

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082817.D
 Acq On : 08 Jul 2024 12:23
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 13:22:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	142231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	11118	5.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.160%#		
35) Dibromofluoromethane	8.171	113	8202	5.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.440%#		
50) Toluene-d8	10.565	98	29821	5.137	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.280%#		
62) 4-Bromofluorobenzene	12.853	95	10998	5.274	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	10.540%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9017	4.897	ug/l	98
3) Chloromethane	2.359	50	8711	4.988	ug/l	91
4) Vinyl Chloride	2.512	62	8992	4.903	ug/l	100
5) Bromomethane	2.936	94	7418	5.610	ug/l	93
6) Chloroethane	3.106	64	6325	5.040	ug/l	97
7) Trichlorofluoromethane	3.489	101	12758	4.836	ug/l	93
8) Diethyl Ether	3.965	74	4640	5.140	ug/l #	36
9) 1,1,2-Trichlorotrifluo...	4.377	101	7208	4.828	ug/l	95
10) Methyl Iodide	4.595	142	6768	4.422	ug/l	97
11) Tert butyl alcohol	5.536	59	9049	26.984	ug/l	95
12) 1,1-Dichloroethene	4.342	96	7248	4.992	ug/l	83
13) Acrolein	4.183	56	6569	27.132	ug/l	94
14) Allyl chloride	5.024	41	12233	5.404	ug/l	91
15) Acrylonitrile	5.730	53	19696	25.557	ug/l	100
16) Acetone	4.436	43	17733	25.262	ug/l	97
17) Carbon Disulfide	4.712	76	21552	4.967	ug/l #	93
18) Methyl Acetate	5.030	43	9697	5.221	ug/l #	89
19) Methyl tert-butyl Ether	5.800	73	25696	5.130	ug/l	96
20) Methylene Chloride	5.277	84	8568	5.054	ug/l	85
21) trans-1,2-Dichloroethene	5.794	96	8117	5.159	ug/l	87
22) Diisopropyl ether	6.677	45	23939	5.054	ug/l #	92
23) Vinyl Acetate	6.606	43	94377	25.092	ug/l	96
24) 1,1-Dichloroethane	6.565	63	15184	5.285	ug/l #	95
25) 2-Butanone	7.488	43	27023	25.495	ug/l #	87
26) 2,2-Dichloropropane	7.488	77	13502	5.055	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	9505	5.161	ug/l	88
28) Bromochloromethane	7.818	49	7632	6.193	ug/l #	83
29) Tetrahydrofuran	7.847	42	17012	25.495	ug/l #	86
30) Chloroform	7.965	83	16172	5.306	ug/l	98
31) Cyclohexane	8.253	56	15024	5.764	ug/l #	87
32) 1,1,1-Trichloroethane	8.171	97	14592	5.157	ug/l	89
36) 1,1-Dichloropropene	8.377	75	10545	4.866	ug/l	97
37) Ethyl Acetate	7.559	43	11283	5.114	ug/l #	93
38) Carbon Tetrachloride	8.365	117	13283	5.091	ug/l	97
39) Methylcyclohexane	9.600	83	10969	4.686	ug/l	97
40) Benzene	8.612	78	33629	5.045	ug/l	98

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

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

Quant Time: Jul 08 13:22:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	6493	5.463	ug/l	94
42) 1,2-Dichloroethane	8.677	62	12166	5.070	ug/l	99
43) Isopropyl Acetate	8.694	43	33155	5.465	ug/l #	88
44) Trichloroethene	9.353	130	8229	4.818	ug/l	90
45) 1,2-Dichloropropane	9.624	63	7784	5.002	ug/l	92
46) Dibromomethane	9.706	93	6380	5.262	ug/l	98
47) Bromodichloromethane	9.888	83	12619	5.037	ug/l	96
48) Methyl methacrylate	9.682	41	8837	5.108	ug/l	94
49) 1,4-Dioxane	9.700	88	3936	98.417	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	55304	25.284	ug/l	96
52) Toluene	10.635	92	20547	4.934	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	12497	4.842	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	13394	4.903	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	8039	5.250	ug/l	98
56) Ethyl methacrylate	10.877	69	11051	4.639	ug/l	92
57) 1,3-Dichloropropane	11.165	76	13795	5.090	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	29855	24.423	ug/l	94
59) 2-Hexanone	11.200	43	40247	24.749	ug/l	96
60) Dibromochloromethane	11.359	129	9727	4.987	ug/l	99
61) 1,2-Dibromoethane	11.471	107	8375	5.150	ug/l	98
64) Tetrachloroethene	11.106	164	8303	5.149	ug/l	98
65) Chlorobenzene	11.894	112	23644	5.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	8452	5.131	ug/l	97
67) Ethyl Benzene	11.965	91	39052	5.017	ug/l	99
68) m/p-Xylenes	12.071	106	28447	9.680	ug/l	96
69) o-Xylene	12.400	106	13646	4.846	ug/l	96
70) Styrene	12.418	104	21825	4.691	ug/l	98
71) Bromoform	12.582	173	6499	5.016	ug/l #	92
73) Isopropylbenzene	12.694	105	33747	4.841	ug/l	97
74) N-amyl acetate	12.494	43	13668	4.740	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	11519	5.518	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	9008m	4.747	ug/l	
77) Bromobenzene	12.982	156	9187	5.109	ug/l	96
78) n-propylbenzene	13.035	91	39007	4.867	ug/l	97
79) 2-Chlorotoluene	13.123	91	25723	5.037	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	26600	4.721	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	4162	4.949	ug/l	95
82) 4-Chlorotoluene	13.223	91	25436	5.032	ug/l	99
83) tert-Butylbenzene	13.441	119	25306	5.066	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	27534	4.794	ug/l	96
85) sec-Butylbenzene	13.618	105	33213	4.920	ug/l	98
86) p-Isopropyltoluene	13.729	119	27368	4.859	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	16531	5.089	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	16562	5.080	ug/l	91
89) n-Butylbenzene	14.059	91	23569	4.885	ug/l	95
90) Hexachloroethane	14.335	117	6293	5.281	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	15890	5.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2458	5.089	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	8218	4.837	ug/l	98
94) Hexachlorobutadiene	15.500	225	3626	4.814	ug/l	97
95) Naphthalene	15.641	128	26914	4.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	8502	4.867	ug/l	96

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

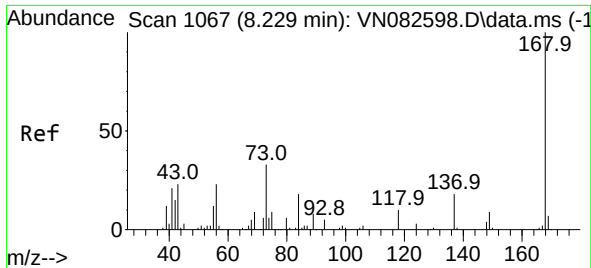
Manual Integrations
APPROVED

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

Quant Time: Jul 08 13:22:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:14:54 2024
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

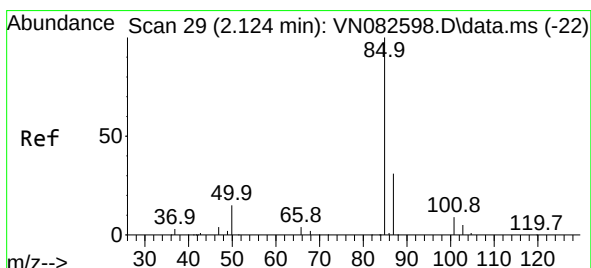
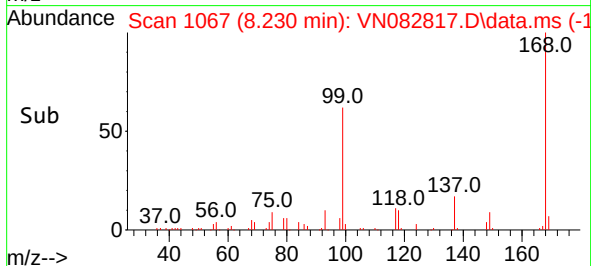
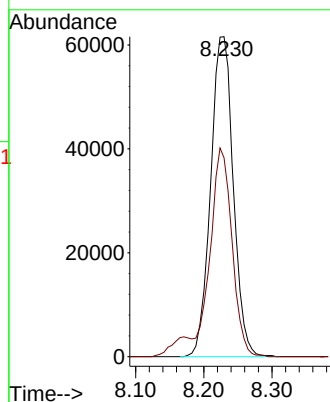
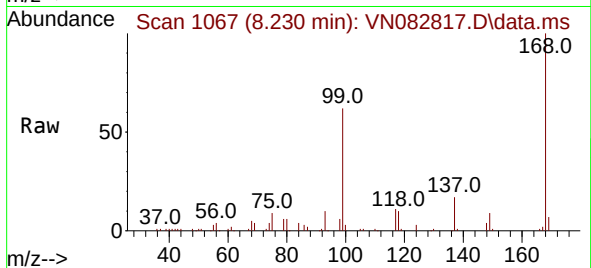
Tgt Ion:168 Resp: 14223
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4

Manual Integrations

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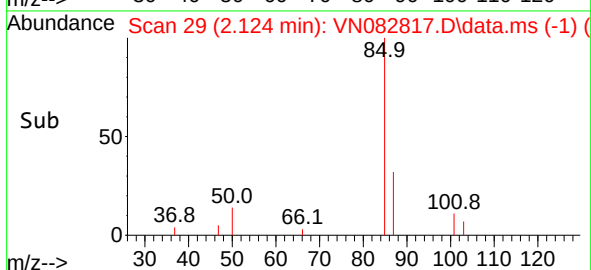
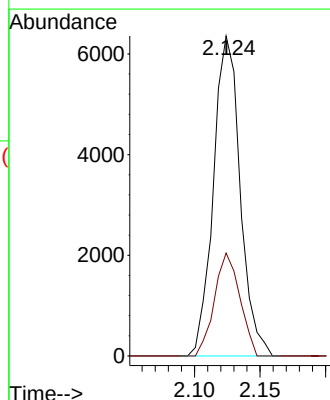
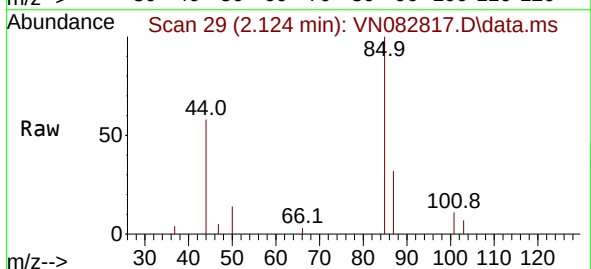
Reviewed By :John Carlone 07/08/2024

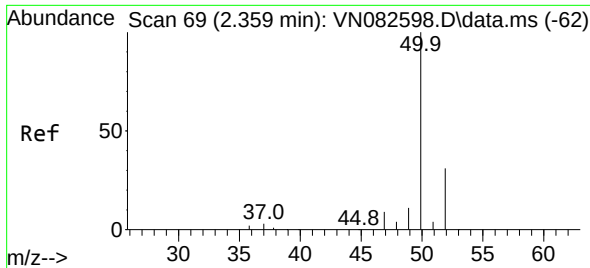
Supervised By :Mahesh Dadoda 07/09/2024



#2
Dichlorodifluoromethane
Concen: 4.897 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 85 Resp: 9017
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





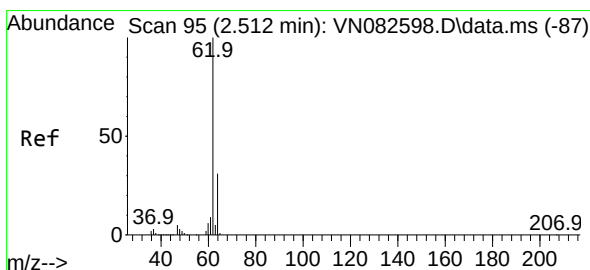
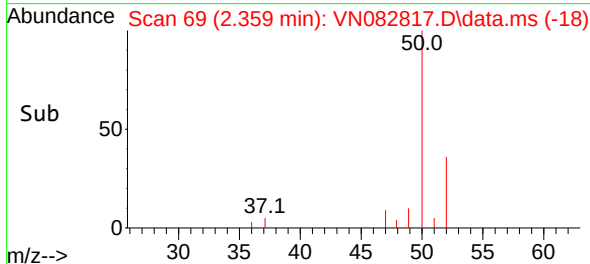
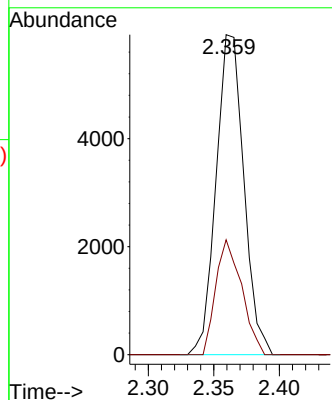
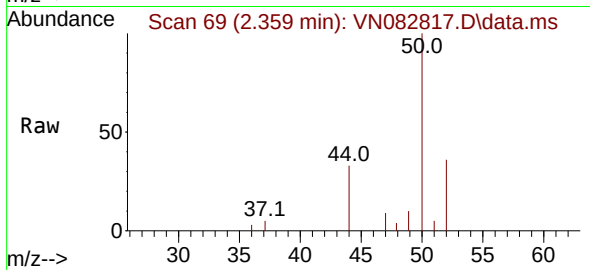
#3
Chloromethane
Concen: 4.988 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 871
Ion Ratio Lower Upper
50 100
52 35.9 25.0 37.4

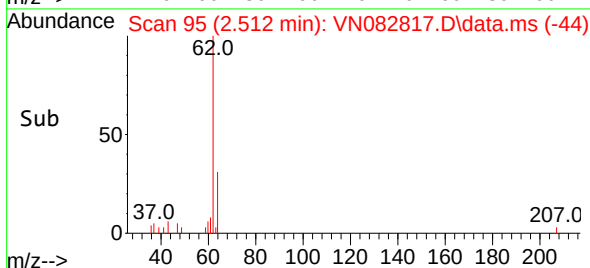
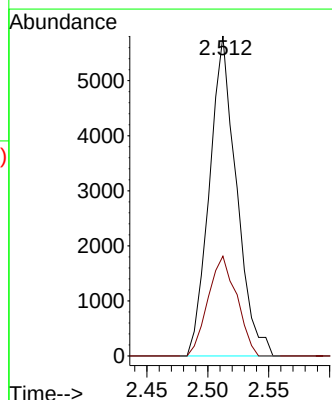
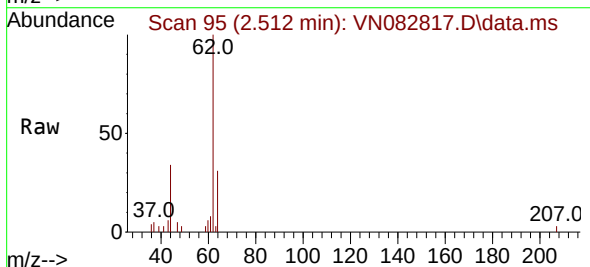
Manual Integrations
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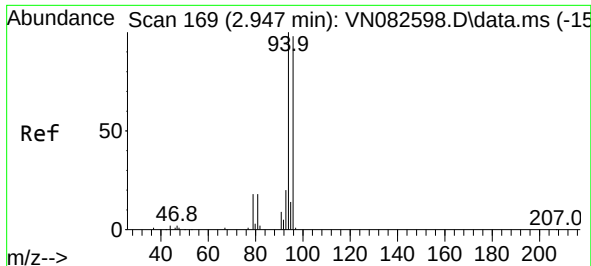
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#4
Vinyl Chloride
Concen: 4.903 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

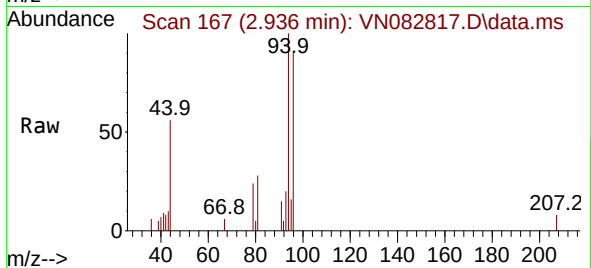
Tgt Ion: 62 Resp: 8992
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6





#5
Bromomethane
Concen: 5.610 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

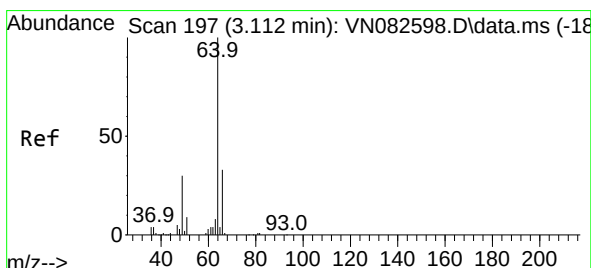
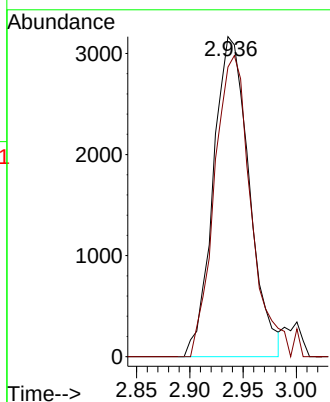
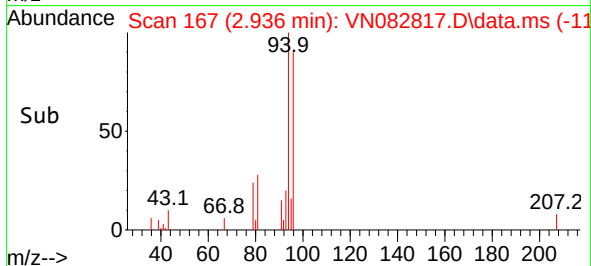
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 7418
Ion Ratio Lower Upper
94 100
96 90.5 78.0 117.0

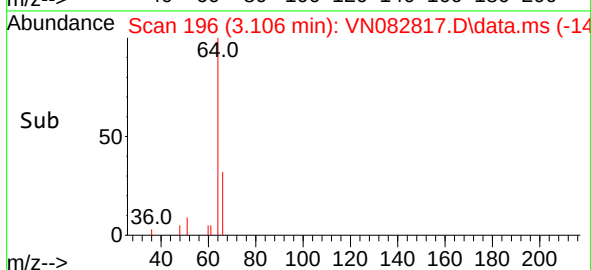
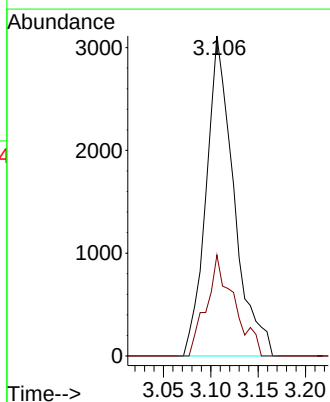
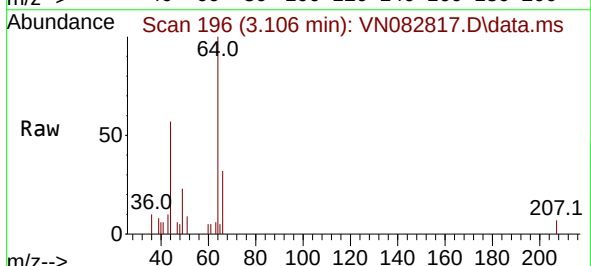
Manual Integrations
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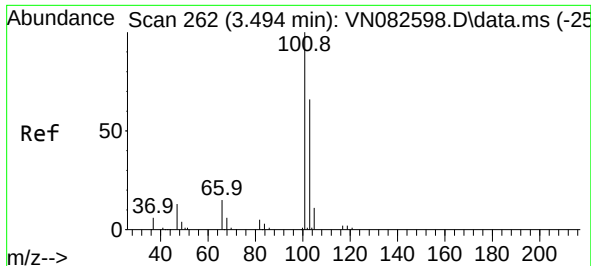
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#6
Chloroethane
Concen: 5.040 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 64 Resp: 6325
Ion Ratio Lower Upper
64 100
66 31.5 26.6 40.0





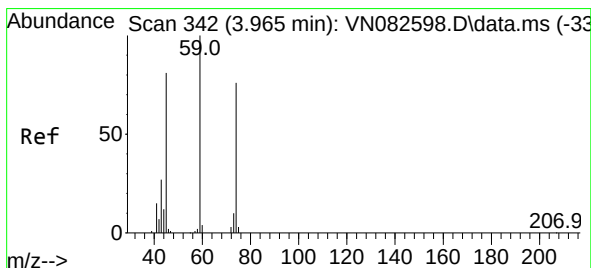
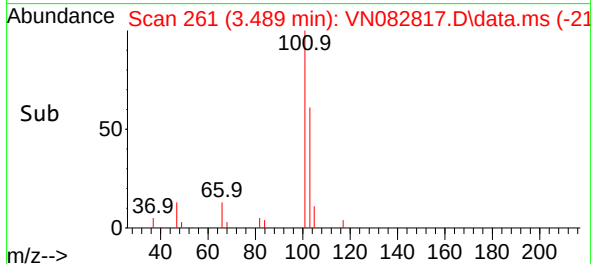
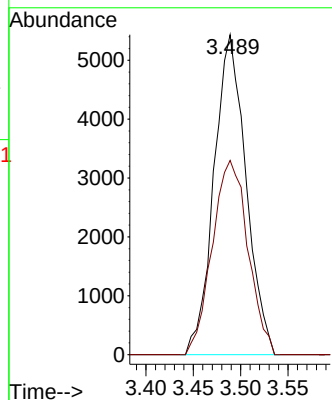
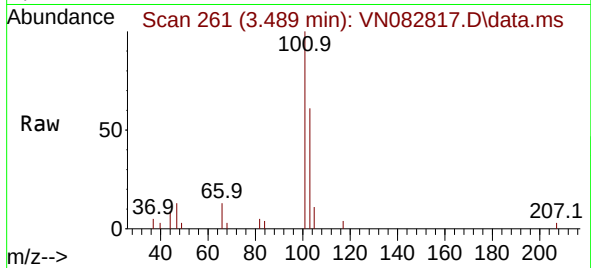
#7
Trichlorofluoromethane
Concen: 4.836 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.005 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 12758
Ion Ratio Lower Upper
101 100
103 60.7 52.7 79.1

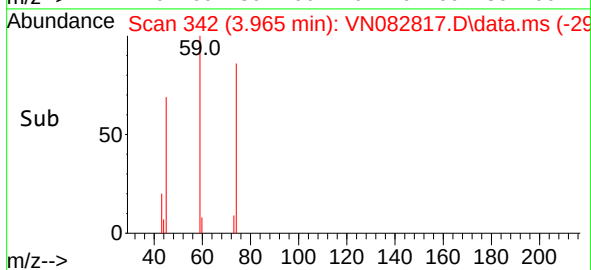
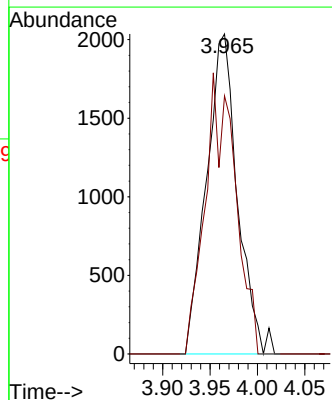
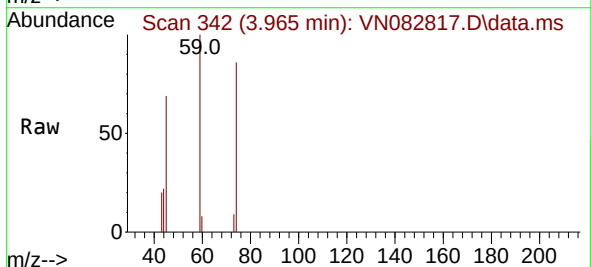
Manual Integrations
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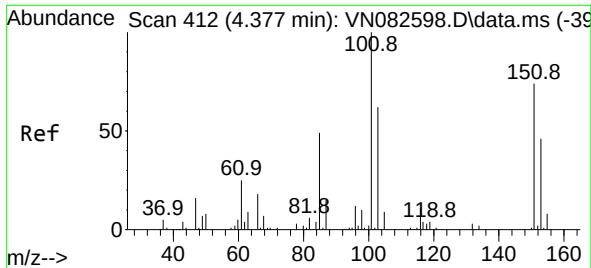
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#8
Diethyl Ether
Concen: 5.140 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

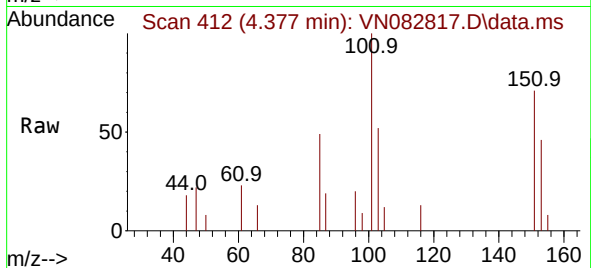
Tgt Ion: 74 Resp: 4640
Ion Ratio Lower Upper
74 100
45 43.0 55.5 166.3#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.828 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

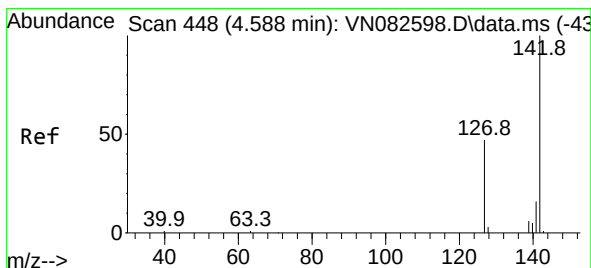
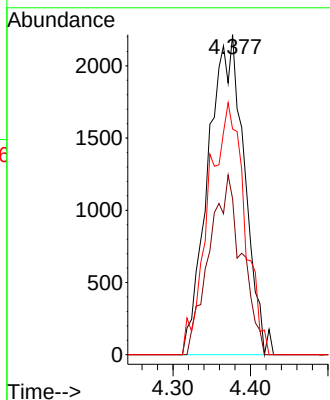
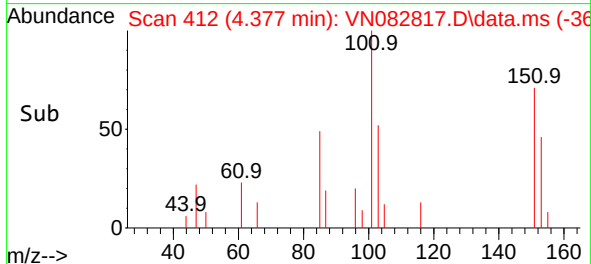
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



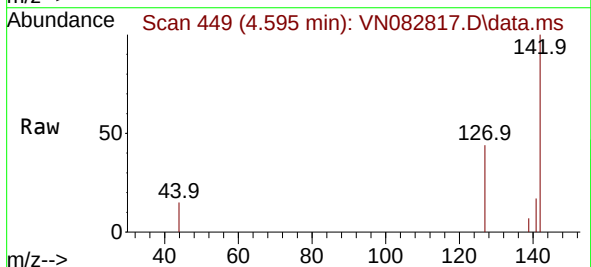
Tgt Ion:101 Resp: 7208
Ion Ratio Lower Upper
101 100
85 50.6 38.3 57.5
151 78.7 59.3 88.9

