

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081105.D
 Acq On : 20 Feb 2024 17:52
 Operator : JC\MD
 Sample : P1524-10MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

Quant Time: Feb 21 00:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	346965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	640556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	578464	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194383	45.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.420%
35) Dibromofluoromethane	8.212	113	313	0.086	ug/l	0.05
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.180%#
50) Toluene-d8	10.571	98	550258	42.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.540%#
62) 4-Bromofluorobenzene	12.853	95	218644	45.230	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	232260	51.762	ug/l	97
3) Chloromethane	2.359	50	231979	47.315	ug/l	99
4) Vinyl Chloride	2.512	62	253437	50.849	ug/l	93
5) Bromomethane	2.948	94	92435	26.111	ug/l	98
6) Chloroethane	3.118	64	167371	51.972	ug/l	100
7) Trichlorofluoromethane	3.495	101	370508	50.885	ug/l	95
8) Diethyl Ether	3.959	74	146893	55.179	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	199538	49.158	ug/l	92
10) Methyl Iodide	4.583	142	126503	27.920	ug/l	99
11) Tert butyl alcohol	5.524	59	297473	380.346	ug/l	99
12) 1,1-Dichloroethene	4.342	96	297807	75.899	ug/l	90
13) Acrolein	4.177	56	2089	4.983	ug/l #	60
14) Allyl chloride	5.024	41	119415	20.511	ug/l #	86
15) Acrylonitrile	5.712	53	484209	237.053	ug/l	98
16) Acetone	4.424	43	401444	239.899	ug/l	97
17) Carbon Disulfide	4.712	76	301871	27.583	ug/l	96
18) Methyl Acetate	5.030	43	943	0.231	ug/l #	64
19) Methyl tert-butyl Ether	5.795	73	751855	55.947	ug/l	95
20) Methylene Chloride	5.277	84	258588	59.918	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	220738	50.423	ug/l	91
22) Diisopropyl ether	6.671	45	695118	52.634	ug/l #	95
23) Vinyl Acetate	6.671	43	365823	34.141	ug/l #	78
24) 1,1-Dichloroethane	6.565	63	409286	53.598	ug/l	96
25) 2-Butanone	7.483	43	715927	264.824	ug/l	94
26) 2,2-Dichloropropane	7.494	77	342125	47.816	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	265137	52.129	ug/l	87
28) Bromochloromethane	7.818	49	178898	56.510	ug/l #	65
29) Tetrahydrofuran	7.836	42	516363	286.128	ug/l #	87
30) Chloroform	7.965	83	439692	54.163	ug/l	99
31) Cyclohexane	8.259	56	342552	46.649	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	378888	51.248	ug/l	94
36) 1,1-Dichloropropene	8.371	75	302839	48.802	ug/l	95
37) Ethyl Acetate	7.483	43	715927	127.832	ug/l #	35
38) Carbon Tetrachloride	8.365	117	283113	45.094	ug/l	97
39) Methylcyclohexane	9.606	83	350662	48.475	ug/l	86
40) Benzene	8.606	78	959983	53.446	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	180053	56.489	ug/l	95
42) 1,2-Dichloroethane	8.671	62	331647	52.923	ug/l	98
43) Isopropyl Acetate	8.688	43	24634	2.515	ug/l #	57
44) Trichloroethene	9.353	130	447428	93.525	ug/l	95
45) 1,2-Dichloropropane	9.624	63	242912	54.064	ug/l	98
46) Dibromomethane	9.712	93	176079	53.786	ug/l #	90
47) Bromodichloromethane	9.888	83	255511	41.210	ug/l #	95
48) Methyl methacrylate	9.618	41	276604	60.689	ug/l #	57
49) 1,4-Dioxane	9.694	88	104134	1251.655	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1628112	288.951	ug/l	94
52) Toluene	10.635	92	609914	53.637	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	261067	37.890	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	149436	20.074	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	104700	23.939	ug/l	92
57) 1,3-Dichloropropane	11.165	76	418207	55.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	906532	270.302	ug/l #	88
59) 2-Hexanone	11.194	43	1200975	268.849	ug/l	94
60) Dibromochloromethane	11.359	129	206784	44.506	ug/l	98
61) 1,2-Dibromoethane	11.471	107	252243	54.846	ug/l	99
64) Tetrachloroethene	11.106	164	330974	83.833	ug/l	95
65) Chlorobenzene	11.894	112	644604	51.487	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	210367	46.782	ug/l	97
67) Ethyl Benzene	11.965	91	1141956	50.974	ug/l	98
68) m/p-Xylenes	12.071	106	877303	102.166	ug/l	96
69) o-Xylene	12.400	106	435186	51.126	ug/l	96
70) Styrene	12.412	104	734228	54.435	ug/l	96
71) Bromoform	12.582	173	144988	50.821	ug/l #	95
73) Isopropylbenzene	12.694	105	1108838	46.893	ug/l	97
74) N-amyl acetate	12.453	43	2127	0.213	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	13.000	83	8940	1.345	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	361987	58.950	ug/l	76
77) Bromobenzene	12.982	156	257643	48.866	ug/l	71
78) n-propylbenzene	13.035	91	1305667	47.965	ug/l	96
79) 2-Chlorotoluene	13.129	91	786018	47.076	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	940397	49.050	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.694	75	13906	5.829	ug/l #	1
82) 4-Chlorotoluene	13.223	91	787692	48.248	ug/l	94
83) tert-Butylbenzene	13.441	119	797763	48.122	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	957831	50.136	ug/l	96
85) sec-Butylbenzene	13.618	105	1148038	49.814	ug/l	93
86) p-Isopropyltoluene	13.729	119	943380	49.281	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	485335	48.718	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	482675	49.309	ug/l	96
89) n-Butylbenzene	14.059	91	825976	49.527	ug/l	97
90) Hexachloroethane	14.335	117	141220	44.630	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	471178	49.039	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32641	23.611	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	276904	51.658	ug/l	98
94) Hexachlorobutadiene	15.500	225	93749	46.895	ug/l	98
95) Naphthalene	15.641	128	1040561	52.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	279812	52.620	ug/l	99

