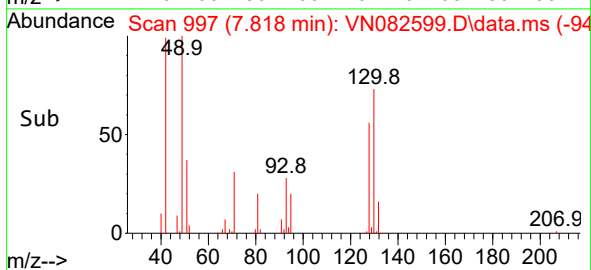
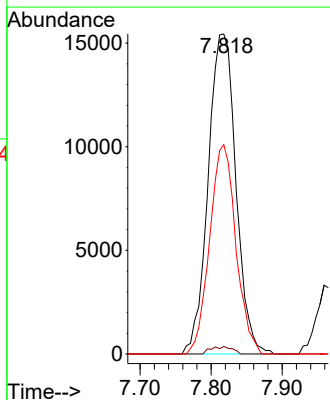
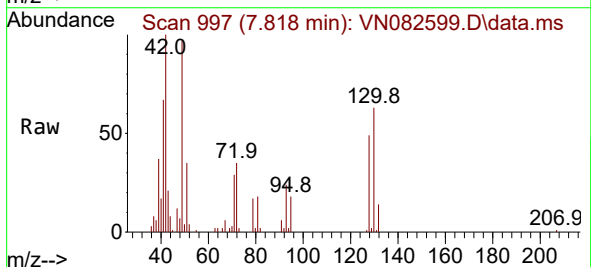
Reviewed By :John Carlone 06/18/2024

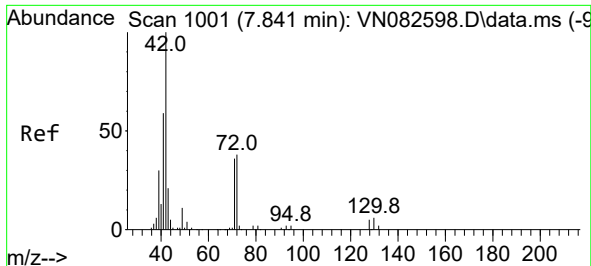
Supervised By :Mahesh Dadoda 06/18/2024



#28
 Bromochloromethane
 Concen: 19.611 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28

Tgt Ion: 49 Resp: 41906
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 61.7 50.5 75.7





#29

Tetrahydrofuran

Concen: 99.642 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 11968

Ion Ratio Lower Upper

42 100

72 38.8 30.0 45.0

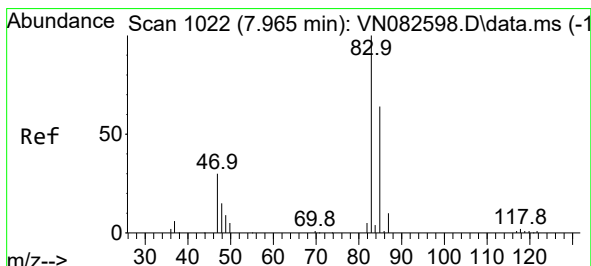
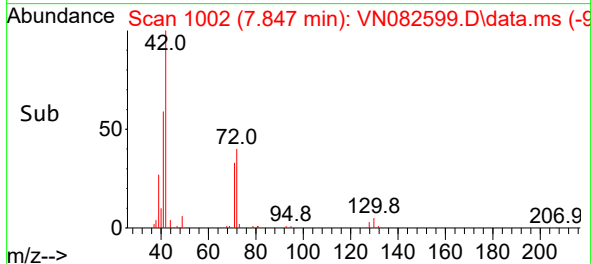
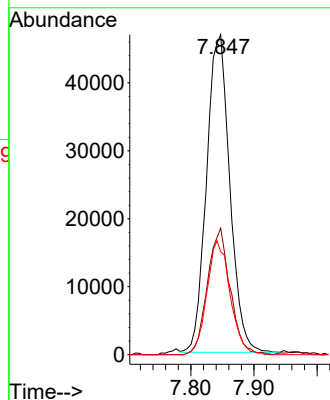
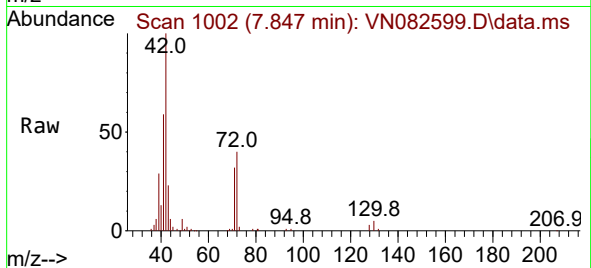
71 35.8 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#30

Chloroform

Concen: 19.527 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082599.D

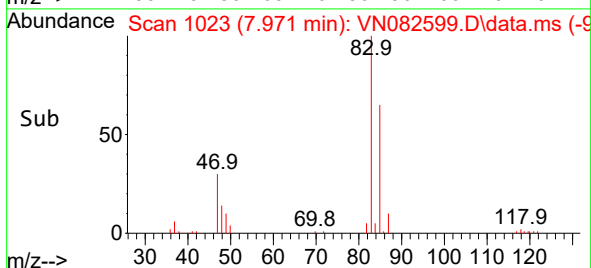
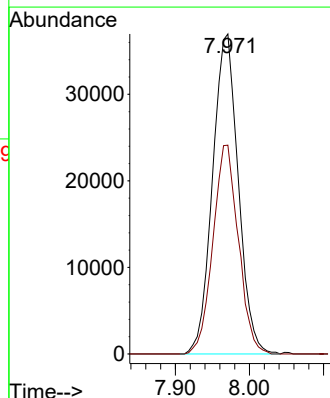
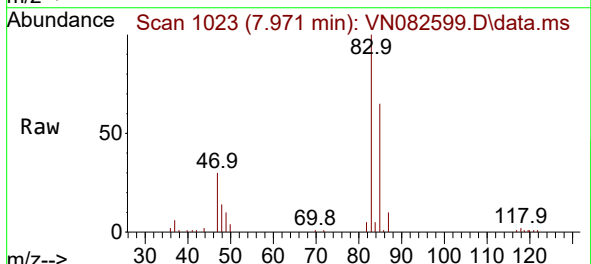
Acq: 17 Jun 2024 10:28

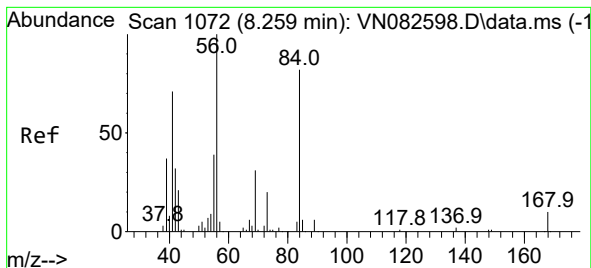
Tgt Ion: 83 Resp: 89189

Ion Ratio Lower Upper

83 100

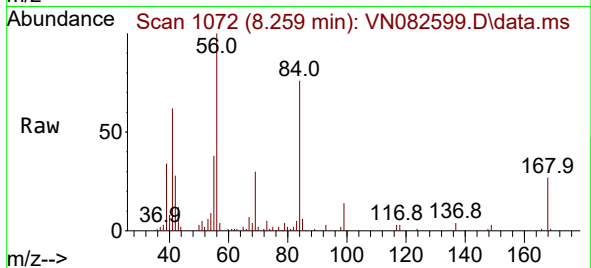
85 65.2 50.9 76.3





#31
Cyclohexane
Concen: 19.088 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

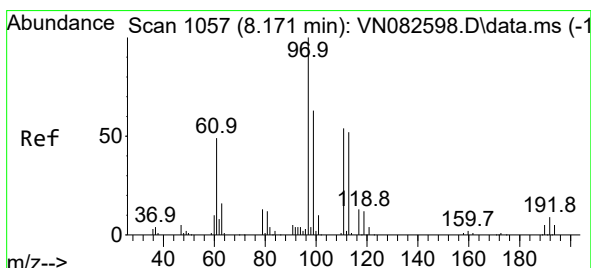
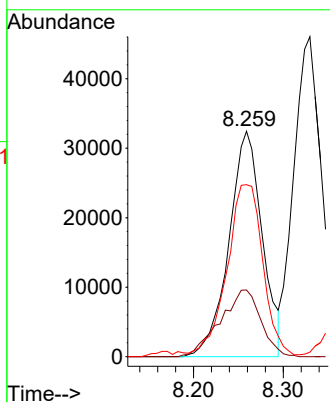
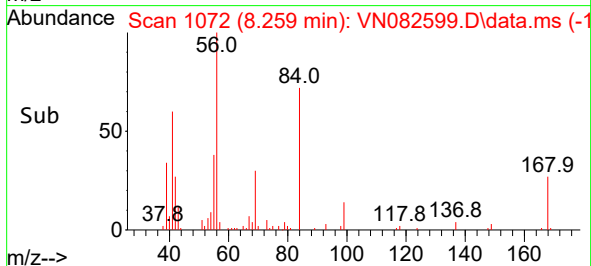
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



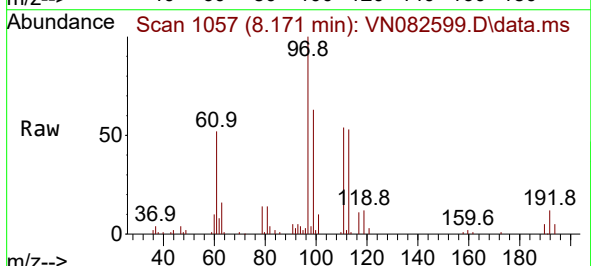
Tgt Ion: 56 Resp: 83610
Ion Ratio Lower Upper
56 100
69 28.9 24.5 36.7
84 74.0 66.0 99.0

Manual Integrations
APPROVED

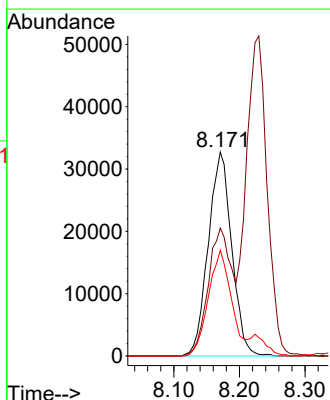
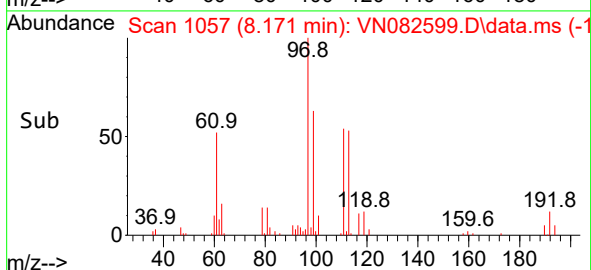
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

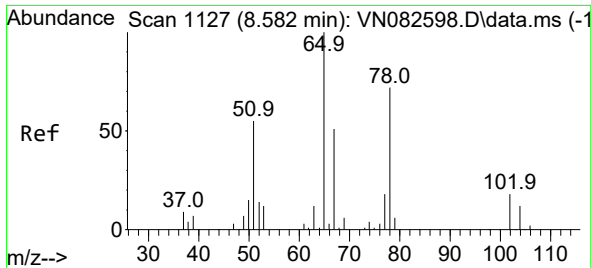


#32
1,1,1-Trichloroethane
Concen: 19.626 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



Tgt Ion: 97 Resp: 81289
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 51.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 20.054 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 60870

Ion Ratio Lower Upper

65 100

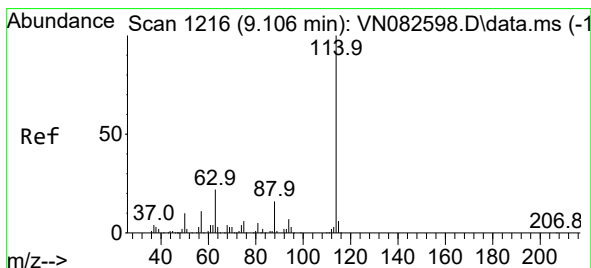
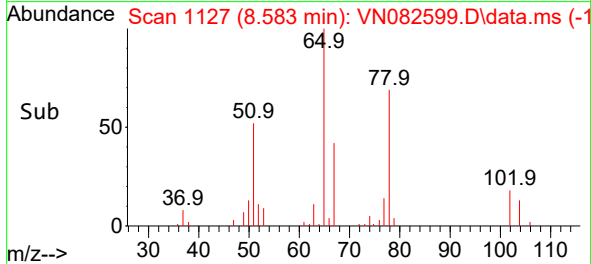
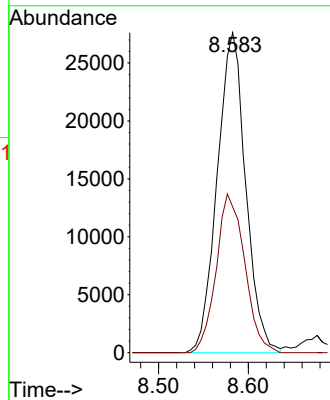
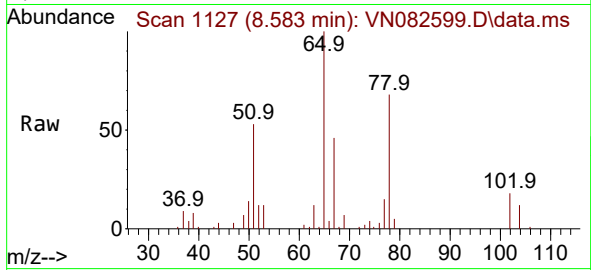
67 49.7 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

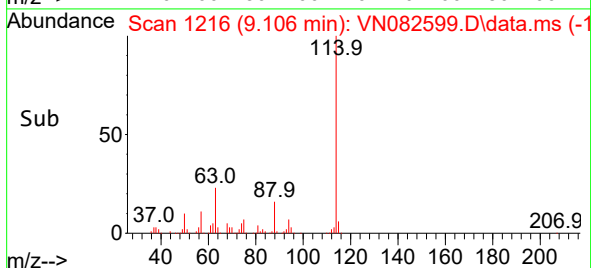
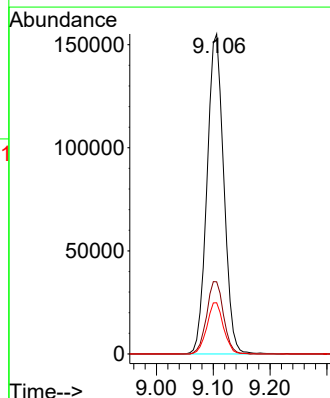
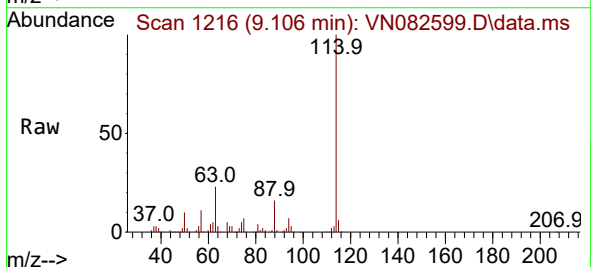
Tgt Ion:114 Resp: 316015

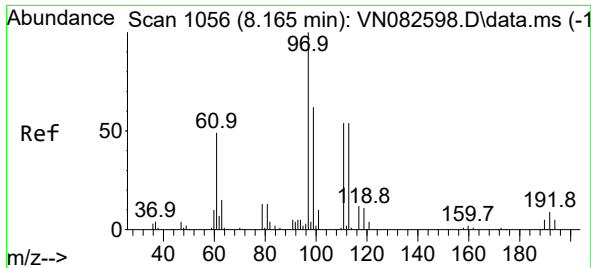
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

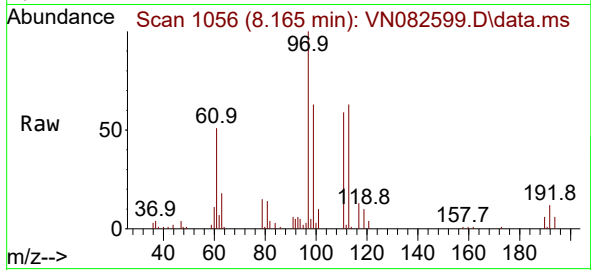
88 16.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 19.890 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

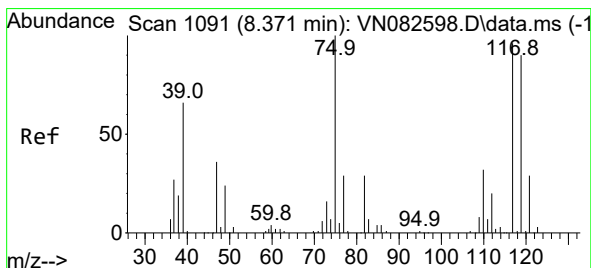
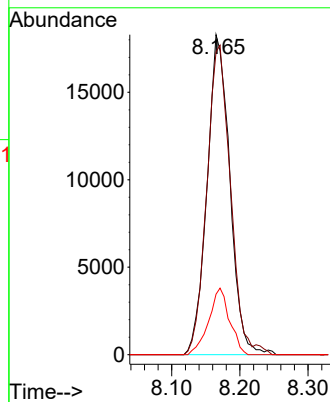
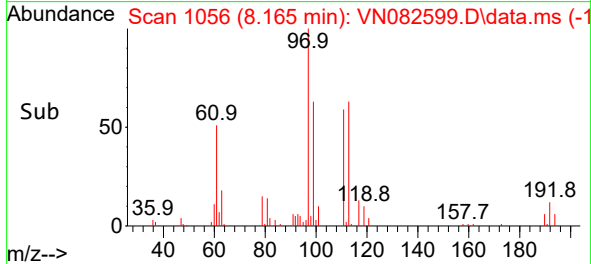
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



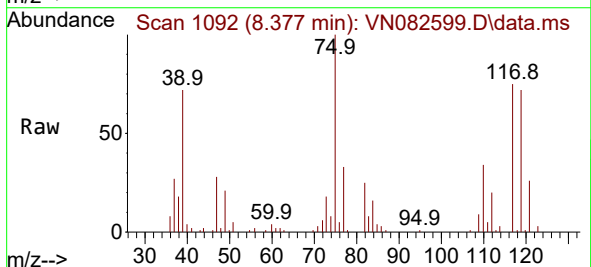
Tgt Ion: 113 Resp: 4264
Ion Ratio Lower Upper
113 100
111 100.1 82.4 123.6
192 19.0 14.9 22.3

Manual Integrations
APPROVED

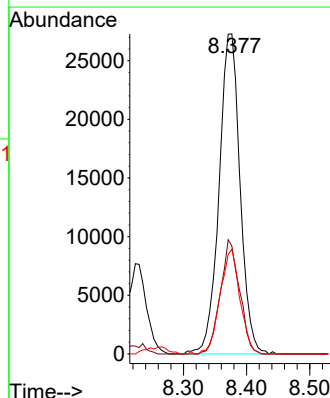
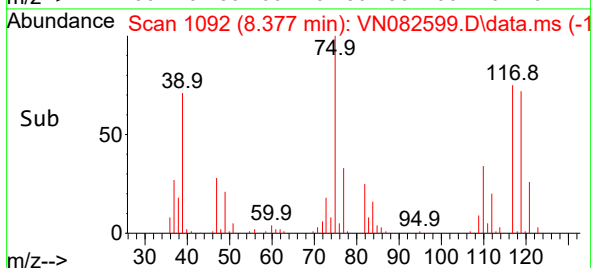
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