Manual Integrations
APPROVED

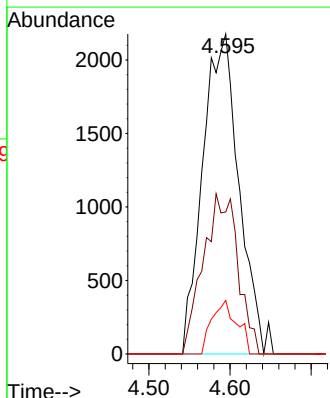
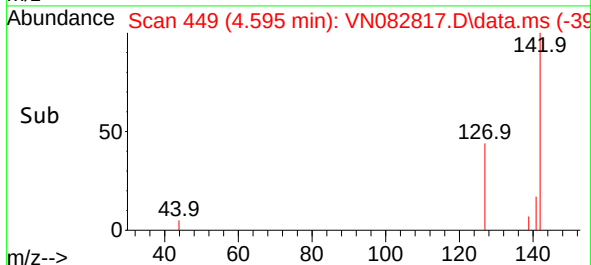
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

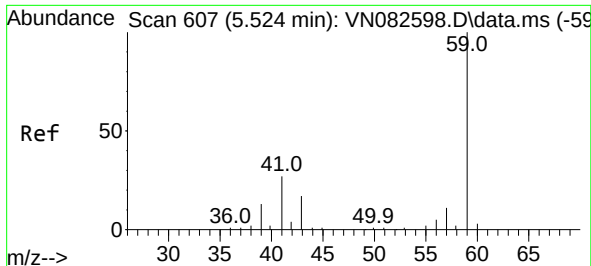


#10
Methyl Iodide
Concen: 4.422 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.007 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion:142 Resp: 6768
Ion Ratio Lower Upper
142 100
127 44.4 37.5 56.3
141 16.8 13.1 19.7





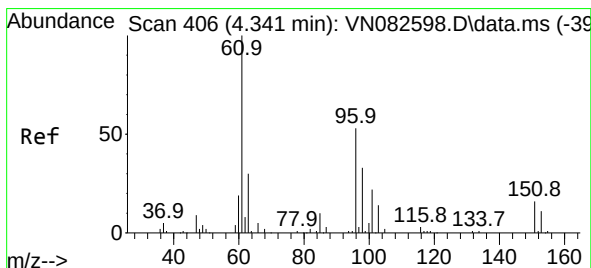
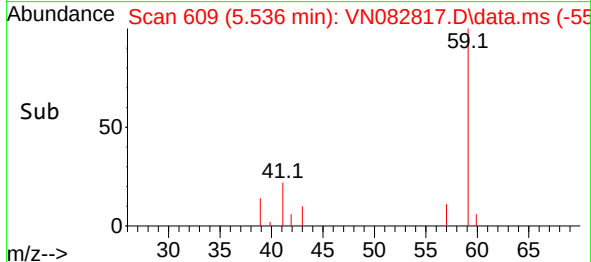
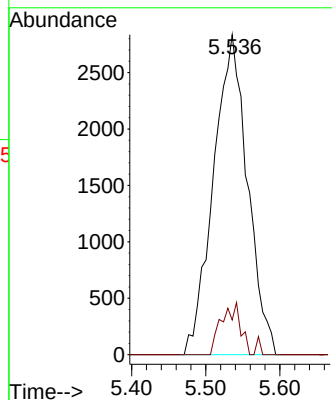
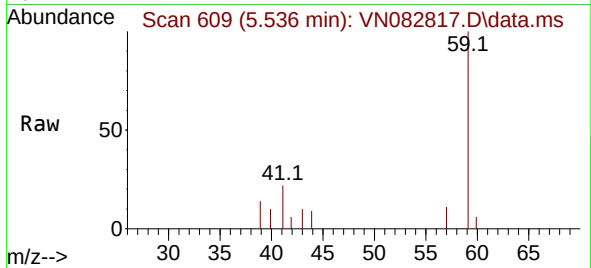
#11
Tert butyl alcohol
Concen: 26.984 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 9049
Ion Ratio Lower Upper
59 100
57 9.1 8.9 13.3

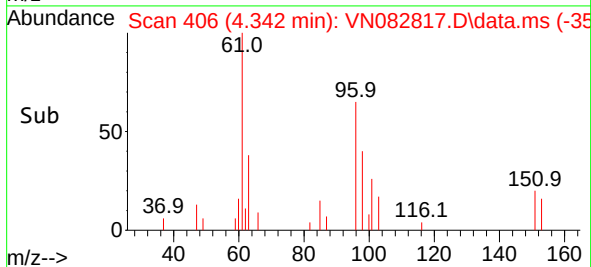
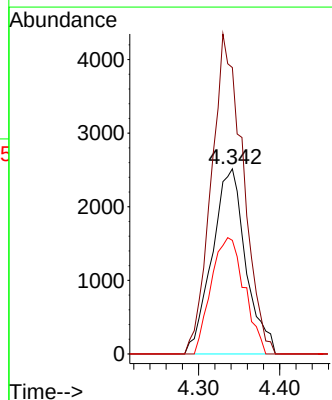
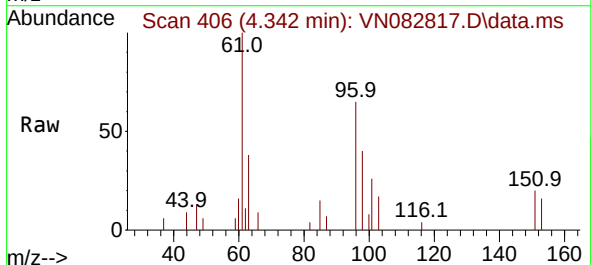
Manual Integrations
APPROVED

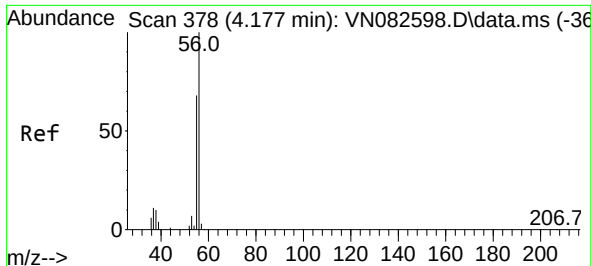
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#12
1,1-Dichloroethene
Concen: 4.992 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 96 Resp: 7248
Ion Ratio Lower Upper
96 100
61 154.6 149.7 224.5
98 61.3 50.1 75.1





#13

Acrolein

Concen: 27.132 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 6569

Ion Ratio Lower Upper

56 100

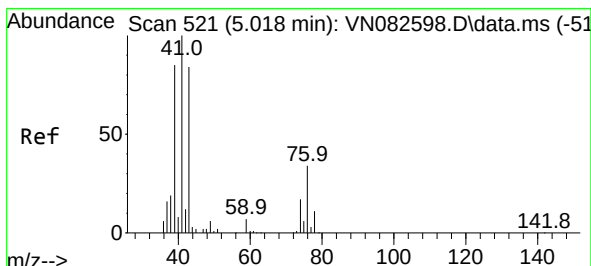
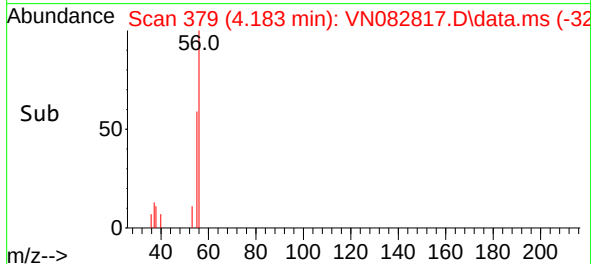
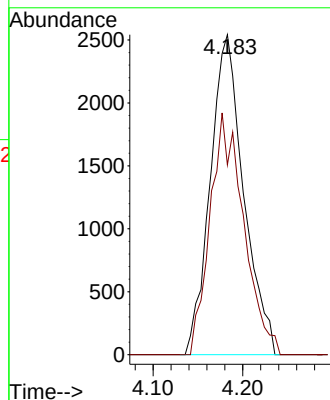
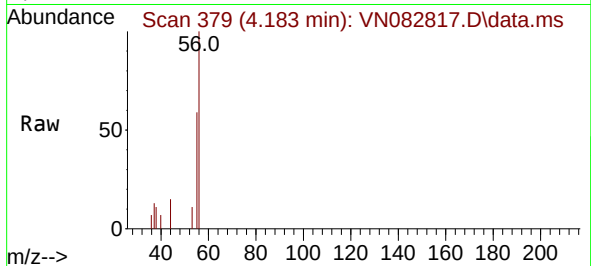
55 75.8 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#14

Allyl chloride

Concen: 5.404 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

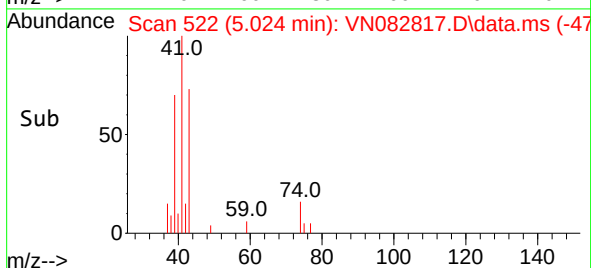
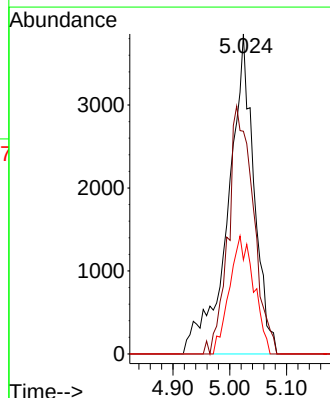
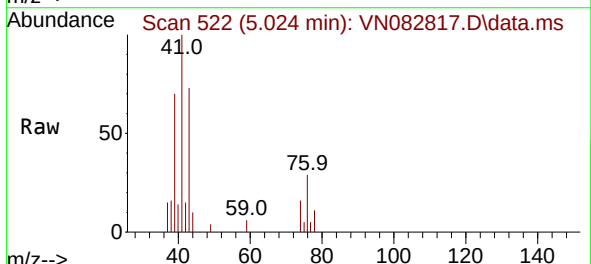
Tgt Ion: 41 Resp: 12233

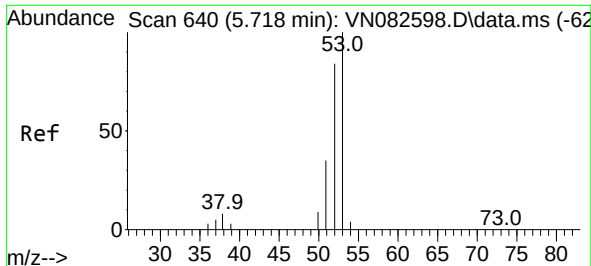
Ion Ratio Lower Upper

41 100

39 75.2 67.8 101.6

76 34.8 25.8 38.8





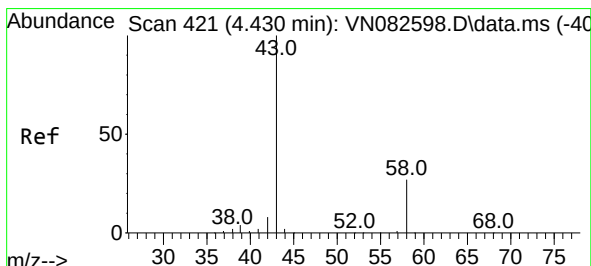
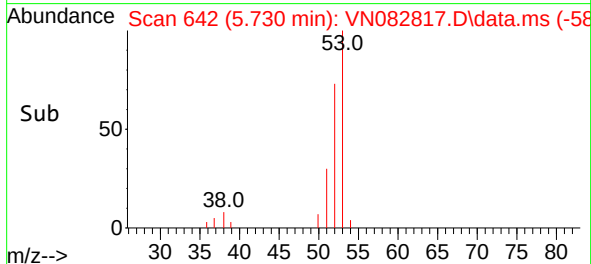
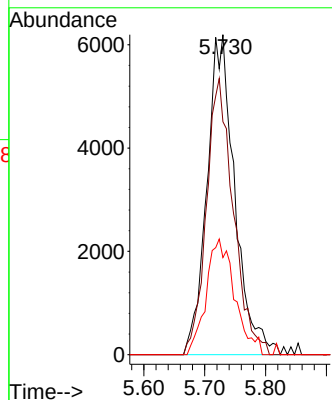
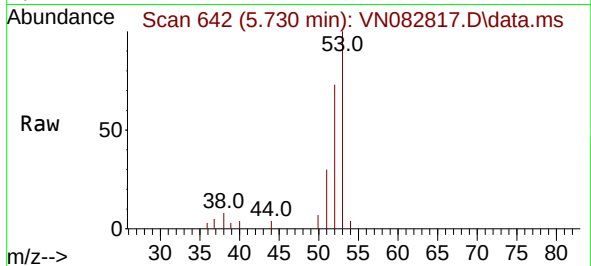
#15
Acrylonitrile
Concen: 25.557 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 19690
Ion Ratio Lower Upper
53 100
52 83.6 66.6 100.0
51 37.1 30.1 45.1

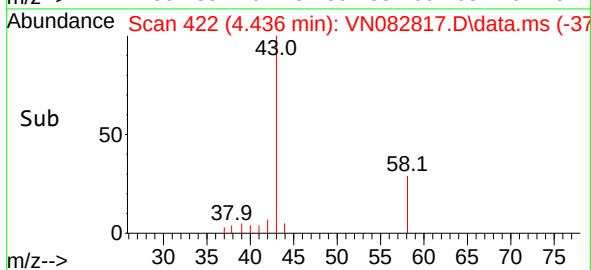
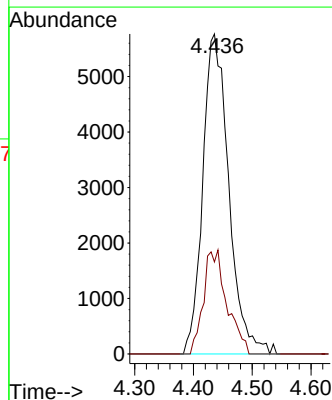
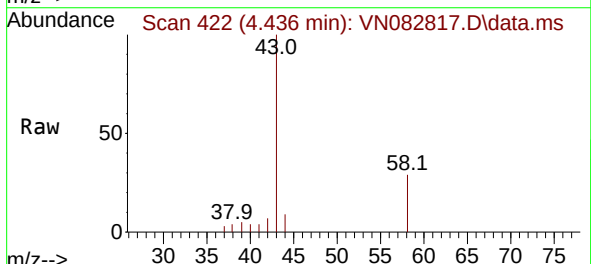
Manual Integrations
APPROVED

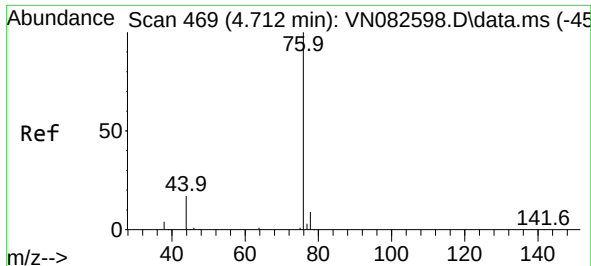
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#16
Acetone
Concen: 25.262 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

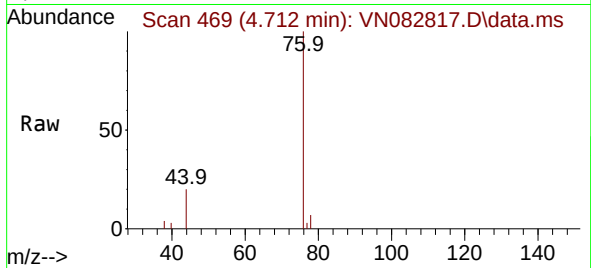
Tgt Ion: 43 Resp: 17733
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6





#17
Carbon Disulfide
Concen: 4.967 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

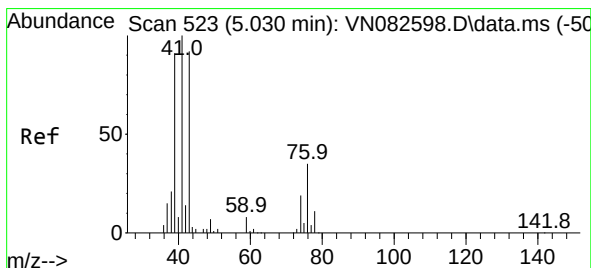
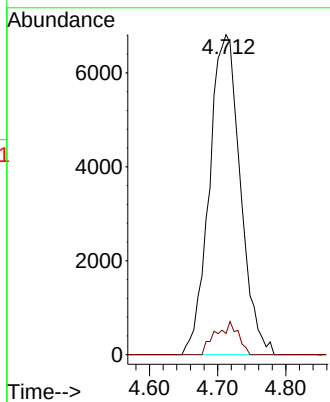
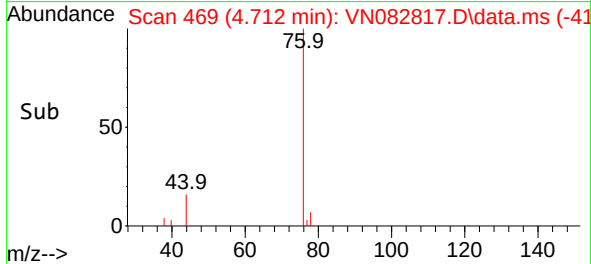
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 21552
Ion Ratio Lower Upper
76 100
78 6.6 7.2 10.8

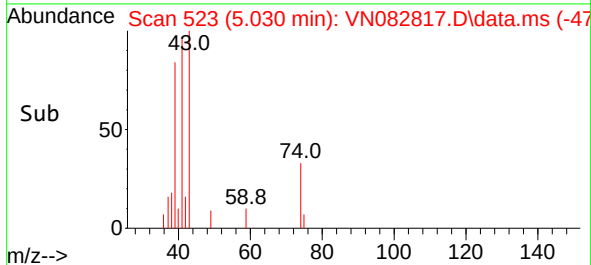
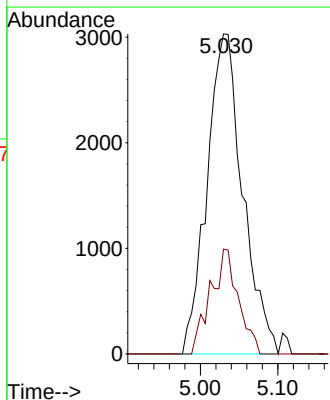
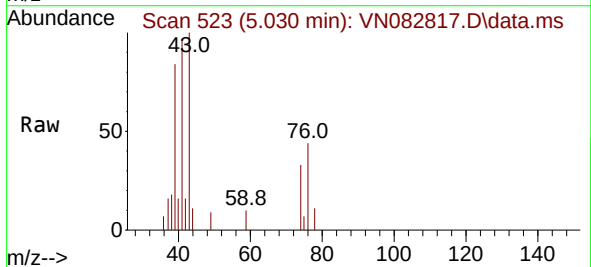
Manual Integrations
APPROVED

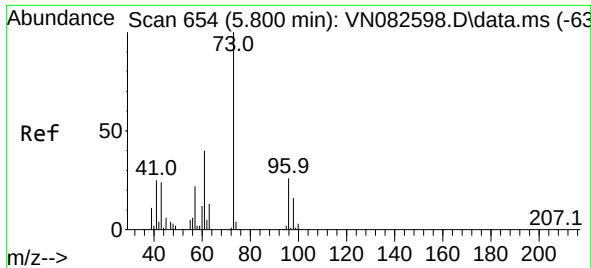
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#18
Methyl Acetate
Concen: 5.221 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 43 Resp: 9697
Ion Ratio Lower Upper
43 100
74 25.5 16.3 24.5





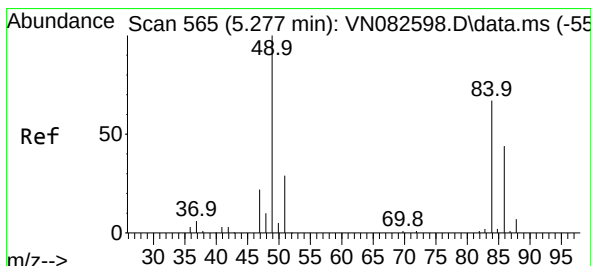
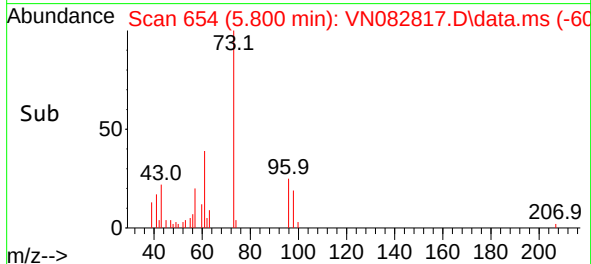
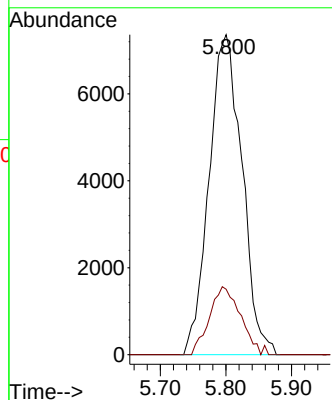
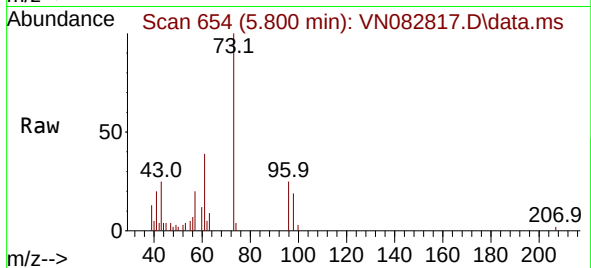
#19
Methyl tert-butyl Ether
Concen: 5.130 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 25690
Ion Ratio Lower Upper
73 100
57 20.4 17.9 26.9

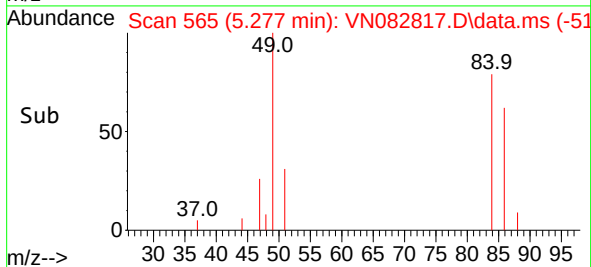
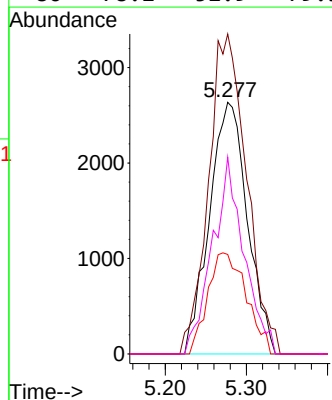
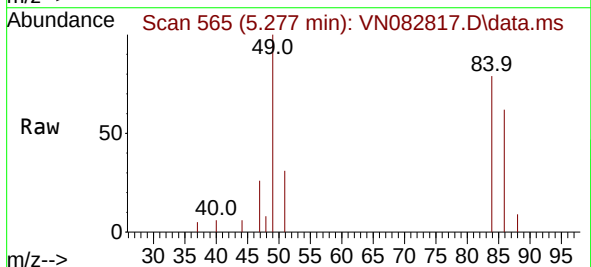
Manual Integrations
APPROVED

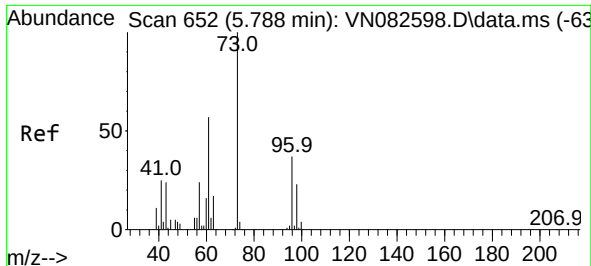
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#20
Methylene Chloride
Concen: 5.054 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

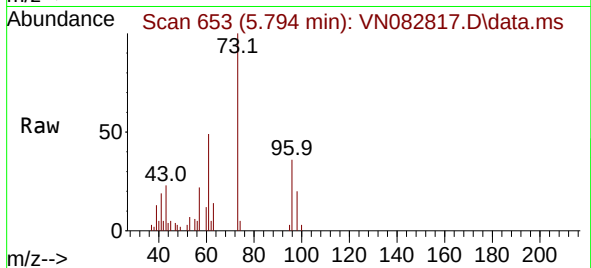
Tgt Ion: 84 Resp: 8568
Ion Ratio Lower Upper
84 100
49 127.1 119.6 179.4
51 39.5 34.8 52.2
86 78.2 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 5.159 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

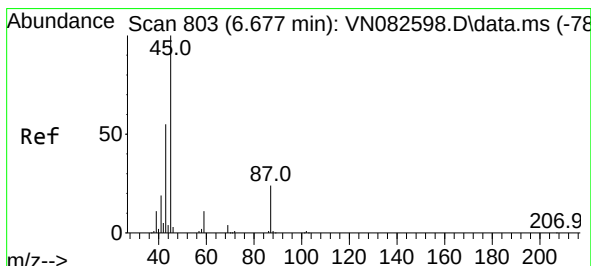
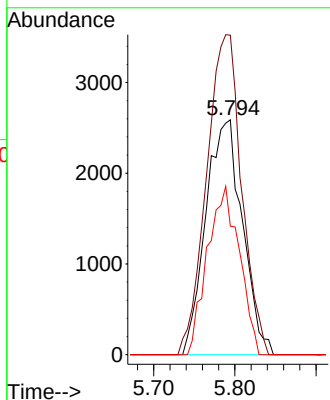
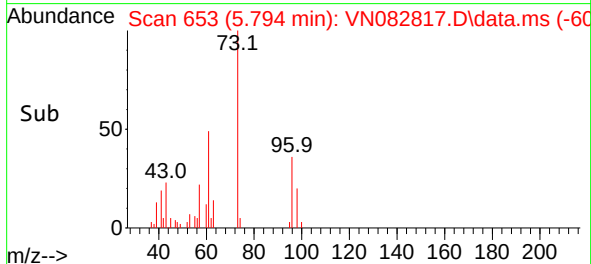
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 811
Ion Ratio Lower Upper
96 100
61 136.0 123.4 185.2
98 54.7 49.3 73.9

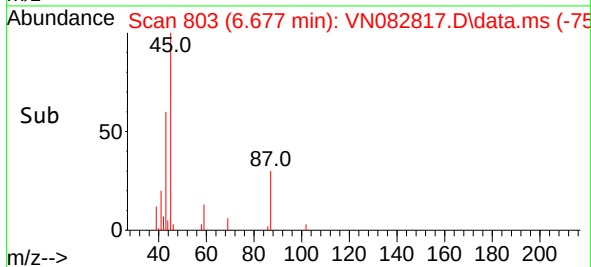
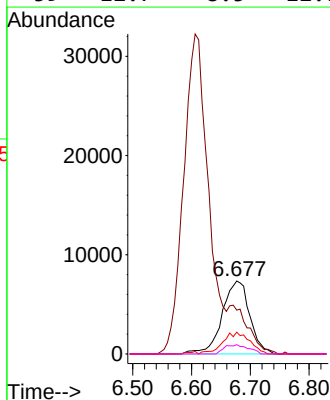
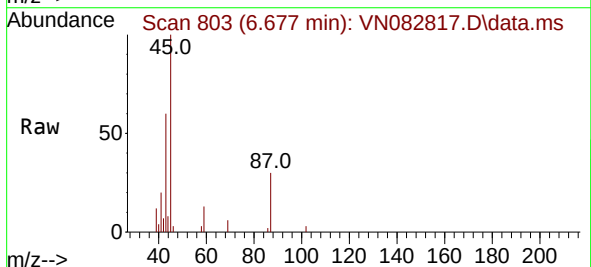
Manual Integrations
APPROVED