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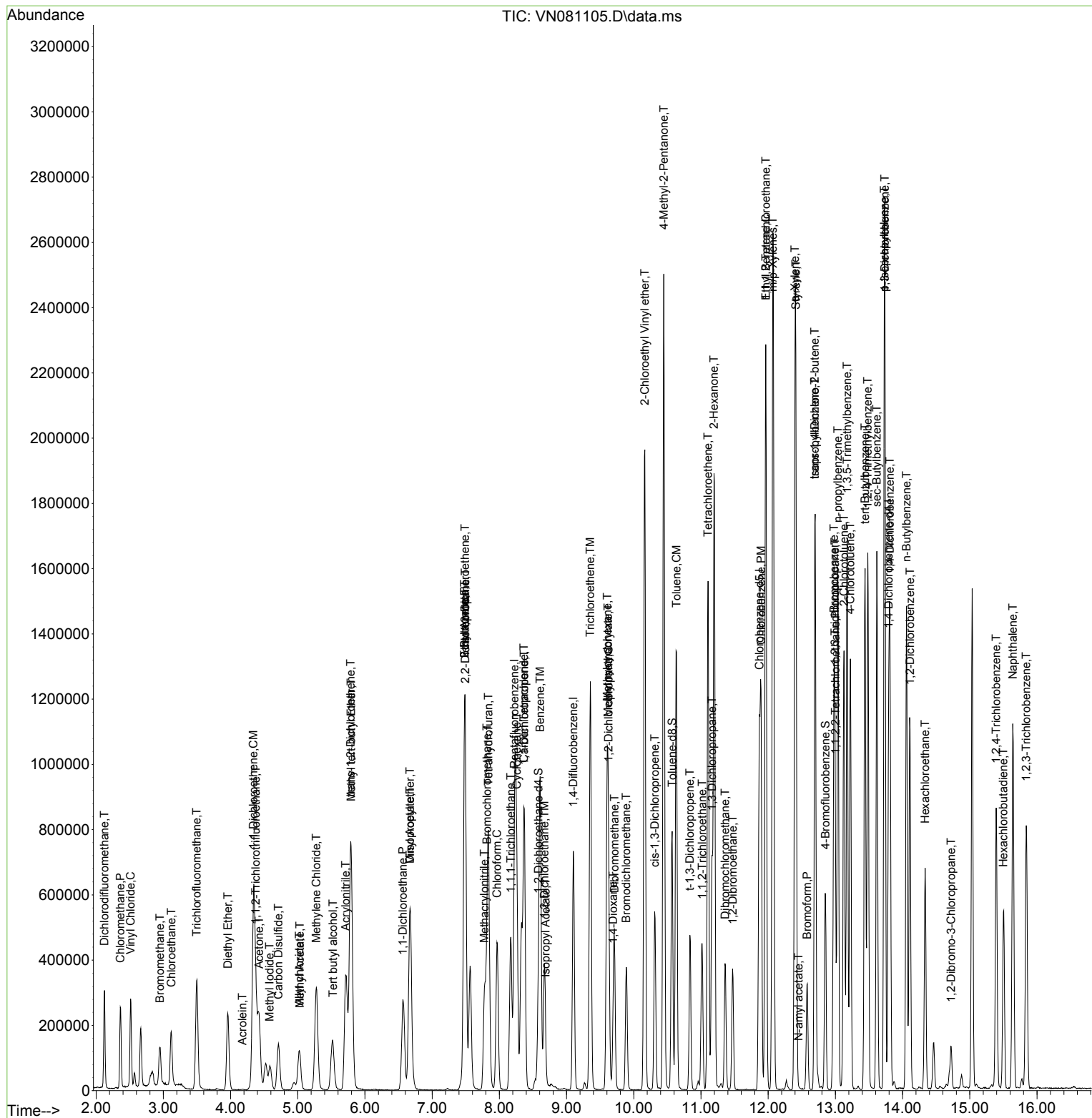
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