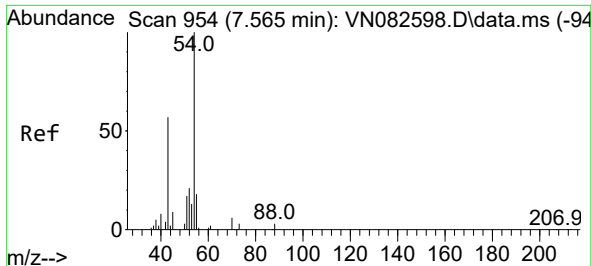


#36
1,1-Dichloropropene
Concen: 19.688 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



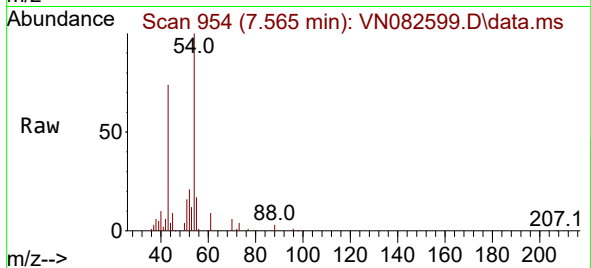
Tgt Ion: 75 Resp: 63096
Ion Ratio Lower Upper
75 100
110 32.6 16.3 48.9
77 31.0 24.6 37.0





#37
Ethyl Acetate
Concen: 18.989 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

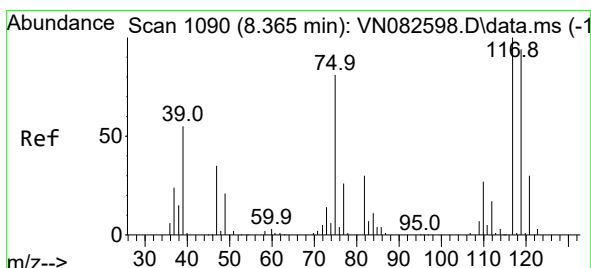
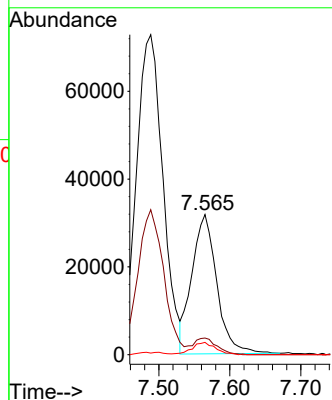
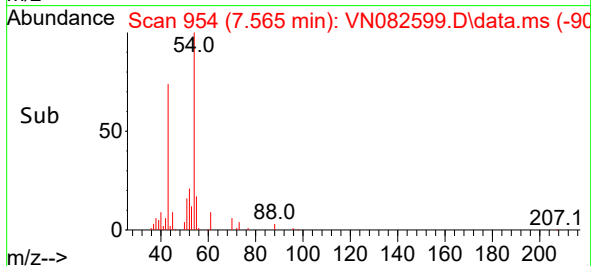
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 77510
Ion Ratio Lower Upper
43 100
61 10.8 9.3 13.9
70 8.4 7.0 10.6

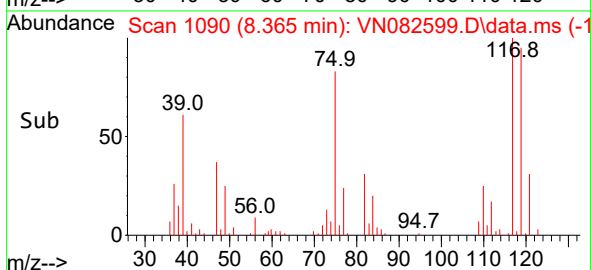
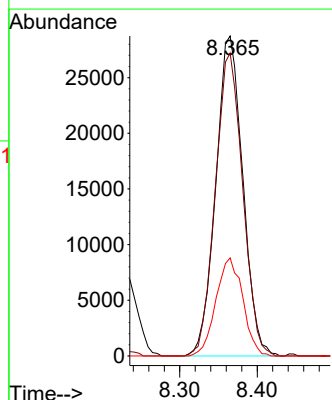
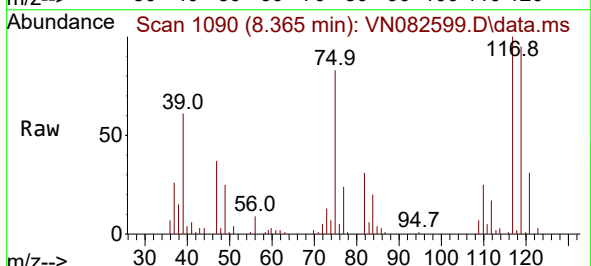
Manual Integrations
APPROVED

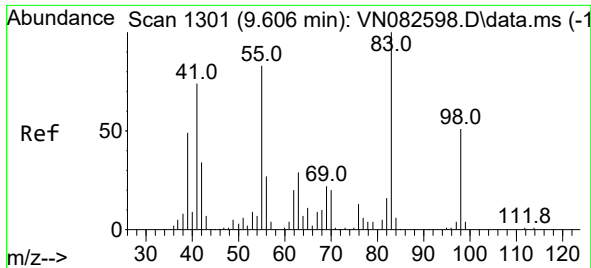
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#38
Carbon Tetrachloride
Concen: 19.278 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion:117 Resp: 69626
Ion Ratio Lower Upper
117 100
119 94.7 74.9 112.3
121 30.6 24.3 36.5





#39
Methylcyclohexane
Concen: 19.537 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

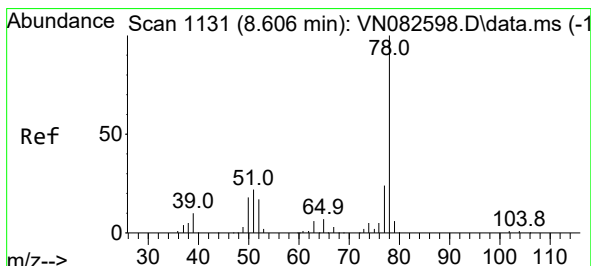
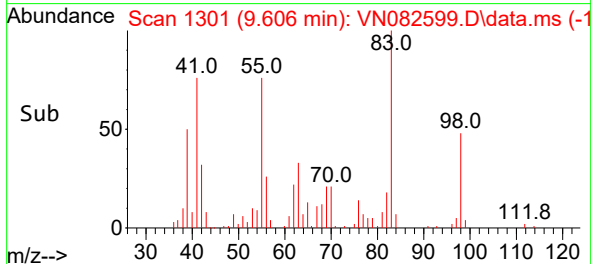
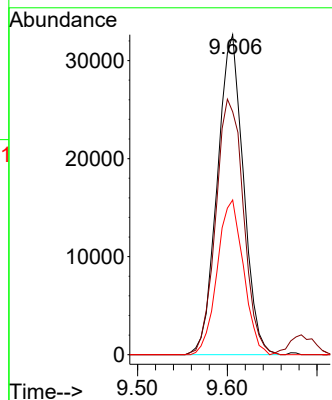
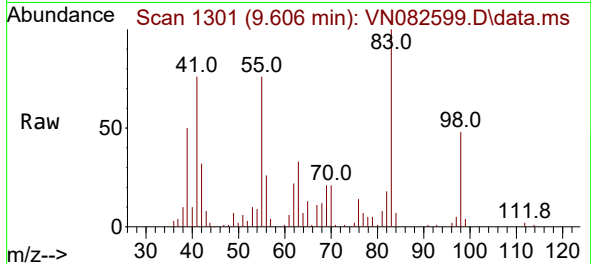
VSTDIC020

Tgt Ion: 83 Resp: 65892
Ion Ratio Lower Upper
83 100
55 75.9 66.4 99.6
98 48.4 40.7 61.1

Manual Integrations

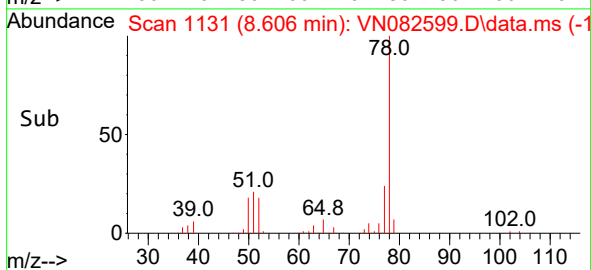
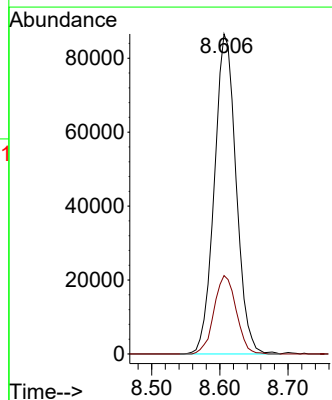
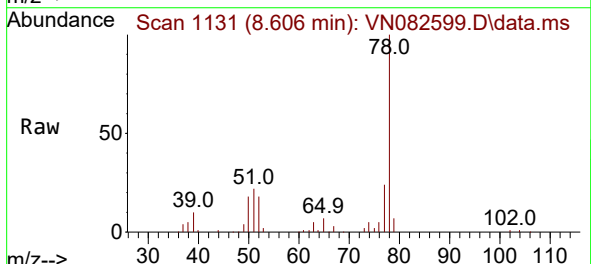
APPROVED

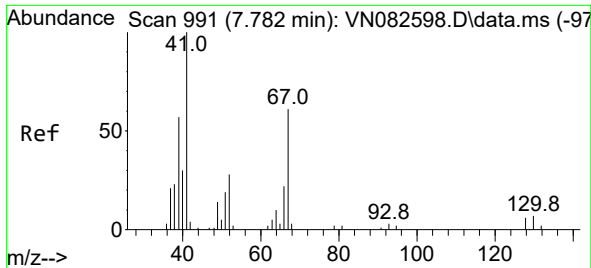
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#40
Benzene
Concen: 19.455 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

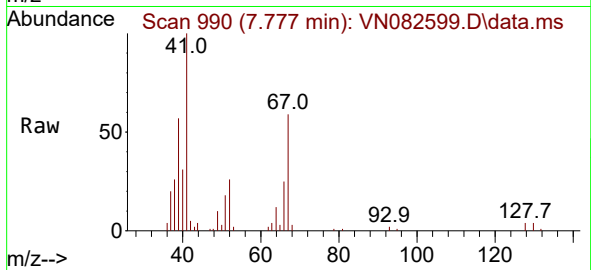
Tgt Ion: 78 Resp: 192654
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 19.548 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

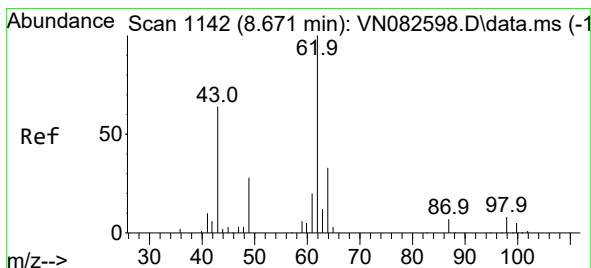
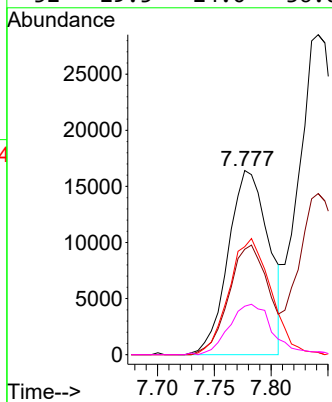
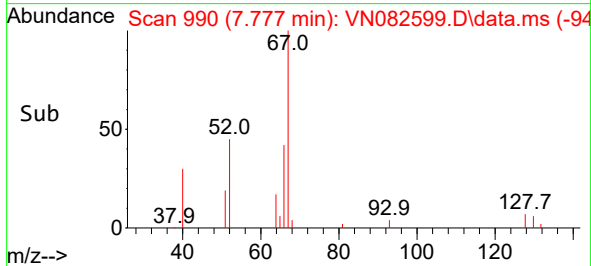
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 4079
Ion Ratio Lower Upper
41 100
39 57.6 45.5 68.3
67 65.1 50.5 75.7
52 29.5 24.0 36.0

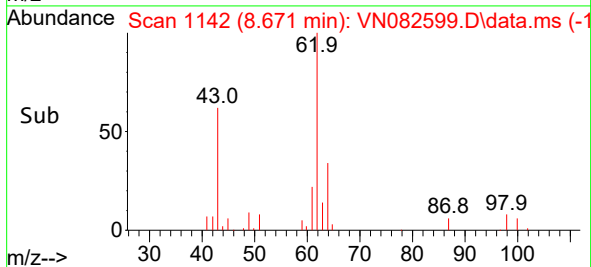
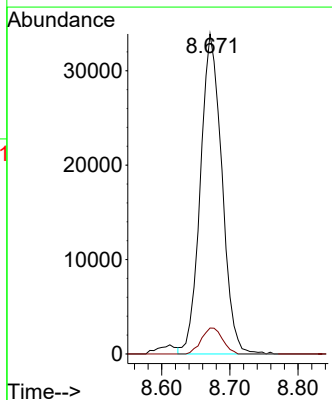
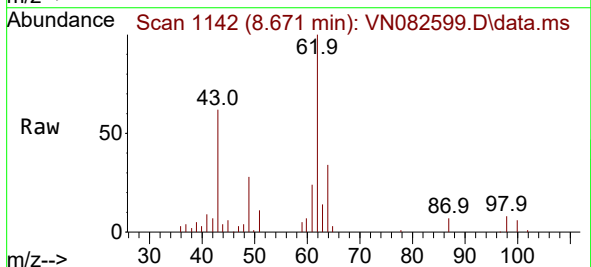
Manual Integrations
APPROVED

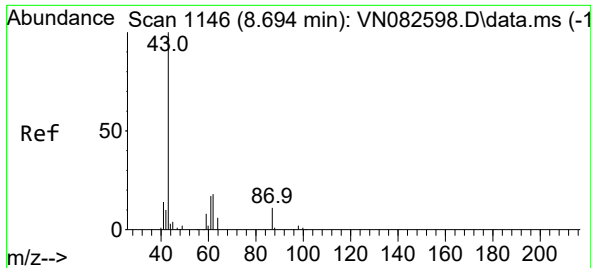
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#42
1,2-Dichloroethane
Concen: 19.748 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

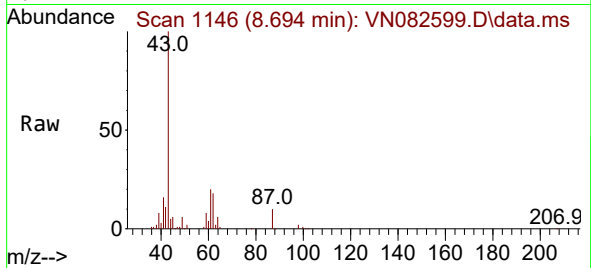
Tgt Ion: 62 Resp: 74384
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.558 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

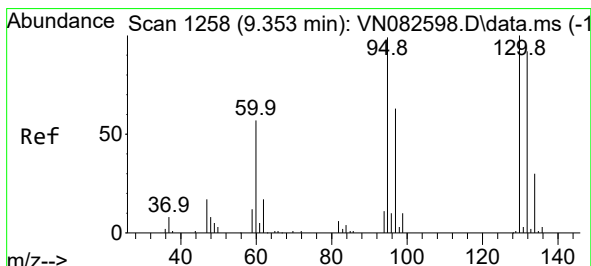
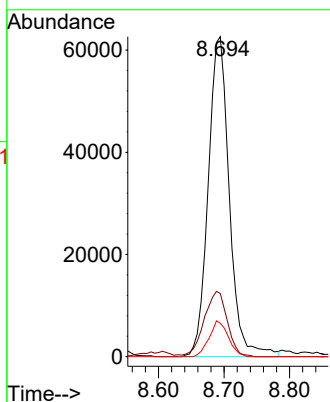
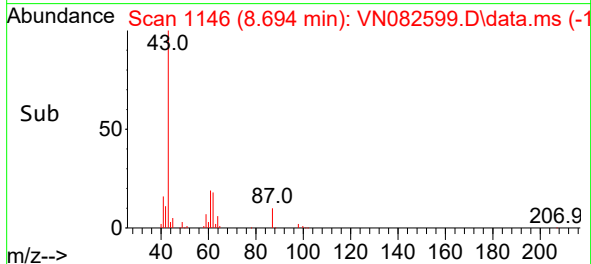
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 140152
Ion Ratio Lower Upper
43 100
61 22.3 17.8 26.6
87 10.1 8.2 12.2

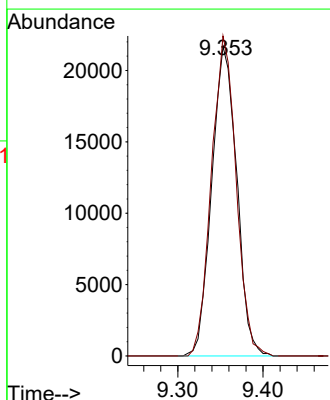
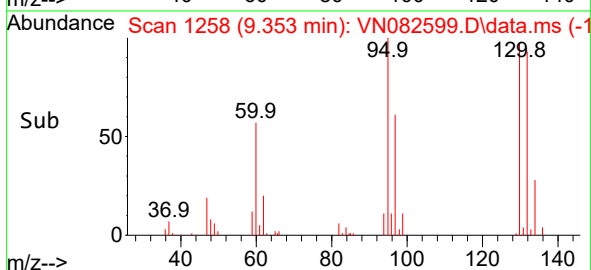
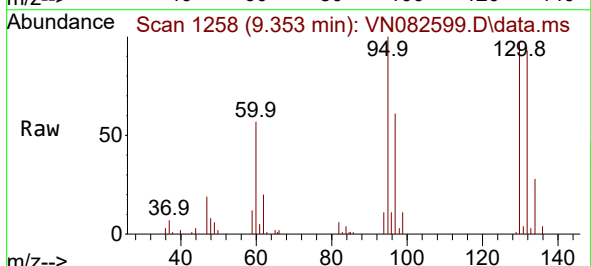
Manual Integrations
APPROVED

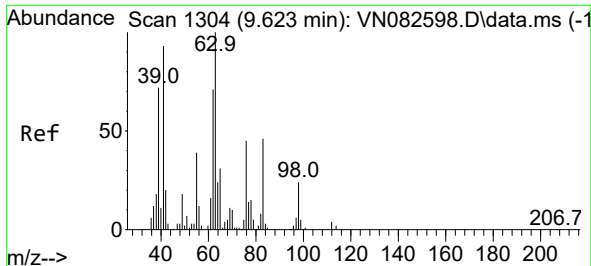
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#44
Trichloroethene
Concen: 19.198 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion:130 Resp: 44144
Ion Ratio Lower Upper
130 100
95 103.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.927 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 50792