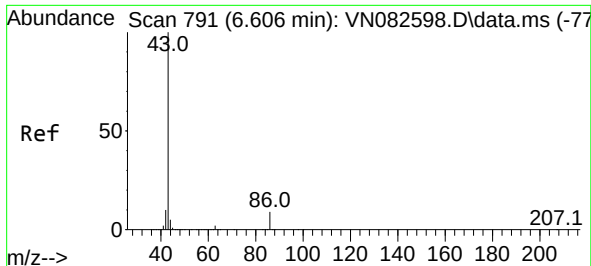
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#22
Diisopropyl ether
Concen: 5.054 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 45 Resp: 23939
Ion Ratio Lower Upper
45 100
43 60.1 44.0 66.0
87 29.8 19.7 29.5#
59 12.7 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 25.092 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082817.D
 Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

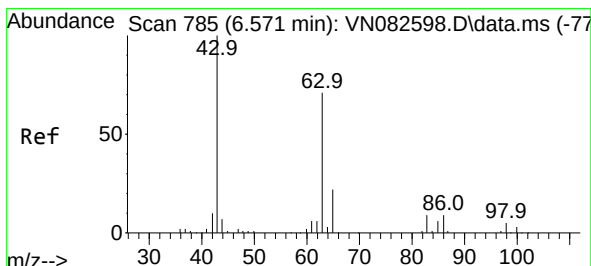
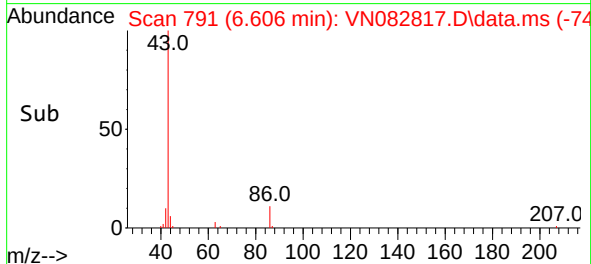
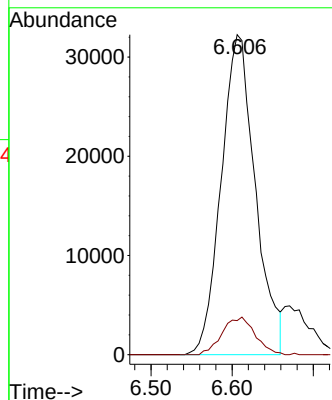
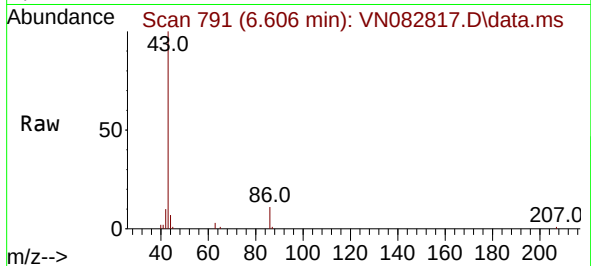
ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 9437
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9

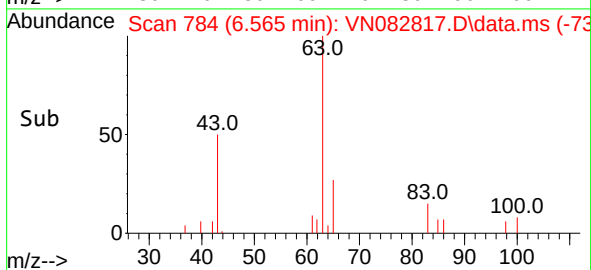
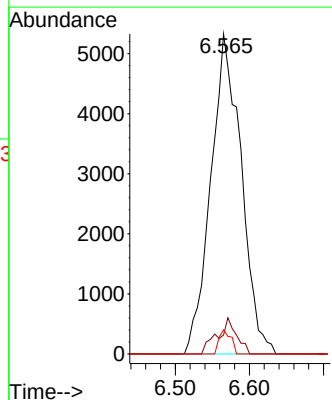
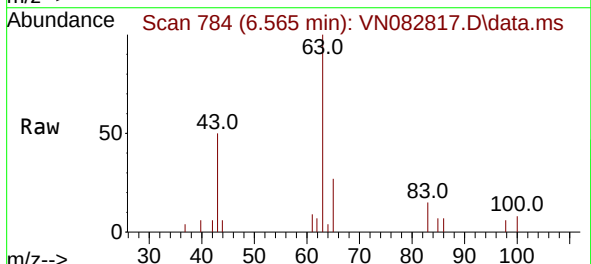
Manual Integrations
 APPROVED

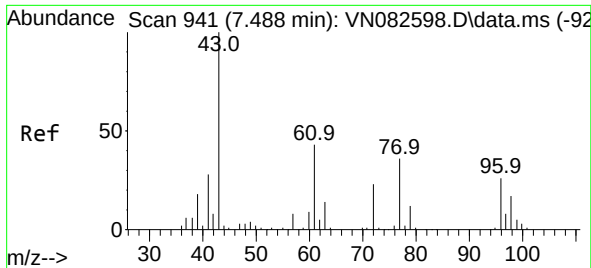
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#24
 1,1-Dichloroethane
 Concen: 5.285 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082817.D
 Acq: 08 Jul 2024 12:23

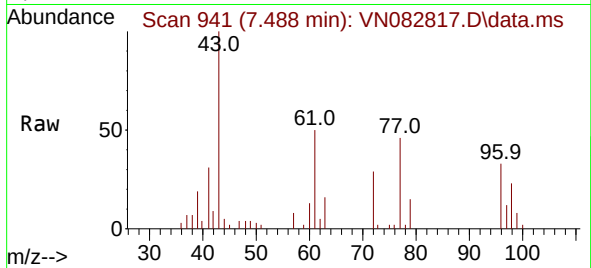
Tgt Ion: 63 Resp: 15184
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 7.5 2.0 6.0#





#25
2-Butanone
Concen: 25.495 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

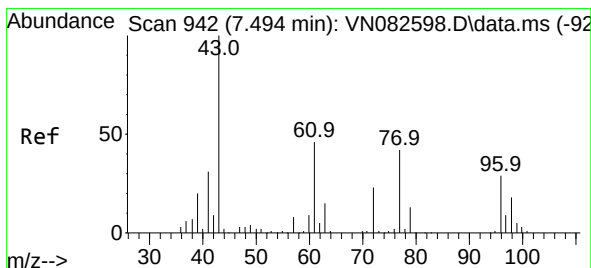
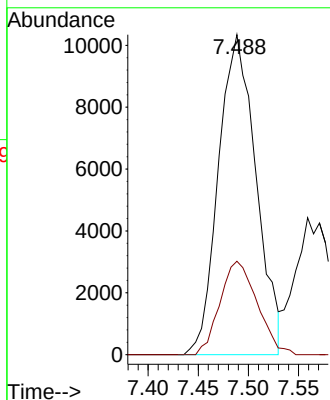
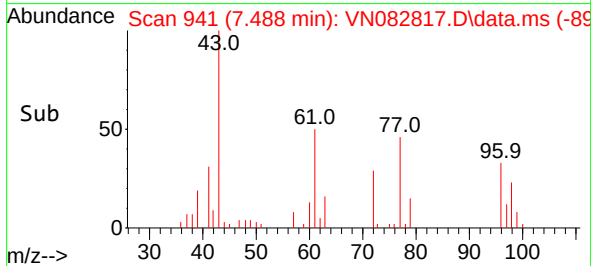
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



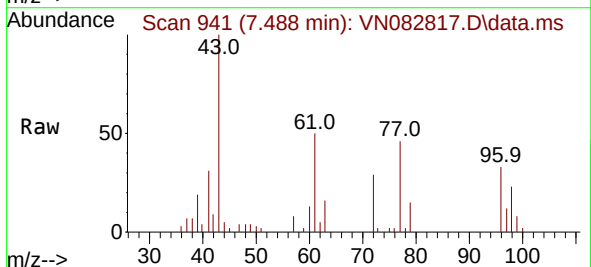
Tgt Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
72 29.2 18.2 27.2

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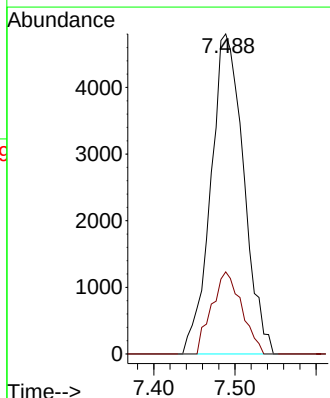
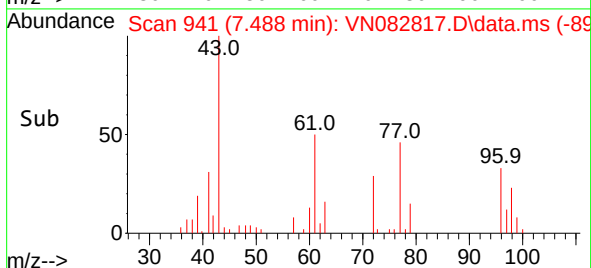
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

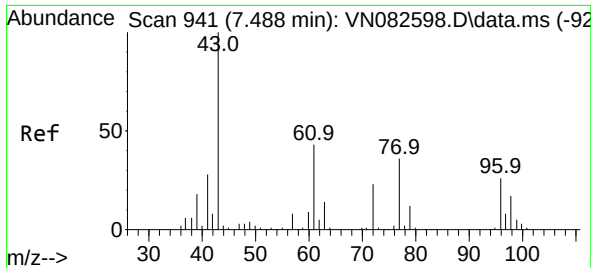


#26
2,2-Dichloropropane
Concen: 5.055 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion: 77 Resp: 13502
Ion Ratio Lower Upper
77 100
97 23.4 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 5.161 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

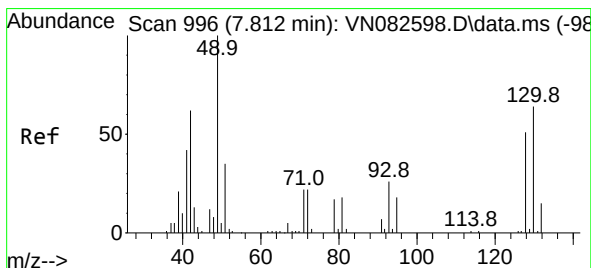
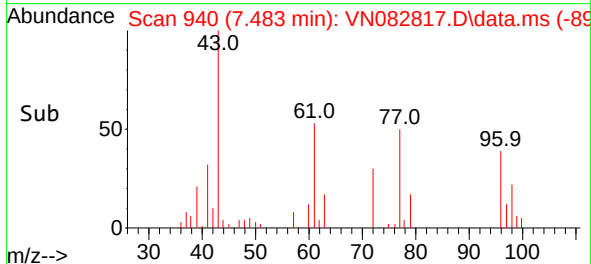
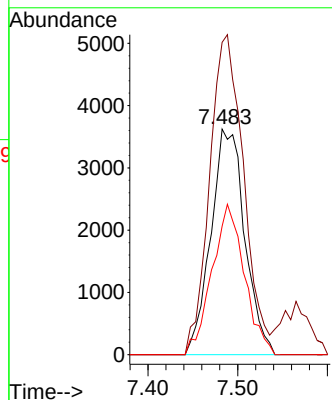
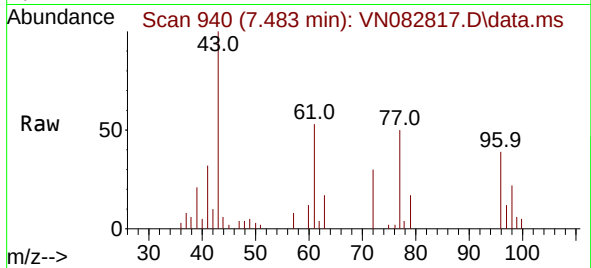
VSTDICC005

Tgt Ion: 96 Resp: 950
Ion Ratio Lower Upper
96 100
61 141.9 0.0 329.6
98 63.8 0.0 128.6

Manual Integrations

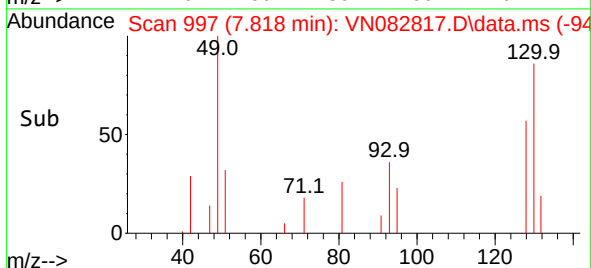
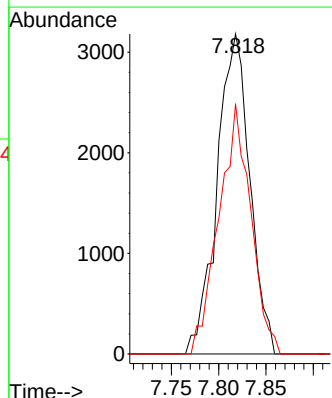
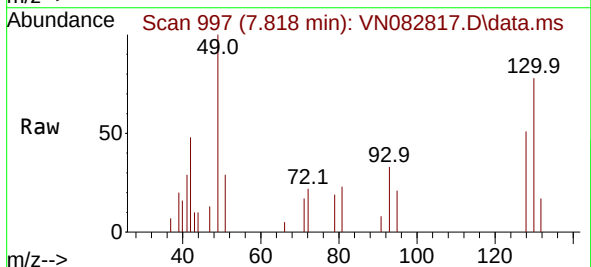
APPROVED

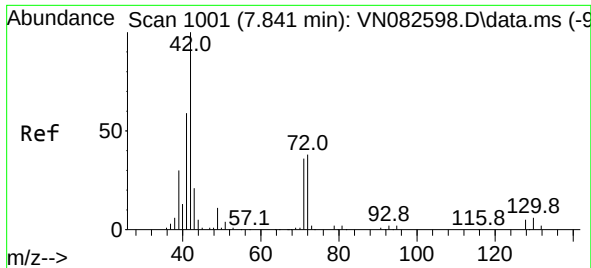
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#28
Bromochloromethane
Concen: 6.193 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 49 Resp: 7632
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 76.3 50.5 75.7#





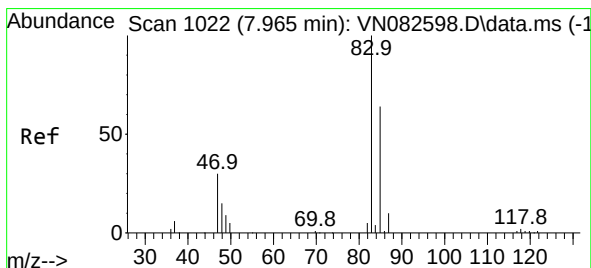
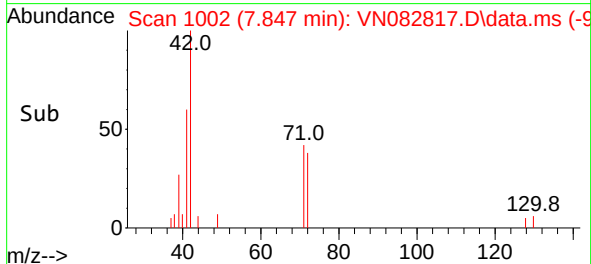
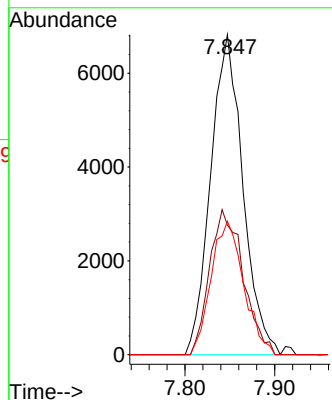
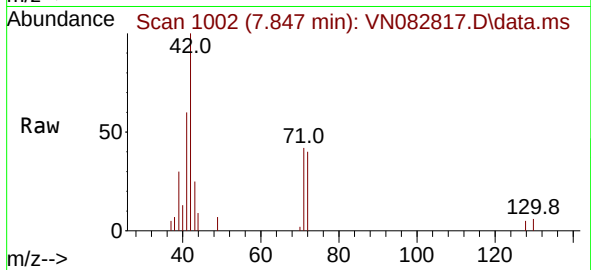
#29
Tetrahydrofuran
Concen: 25.495 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 17012
Ion Ratio Lower Upper
42 100
72 47.3 30.0 45.0
71 42.2 28.3 42.5

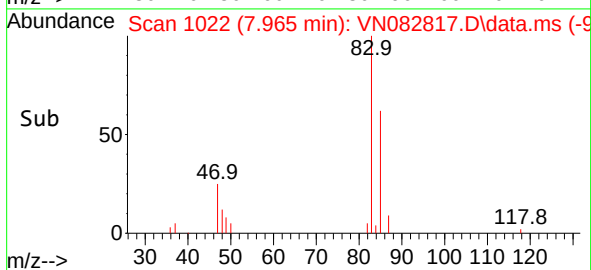
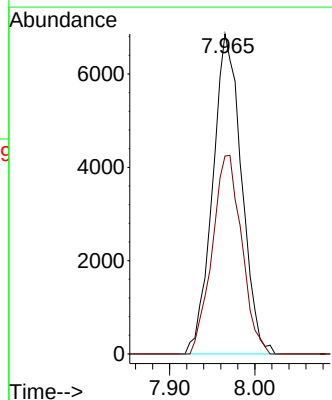
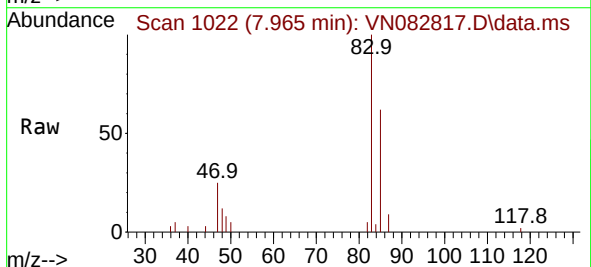
Manual Integrations
APPROVED

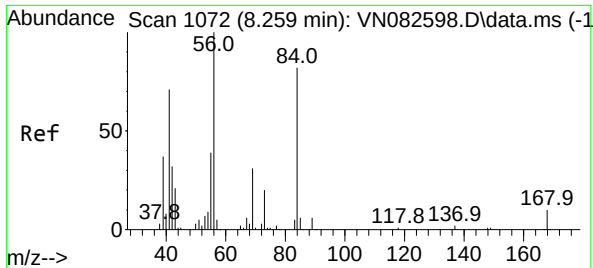
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#30
Chloroform
Concen: 5.306 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

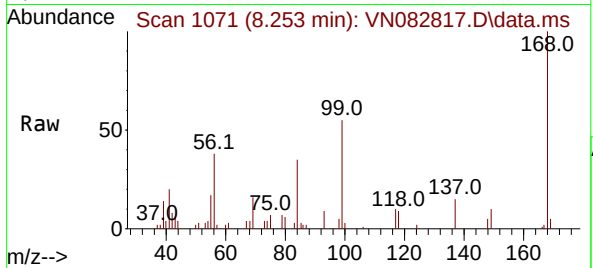
Tgt Ion: 83 Resp: 16172
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3





#31
Cyclohexane
Concen: 5.764 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

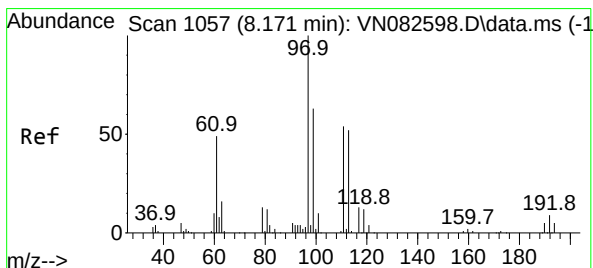
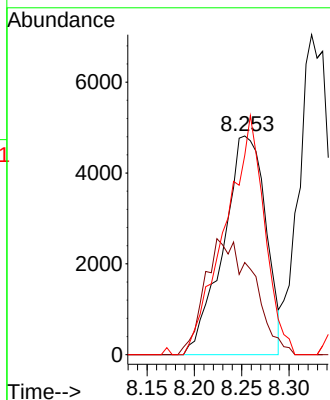
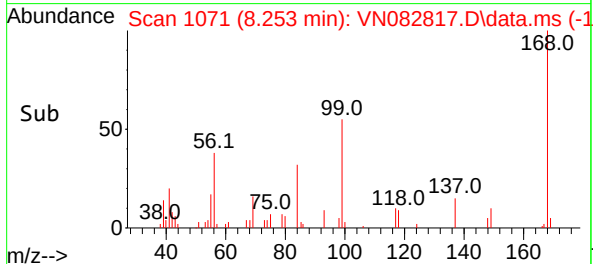
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



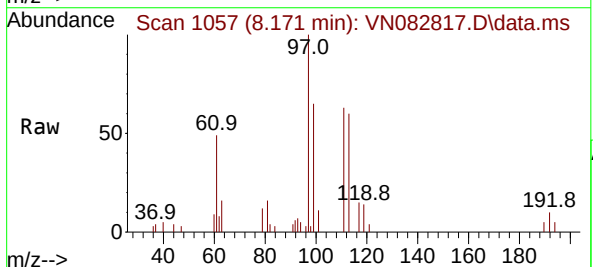
Tgt Ion: 56 Resp: 15024
Ion Ratio Lower Upper
56 100
69 42.1 24.5 36.7
84 91.2 66.0 99.0

Manual Integrations
APPROVED

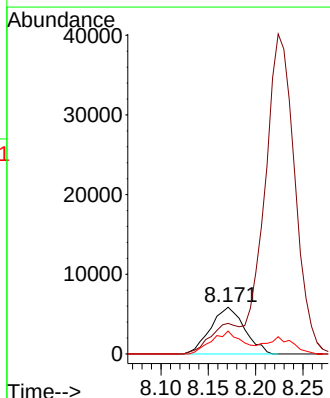
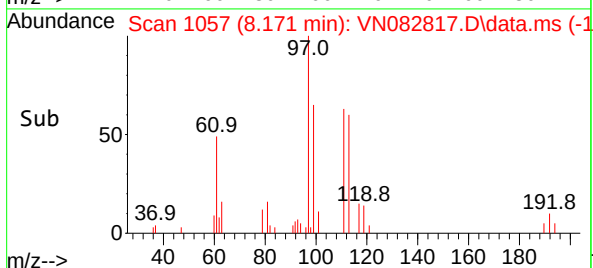
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

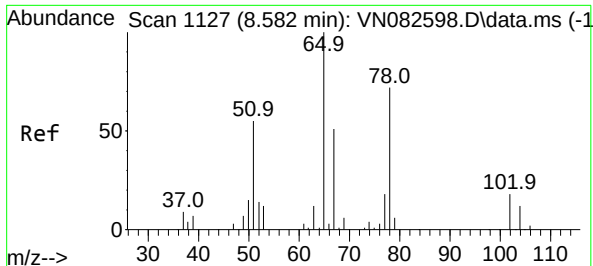


#32
1,1,1-Trichloroethane
Concen: 5.157 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion: 97 Resp: 14592
Ion Ratio Lower Upper
97 100
99 55.7 52.0 78.0
61 45.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 5.576 ug/l

RT: 8.583 min Scan# 1118

Delta R.T. 0.001 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 11118

Ion Ratio Lower Upper

65 100

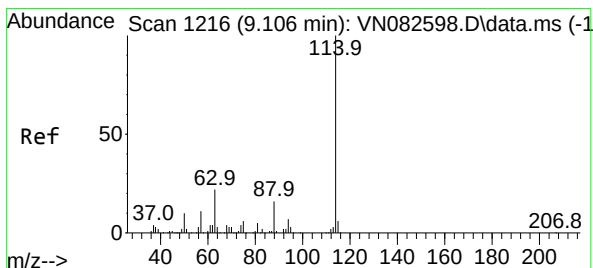
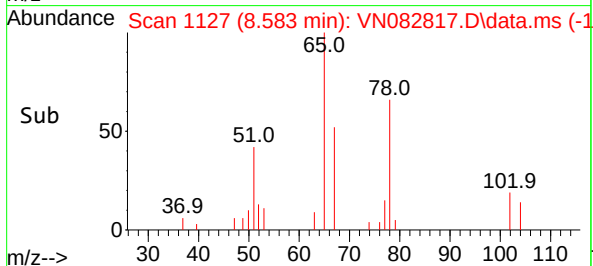
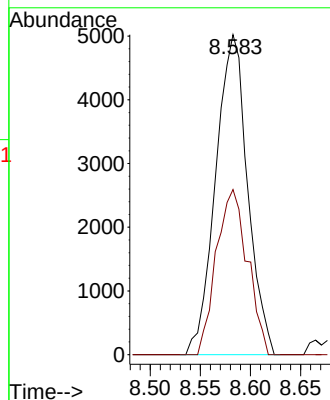
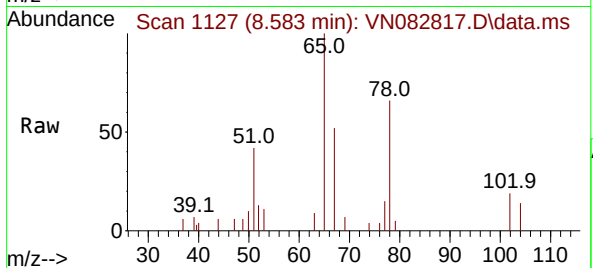
67 50.3 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

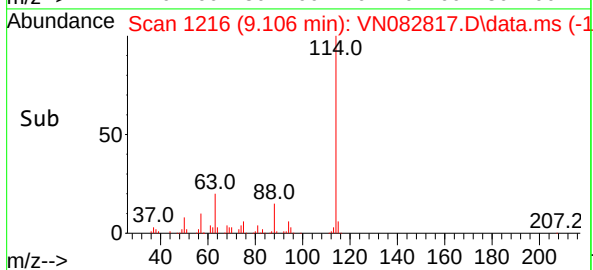
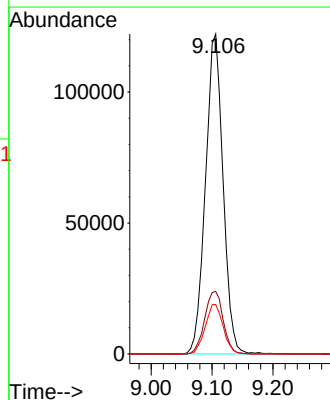
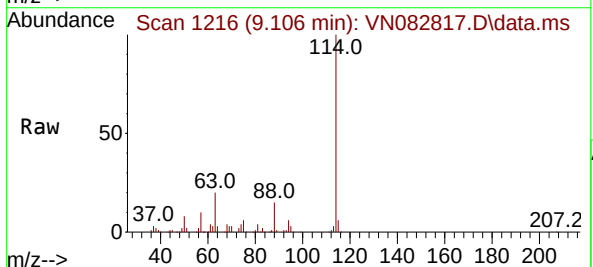
Tgt Ion:114 Resp: 244955

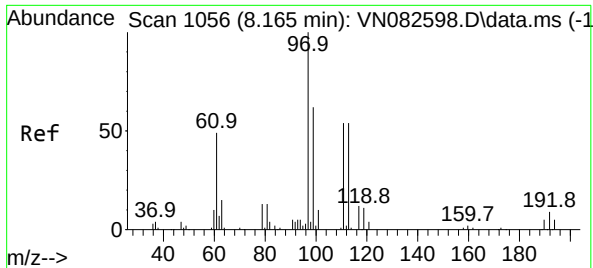
Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.6