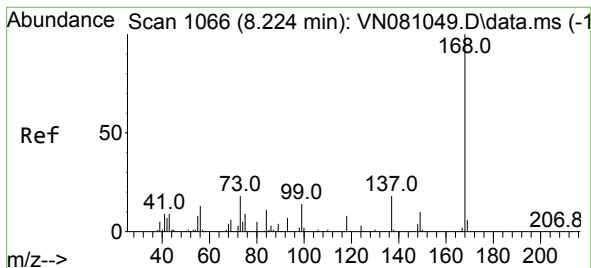
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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MSVOA_N

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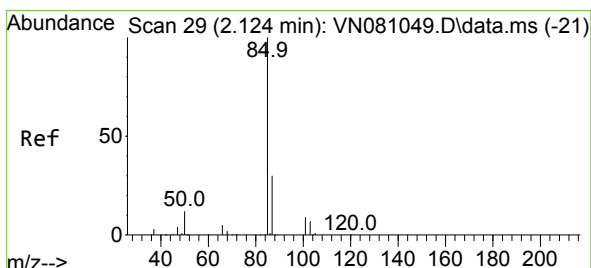
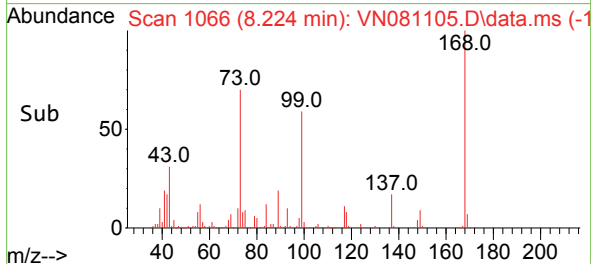
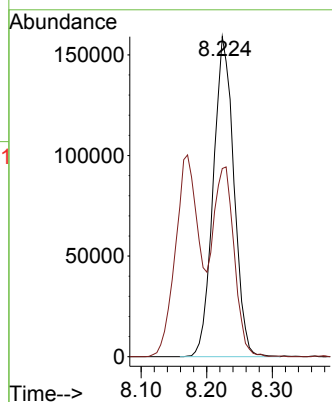
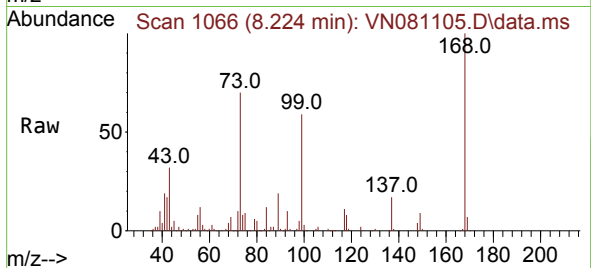
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:168 Resp: 346965