Ion Ratio Lower Upper

63 100

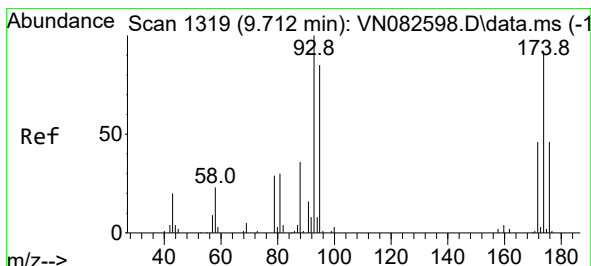
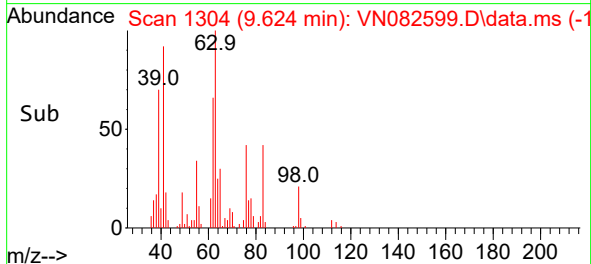
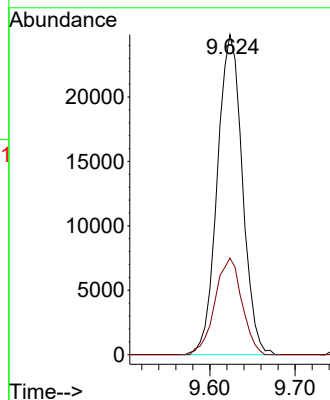
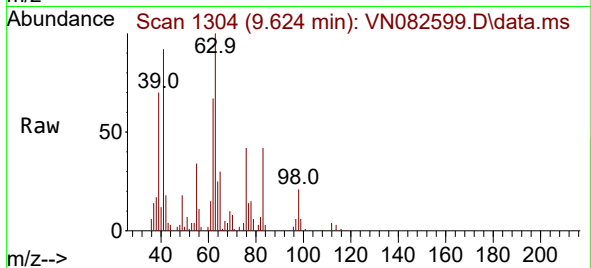
65 30.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#46

Dibromomethane

Concen: 19.326 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

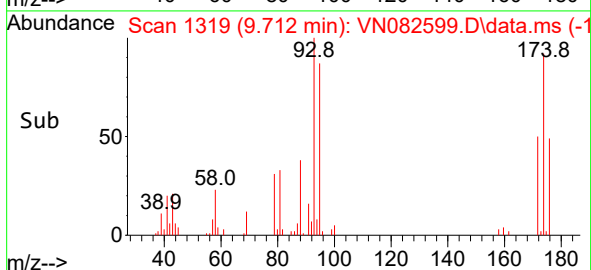
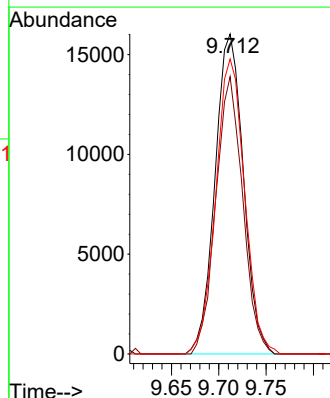
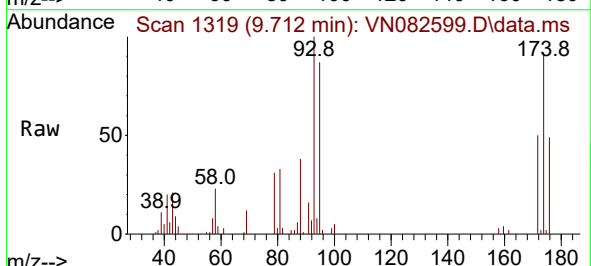
Tgt Ion: 93 Resp: 33391

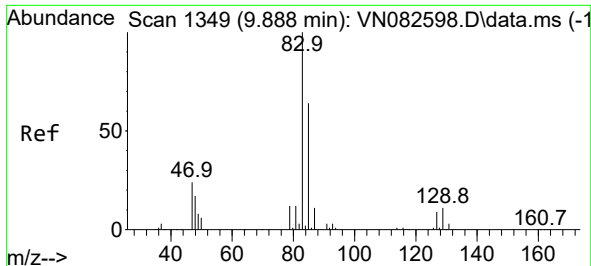
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

174 93.6 71.7 107.5





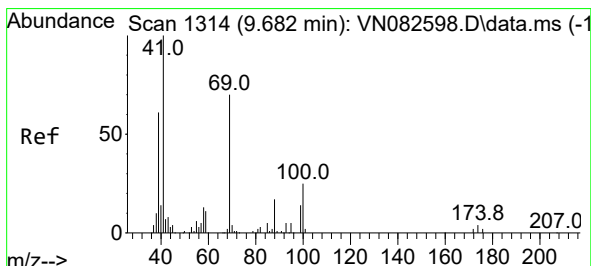
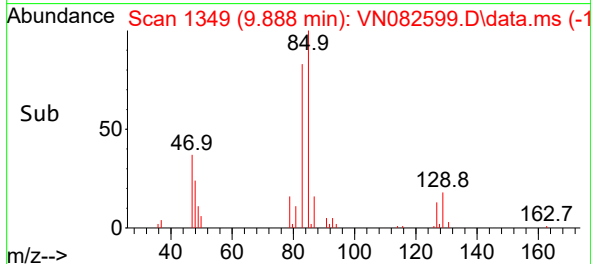
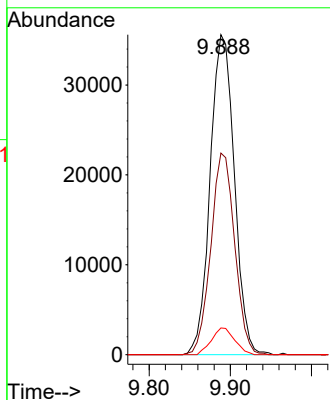
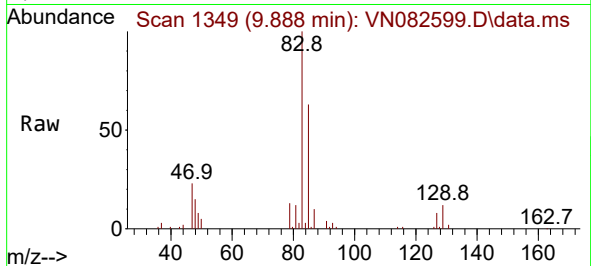
#47
Bromodichloromethane
Concen: 20.012 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 73710
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 8.4 7.2 10.8

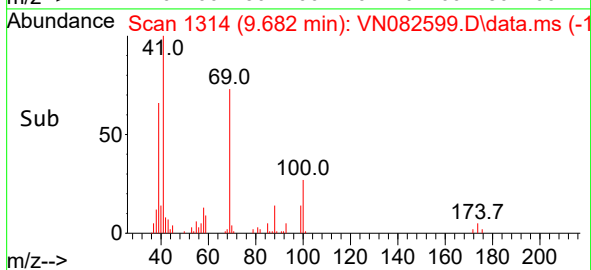
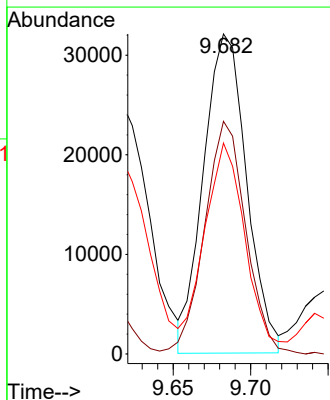
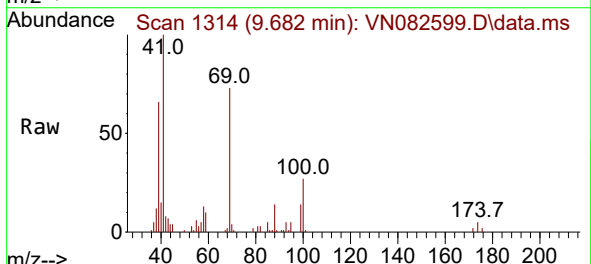
Manual Integrations
APPROVED

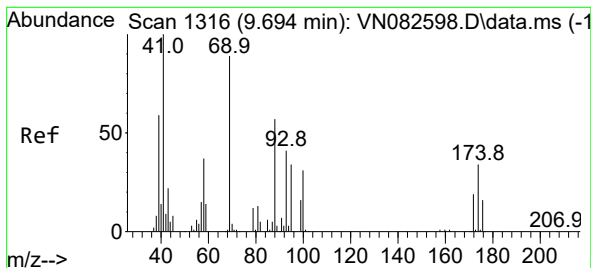
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#48
Methyl methacrylate
Concen: 19.707 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion: 41 Resp: 61978
Ion Ratio Lower Upper
41 100
69 69.8 56.3 84.5
39 63.4 50.3 75.5





#49

1,4-Dioxane

Concen: 405.740 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 19960

Ion Ratio Lower Upper

88 100

43 34.2 27.8 41.8

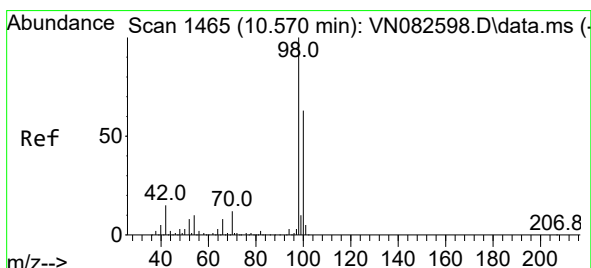
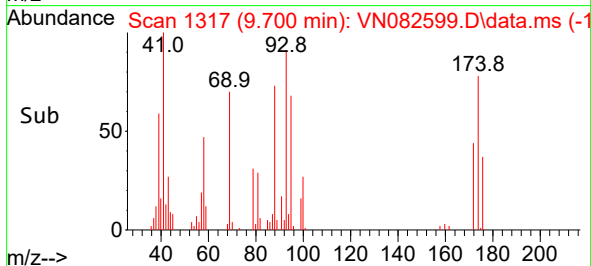
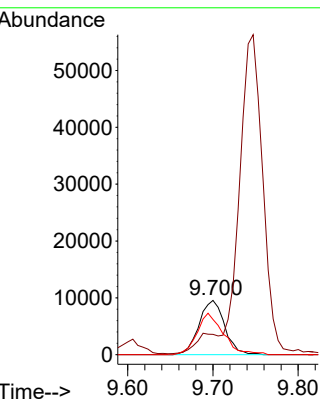
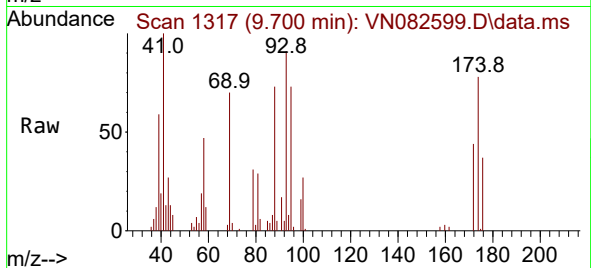
58 78.4 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#50

Toluene-d8

Concen: 19.745 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082599.D

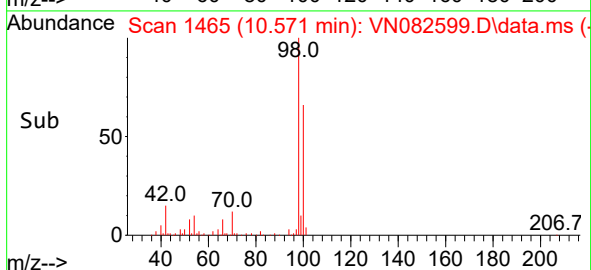
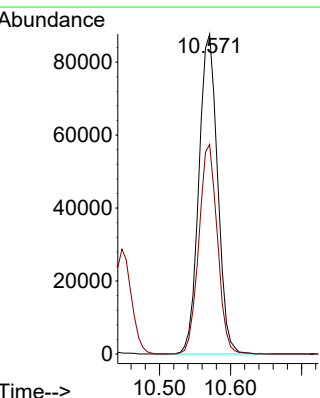
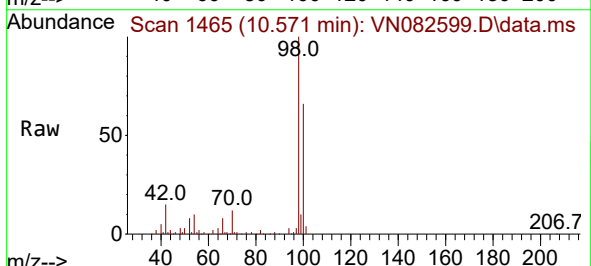
Acq: 17 Jun 2024 10:28

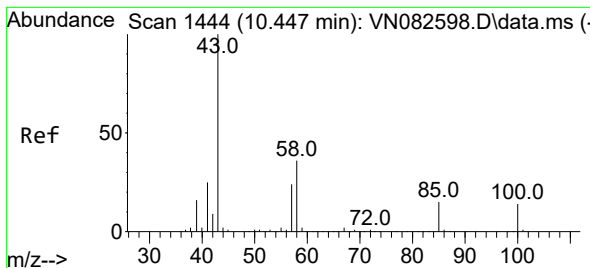
Tgt Ion: 98 Resp: 160076

Ion Ratio Lower Upper

98 100

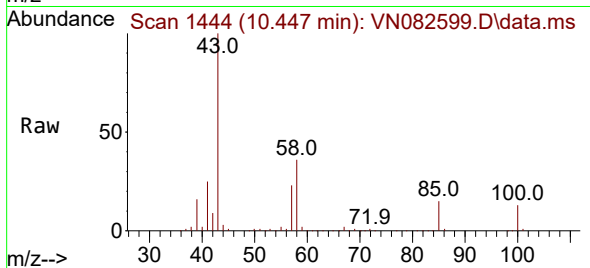
100 65.0 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 100.709 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

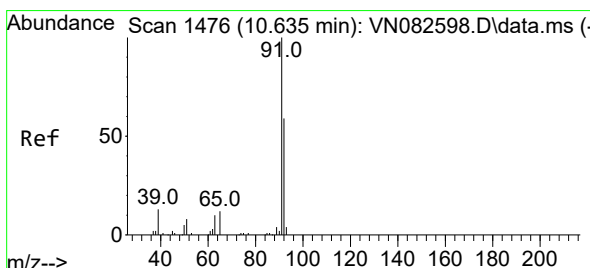
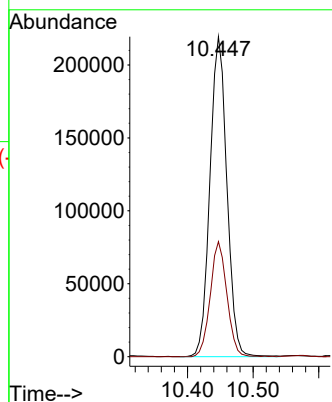
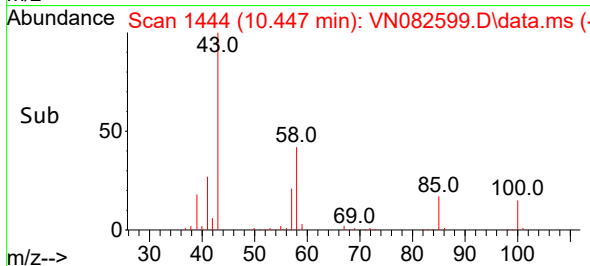
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 39408
Ion Ratio Lower Upper
43 100
58 35.2 28.2 42.4

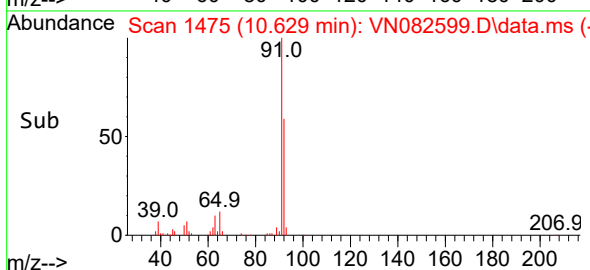
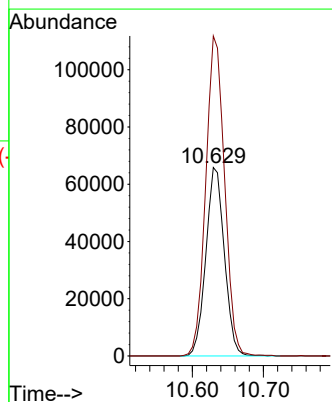
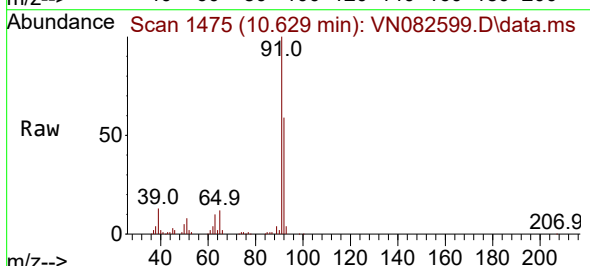
Manual Integrations
APPROVED

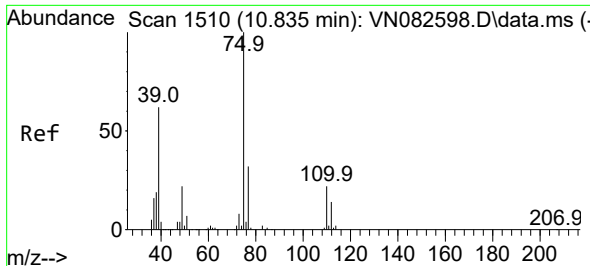
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#52
Toluene
Concen: 19.872 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

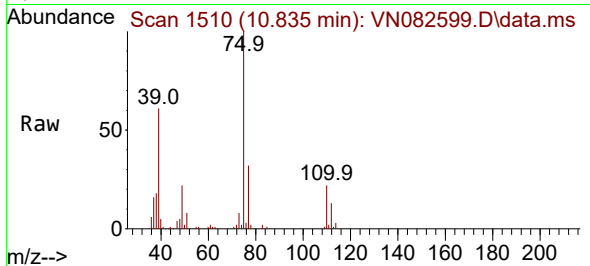
Tgt Ion: 92 Resp: 119252
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.849 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