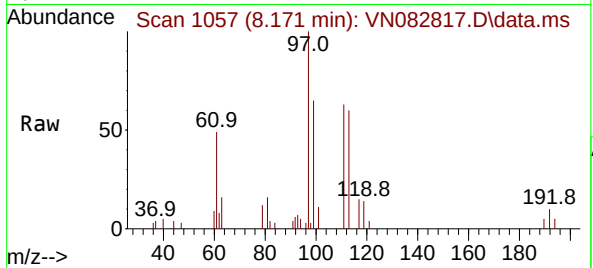
88 15.4 0.0 31.4





#35
Dibromofluoromethane
Concen: 5.218 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

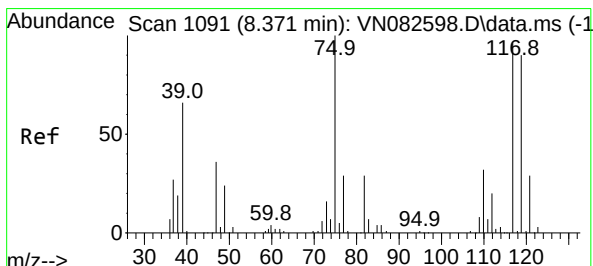
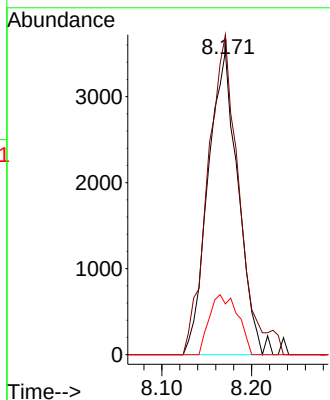
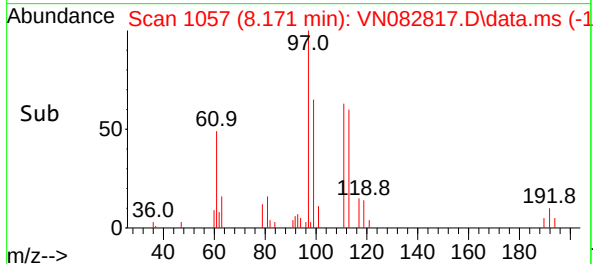
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



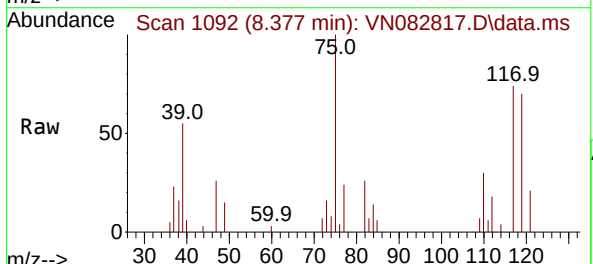
Tgt Ion:113 Resp: 820
Ion Ratio Lower Upper
113 100
111 109.5 82.4 123.6
192 18.8 14.9 22.3

Manual Integrations
APPROVED

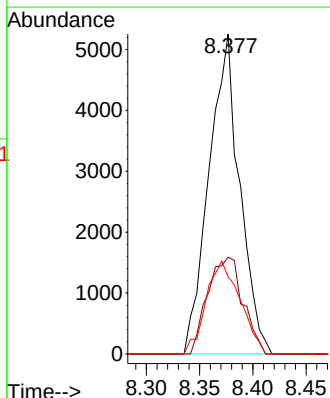
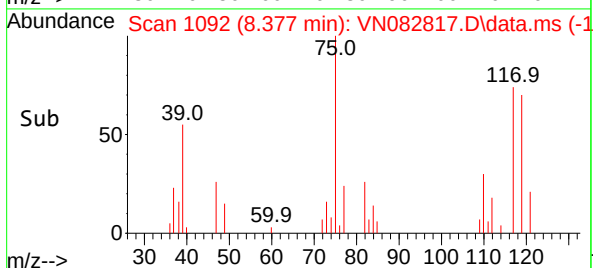
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

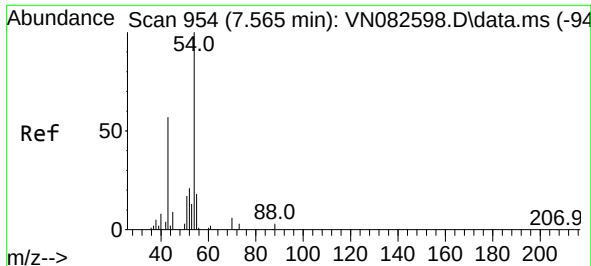


#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion: 75 Resp: 10545
Ion Ratio Lower Upper
75 100
110 34.7 16.3 48.9
77 32.1 24.6 37.0





#37

Ethyl Acetate

Concen: 5.114 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 1128

Ion Ratio Lower Upper

43 100

61 16.1 9.3 13.9

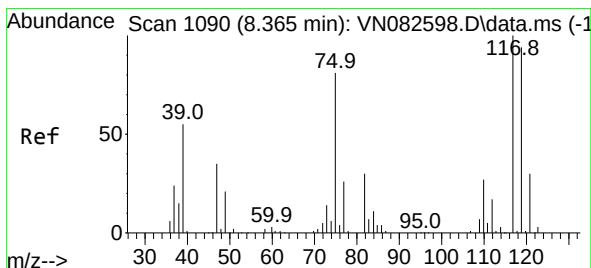
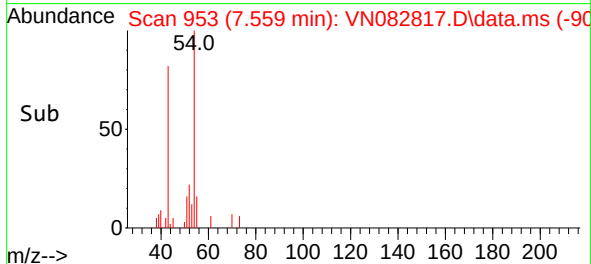
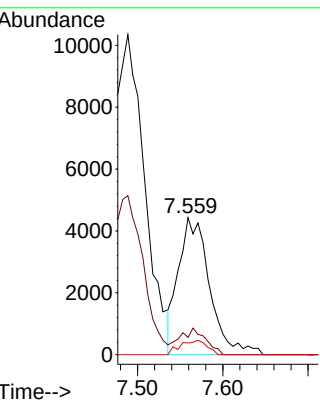
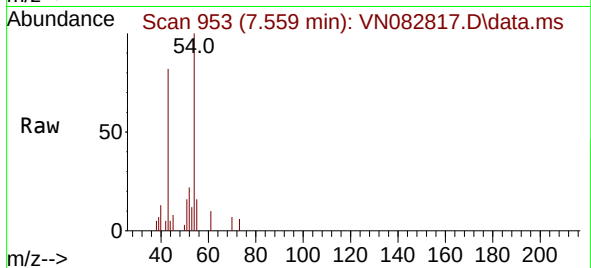
70 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#38

Carbon Tetrachloride

Concen: 5.091 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

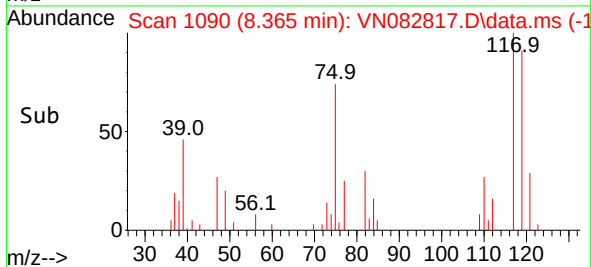
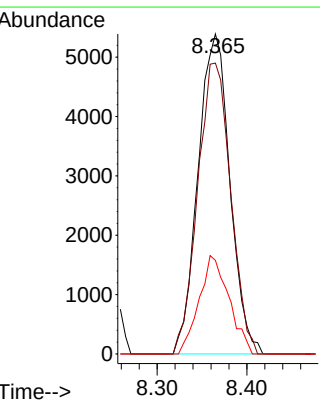
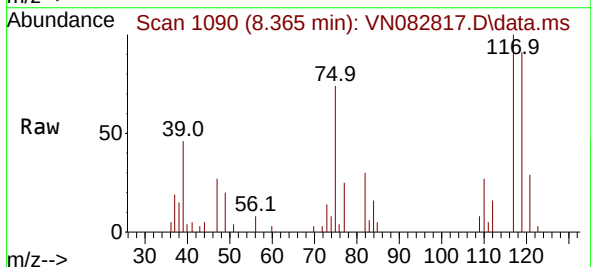
Tgt Ion:117 Resp: 13283

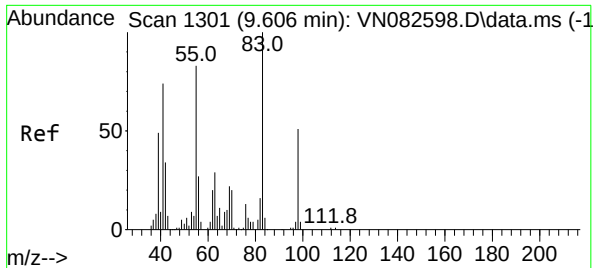
Ion Ratio Lower Upper

117 100

119 90.9 74.9 112.3

121 29.2 24.3 36.5





#39
Methylcyclohexane
Concen: 4.686 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

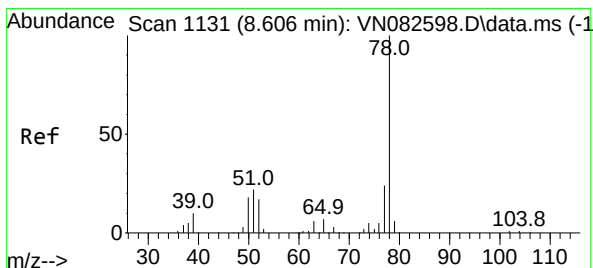
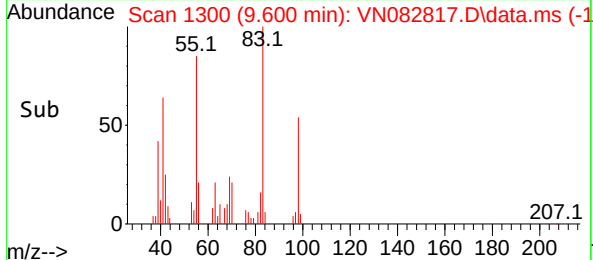
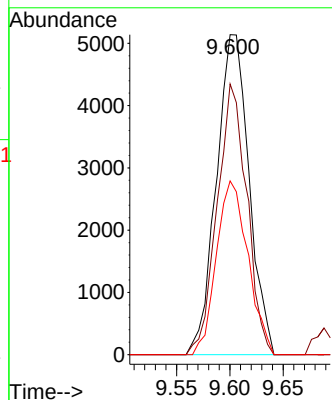
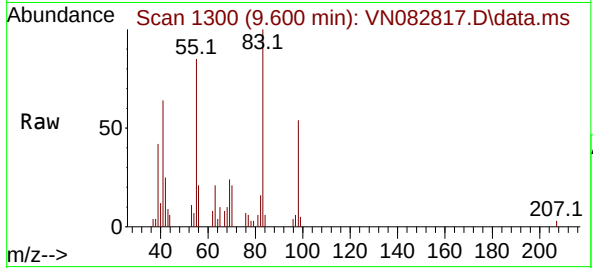
Tgt Ion: 83 Resp: 10969
Ion Ratio Lower Upper
83 100
55 84.6 66.4 99.6
98 54.3 40.7 61.1

Manual Integrations

APPROVED

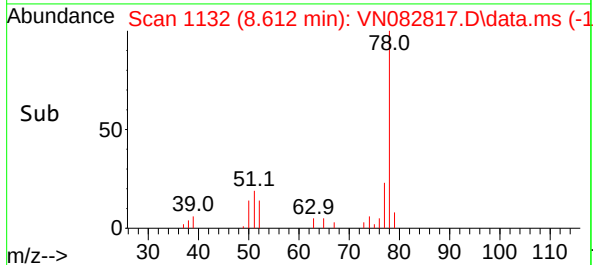
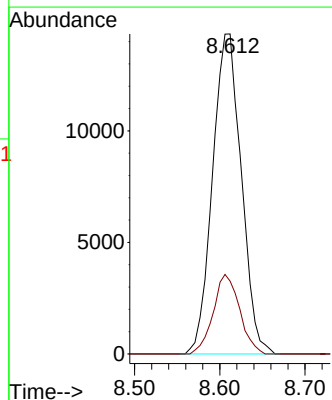
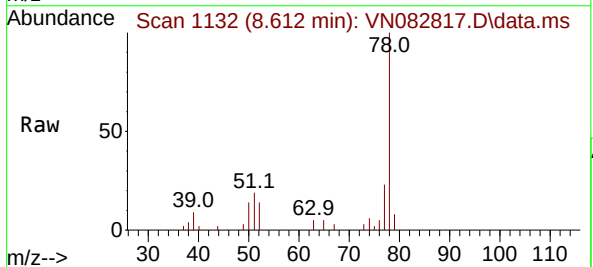
Reviewed By :John Carlone 07/08/2024

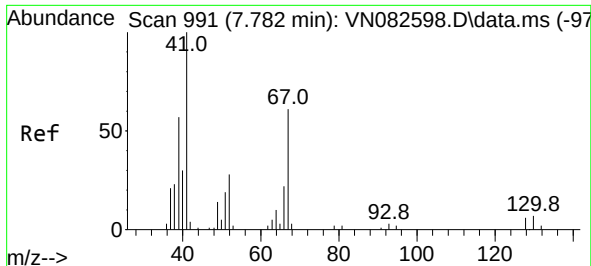
Supervised By :Mahesh Dadoda 07/09/2024



#40
Benzene
Concen: 5.045 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 78 Resp: 33629
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4





#41
Methacrylonitrile
Concen: 5.463 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

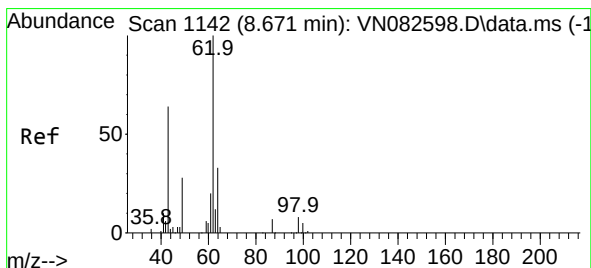
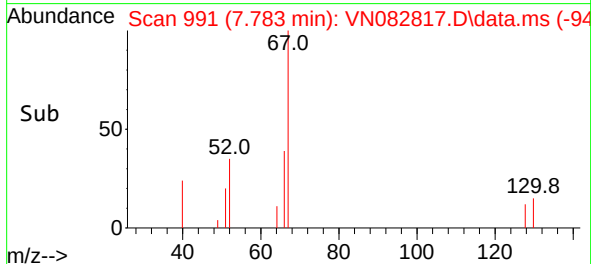
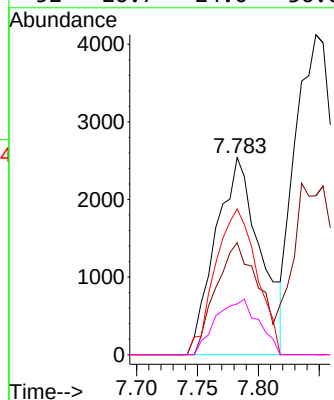
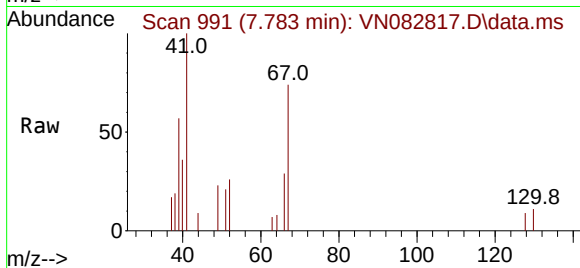
Tgt Ion: 41 Resp: 649
Ion Ratio Lower Upper
41 100
39 53.9 45.5 68.3
67 69.0 50.5 75.7
52 26.7 24.0 36.0

Manual Integrations

APPROVED

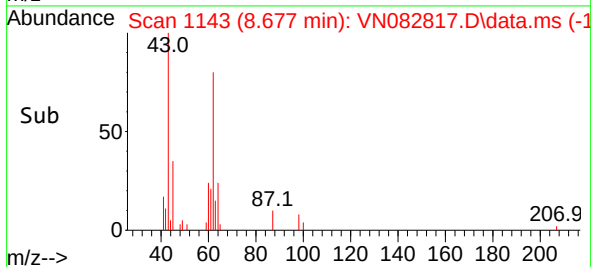
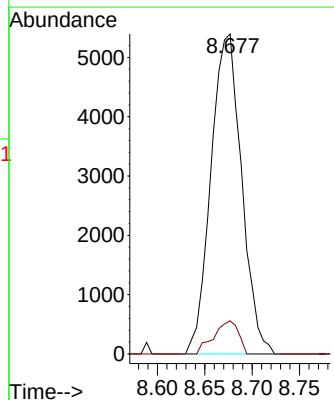
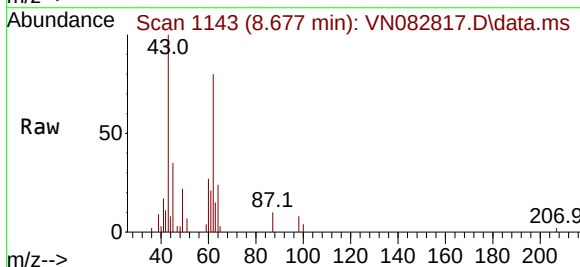
Reviewed By :John Carlone 07/08/2024

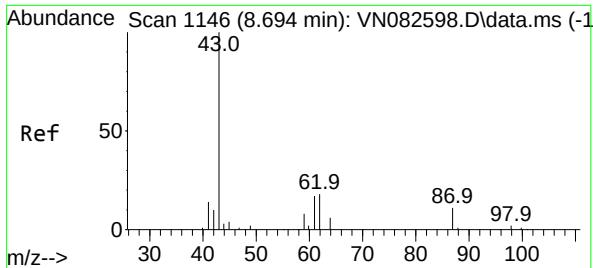
Supervised By :Mahesh Dadoda 07/09/2024



#42
1,2-Dichloroethane
Concen: 5.070 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

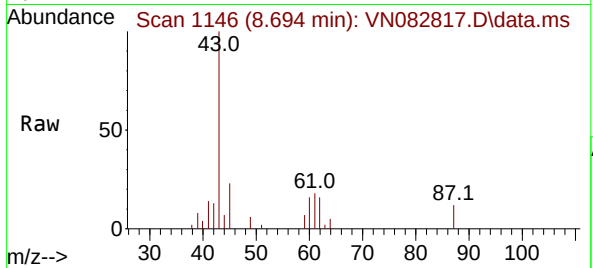
Tgt Ion: 62 Resp: 12166
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8





#43
Isopropyl Acetate
Concen: 5.465 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

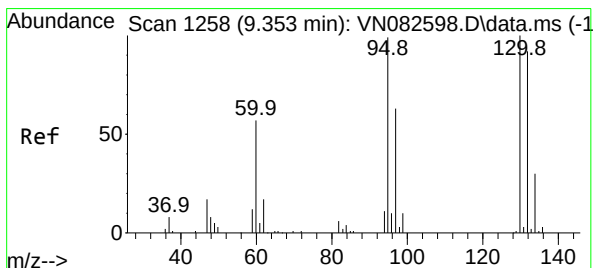
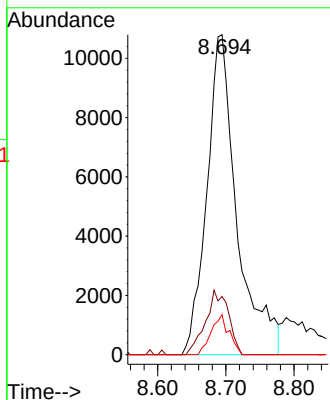
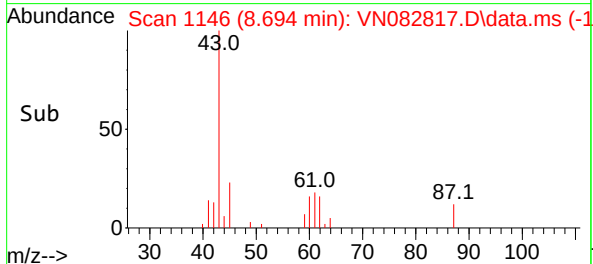
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



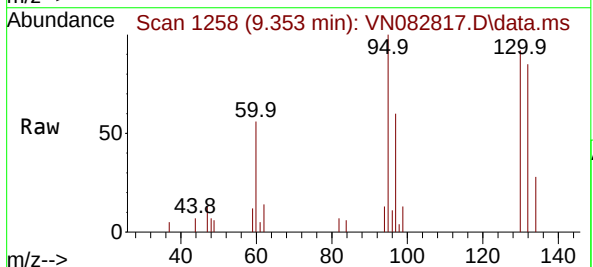
Tgt Ion: 43 Resp: 3315
Ion Ratio Lower Upper
43 100
61 15.3 17.8 26.6
87 7.4 8.2 12.2

Manual Integrations
APPROVED

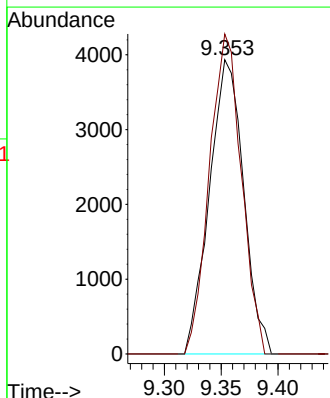
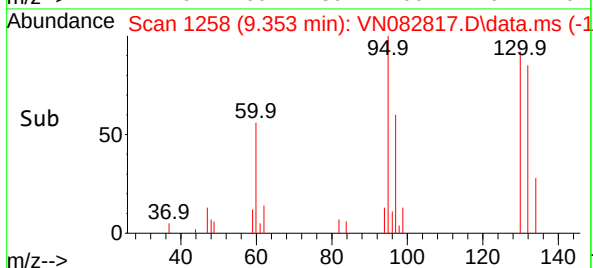
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

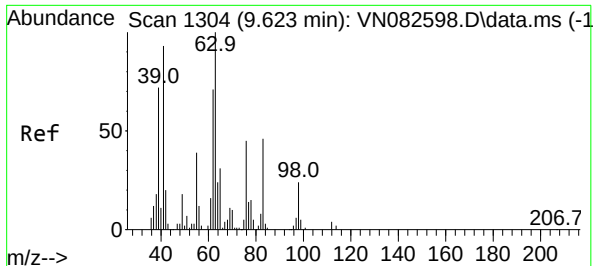


#44
Trichloroethene
Concen: 4.818 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion:130 Resp: 8229
Ion Ratio Lower Upper
130 100
95 108.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 5.002 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7784

Ion Ratio Lower Upper

63 100

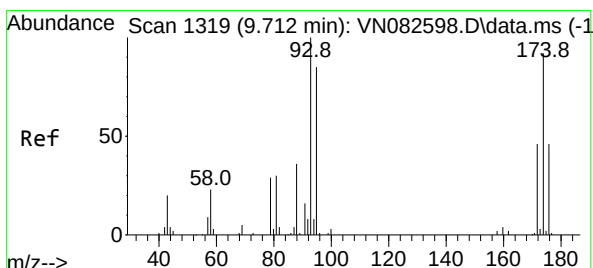
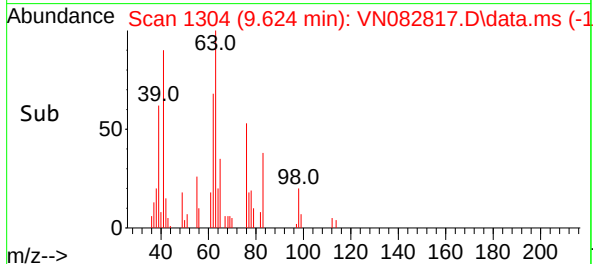
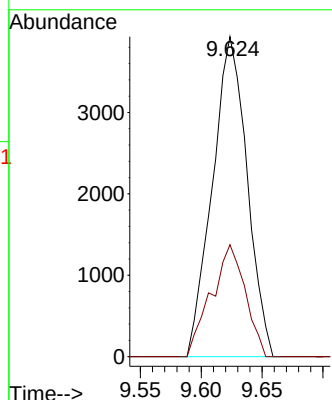
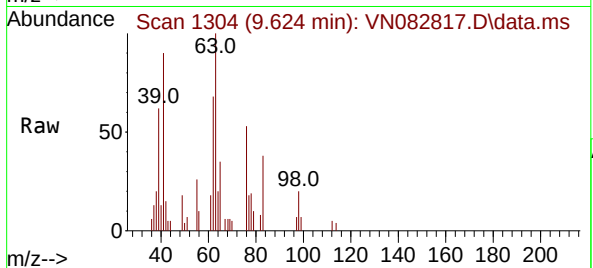
65 35.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#46

Dibromomethane

Concen: 5.262 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

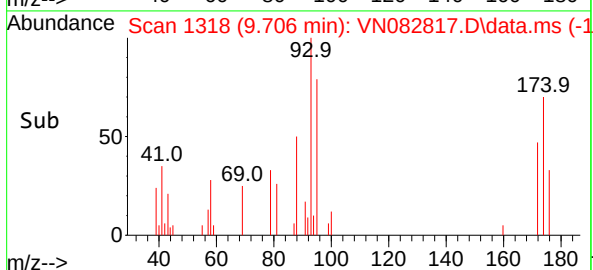
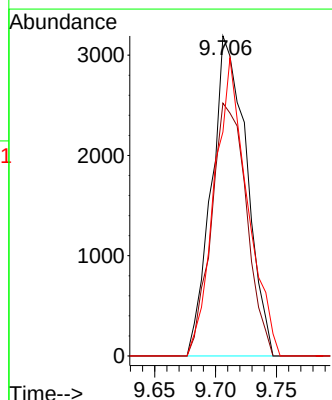
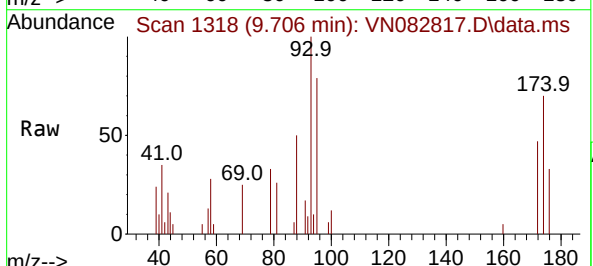
Tgt Ion: 93 Resp: 6380