Ion Ratio Lower Upper

168 100

99 58.6 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 51.762 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081105.D

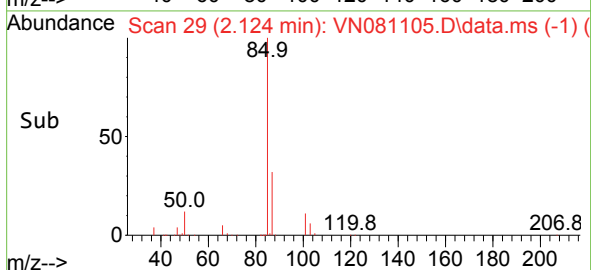
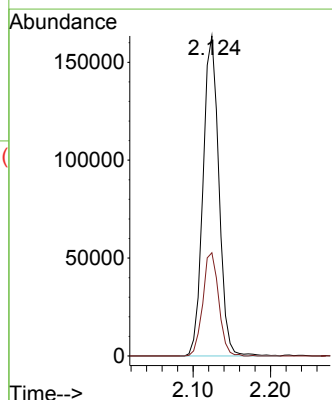
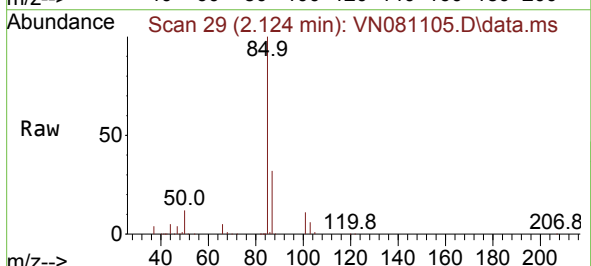
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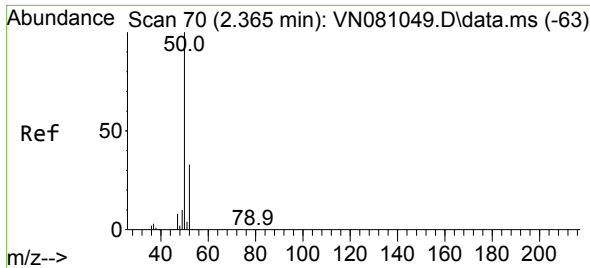
Tgt Ion: 85 Resp: 232260