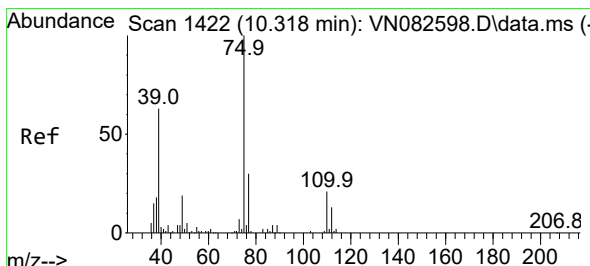
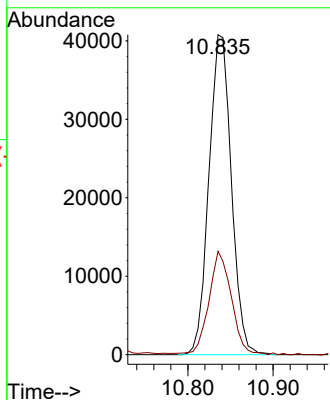
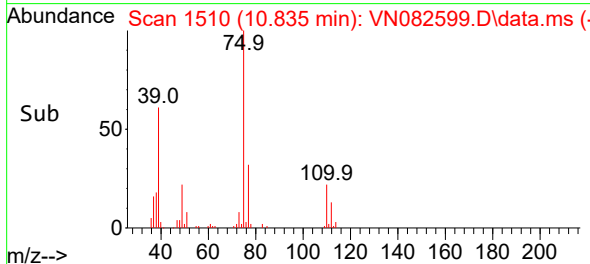
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



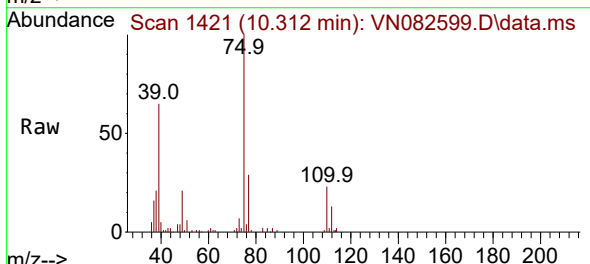
Tgt Ion: 75 Resp: 74749
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

Manual Integrations
APPROVED

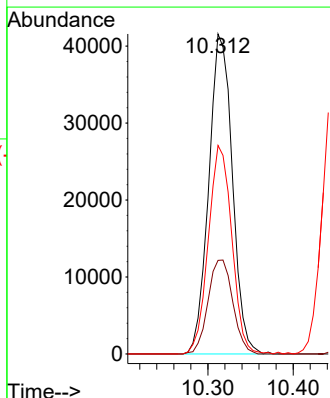
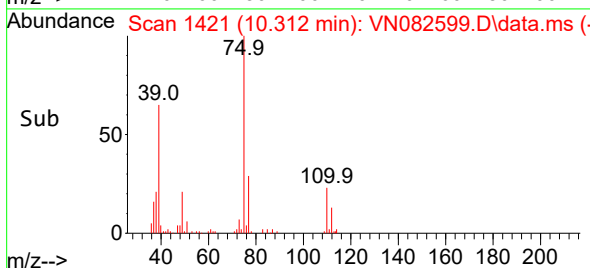
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

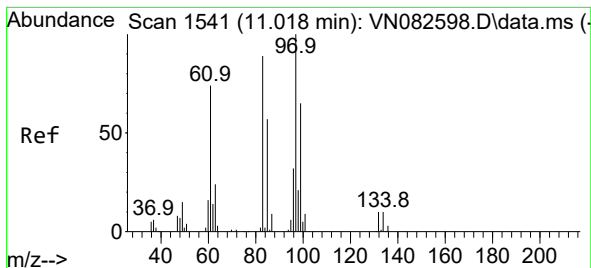


#54
cis-1,3-Dichloropropene
Concen: 20.512 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



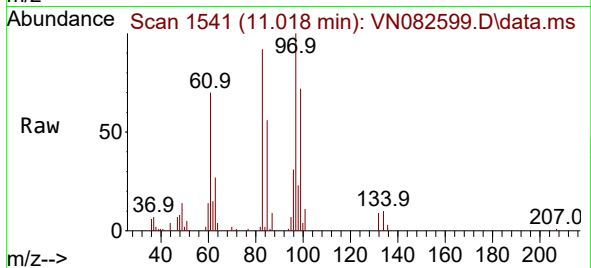
Tgt Ion: 75 Resp: 79876
Ion Ratio Lower Upper
75 100
77 29.3 24.3 36.5
39 65.1 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.445 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

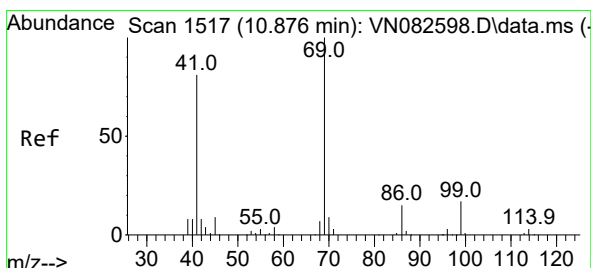
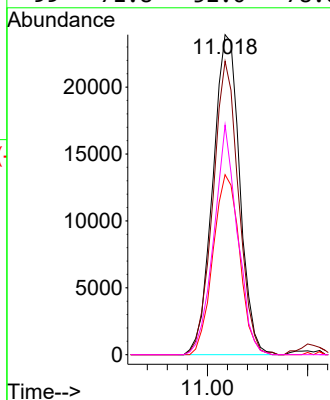
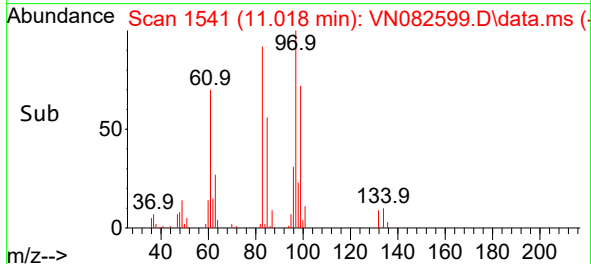
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	4440
Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.4	107.0
85	56.2	45.8	68.6
99	71.8	52.0	78.0

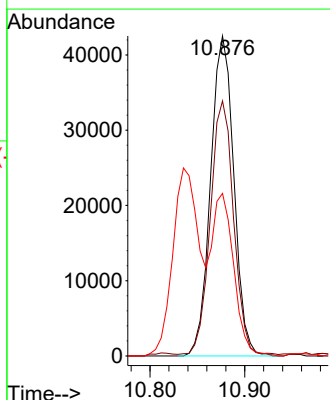
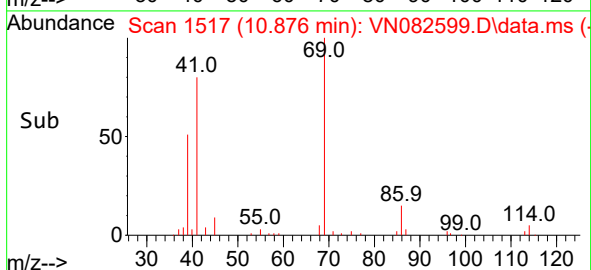
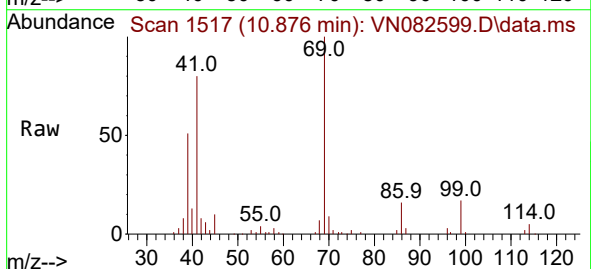
Manual Integrations
APPROVED

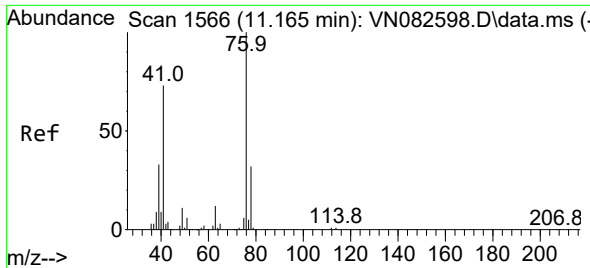
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#56
Ethyl methacrylate
Concen: 20.156 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

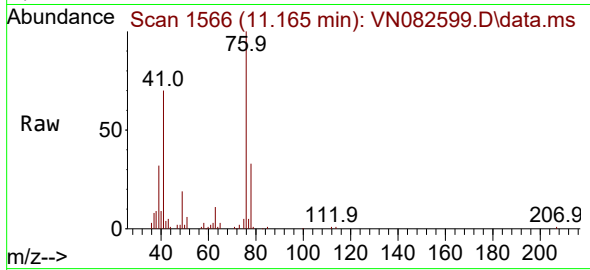
Tgt Ion:	69	Resp:	72510
Ion	Ratio	Lower	Upper
69	100		
41	78.9	63.4	95.2
39	47.6	37.4	56.0





#57
1,3-Dichloropropane
Concen: 19.730 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

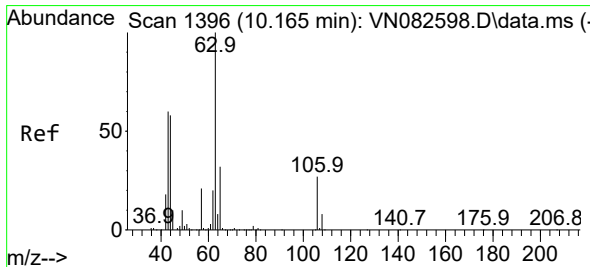
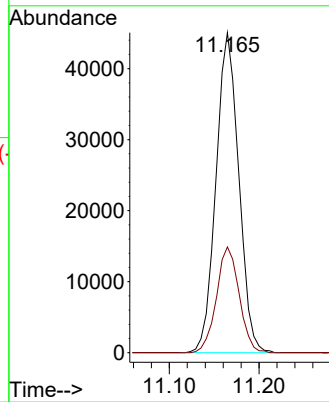
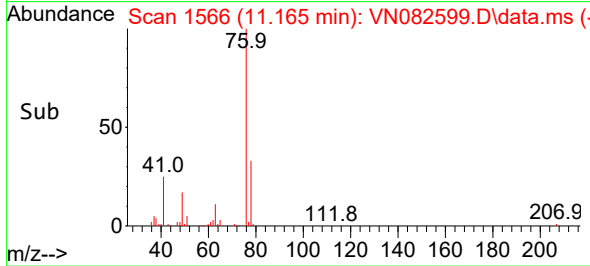
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 79225
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4

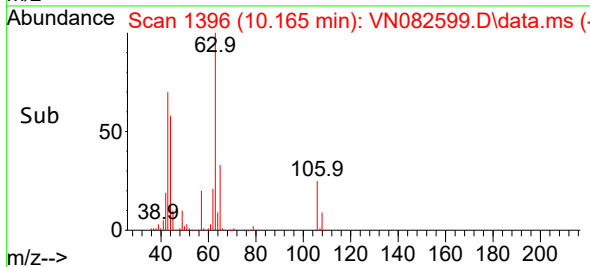
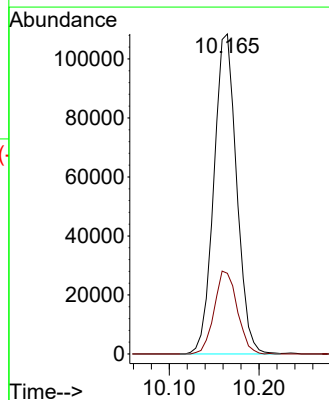
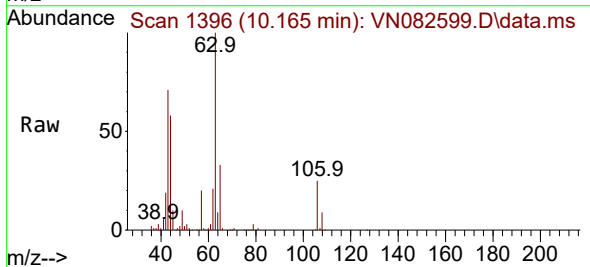
Manual Integrations
APPROVED

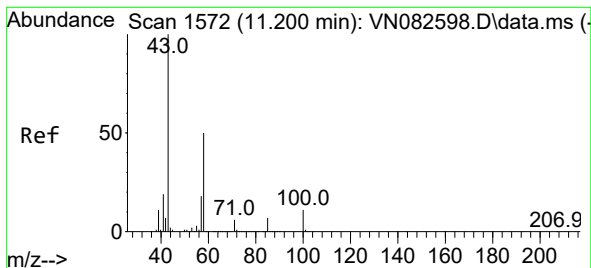
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 100.427 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

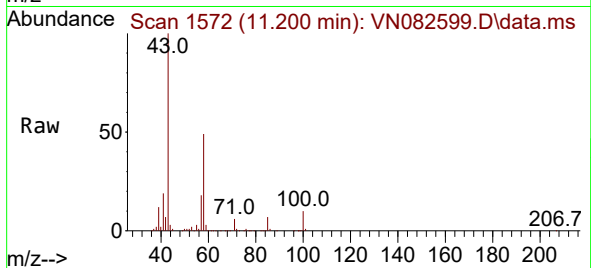
Tgt Ion: 63 Resp: 191119
Ion Ratio Lower Upper
63 100
106 26.1 21.4 32.0





#59
2-Hexanone
Concen: 99.950 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

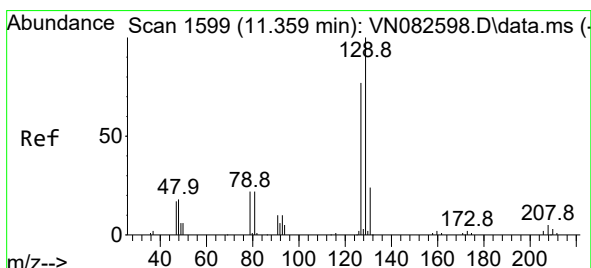
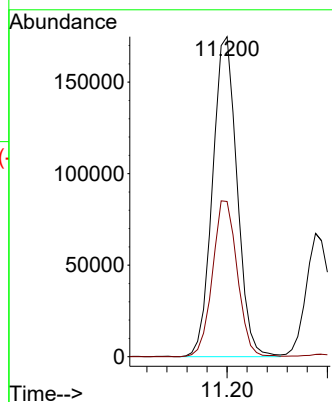
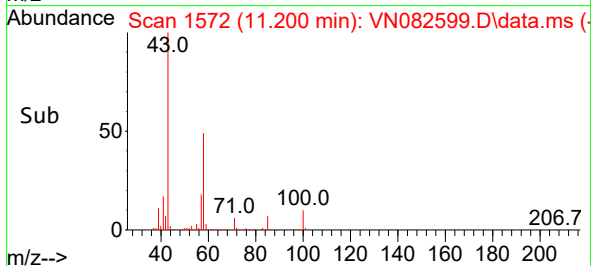
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 297262
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8

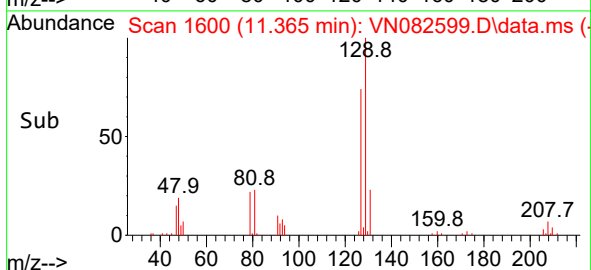
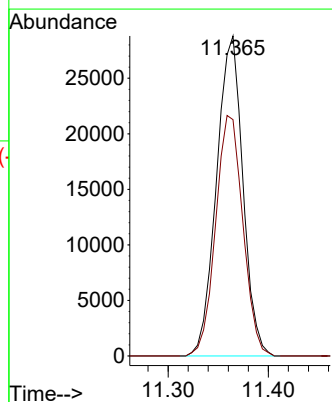
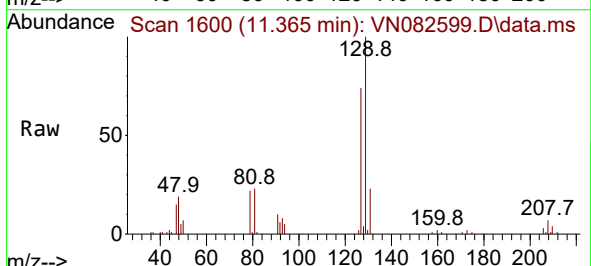
Manual Integrations
APPROVED

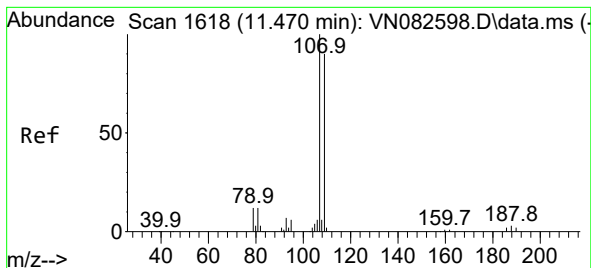
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#60
Dibromochloromethane
Concen: 19.871 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

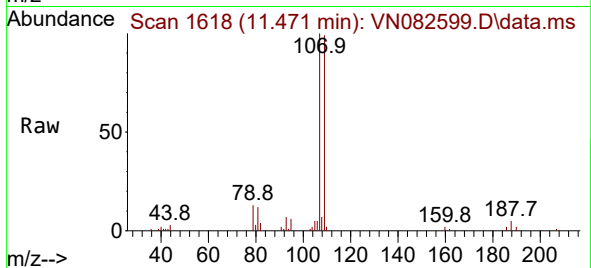
Tgt Ion:129 Resp: 52687
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.675 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

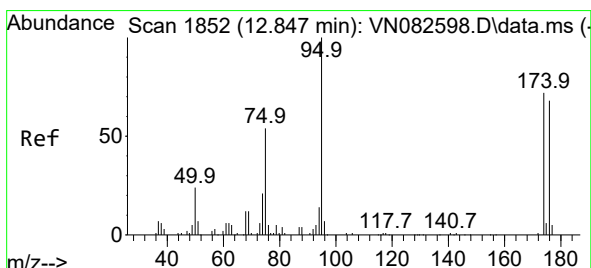
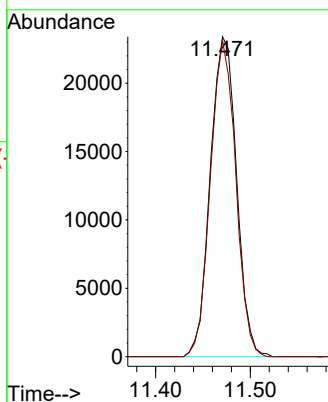
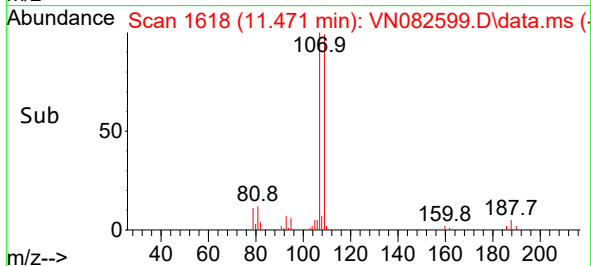
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



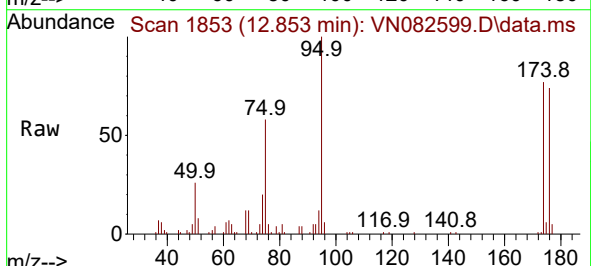
Tgt Ion:107 Resp: 4505
Ion Ratio Lower Upper
107 100
109 95.3 73.7 110.5