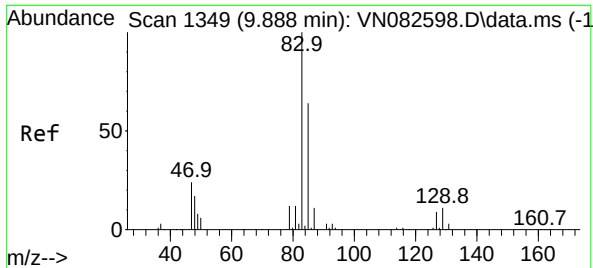
Ion Ratio Lower Upper

93 100

95 79.3 65.8 98.6

174 88.0 71.7 107.5





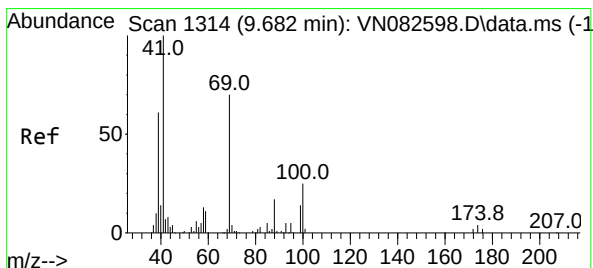
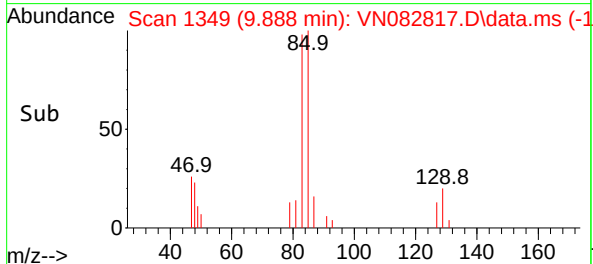
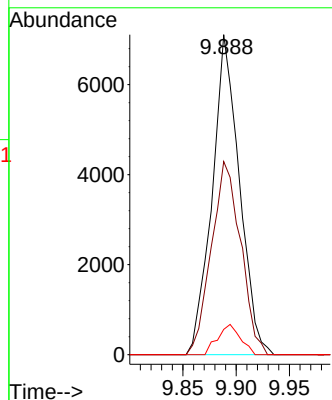
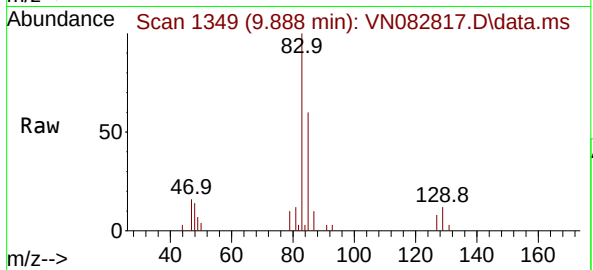
#47
Bromodichloromethane
Concen: 5.037 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 12619
Ion Ratio Lower Upper
83 100
85 60.4 51.1 76.7
127 7.9 7.2 10.8

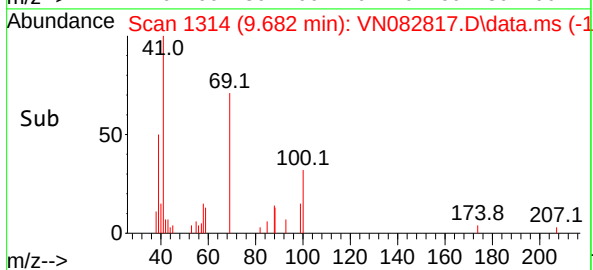
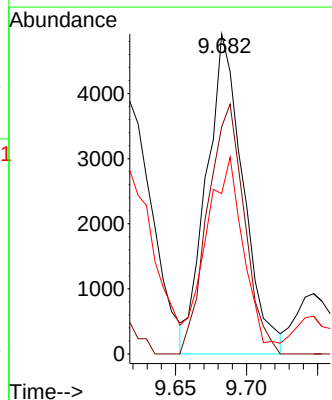
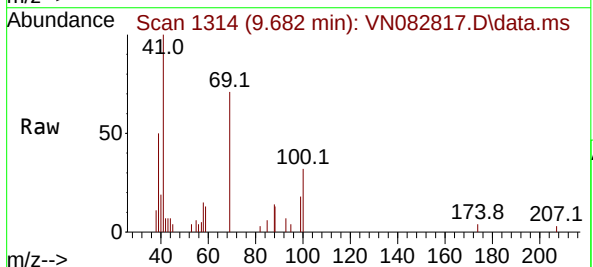
Manual Integrations
APPROVED

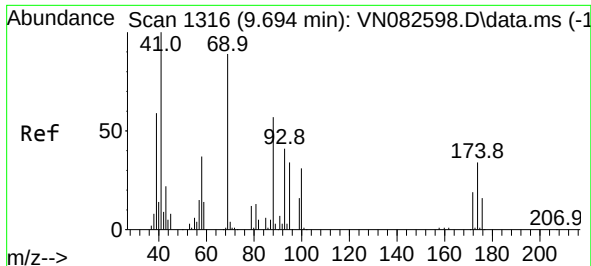
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#48
Methyl methacrylate
Concen: 5.108 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

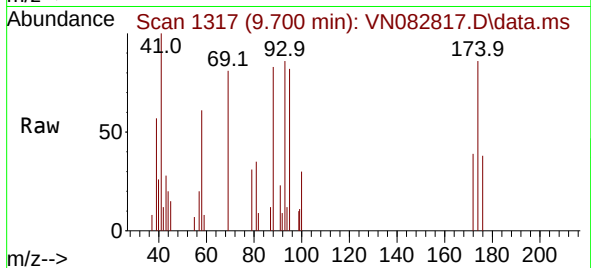
Tgt Ion: 41 Resp: 8837
Ion Ratio Lower Upper
41 100
69 78.2 56.3 84.5
39 64.0 50.3 75.5





#49
1,4-Dioxane
Concen: 98.417 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

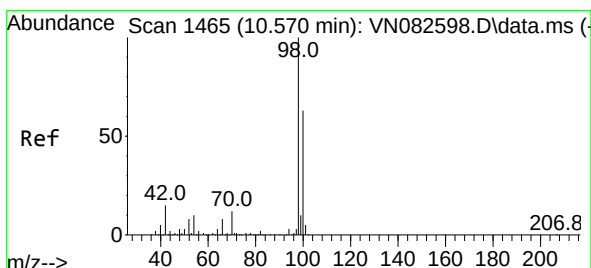
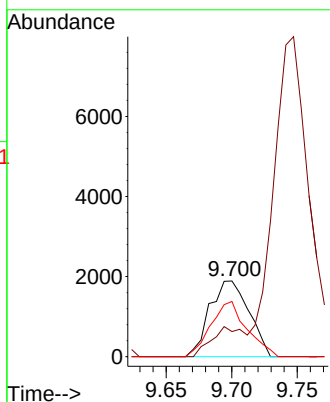
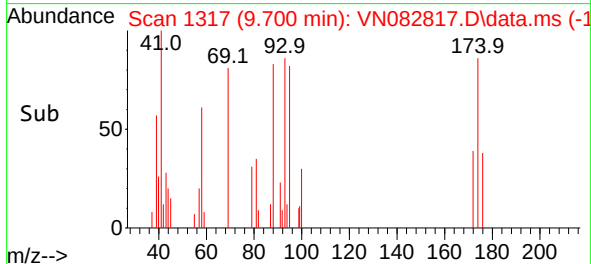
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 3930
Ion Ratio Lower Upper
88 100
43 33.3 27.8 41.8
58 66.8 59.4 89.0

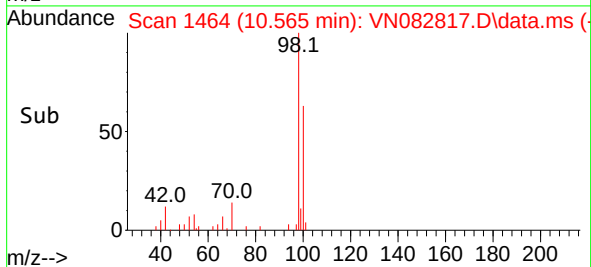
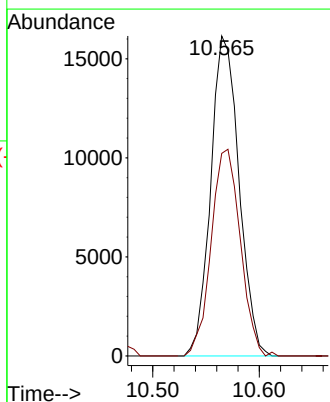
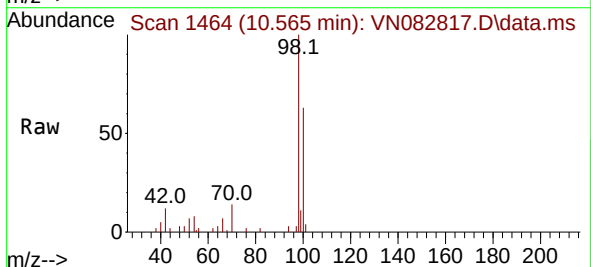
Manual Integrations
APPROVED

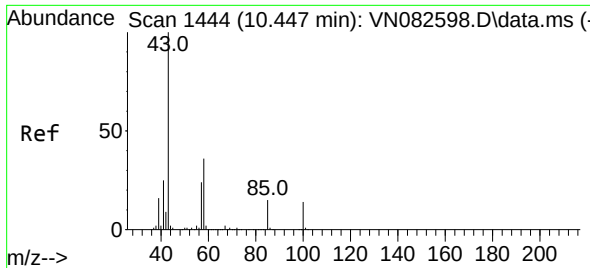
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#50
Toluene-d8
Concen: 5.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 98 Resp: 29821
Ion Ratio Lower Upper
98 100
100 66.5 51.5 77.3





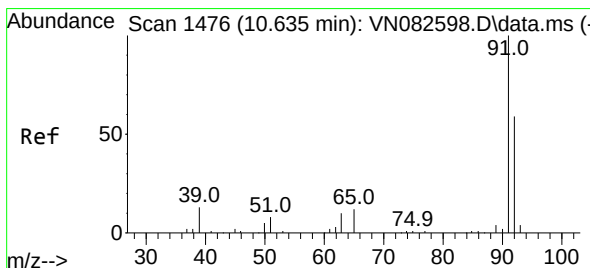
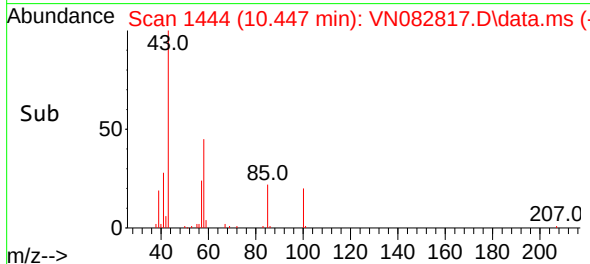
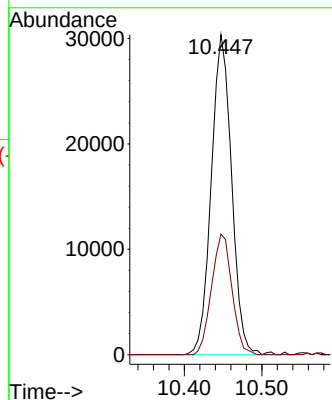
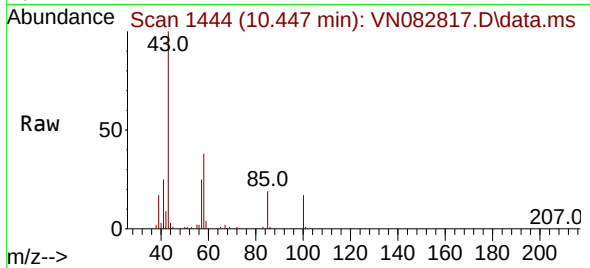
#51
4-Methyl-2-Pentanone
Concen: 25.284 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 55304
Ion Ratio Lower Upper
43 100
58 37.7 28.2 42.4

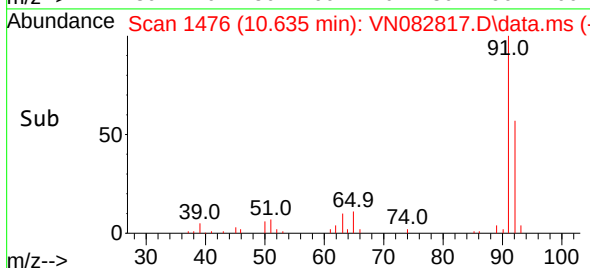
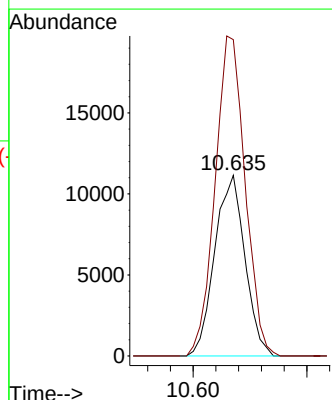
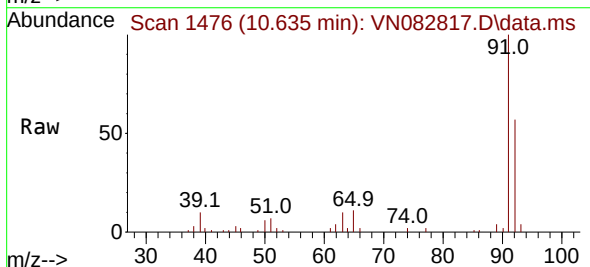
Manual Integrations
APPROVED

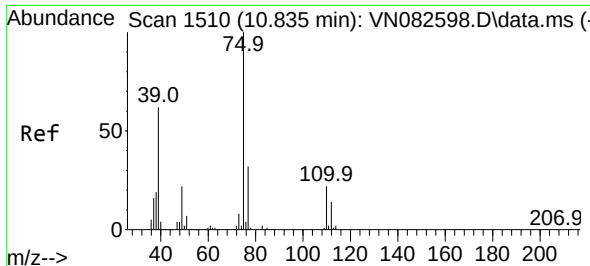
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#52
Toluene
Concen: 4.934 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

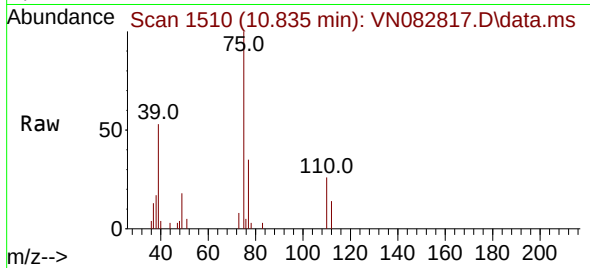
Tgt Ion: 92 Resp: 20547
Ion Ratio Lower Upper
92 100
91 176.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 4.842 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

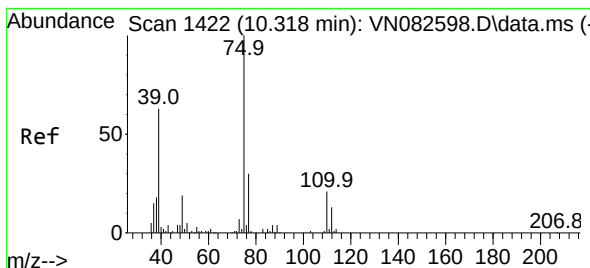
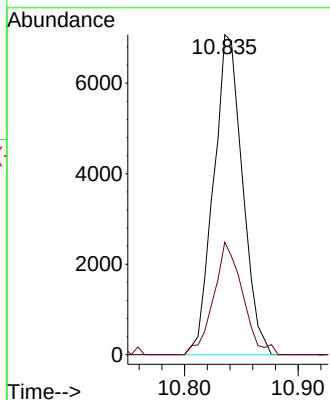
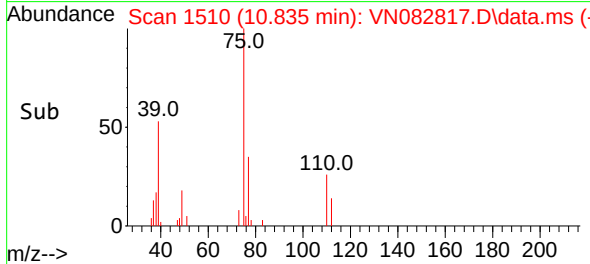
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



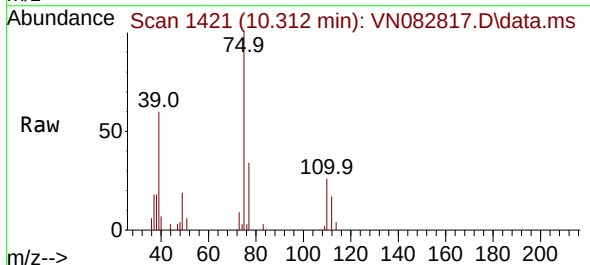
Tgt Ion: 75 Resp: 1249
Ion Ratio Lower Upper
75 100
77 35.2 25.7 38.5

Manual Integrations
APPROVED

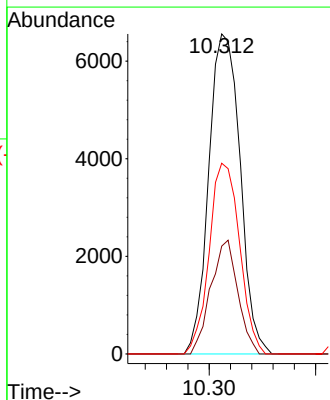
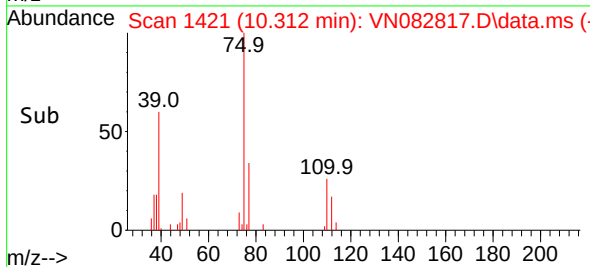
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

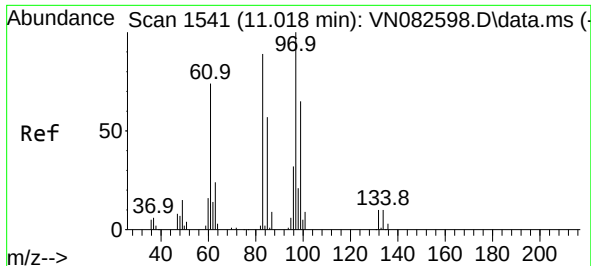


#54
cis-1,3-Dichloropropene
Concen: 4.903 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



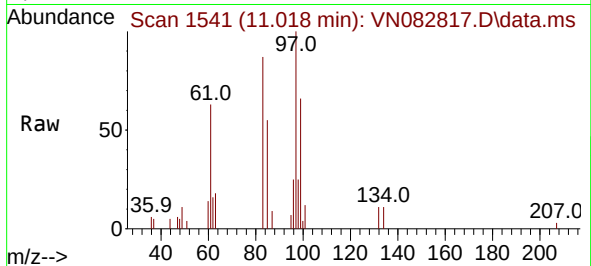
Tgt Ion: 75 Resp: 13394
Ion Ratio Lower Upper
75 100
77 33.7 24.3 36.5
39 59.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 5.250 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

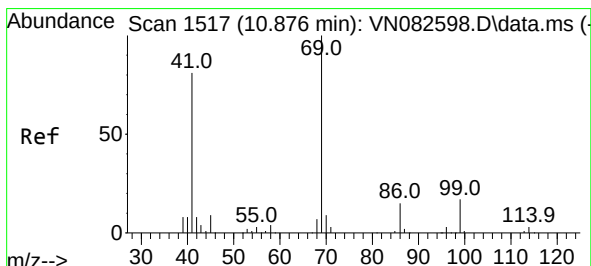
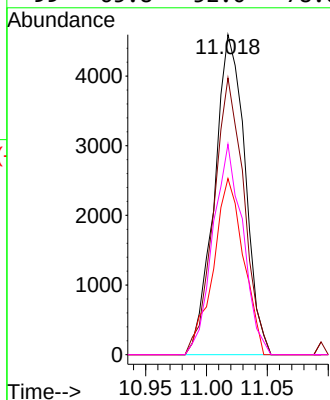
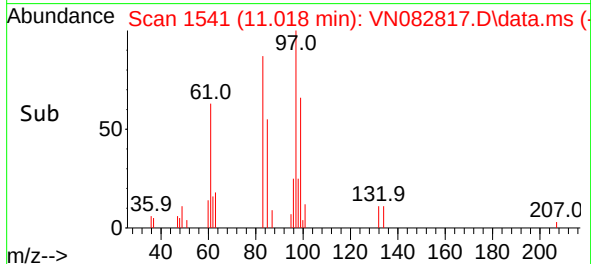
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



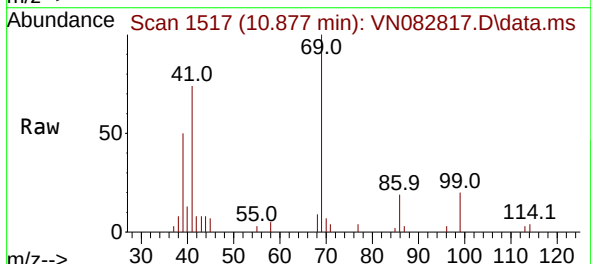
Tgt Ion:	97	Resp:	8039
Ion	Ratio	Lower	Upper
97	100		
83	86.5	71.4	107.0
85	55.0	45.8	68.6
99	65.8	52.0	78.0

Manual Integrations
APPROVED

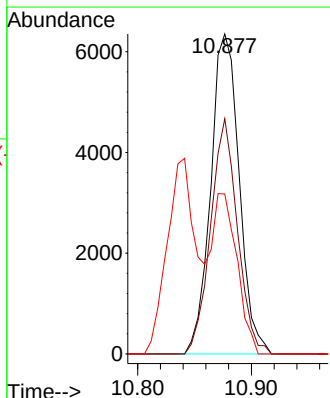
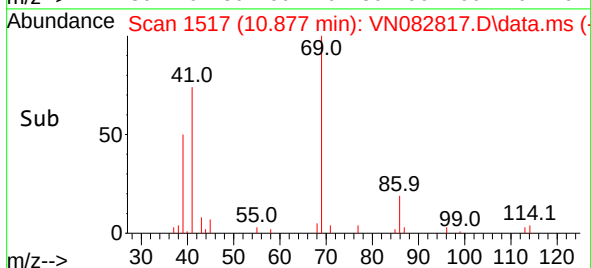
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

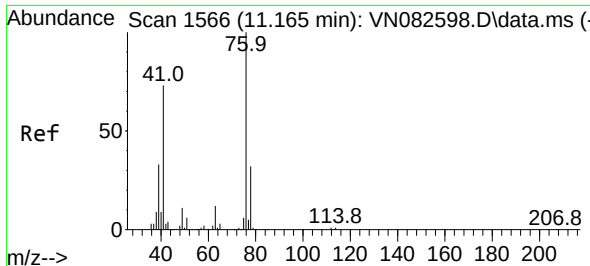


#56
Ethyl methacrylate
Concen: 4.639 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion:	69	Resp:	11051
Ion	Ratio	Lower	Upper
69	100		
41	69.4	63.4	95.2
39	44.3	37.4	56.0





#57

1,3-Dichloropropane

Concen: 5.090 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1379

Ion Ratio Lower Upper

76 100

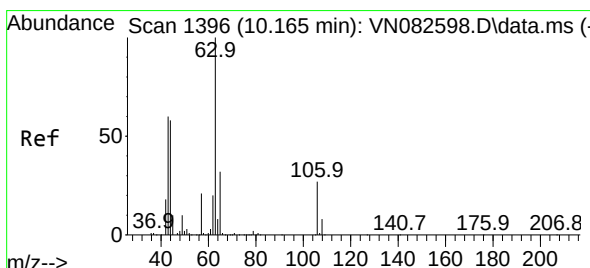
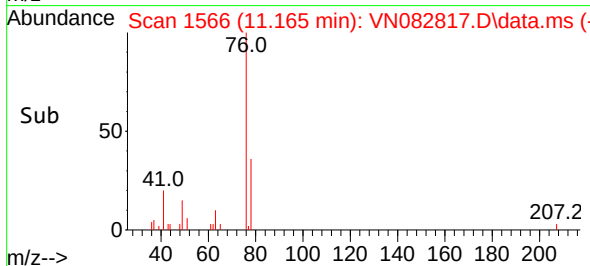
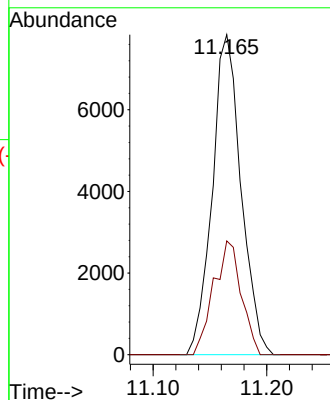
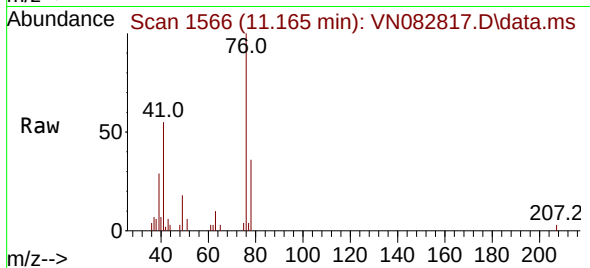
78 34.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#58

2-Chloroethyl Vinyl ether

Concen: 24.423 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082817.D

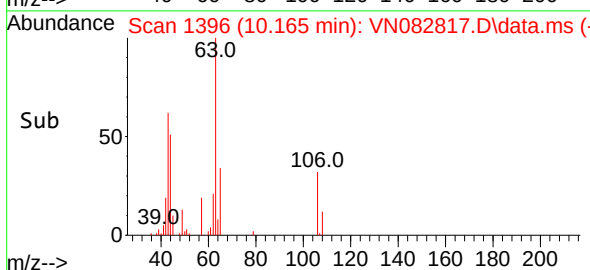
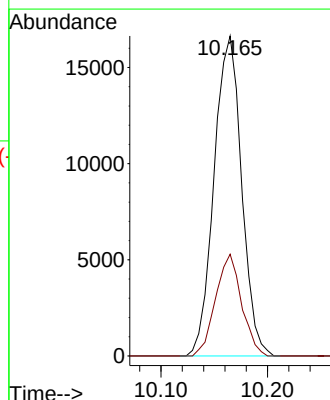
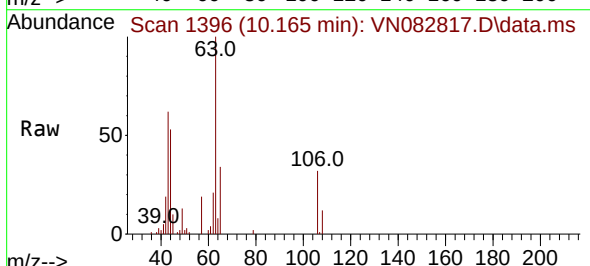
Acq: 08 Jul 2024 12:23

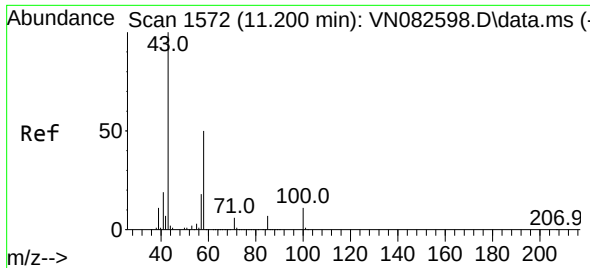
Tgt Ion: 63 Resp: 29855

Ion Ratio Lower Upper

63 100

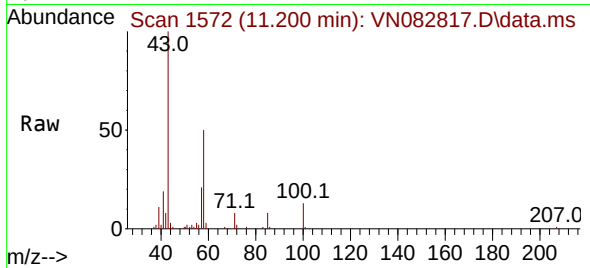
106 30.0 21.4 32.0





#59
2-Hexanone
Concen: 24.749 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