Ion Ratio Lower Upper

85 100

87 32.3 15.3 45.9

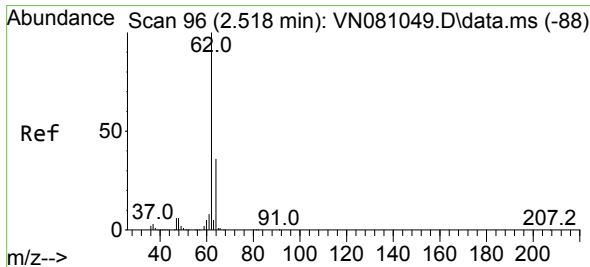
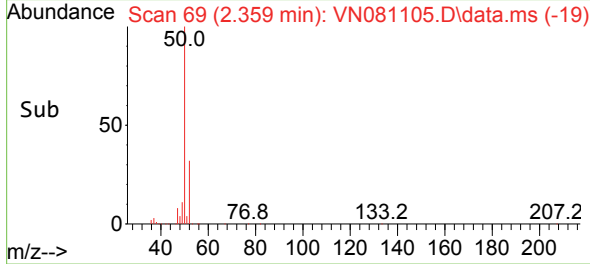
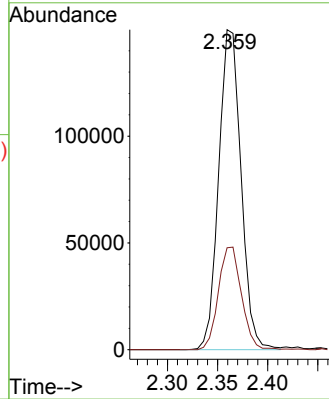
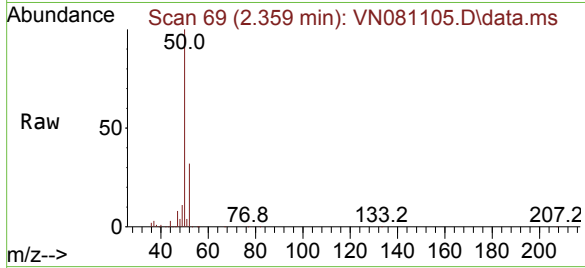




#3
Chloromethane
Concen: 47.315 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081105.D
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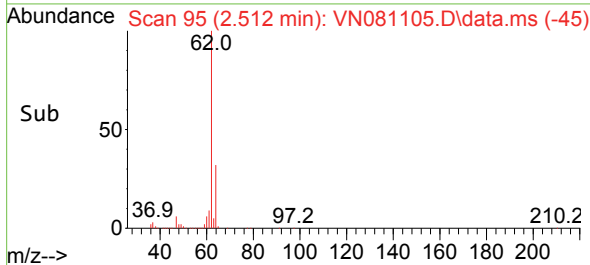
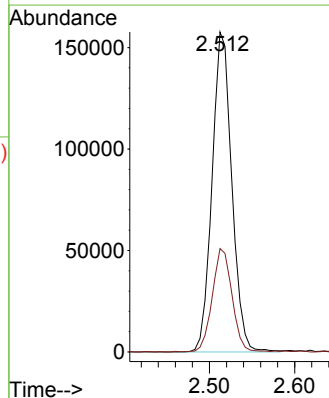
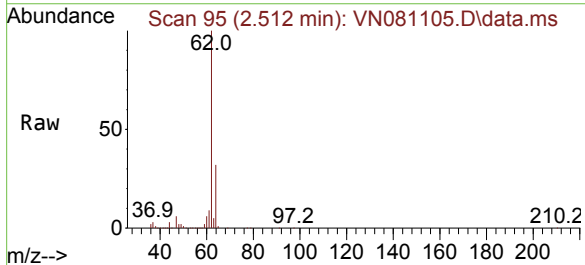
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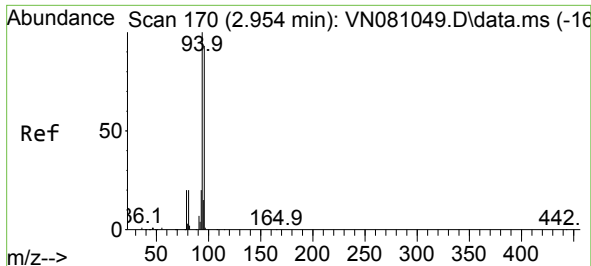
Tgt Ion: 50 Resp: 231979
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4



#4
Vinyl Chloride
Concen: 50.849 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
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Tgt Ion: 62 Resp: 253437
Ion Ratio Lower Upper
62 100
64 32.2 22.7 34.1