Manual Integrations
APPROVED

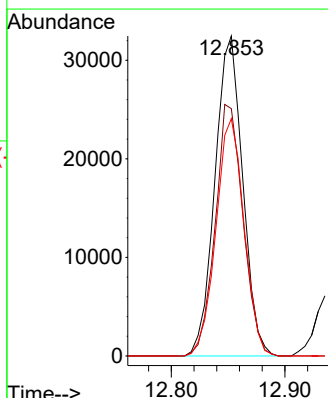
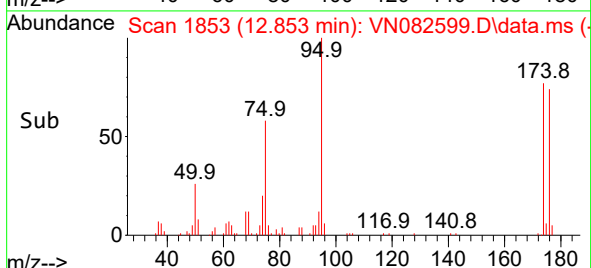
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

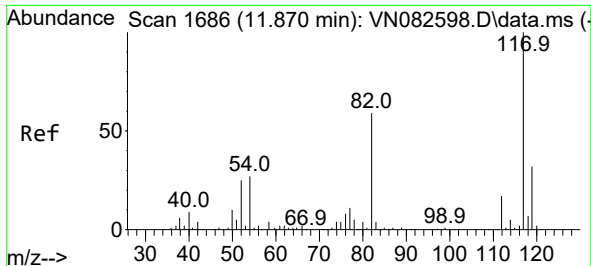


#62
4-Bromofluorobenzene
Concen: 19.716 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



Tgt Ion: 95 Resp: 55106
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.2
176 75.1 0.0 147.6





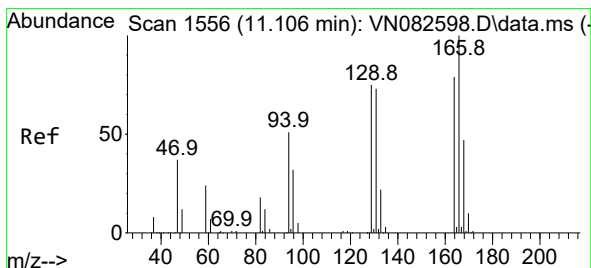
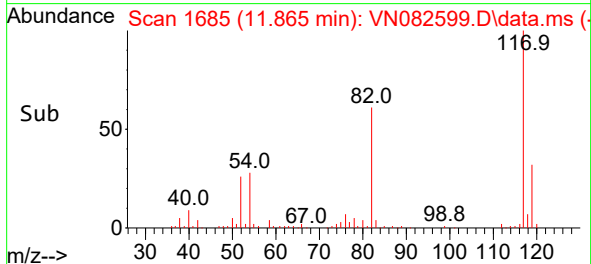
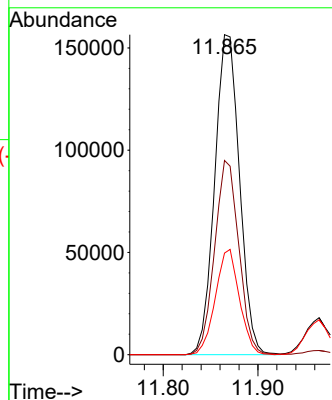
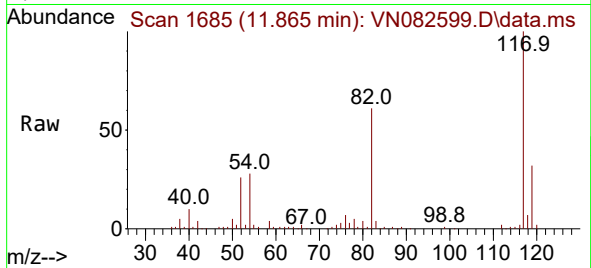
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 28531
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 31.8 25.6 38.4

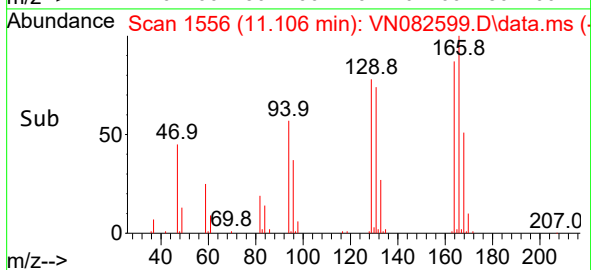
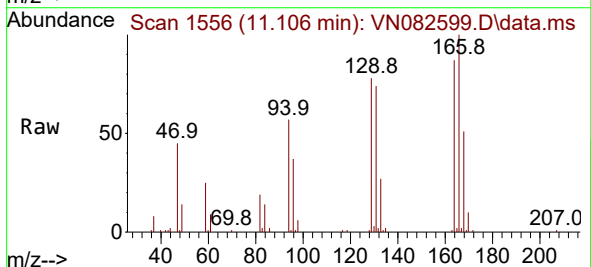
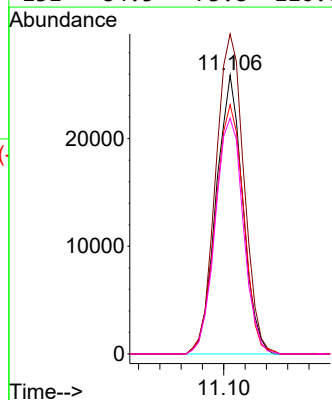
Manual Integrations
APPROVED

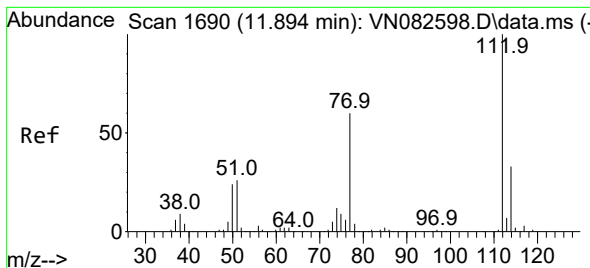
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#64
Tetrachloroethene
Concen: 19.049 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

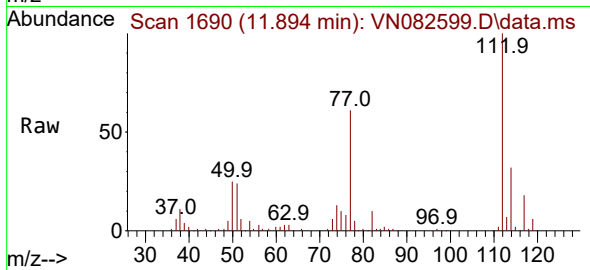
Tgt Ion:164 Resp: 44812
Ion Ratio Lower Upper
164 100
166 114.8 101.4 152.0
129 89.5 75.7 113.5
131 84.5 73.8 110.6





#65
Chlorobenzene
Concen: 19.585 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

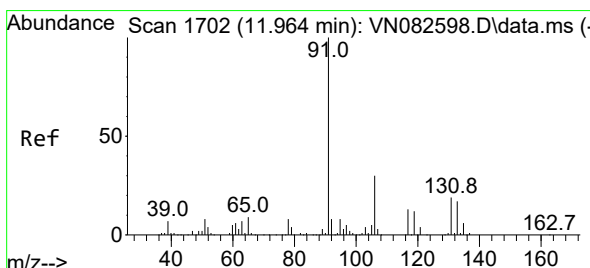
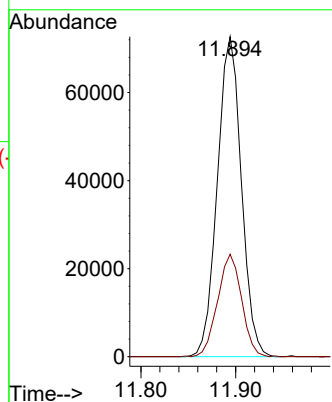
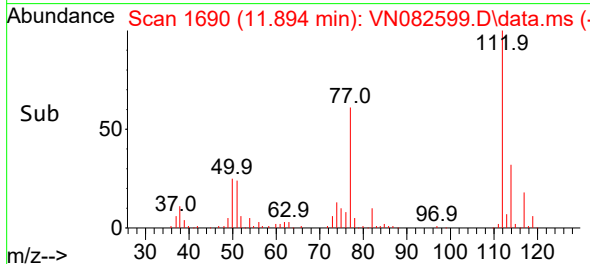
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



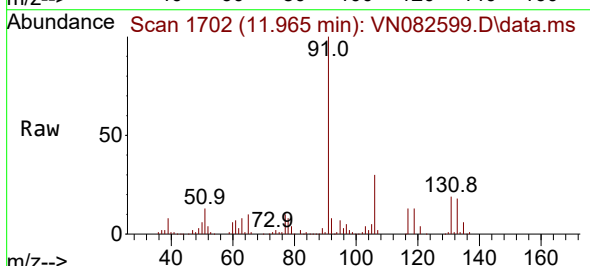
Tgt Ion:112 Resp: 12813
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

Manual Integrations
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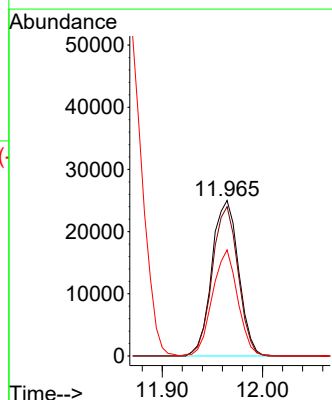
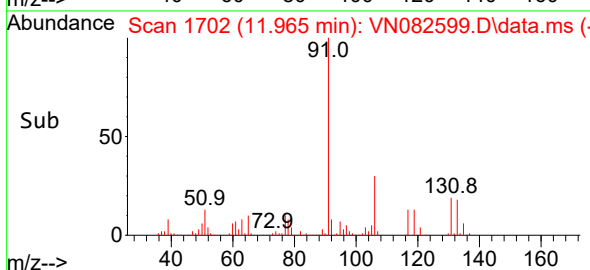
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

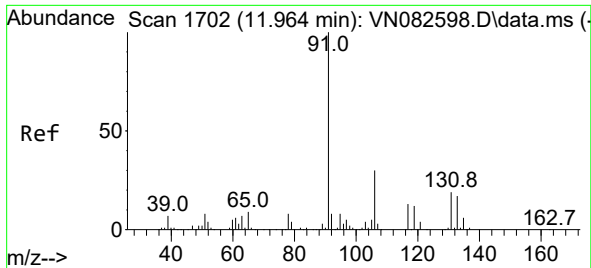


#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



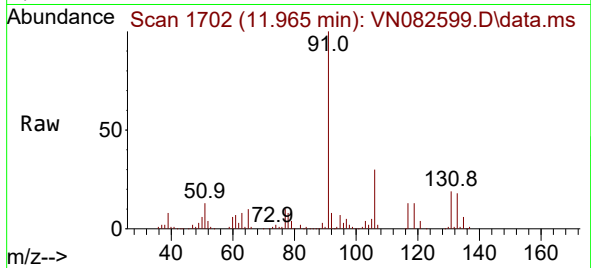
Tgt Ion:131 Resp: 46224
Ion Ratio Lower Upper
131 100
133 92.8 47.3 142.0
119 64.5 32.5 97.4





#67
Ethyl Benzene
Concen: 19.978 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

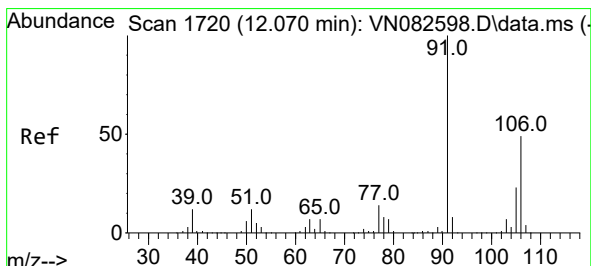
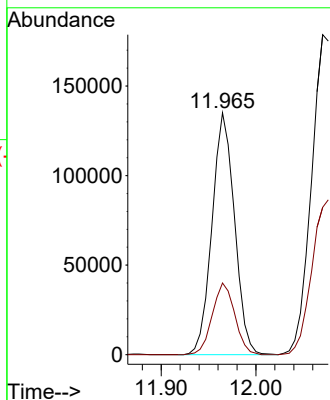
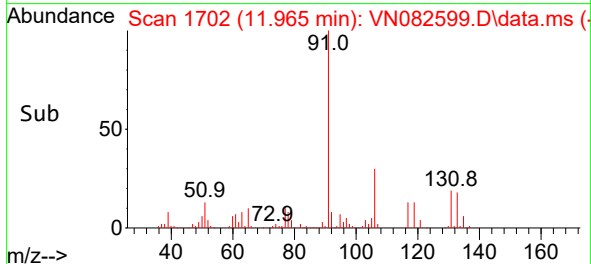
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



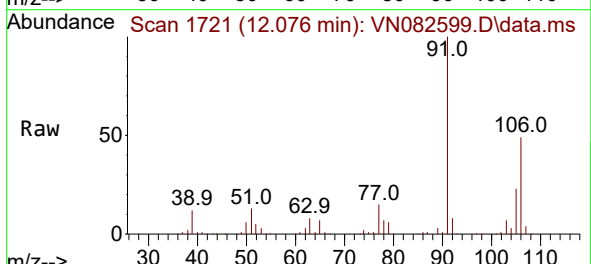
Tgt Ion: 91 Resp: 222725
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0

Manual Integrations
APPROVED

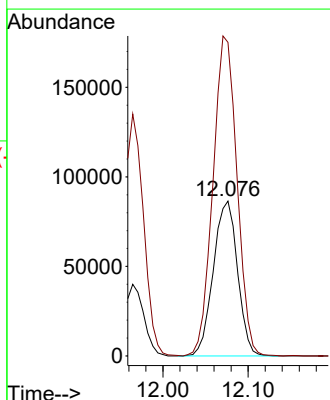
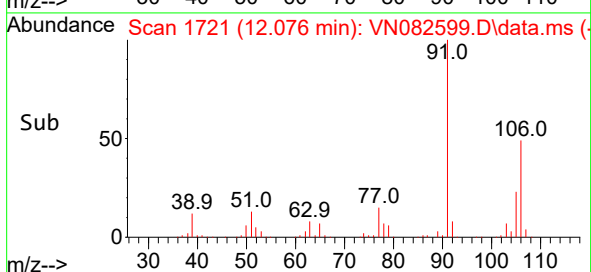
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

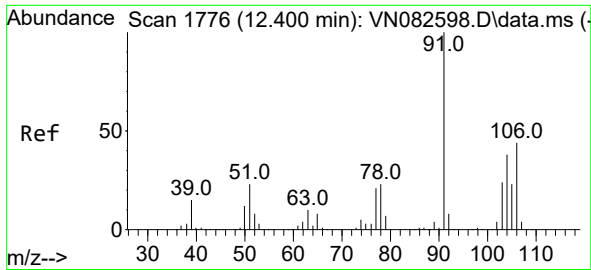


#68
m/p-Xylenes
Concen: 41.189 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



Tgt Ion:106 Resp: 170831
Ion Ratio Lower Upper
106 100
91 205.4 166.1 249.1





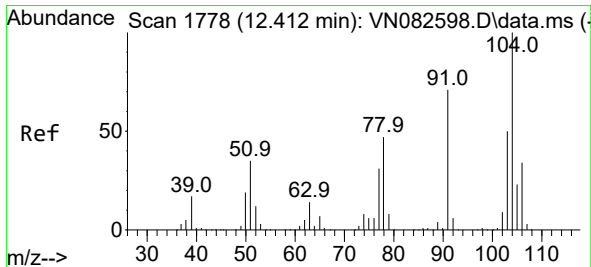
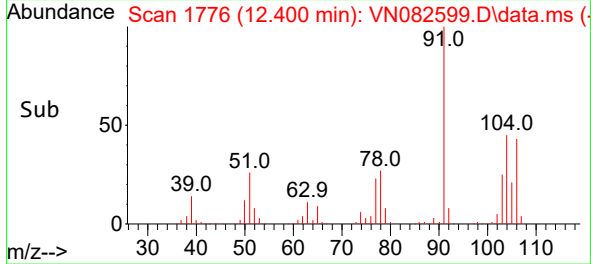
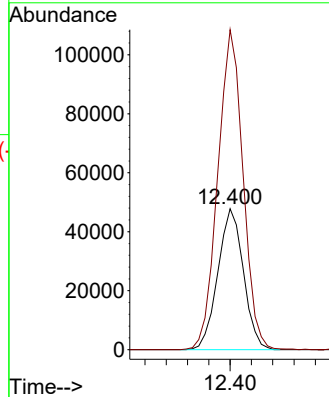
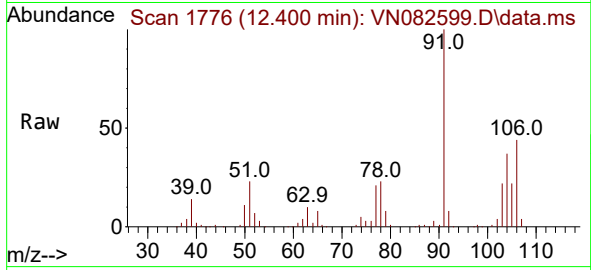
#69
o-Xylene
Concen: 20.413 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 79540
Ion Ratio Lower Upper
106 100
91 224.3 111.3 333.9

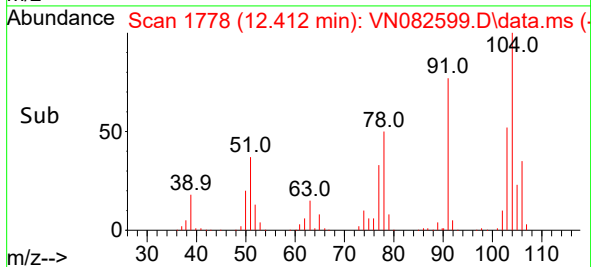
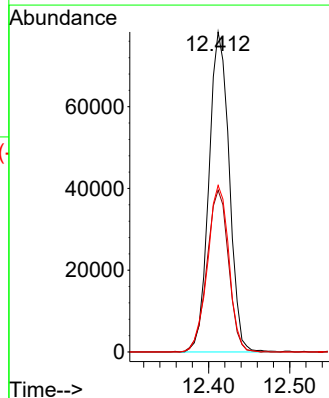
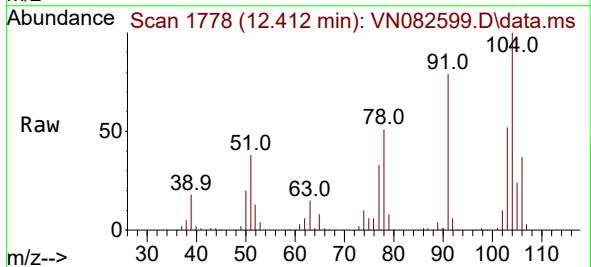
Manual Integrations
APPROVED