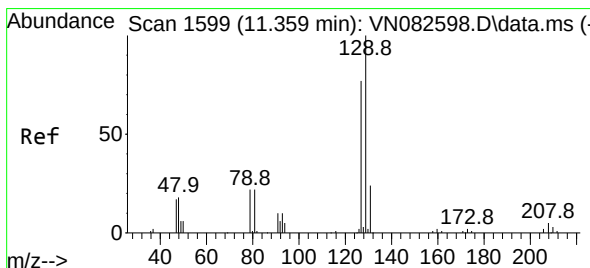
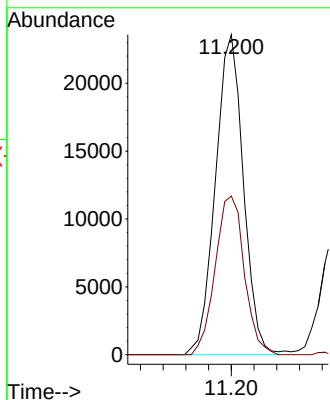
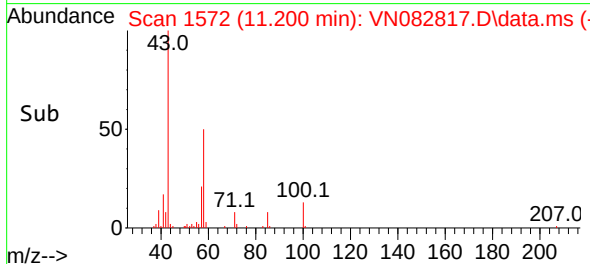
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 4024
Ion Ratio Lower Upper
43 100
58 51.6 24.6 73.8

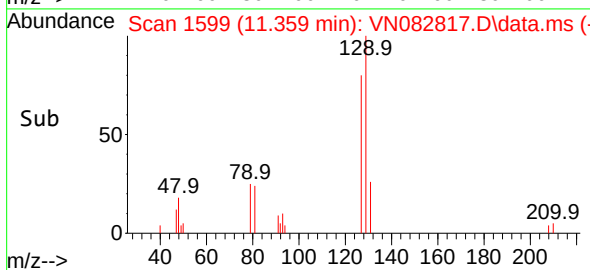
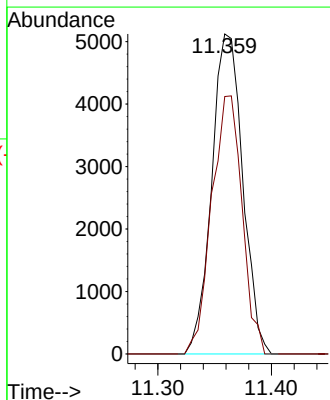
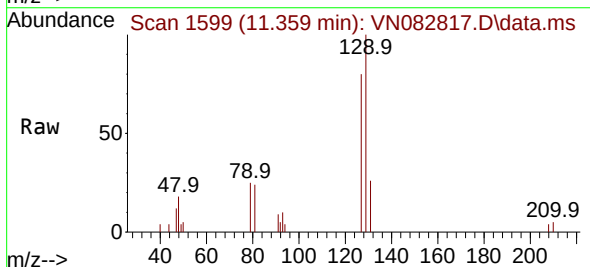
Manual Integrations
APPROVED

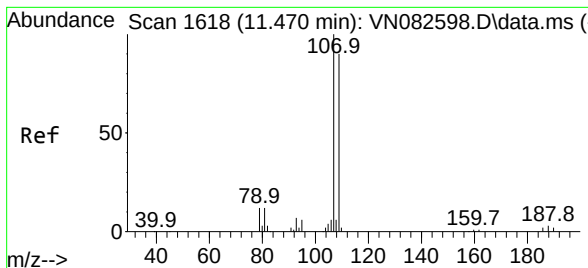
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#60
Dibromochloromethane
Concen: 4.987 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion:129 Resp: 9727
Ion Ratio Lower Upper
129 100
127 79.1 39.2 117.6





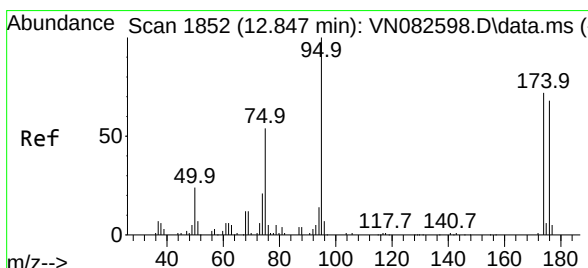
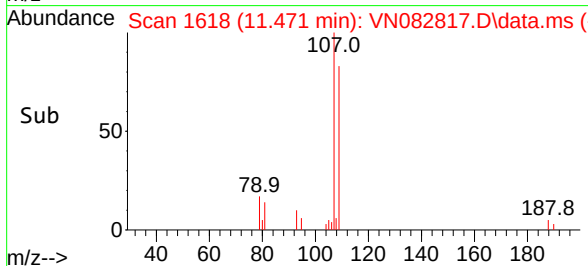
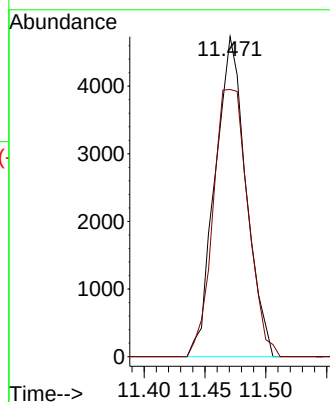
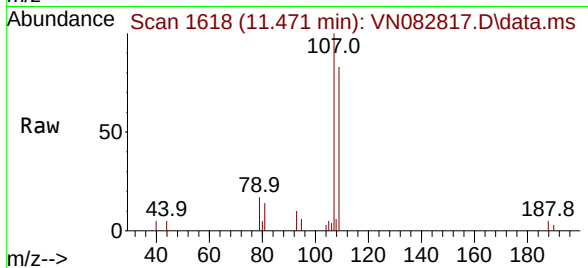
#61
1,2-Dibromoethane
Concen: 5.150 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 8375
Ion Ratio Lower Upper
107 100
109 94.1 73.7 110.5

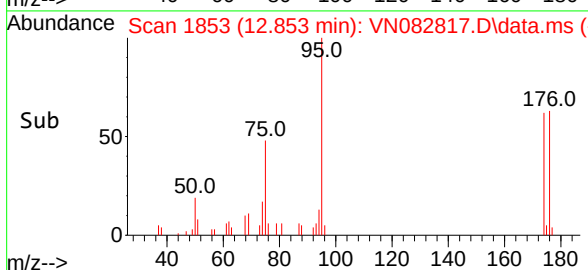
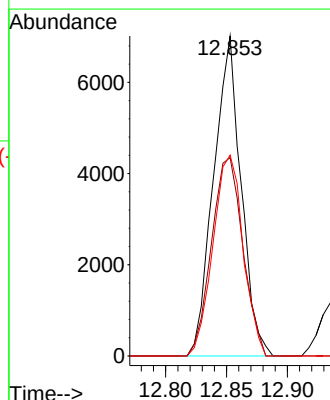
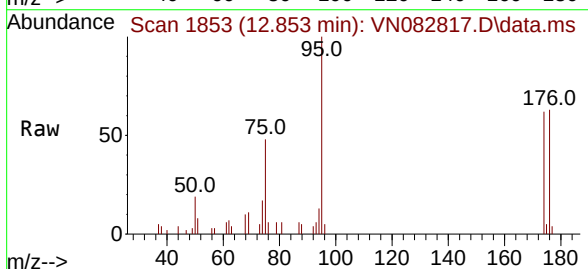
Manual Integrations
APPROVED

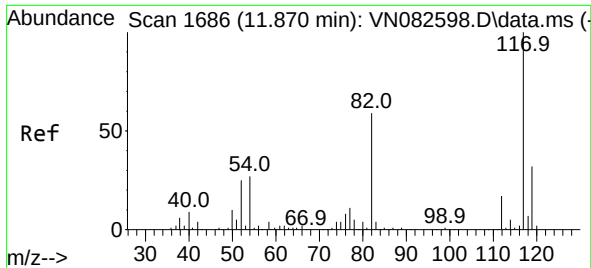
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#62
4-Bromofluorobenzene
Concen: 5.274 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

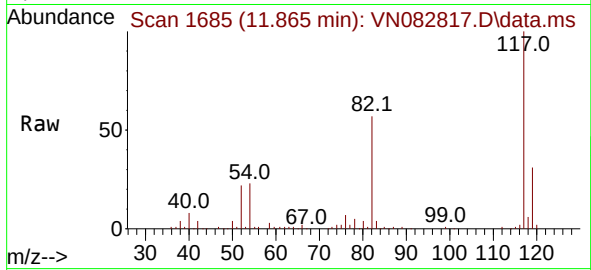
Tgt Ion: 95 Resp: 10998
Ion Ratio Lower Upper
95 100
174 70.8 0.0 159.2
176 68.6 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.005 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

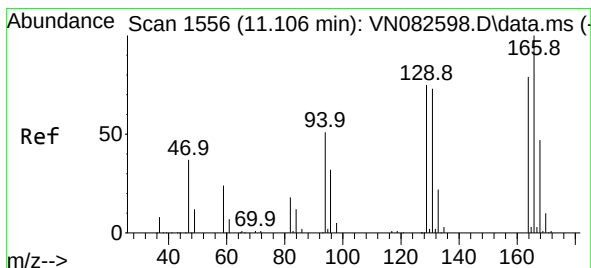
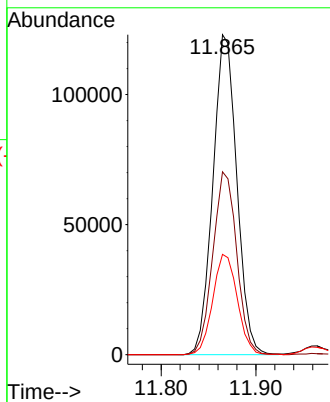
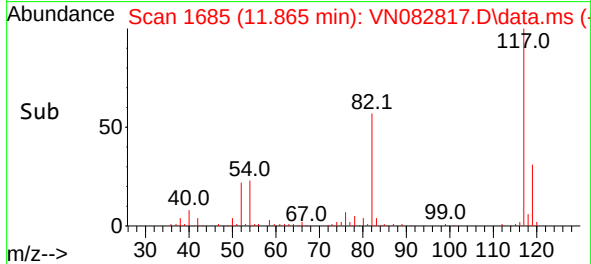
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 21613
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 31.3 25.6 38.4

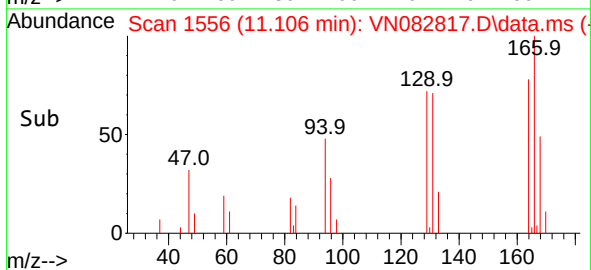
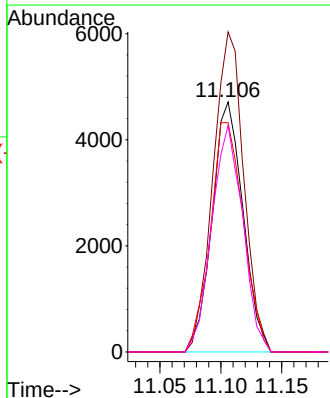
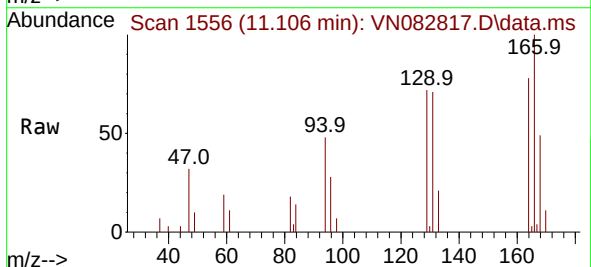
Manual Integrations
APPROVED

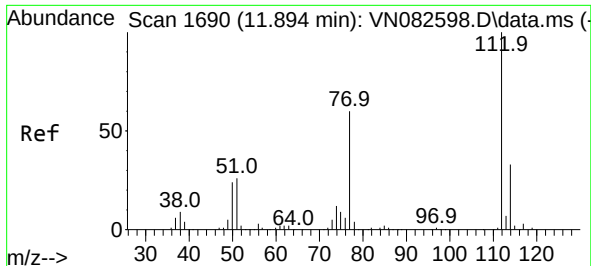
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#64
Tetrachloroethene
Concen: 5.149 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

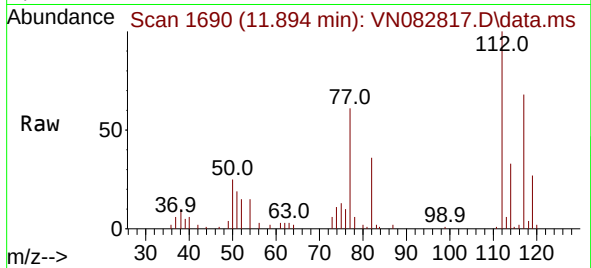
Tgt Ion:164 Resp: 8303
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 91.7 75.7 113.5
131 90.7 73.8 110.6





#65
Chlorobenzene
Concen: 5.105 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

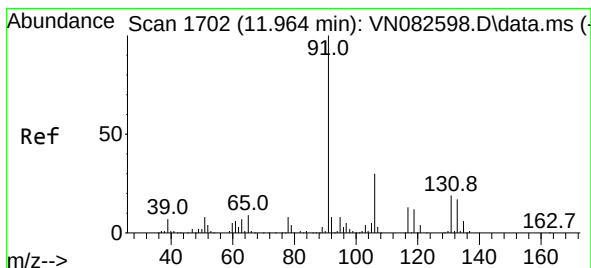
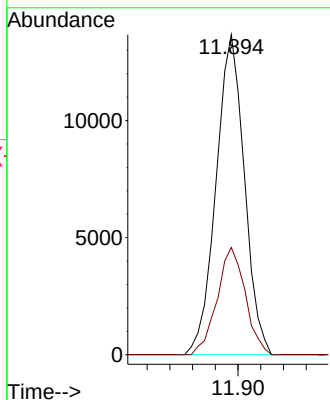
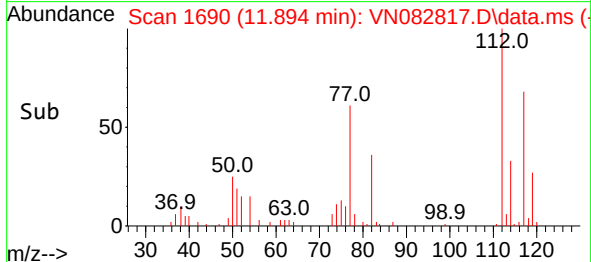
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:112 Resp: 23644
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.2

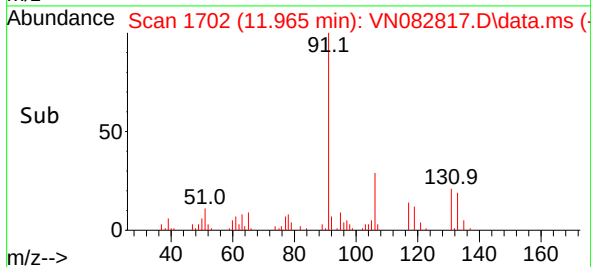
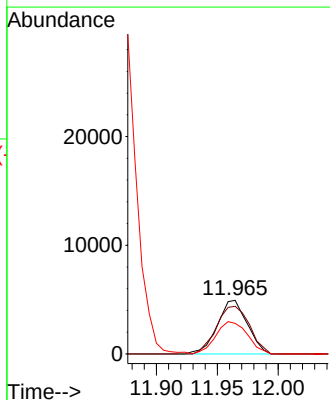
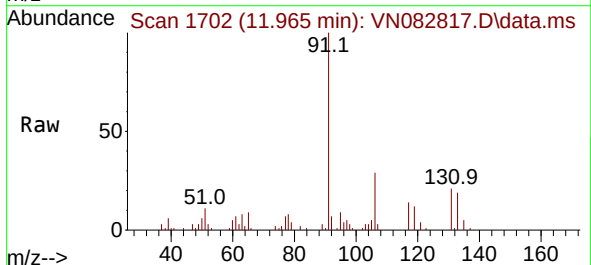
Manual Integrations
APPROVED

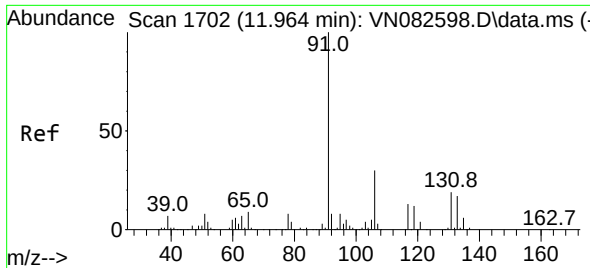
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.131 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion:131 Resp: 8452
Ion Ratio Lower Upper
131 100
133 98.1 47.3 142.0
119 63.6 32.5 97.4





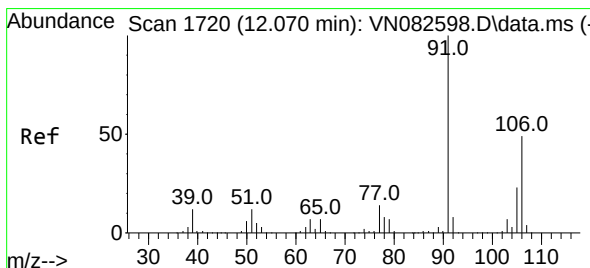
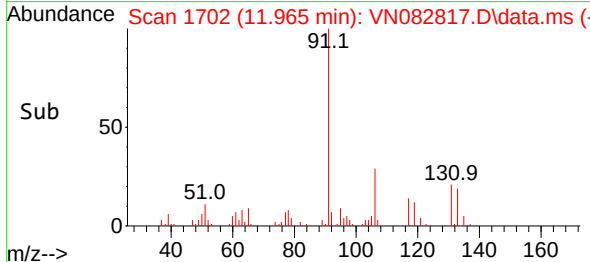
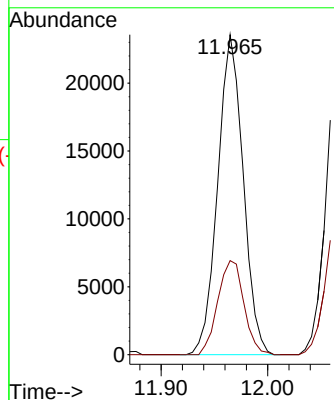
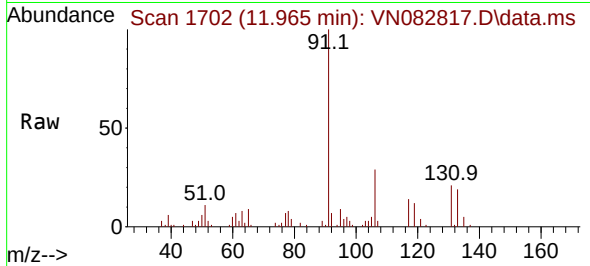
#67
Ethyl Benzene
Concen: 5.017 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 39052
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0

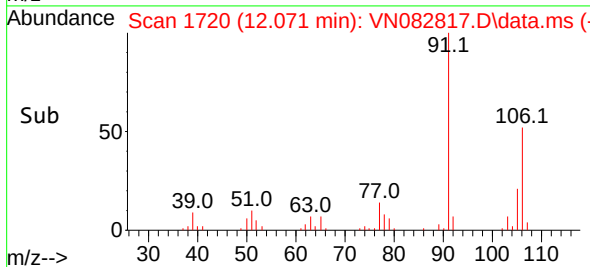
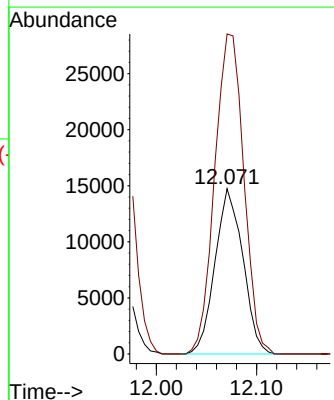
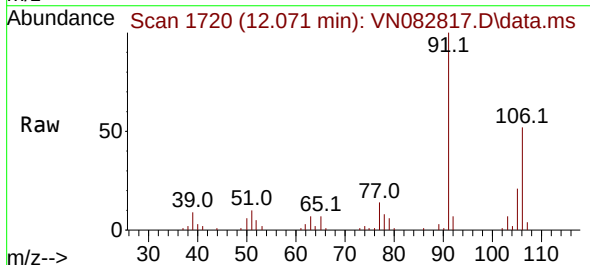
Manual Integrations
APPROVED

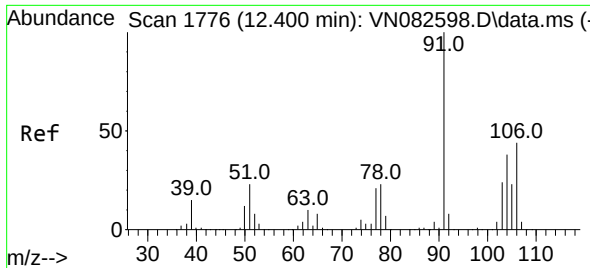
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#68
m/p-Xylenes
Concen: 9.680 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion:106 Resp: 28447
Ion Ratio Lower Upper
106 100
91 202.1 166.1 249.1





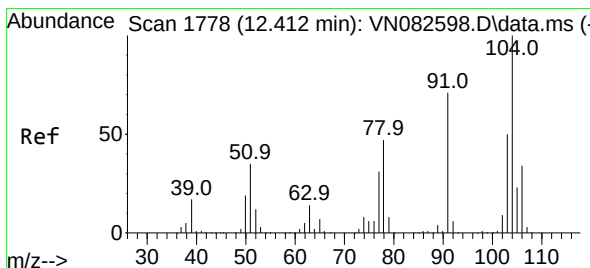
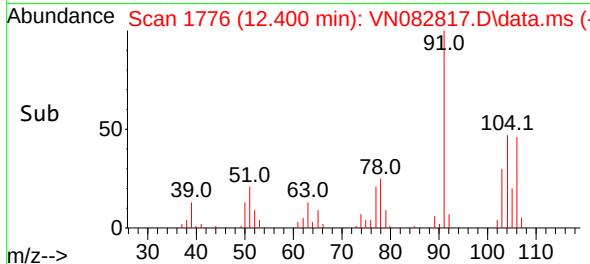
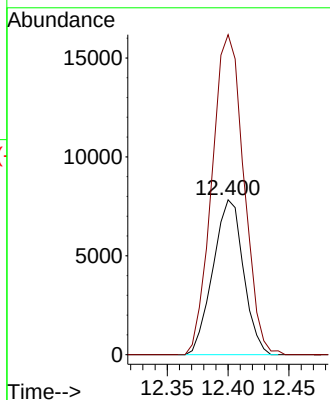
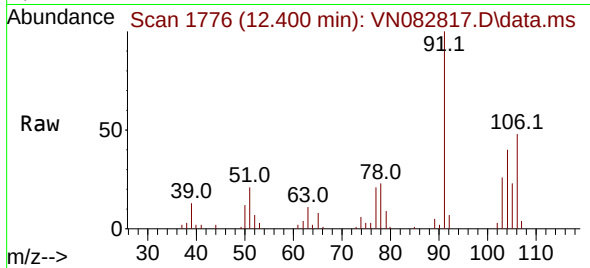
#69
o-Xylene
Concen: 4.846 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 13640
Ion Ratio Lower Upper
106 100
91 215.9 111.3 333.9

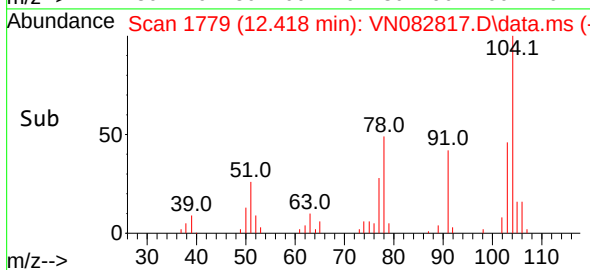
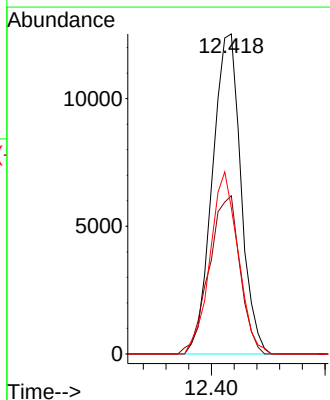
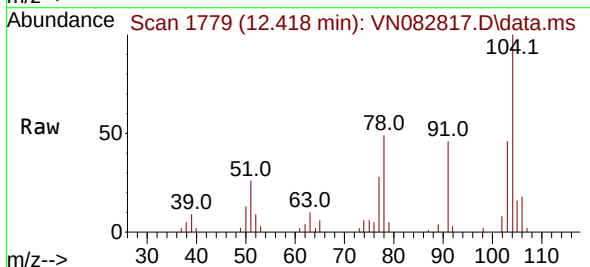
Manual Integrations
APPROVED

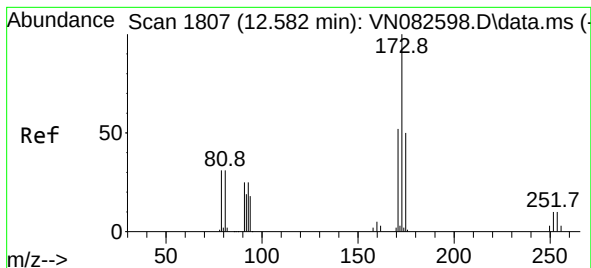
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#70
Styrene
Concen: 4.691 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion:104 Resp: 21825
Ion Ratio Lower Upper
104 100
78 53.4 41.6 62.4
103 56.1 44.0 66.0





#71

Bromoform

Concen: 5.016 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

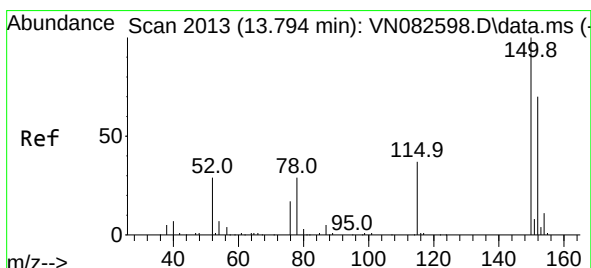
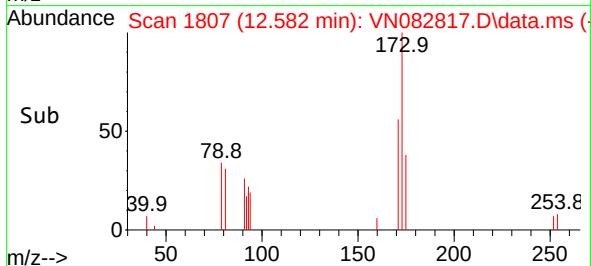
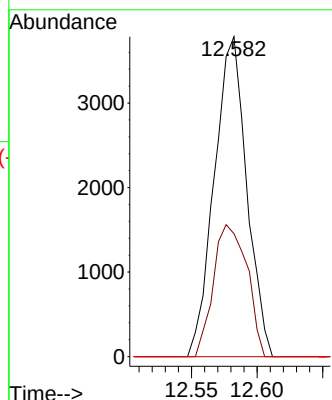
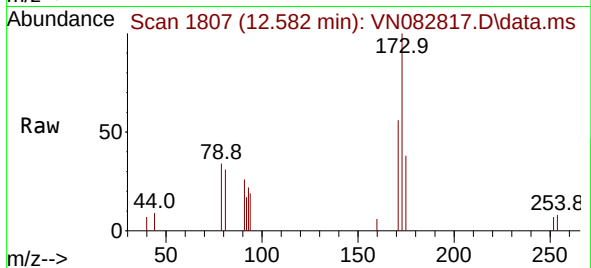
Tgt Ion:	173	Resp:	6499
Ion Ratio	Lower	Upper	
173	100		
175	42.9	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