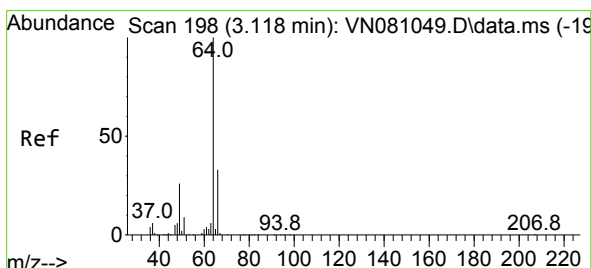
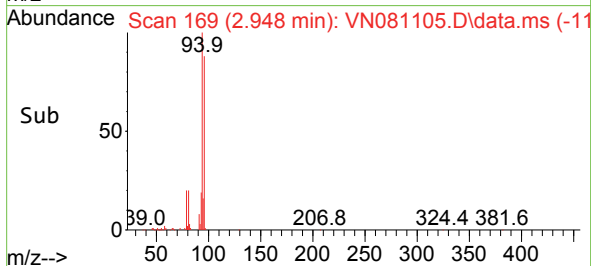
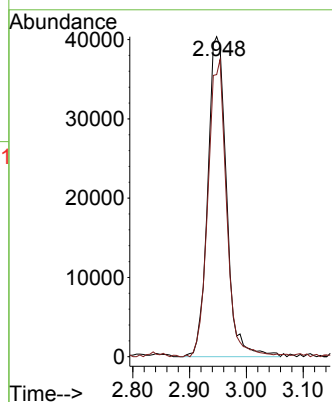
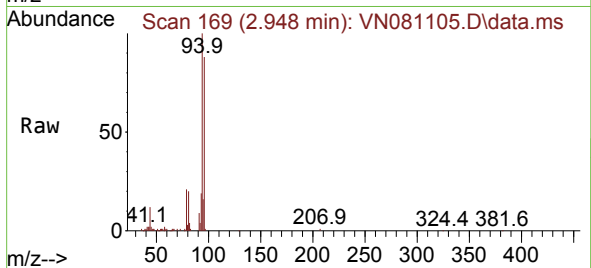




#5
Bromomethane
Concen: 26.111 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN081105.D
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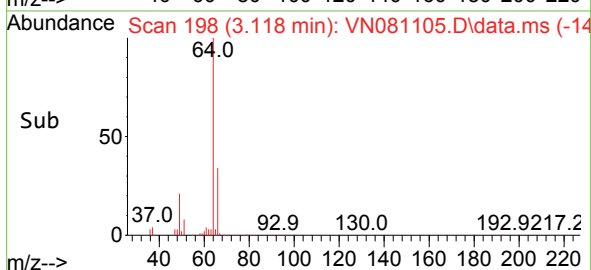
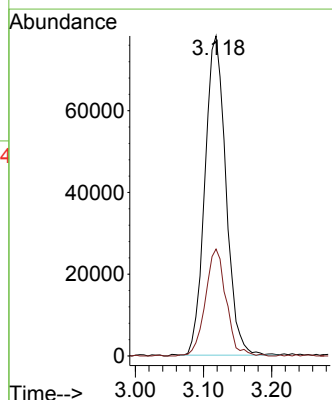
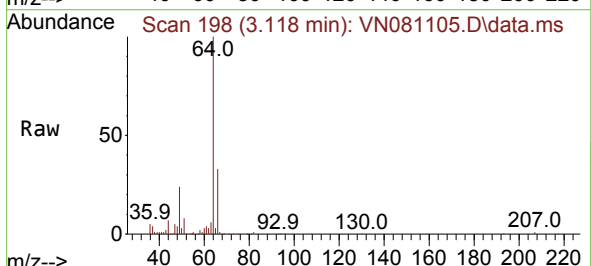
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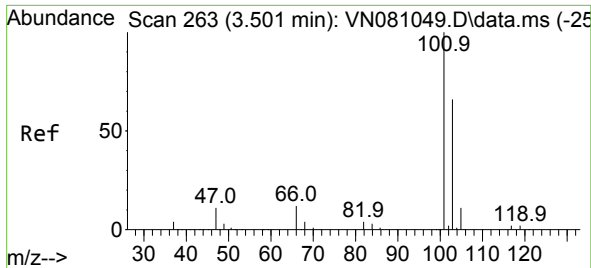
Tgt Ion: 94 Resp: 92435
Ion Ratio Lower Upper
94 100
96 88.1 69.2 103.8