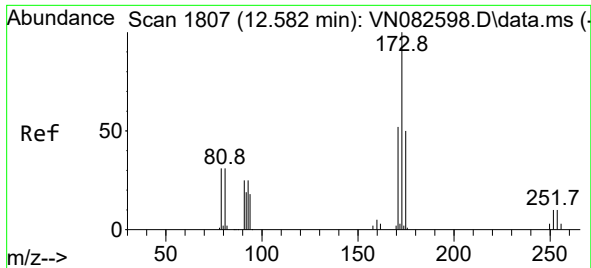
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#70
Styrene
Concen: 20.575 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion:104 Resp: 136072
Ion Ratio Lower Upper
104 100
78 53.5 41.6 62.4
103 54.7 44.0 66.0





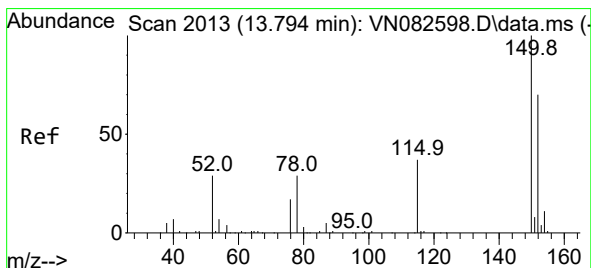
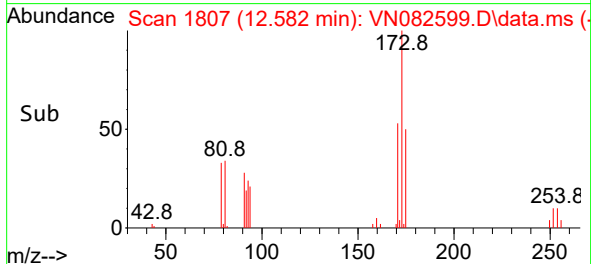
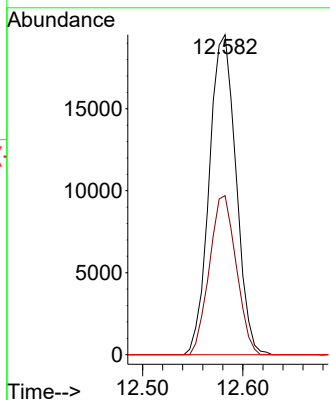
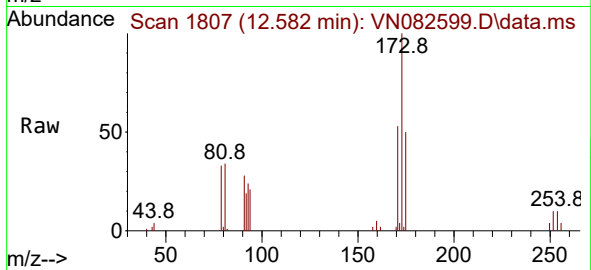
#71
Bromoform
Concen: 19.581 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 3611
Ion Ratio Lower Upper
173 100
175 49.9 24.0 72.0
254 0.0 0.0 0.0

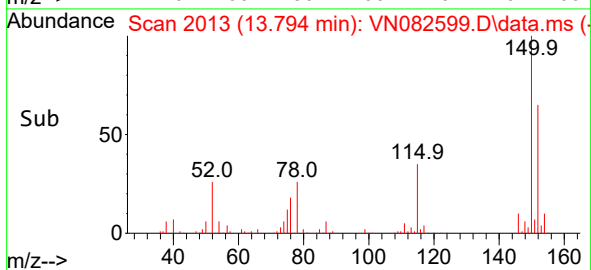
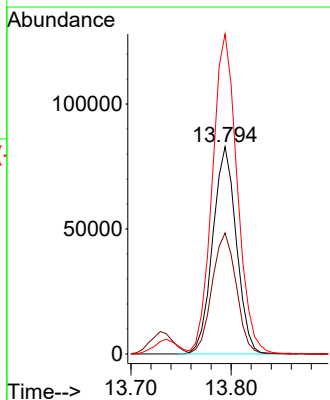
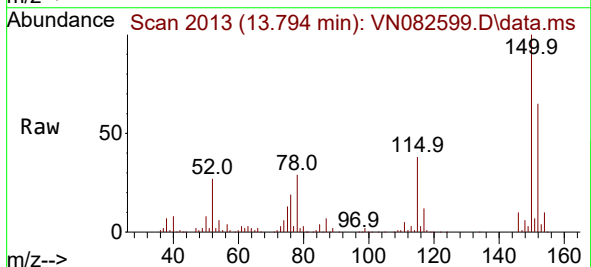
Manual Integrations
APPROVED

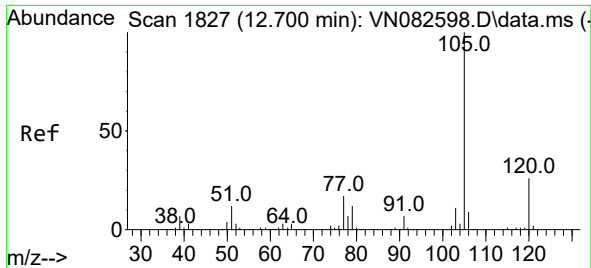
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion:152 Resp: 135715
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 162.5 0.0 348.6





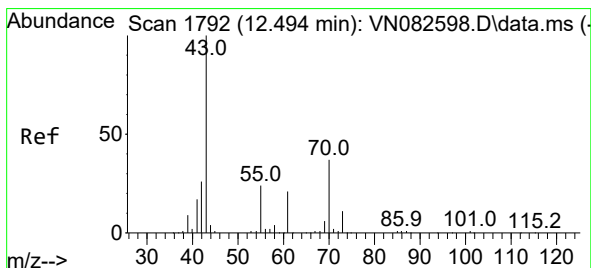
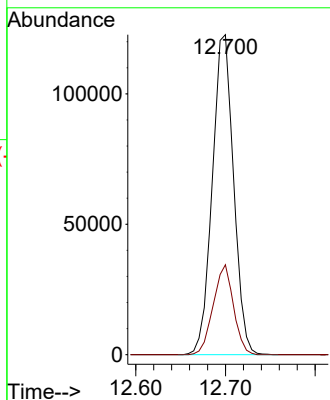
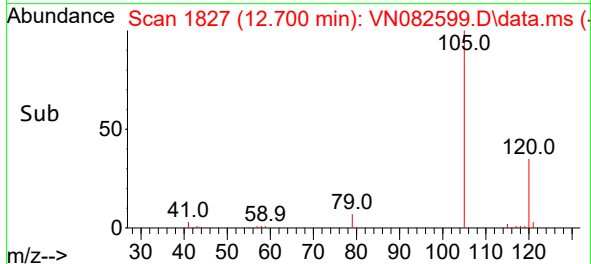
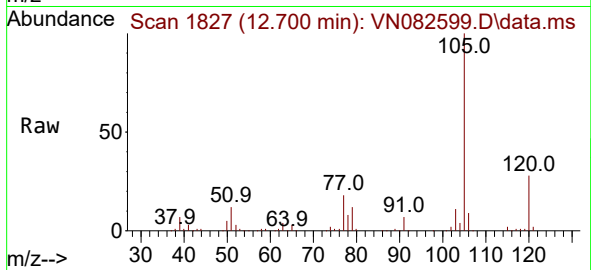
#73
Isopropylbenzene
Concen: 19.597 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 201962
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

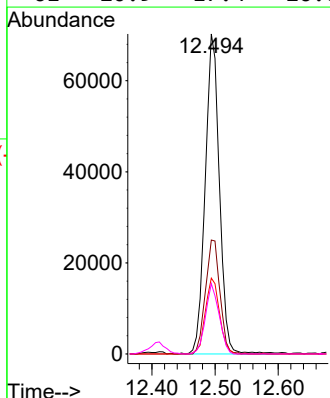
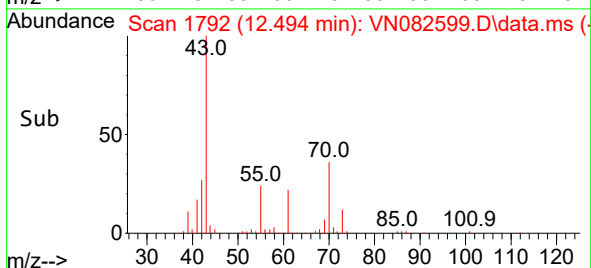
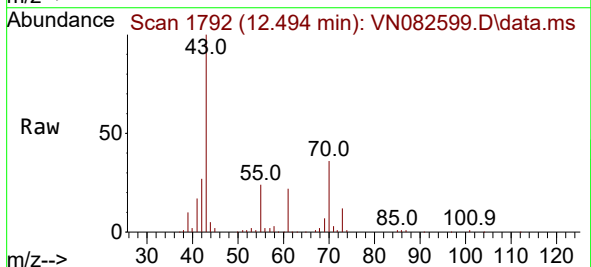
Manual Integrations
APPROVED

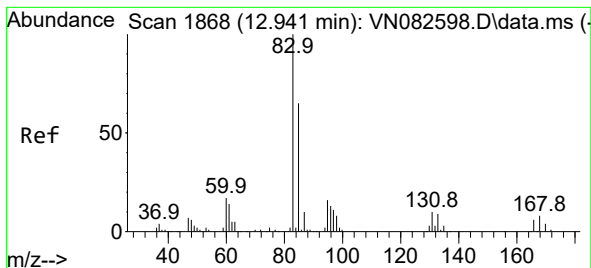
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#74
N-ethyl acetate
Concen: 19.989 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion: 43 Resp: 109938
Ion Ratio Lower Upper
43 100
70 36.2 29.8 44.6
55 23.6 18.7 28.1
61 20.9 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.074 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 6411

Ion Ratio Lower Upper

83 100

131 9.2 5.0 14.9

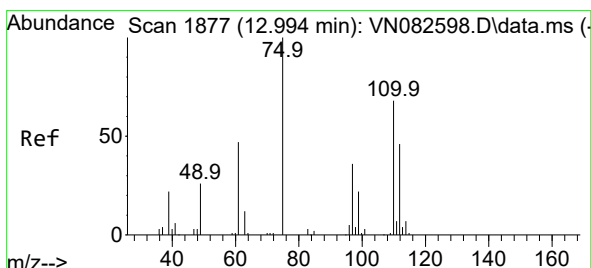
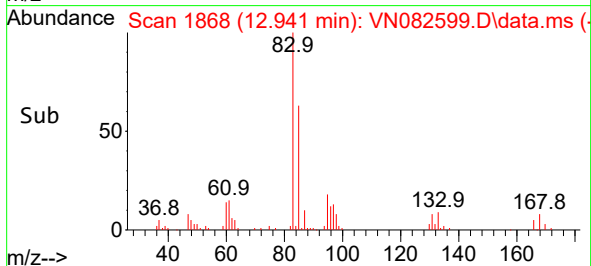
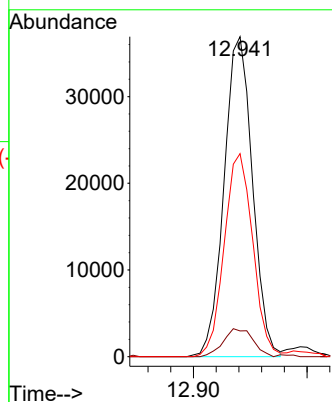
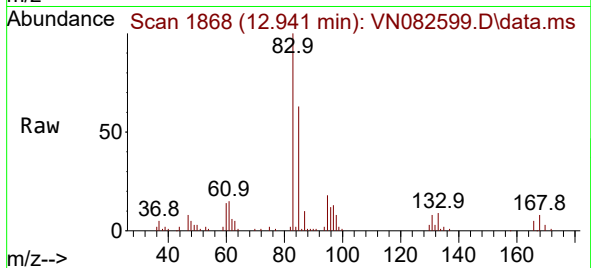
85 64.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#76

1,2,3-Trichloropropane

Concen: 20.392 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082599.D

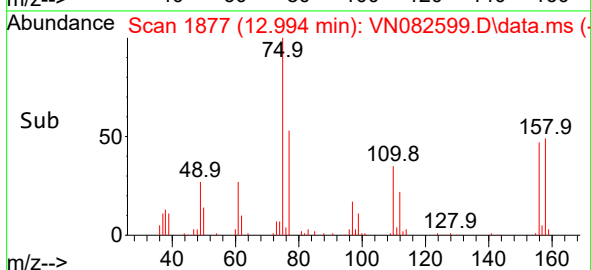
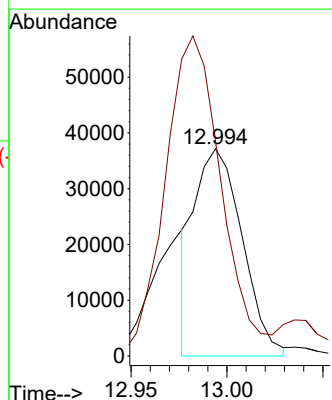
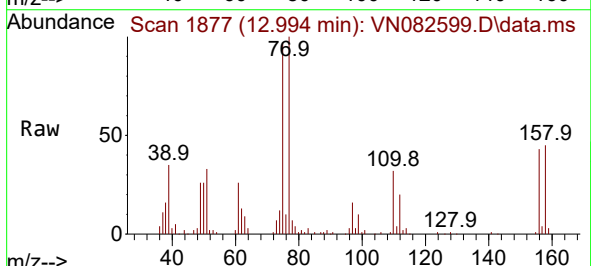
Acq: 17 Jun 2024 10:28

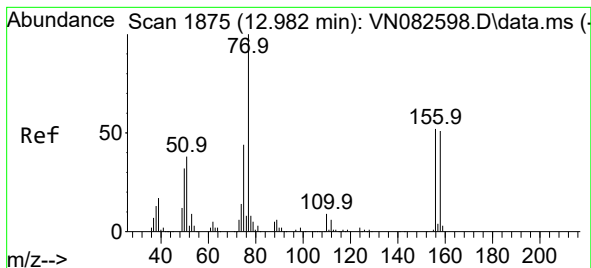
Tgt Ion: 75 Resp: 64068

Ion Ratio Lower Upper

75 100

77 182.5 110.9 332.6





#77

Bromobenzene

Concen: 19.243 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

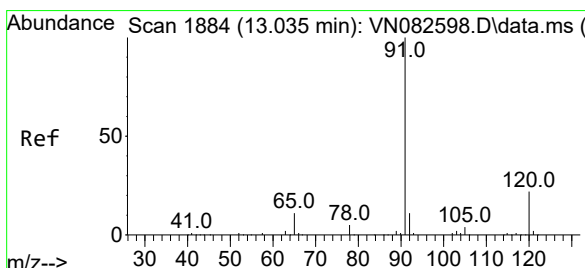
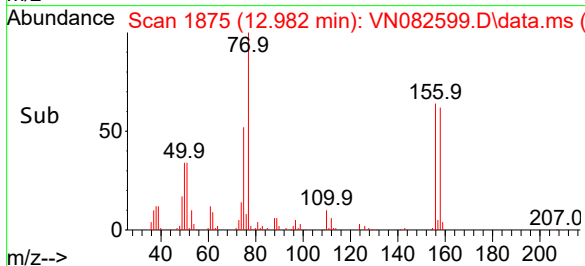
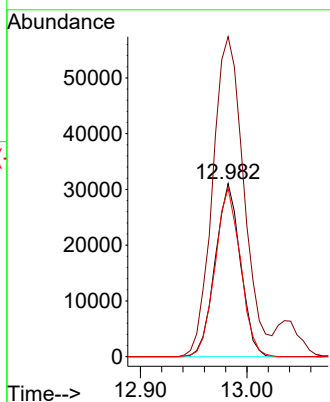
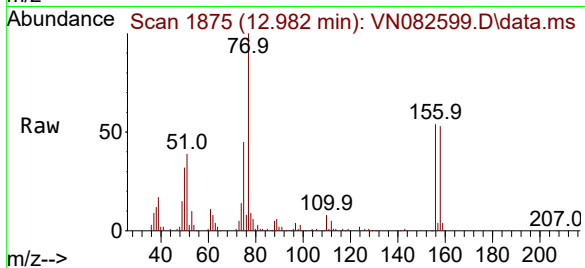
Tgt Ion:	156	Resp:	51044
Ion Ratio	Lower	Upper	
156	100		
77	229.1	111.3	333.8
158	98.1	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#78

n-propylbenzene

Concen: 20.026 ug/l

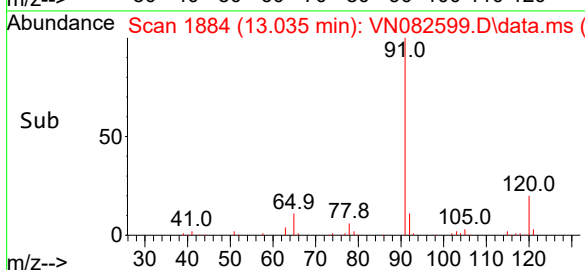
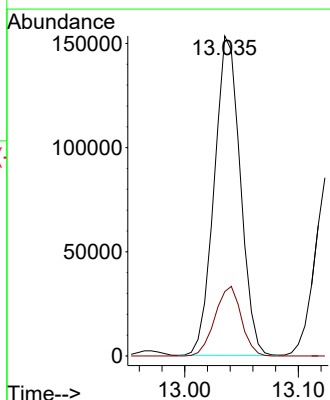
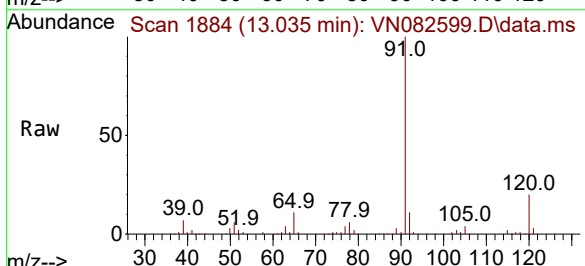
RT: 13.035 min Scan# 1884

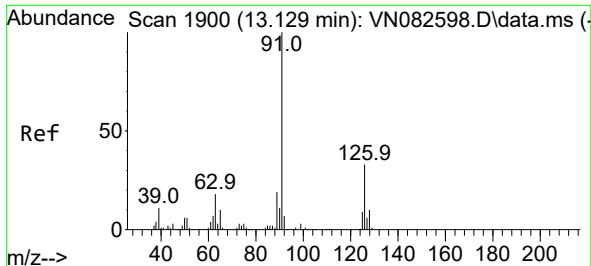
Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Tgt Ion:	91	Resp:	244117
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.9