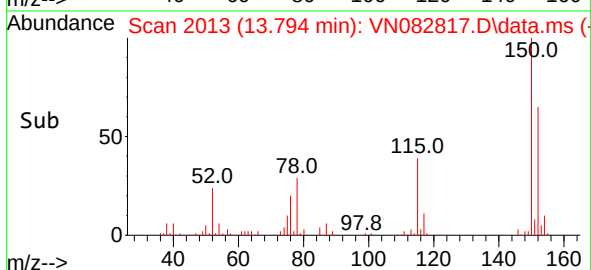
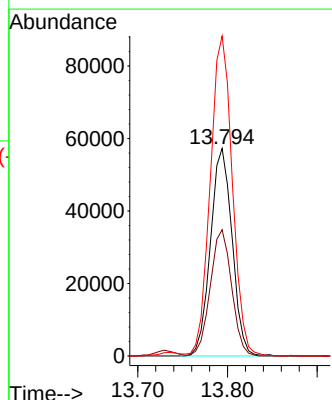
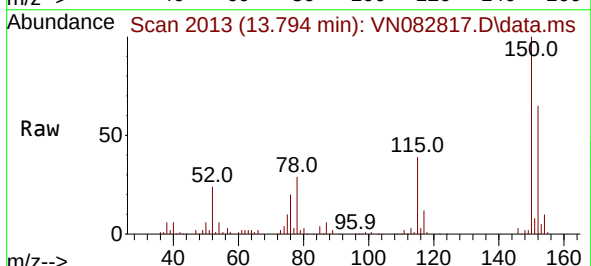
RT: 13.794 min Scan# 2013

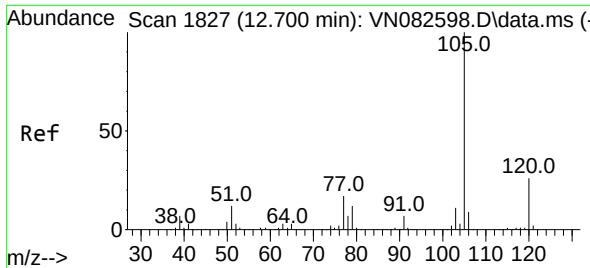
Delta R.T. -0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Tgt Ion:	152	Resp:	95932
Ion Ratio	Lower	Upper	
152	100		
115	59.9	30.6	91.6
150	156.9	0.0	348.6





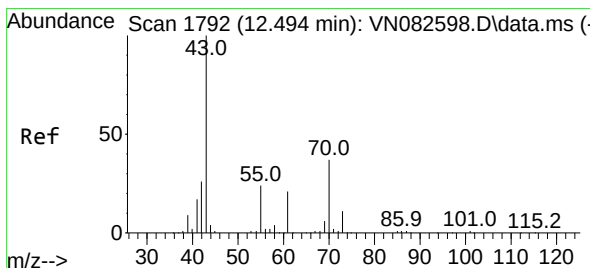
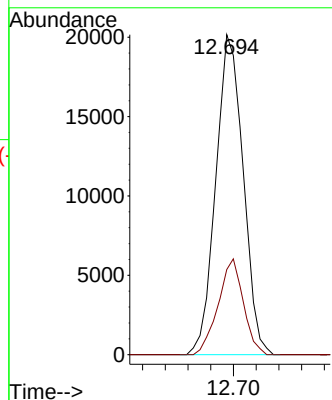
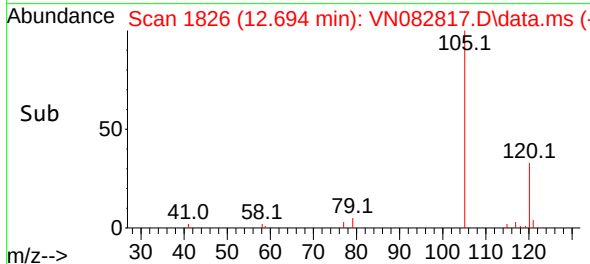
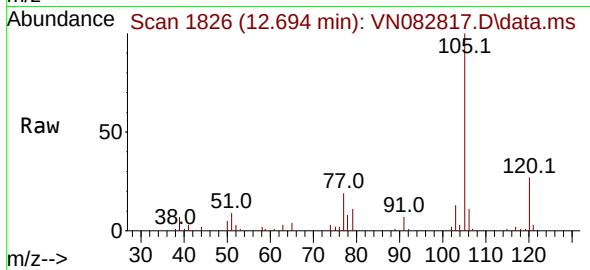
#73
Isopropylbenzene
Concen: 4.841 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 3374
Ion Ratio Lower Upper
105 100
120 27.5 12.9 38.6

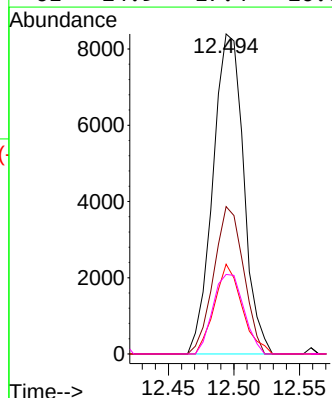
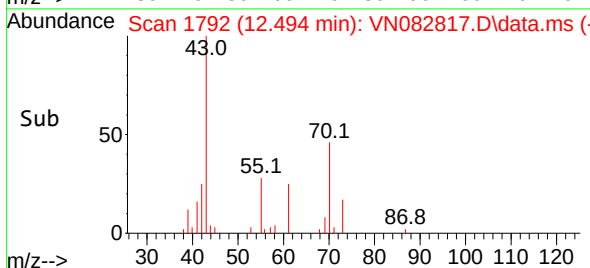
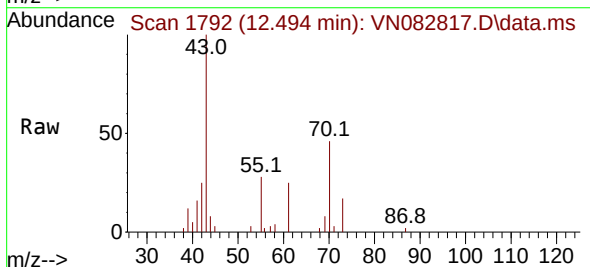
Manual Integrations
APPROVED

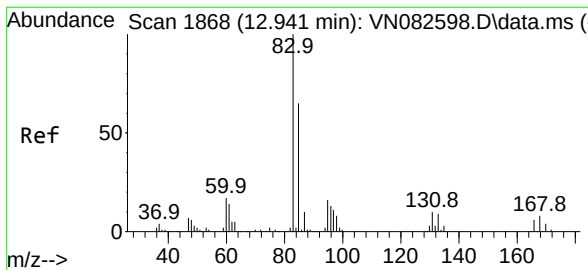
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#74
N-ethyl acetate
Concen: 4.740 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

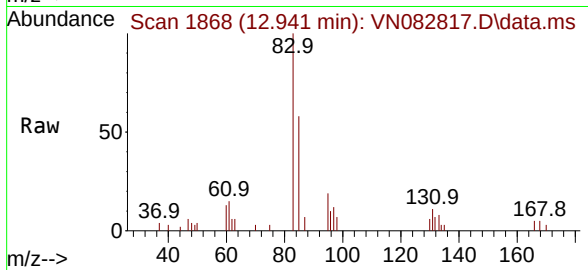
Tgt Ion: 43 Resp: 13668
Ion Ratio Lower Upper
43 100
70 44.6 29.8 44.6
55 25.3 18.7 28.1
61 24.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 5.518 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

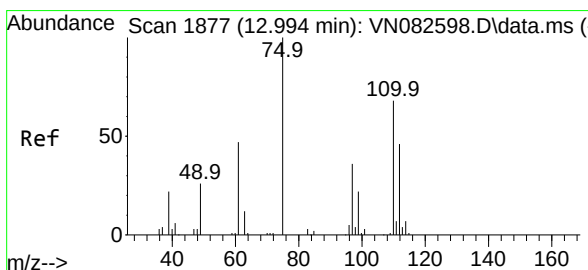
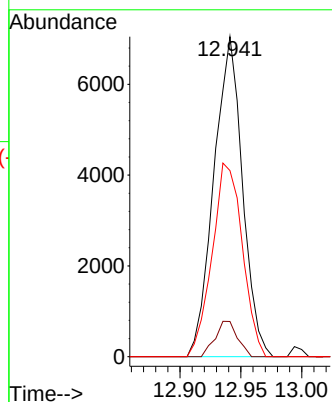
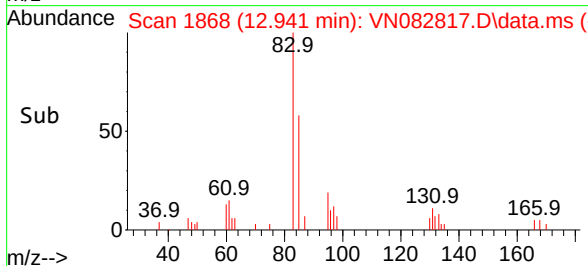
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 11519
Ion Ratio Lower Upper
83 100
131 8.6 5.0 14.9
85 63.8 31.9 95.7

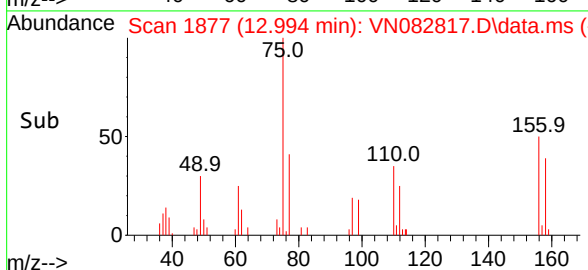
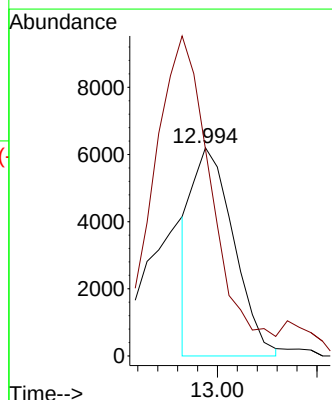
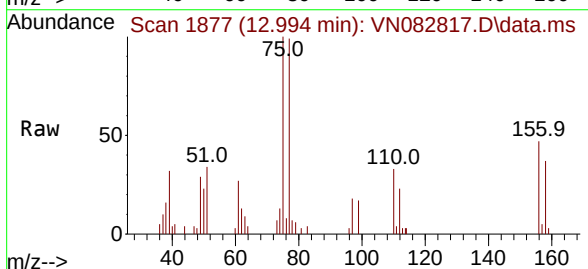
Manual Integrations
APPROVED

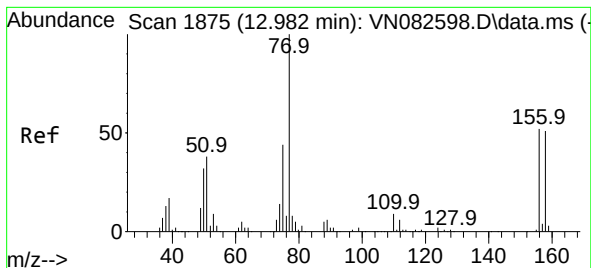
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#76
1,2,3-Trichloropropane
Concen: 4.747 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Tgt Ion: 75 Resp: 9008
Ion Ratio Lower Upper
75 100
77 217.1 110.9 332.6





#77

Bromobenzene

Concen: 5.109 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

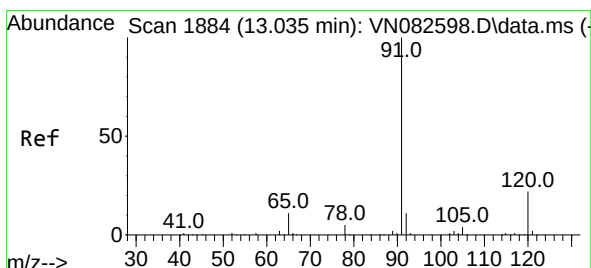
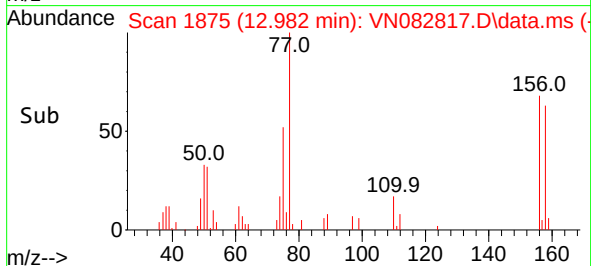
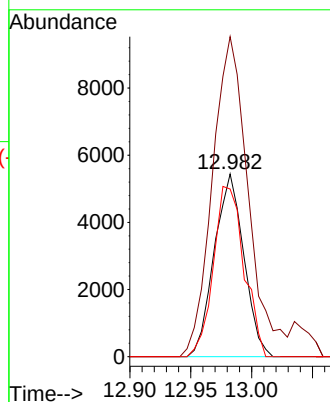
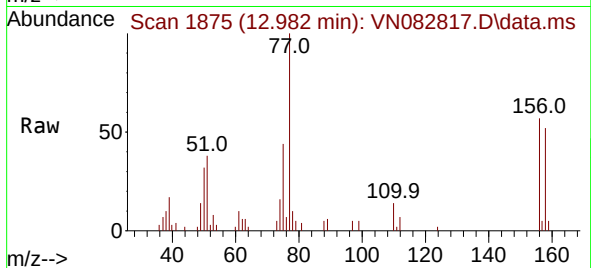
Tgt Ion:	156	Resp:	918
Ion Ratio	Lower	Upper	
156	100		
77	212.8	111.3	333.8
158	96.6	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#78

n-propylbenzene

Concen: 4.867 ug/l

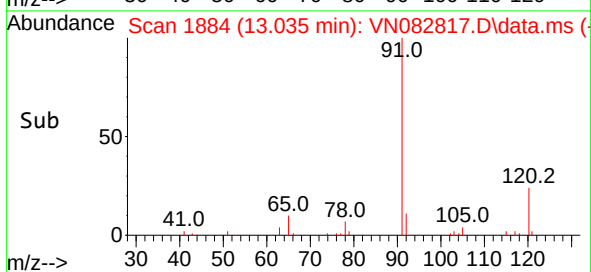
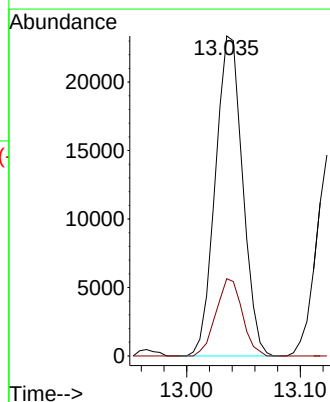
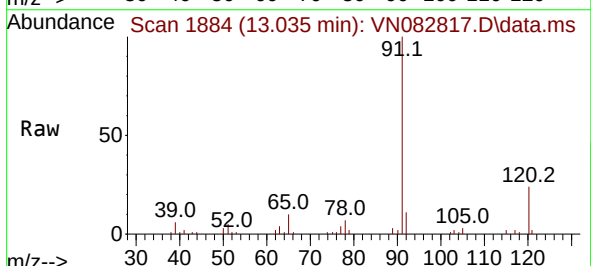
RT: 13.035 min Scan# 1884

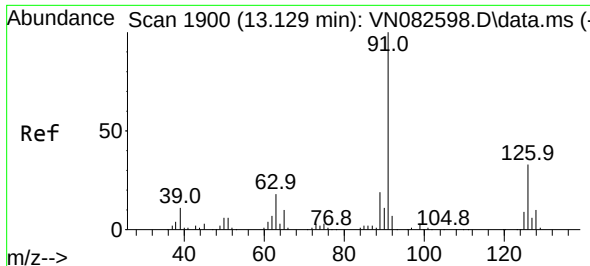
Delta R.T. 0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Tgt Ion:	91	Resp:	39007
Ion Ratio	Lower	Upper	
91	100		
120	23.3	10.9	32.9





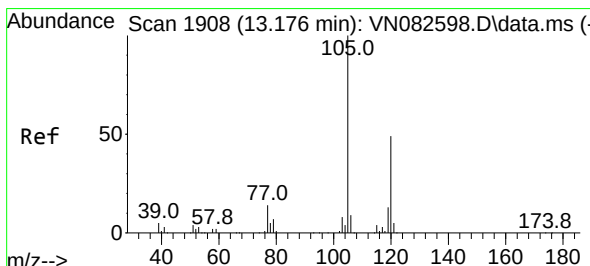
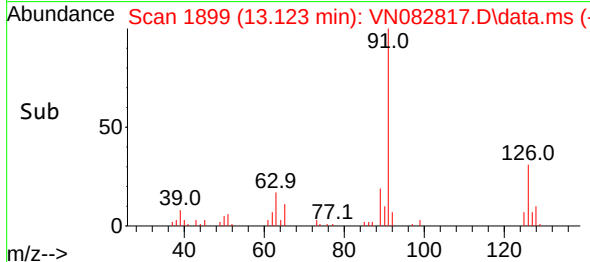
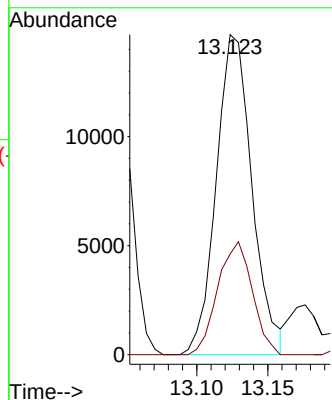
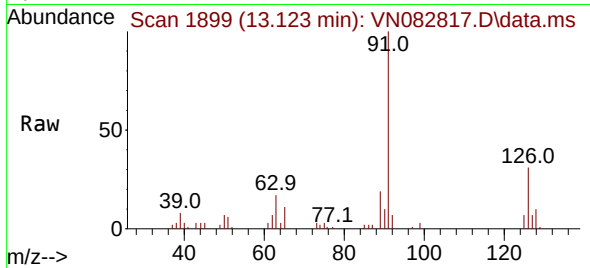
#79
2-Chlorotoluene
Concen: 5.037 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 2572
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6

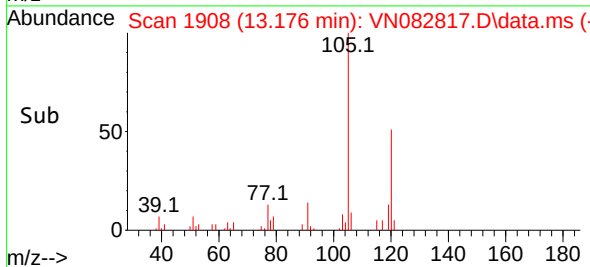
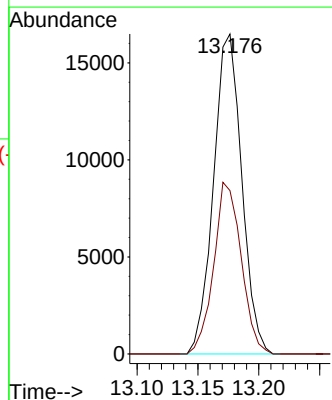
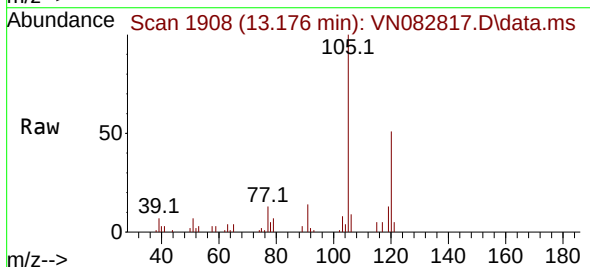
Manual Integrations
APPROVED

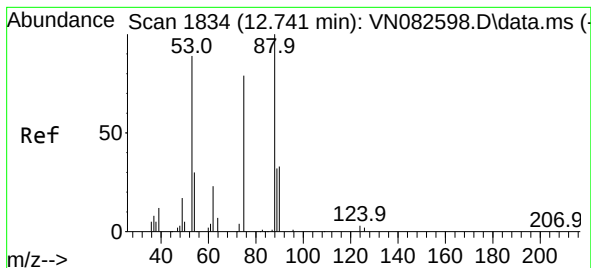
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.721 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

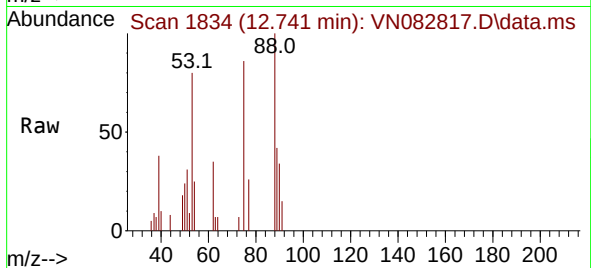
Tgt Ion:105 Resp: 26600
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.949 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

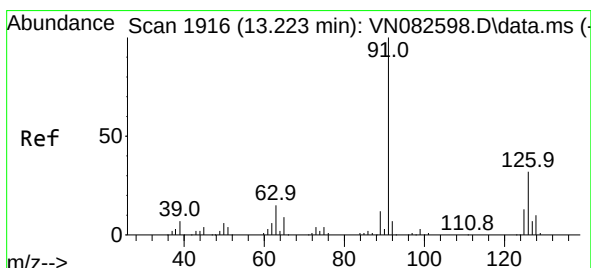
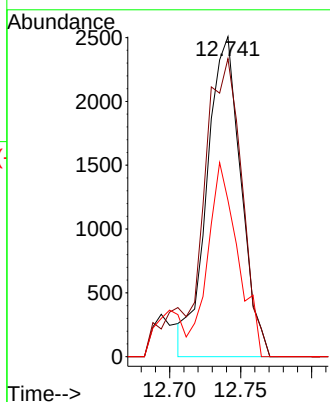
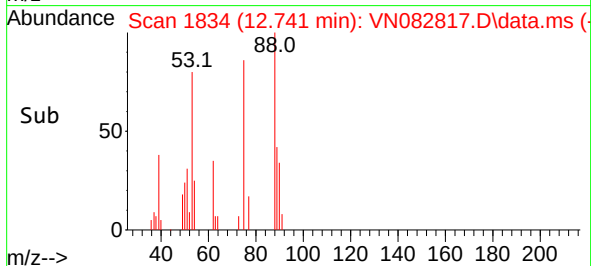
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



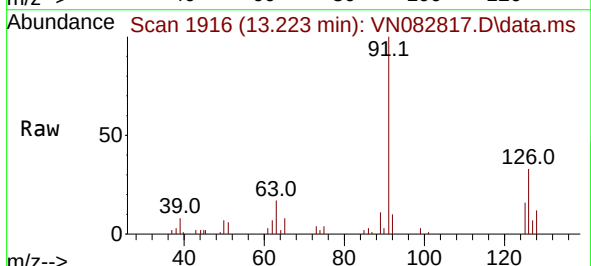
Tgt Ion: 75 Resp: 4162
Ion Ratio Lower Upper
75 100
53 112.5 88.4 132.6
89 53.6 36.3 54.5

Manual Integrations
APPROVED

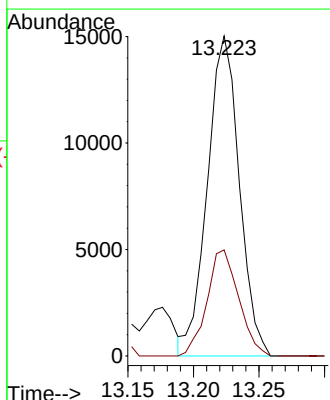
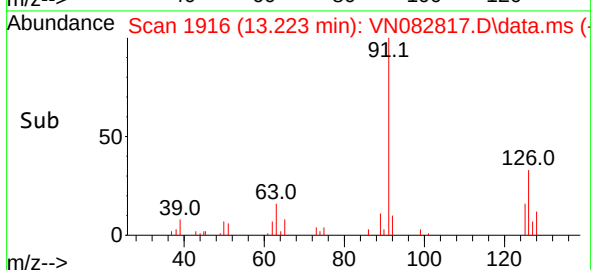
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

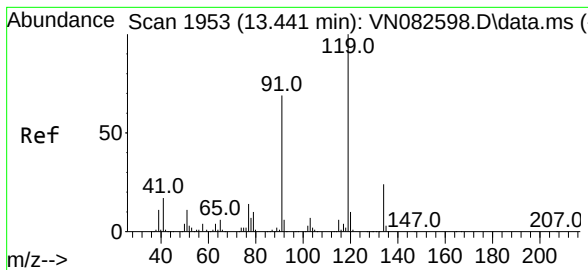


#82
4-Chlorotoluene
Concen: 5.032 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



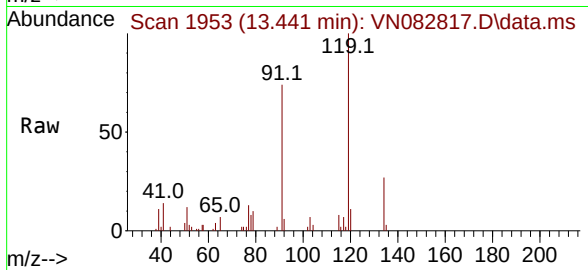
Tgt Ion: 91 Resp: 25436
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 5.066 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

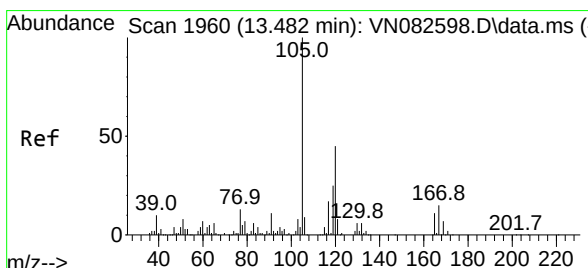
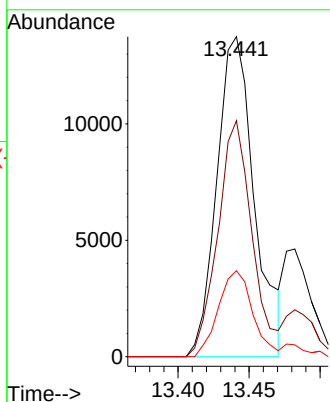
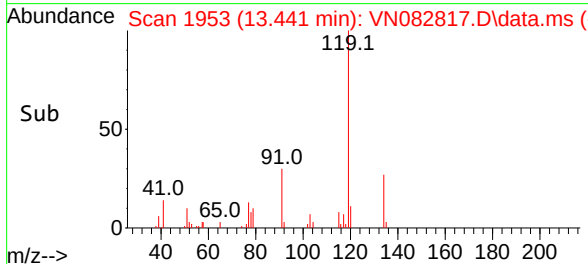
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