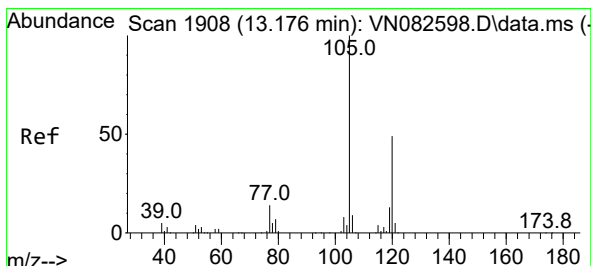
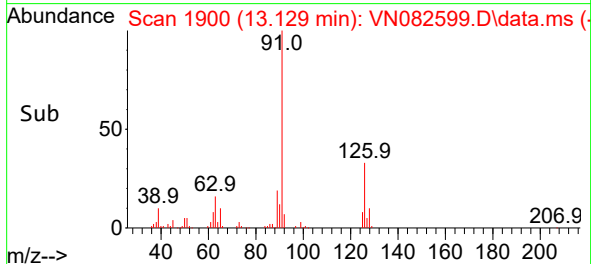
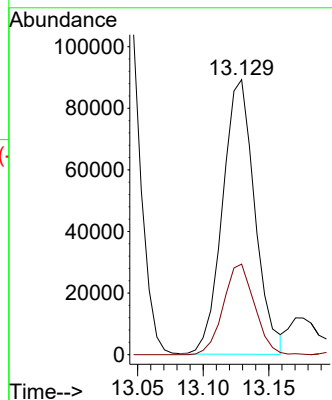
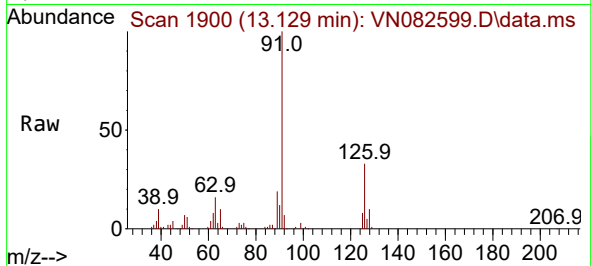
#79
2-Chlorotoluene
Concen: 19.970 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 152660
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6

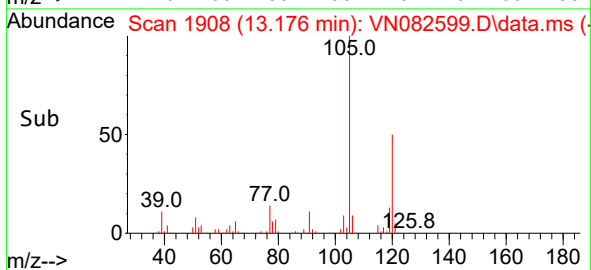
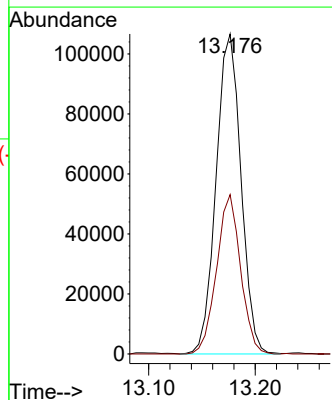
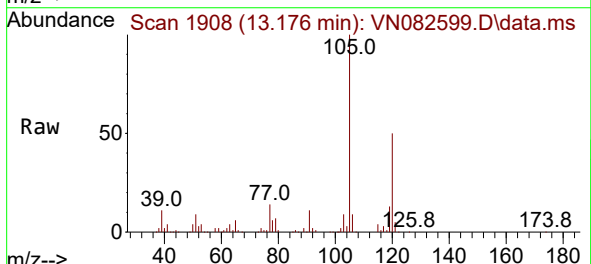
Manual Integrations
APPROVED

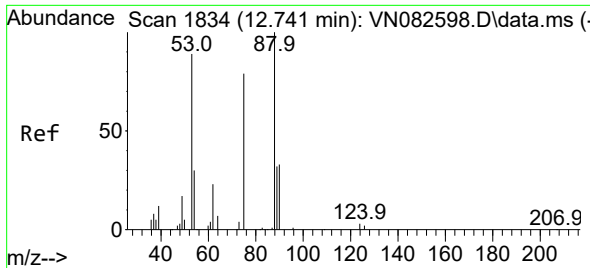
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.673 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

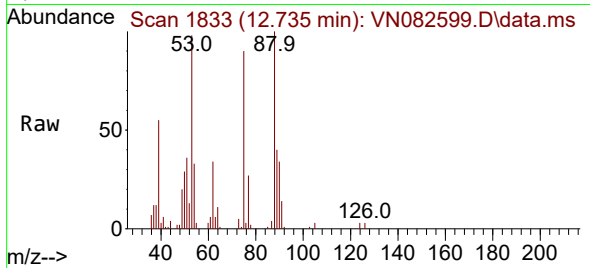
Tgt Ion:105 Resp: 172897
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.662 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

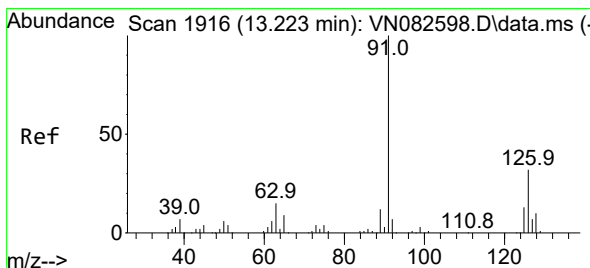
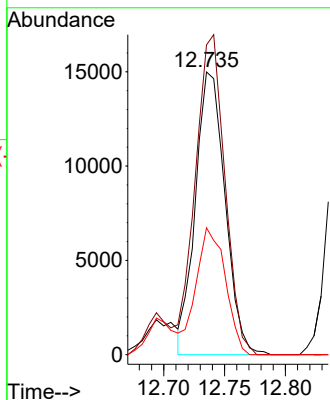
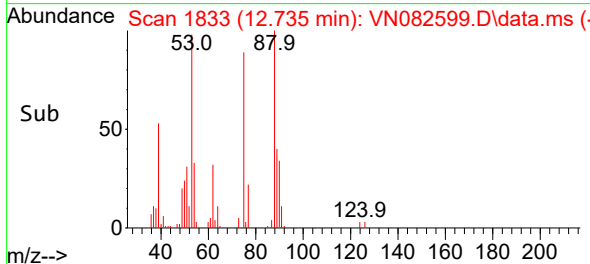
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 25390
Ion Ratio Lower Upper
75 100
53 114.3 88.4 132.6
89 44.6 36.3 54.5

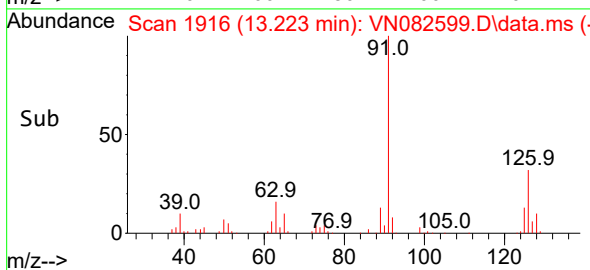
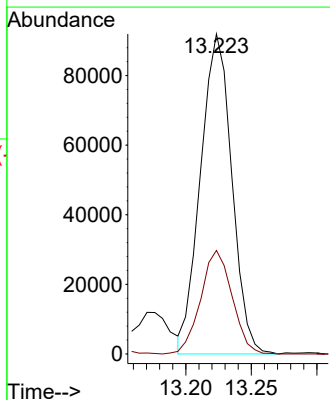
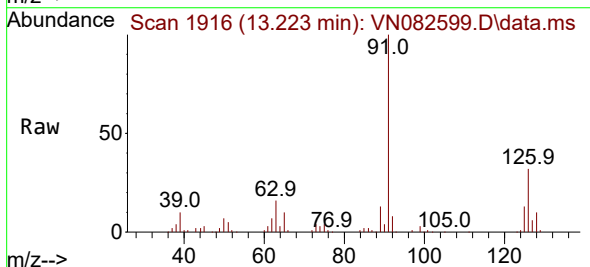
Manual Integrations
APPROVED

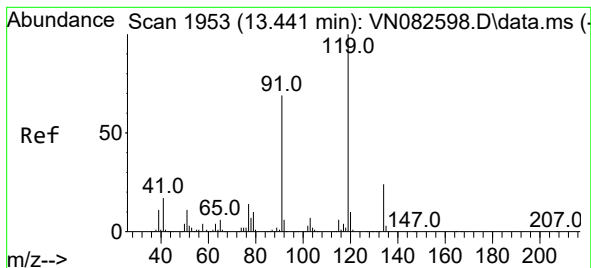
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#82
4-Chlorotoluene
Concen: 20.001 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

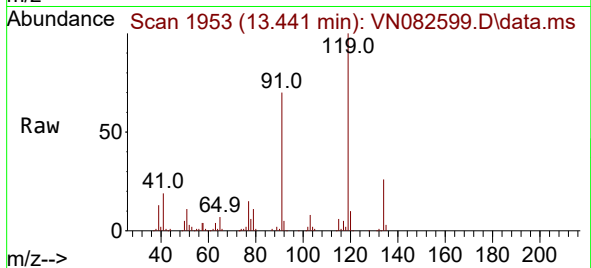
Tgt Ion: 91 Resp: 152737
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 20.119 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

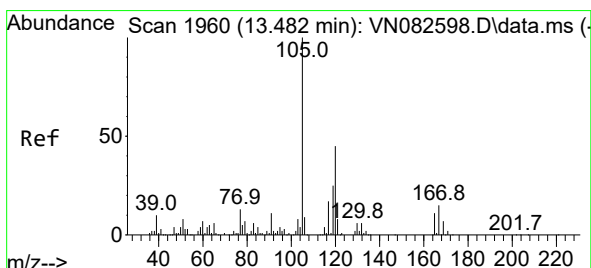
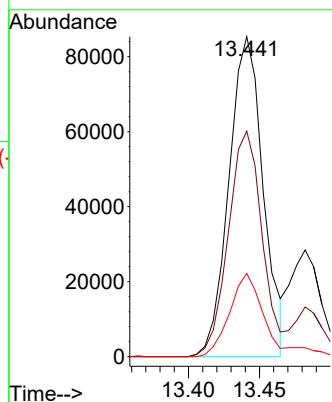
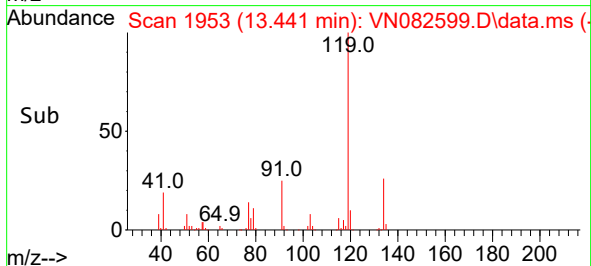
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



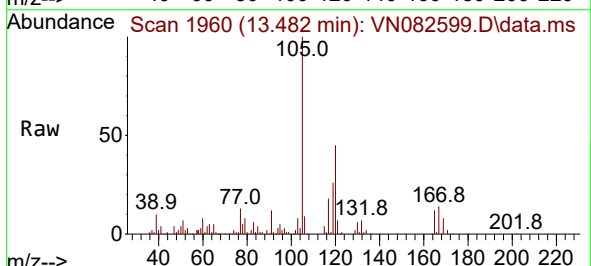
Tgt Ion:119 Resp: 143324
Ion Ratio Lower Upper
119 100
91 69.2 35.0 105.1
134 27.1 13.3 39.8

Manual Integrations
APPROVED

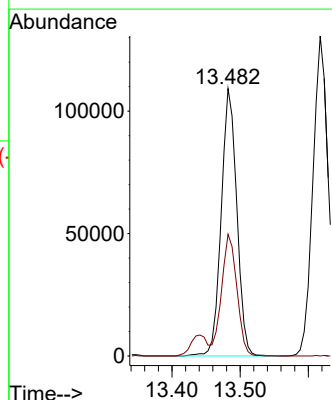
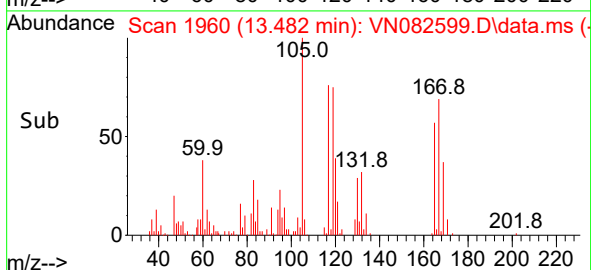
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

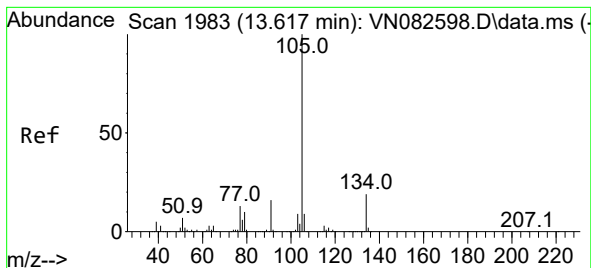


#84
1,2,4-Trimethylbenzene
Concen: 20.700 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



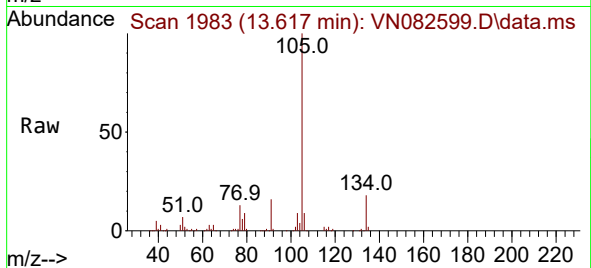
Tgt Ion:105 Resp: 173666
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 20.249 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28

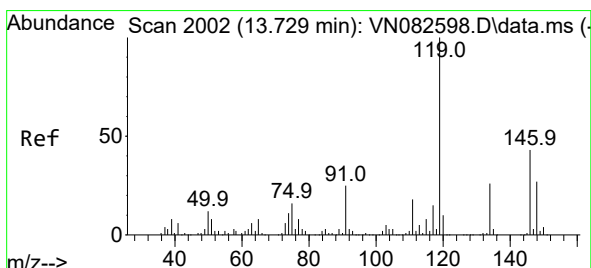
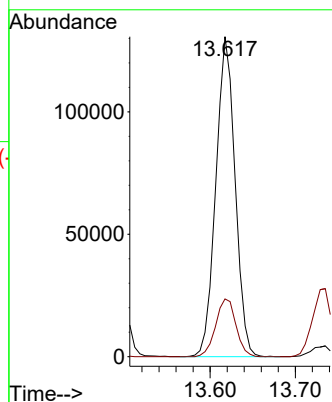
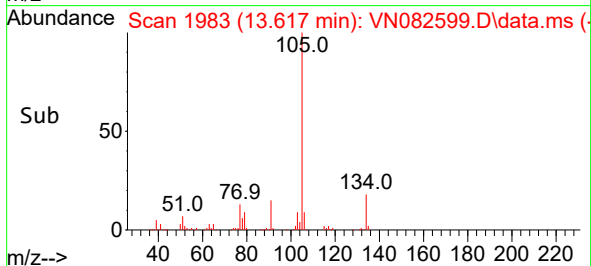
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



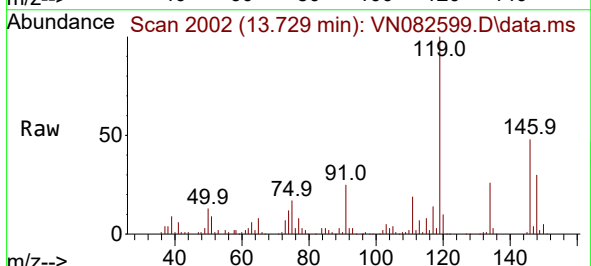
Tgt Ion:105 Resp: 20486
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
 APPROVED

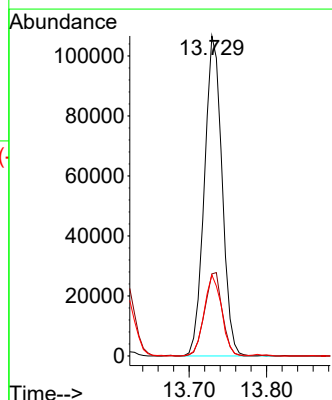
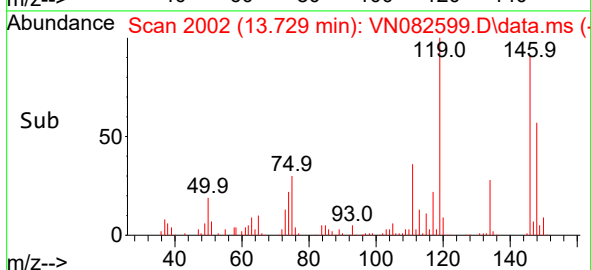
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

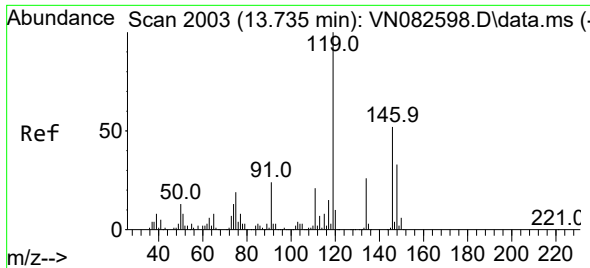


#86
 p-Isopropyltoluene
 Concen: 20.708 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082599.D
 Acq: 17 Jun 2024 10:28



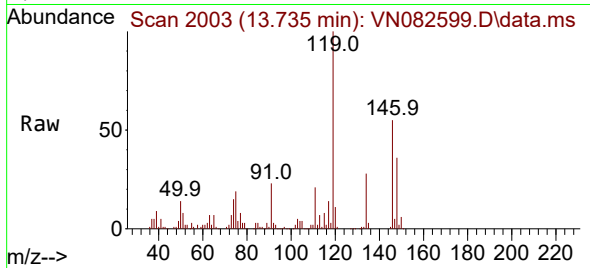
Tgt Ion:119 Resp: 168719
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 25.1 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 19.616 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

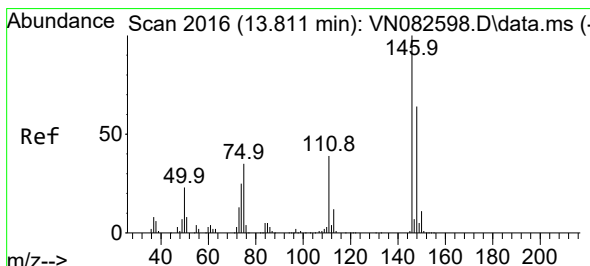
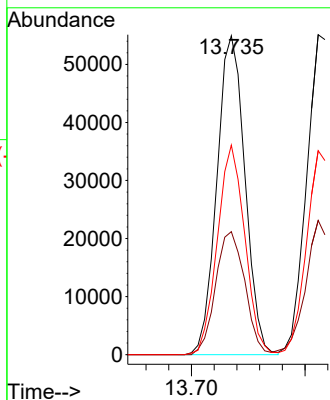
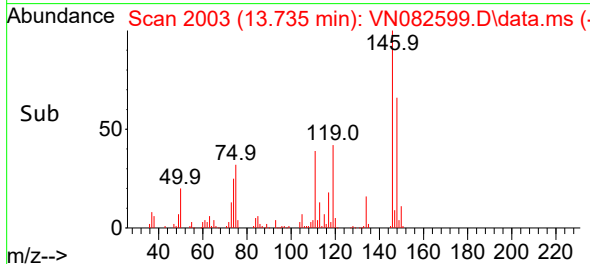
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