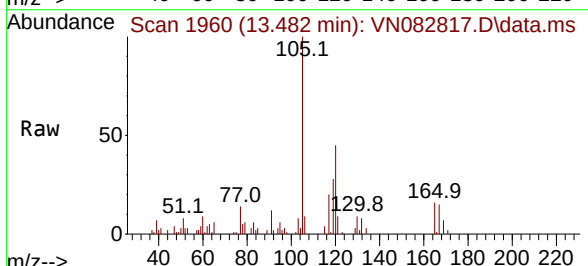
Tgt Ion:119 Resp: 25300
Ion Ratio Lower Upper
119 100
91 67.1 35.0 105.1
134 24.5 13.3 39.8

Manual Integrations
APPROVED

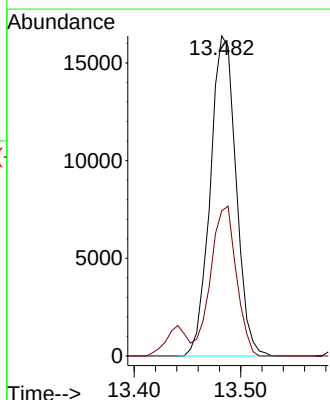
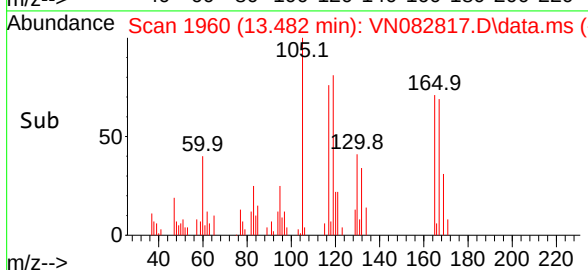
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

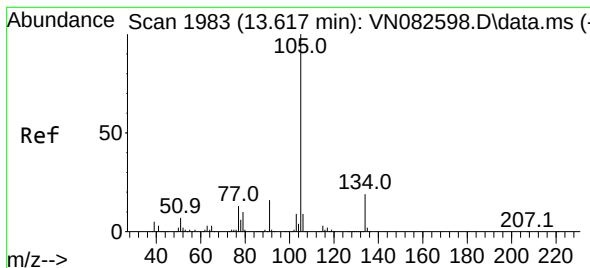


#84
1,2,4-Trimethylbenzene
Concen: 4.794 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion:105 Resp: 27534
Ion Ratio Lower Upper
105 100
120 46.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 4.920 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 3321

Ion Ratio Lower Upper

105 100

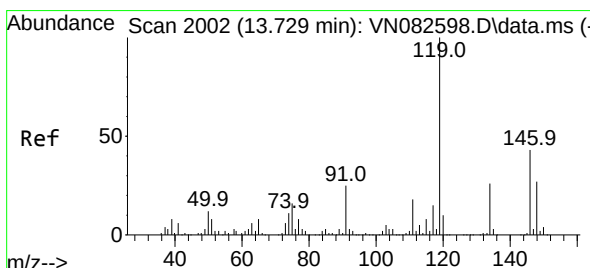
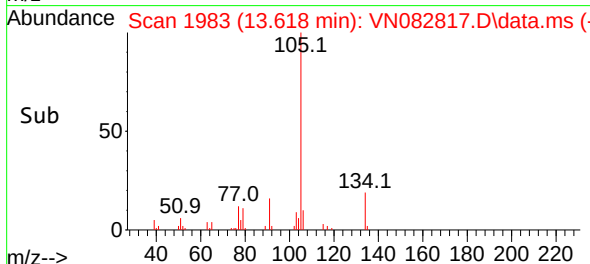
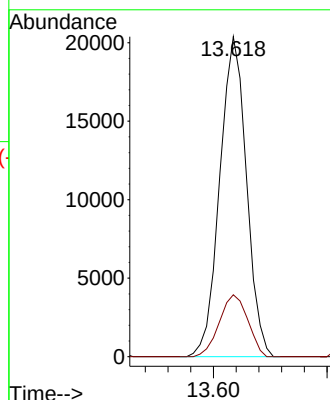
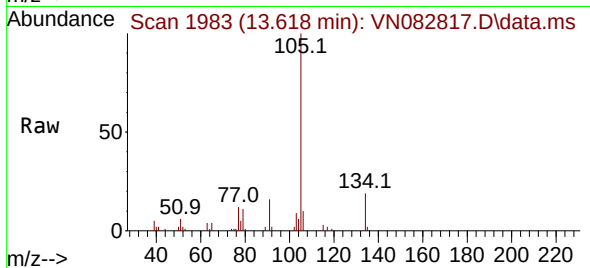
134 20.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#86

p-Isopropyltoluene

Concen: 4.859 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082817.D

Acq: 08 Jul 2024 12:23

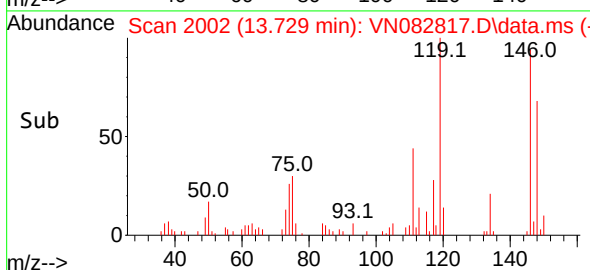
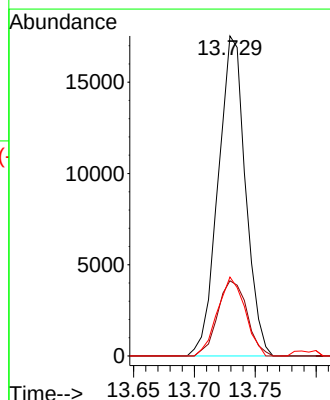
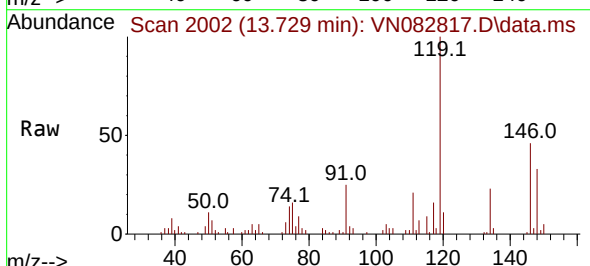
Tgt Ion:119 Resp: 27368

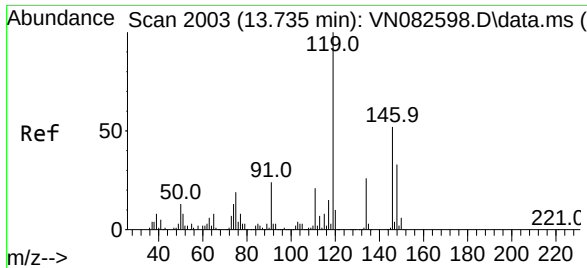
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 25.0 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 5.089 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

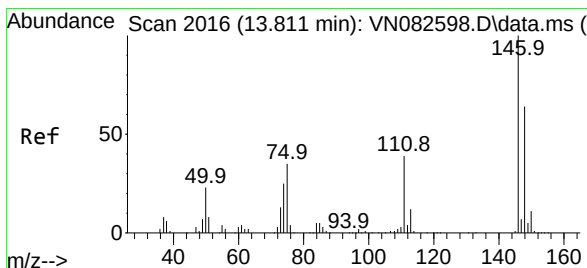
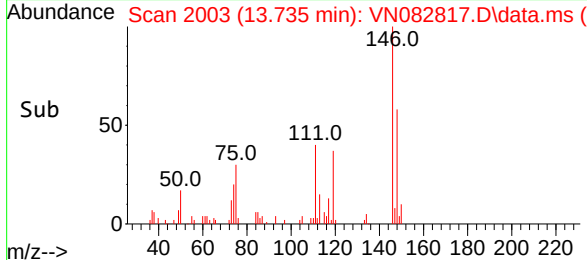
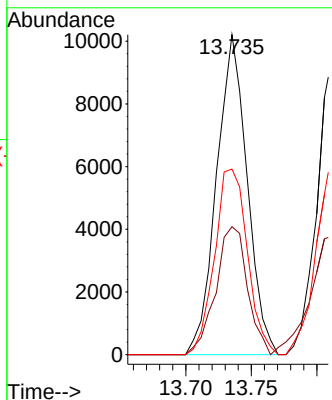
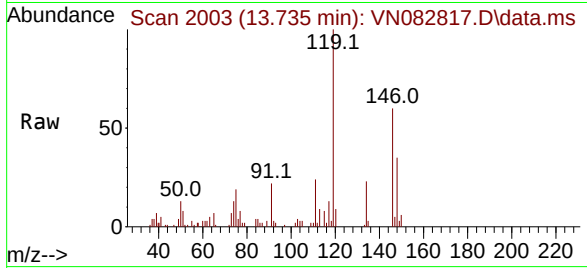
Tgt Ion:146 Resp: 1653
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 62.3 31.8 95.3

Manual Integrations

APPROVED

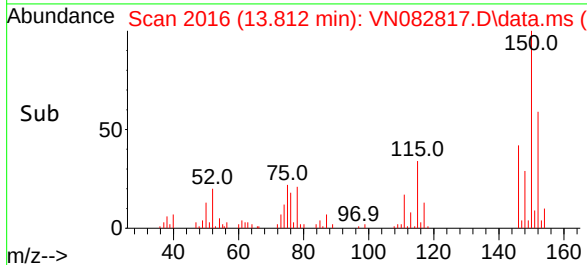
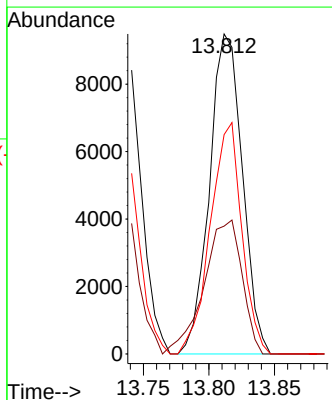
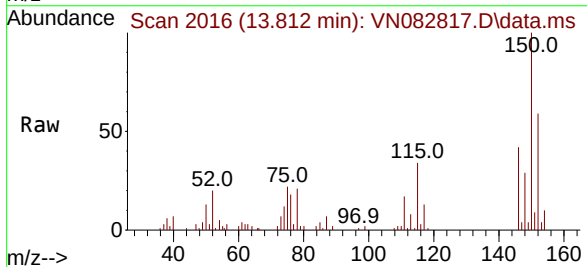
Reviewed By :John Carlone 07/08/2024

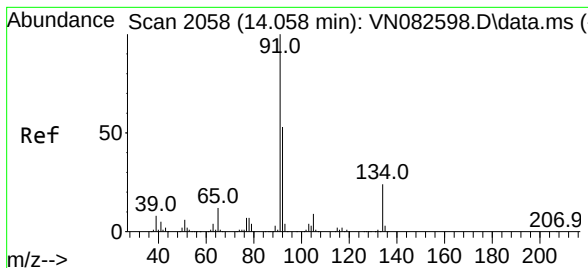
Supervised By :Mahesh Dadoda 07/09/2024



#88
1,4-Dichlorobenzene
Concen: 5.080 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

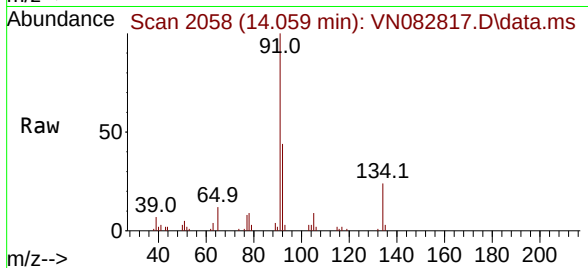
Tgt Ion:146 Resp: 16562
Ion Ratio Lower Upper
146 100
111 48.4 20.1 60.3
148 69.2 32.2 96.6





#89
n-Butylbenzene
Concen: 4.885 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

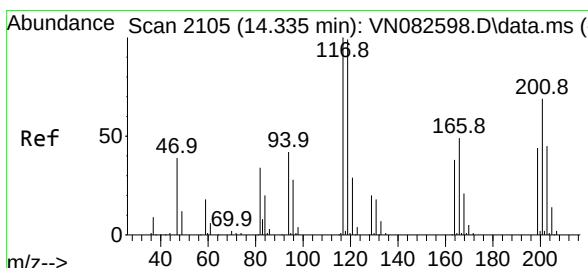
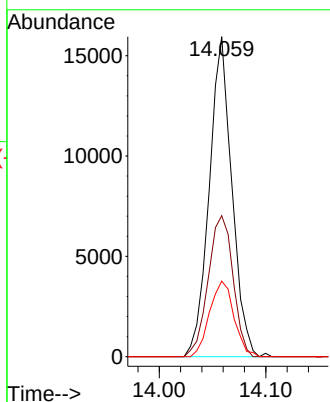
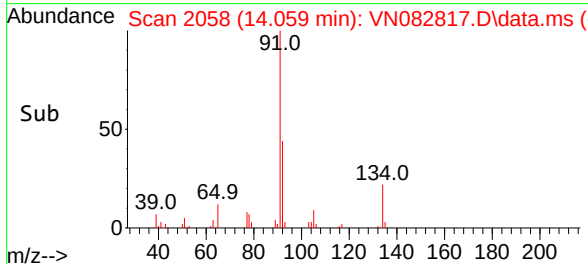
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 2356
Ion Ratio Lower Upper
91 100
92 48.2 26.1 78.3
134 25.4 12.1 36.3

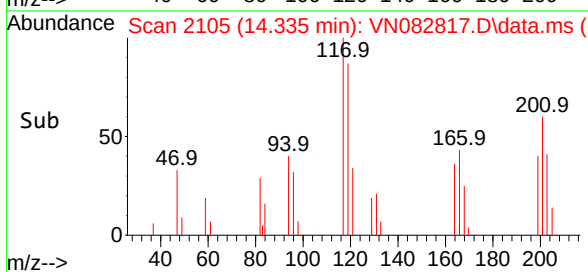
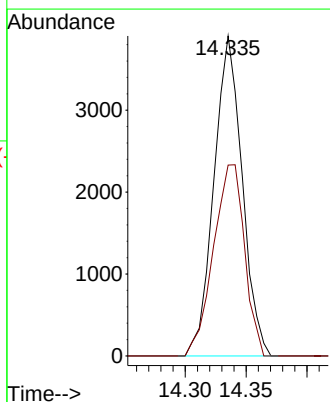
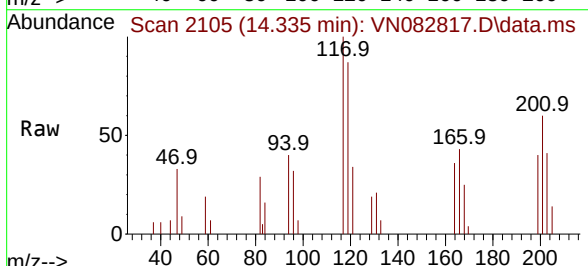
Manual Integrations
APPROVED

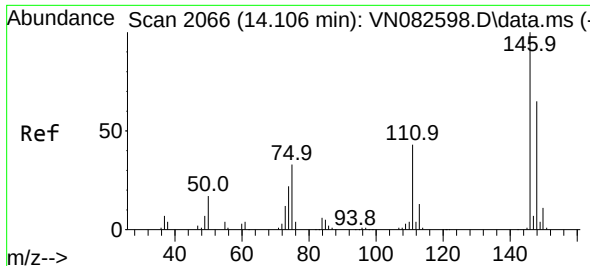
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#90
Hexachloroethane
Concen: 5.281 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

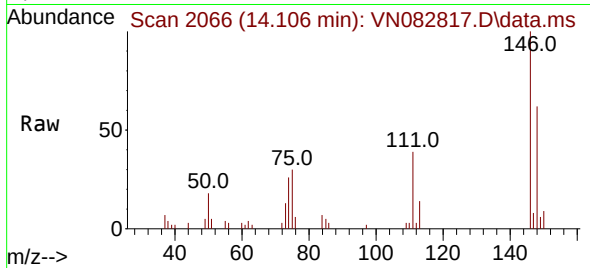
Tgt Ion:117 Resp: 6293
Ion Ratio Lower Upper
117 100
201 65.9 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 5.038 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

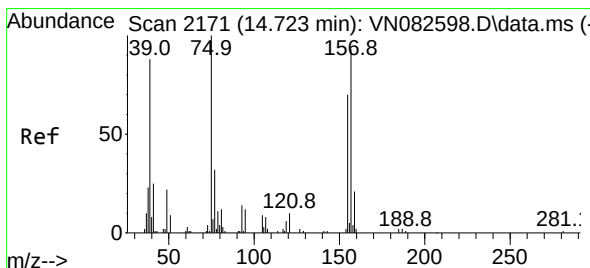
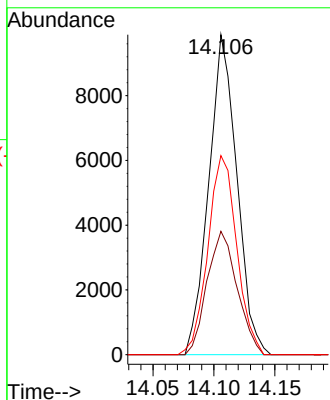
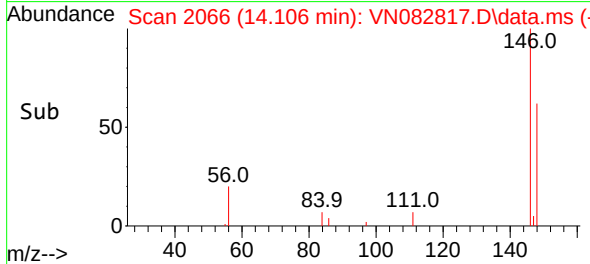
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



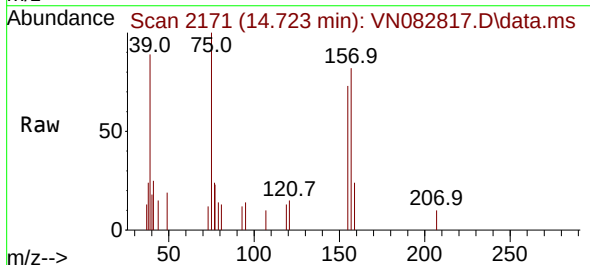
Tgt Ion:146 Resp: 15890
Ion Ratio Lower Upper
146 100
111 41.2 21.4 64.2
148 63.9 32.1 96.5

Manual Integrations
APPROVED

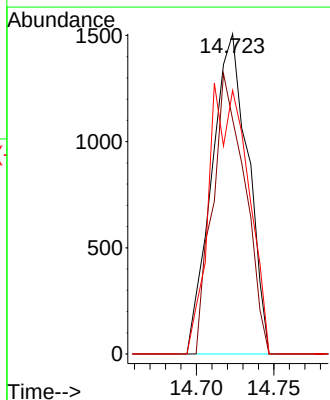
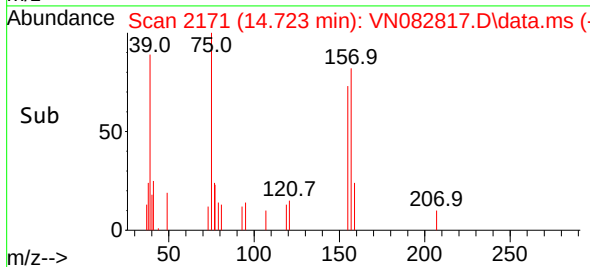
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

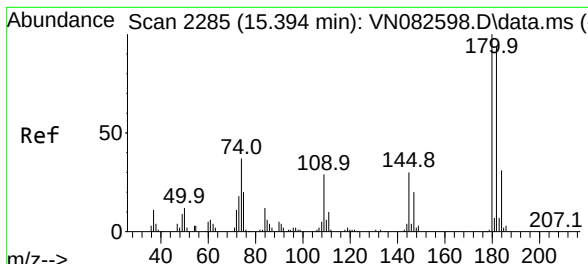


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.089 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



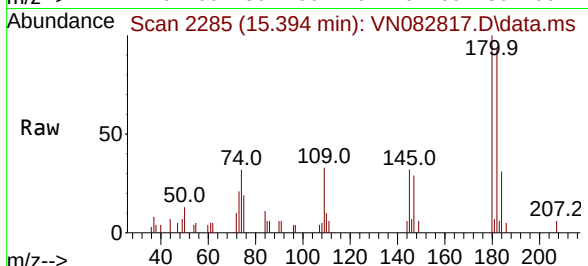
Tgt Ion: 75 Resp: 2458
Ion Ratio Lower Upper
75 100
155 77.8 36.6 109.8
157 90.8 46.9 140.6





#93
 1,2,4-Trichlorobenzene
 Concen: 4.837 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN082817.D
 Acq: 08 Jul 2024 12:23

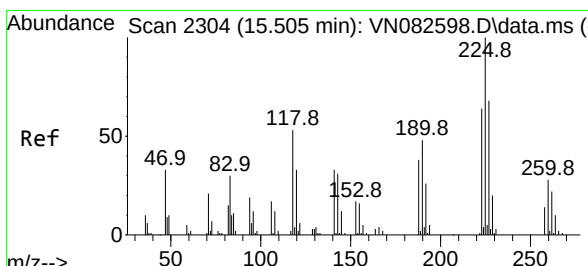
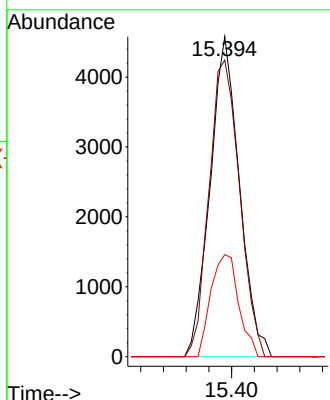
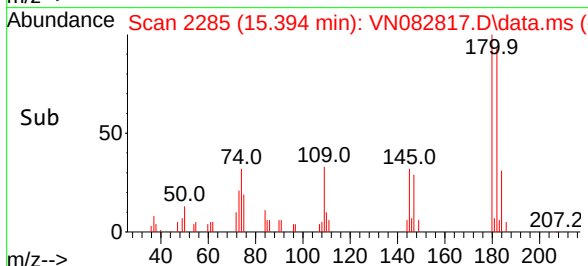
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:180 Resp: 8218
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 141.8
 145 30.1 15.7 47.1

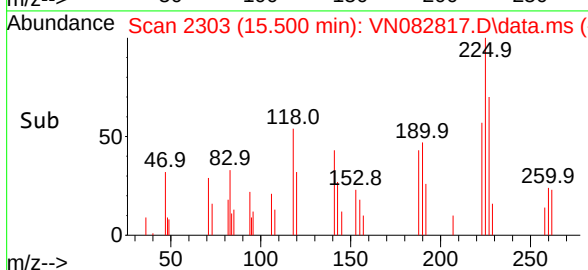
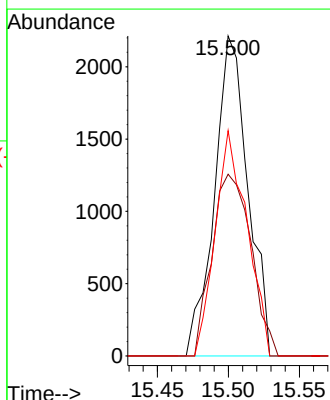
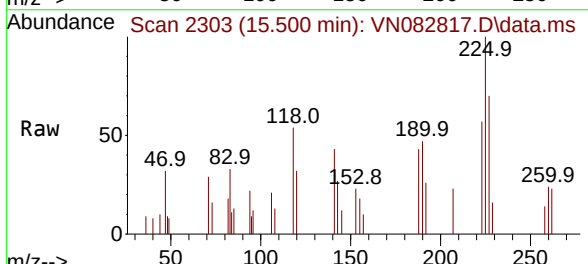
Manual Integrations
 APPROVED

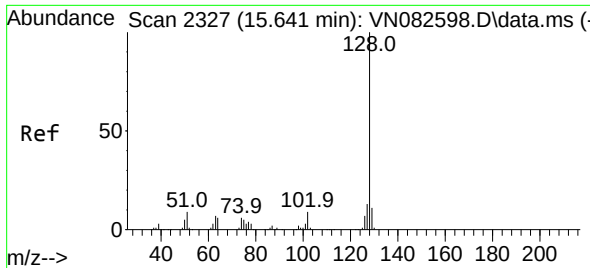
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#94
 Hexachlorobutadiene
 Concen: 4.814 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.005 min
 Lab File: VN082817.D
 Acq: 08 Jul 2024 12:23

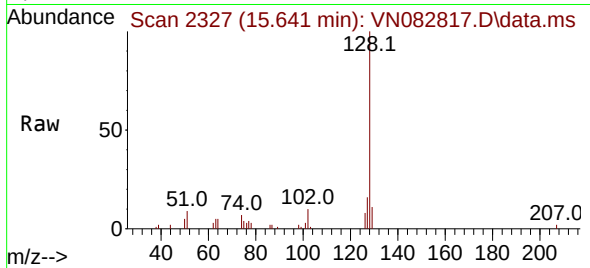
Tgt Ion:225 Resp: 3626
 Ion Ratio Lower Upper
 225 100
 223 66.4 31.9 95.7
 227 66.8 32.5 97.5





#95
Naphthalene
Concen: 4.625 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23

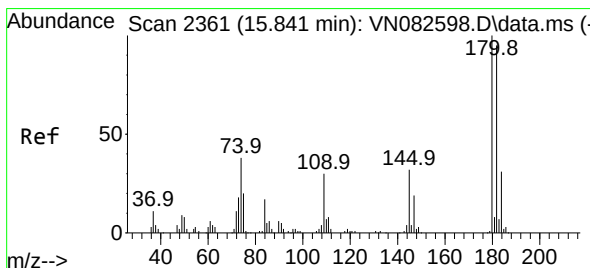
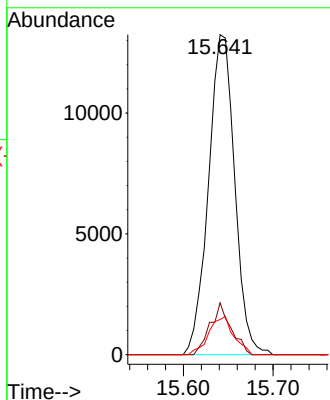
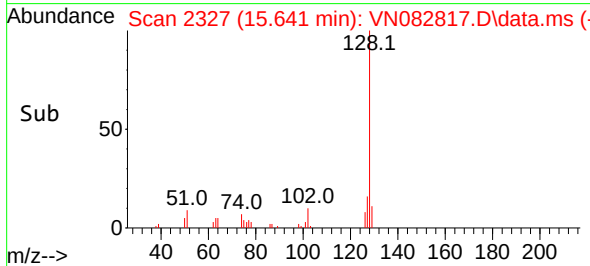
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



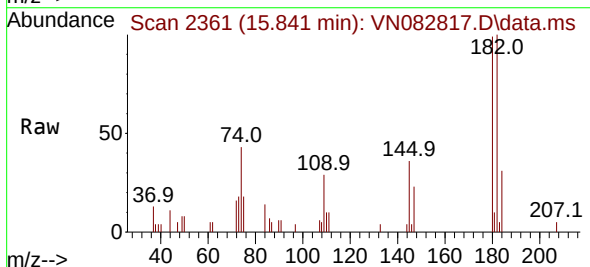
Tgt Ion:128 Resp: 26914
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.3 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.867 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082817.D
Acq: 08 Jul 2024 12:23



Tgt Ion:180 Resp: 8502
Ion Ratio Lower Upper
180 100
182 92.4 48.9 146.8
145 32.9 16.8 50.4