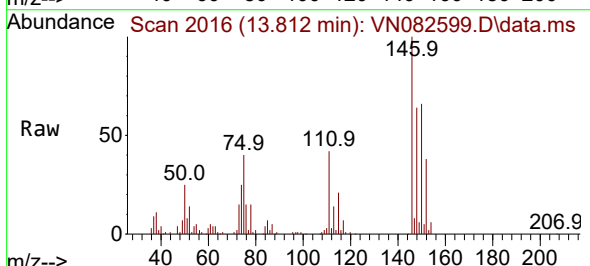
Tgt Ion:146 Resp: 94340
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.9
148 64.3 31.8 95.3

Manual Integrations
APPROVED

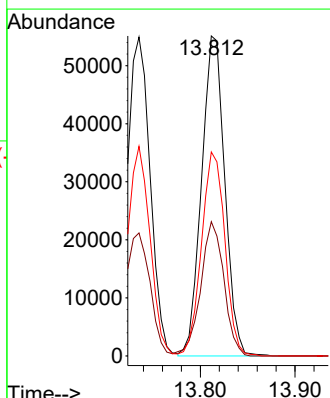
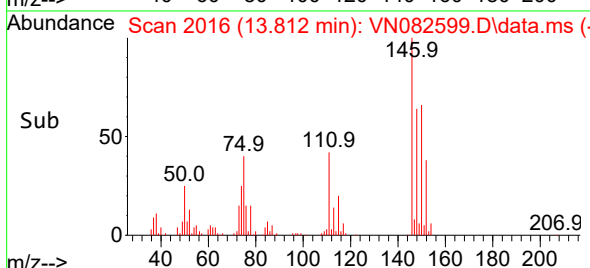
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

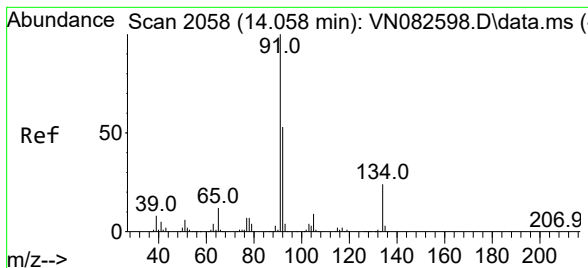


#88
1,4-Dichlorobenzene
Concen: 19.446 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



Tgt Ion:146 Resp: 93987
Ion Ratio Lower Upper
146 100
111 41.9 20.1 60.3
148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 19.849 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

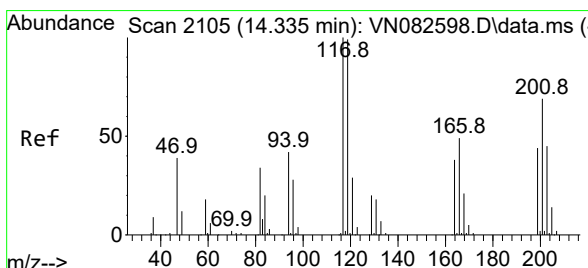
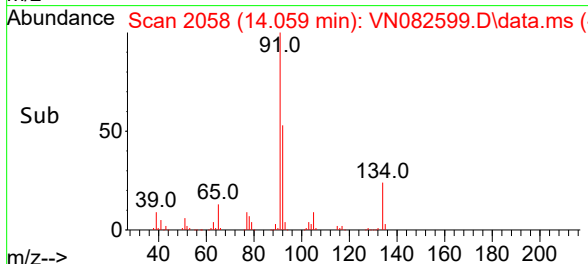
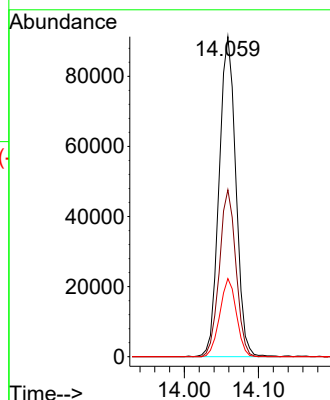
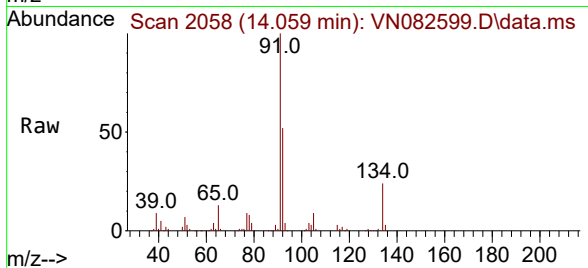
Tgt Ion:	91	Resp:	14345
Ion Ratio	Lower	Upper	
91	100		
92	51.3	26.1	78.3
134	24.1	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#90

Hexachloroethane

Concen: 19.284 ug/l

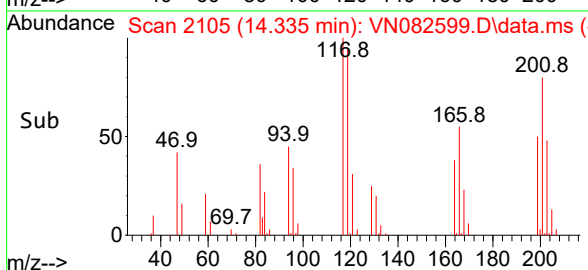
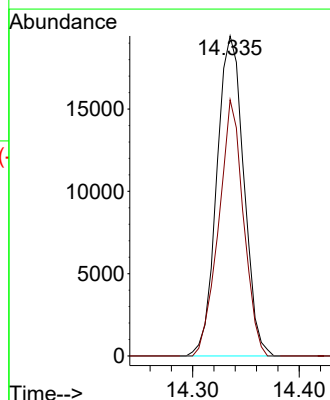
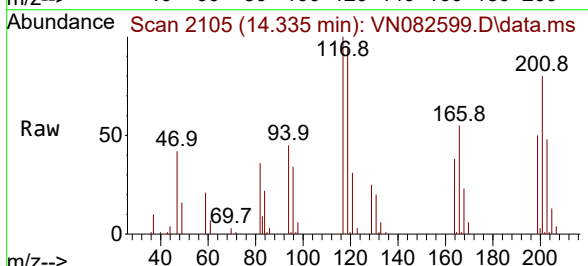
RT: 14.335 min Scan# 2105

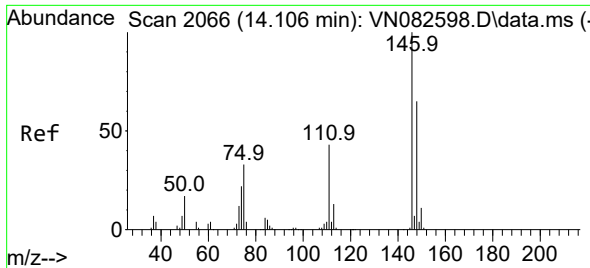
Delta R.T. 0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Tgt Ion:	117	Resp:	34185
Ion Ratio	Lower	Upper	
117	100		
201	73.6	35.8	107.3





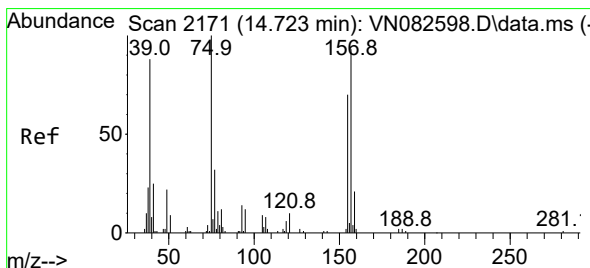
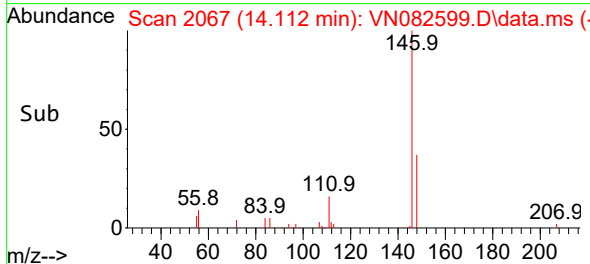
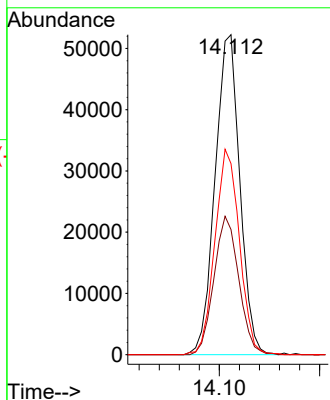
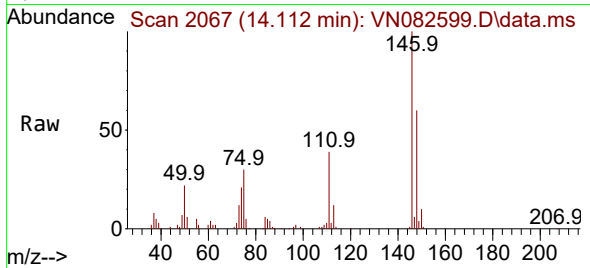
#91
1,2-Dichlorobenzene
Concen: 19.036 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 8939
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.2
148 63.7 32.1 96.5

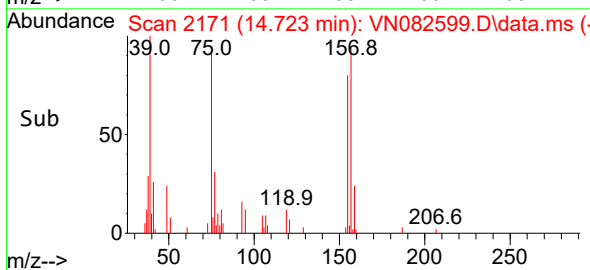
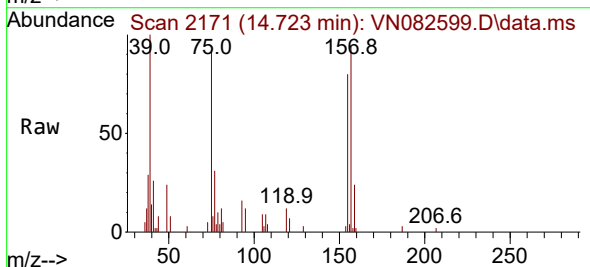
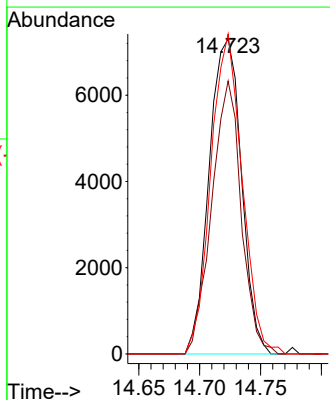
Manual Integrations
APPROVED

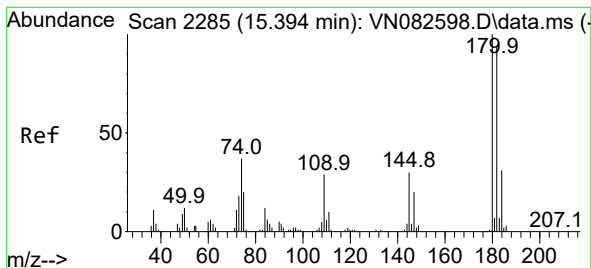
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.885 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

Tgt Ion: 75 Resp: 13435
Ion Ratio Lower Upper
75 100
155 79.3 36.6 109.8
157 98.6 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 19.477 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

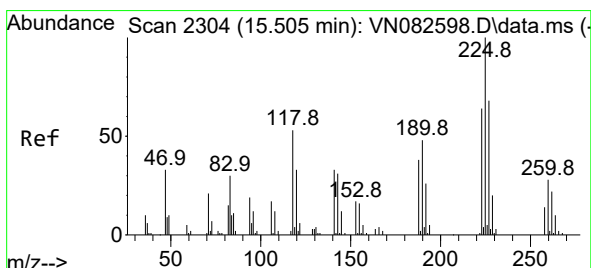
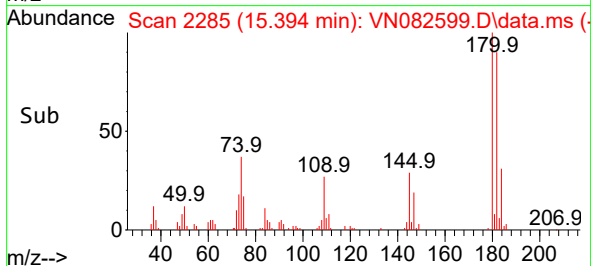
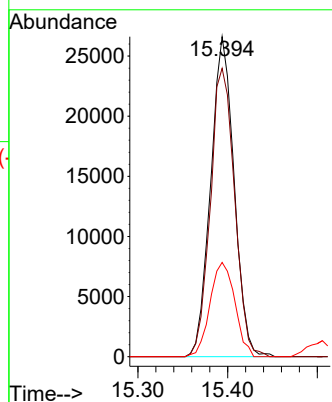
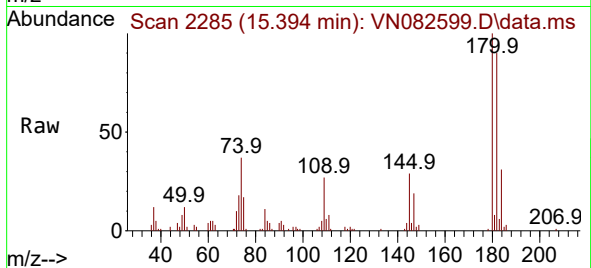
Tgt Ion:	180	Resp:	4823
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.3	141.8
145	31.2	15.7	47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#94

Hexachlorobutadiene

Concen: 18.402 ug/l

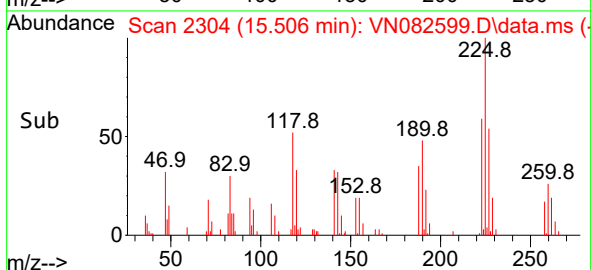
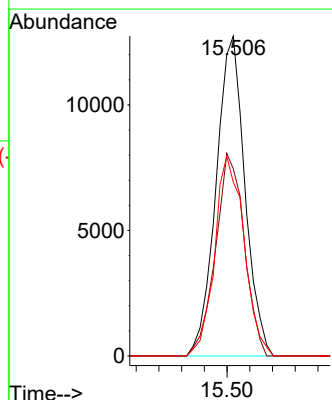
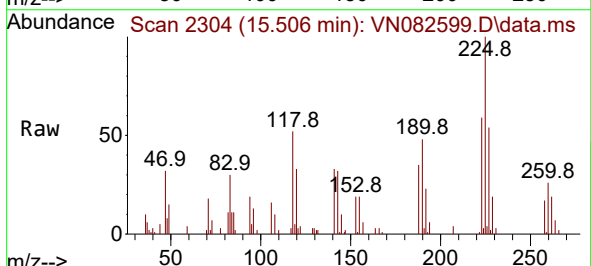
RT: 15.506 min Scan# 2304

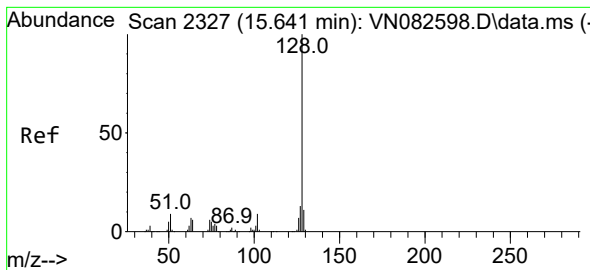
Delta R.T. 0.001 min

Lab File: VN082599.D

Acq: 17 Jun 2024 10:28

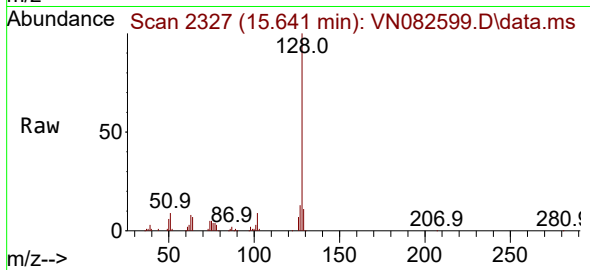
Tgt Ion:	225	Resp:	22468
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.9	95.7
227	63.4	32.5	97.5





#95
Naphthalene
Concen: 20.162 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28

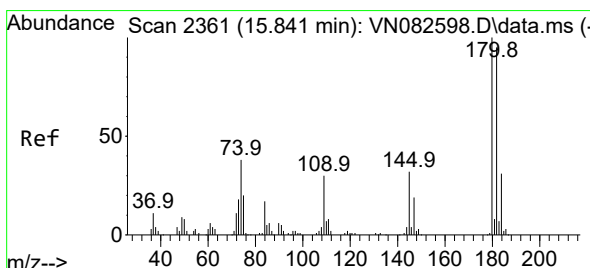
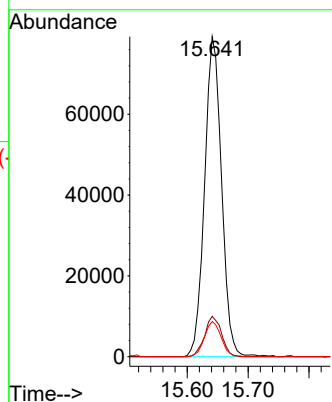
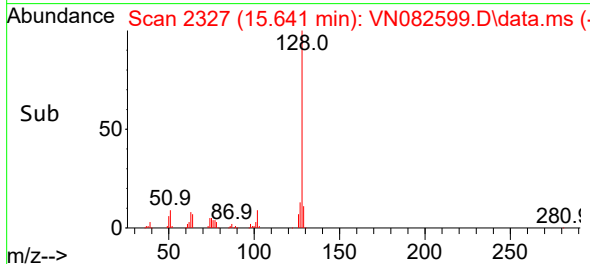
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



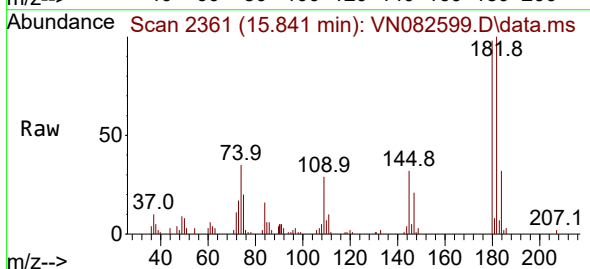
Tgt Ion:128 Resp: 153600
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.417 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082599.D
Acq: 17 Jun 2024 10:28



Tgt Ion:180 Resp: 49002
Ion Ratio Lower Upper
180 100
182 95.5 48.9 146.8
145 32.3 16.8 50.4