#6
Chloroethane
Concen: 51.972 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081105.D
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Tgt Ion: 64 Resp: 167371
Ion Ratio Lower Upper
64 100
66 33.2 26.4 39.6

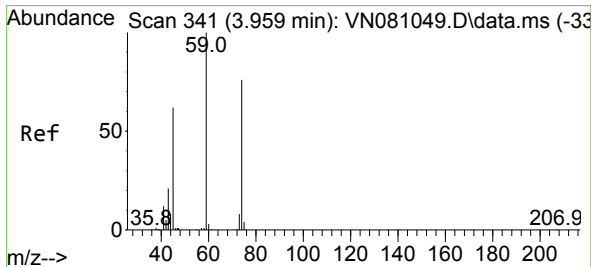
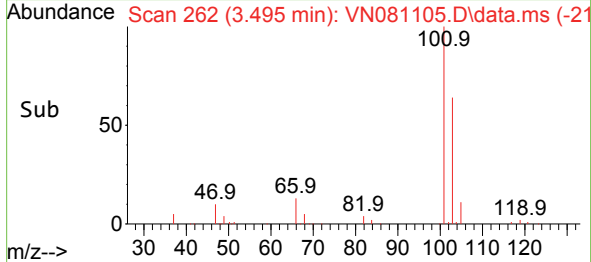
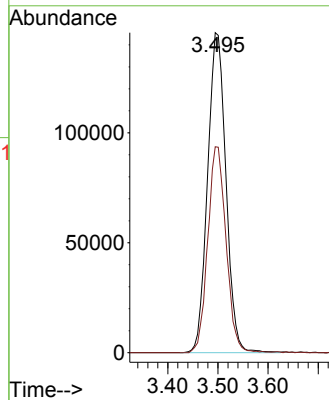
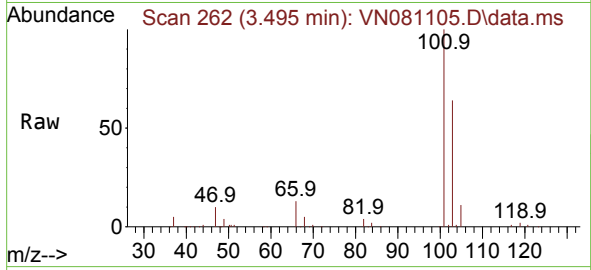




#7
Trichlorofluoromethane
Concen: 50.885 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

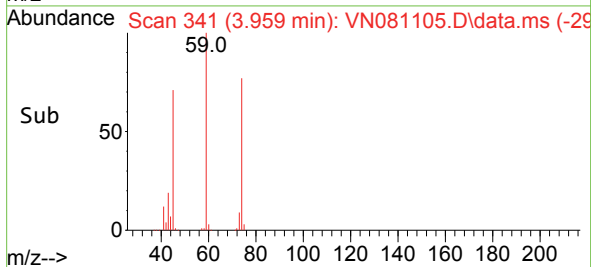
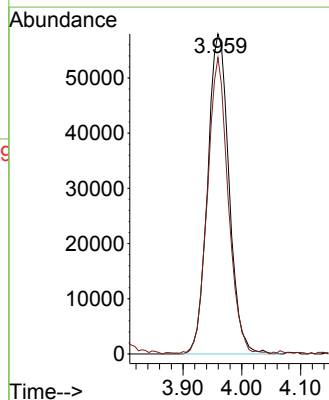
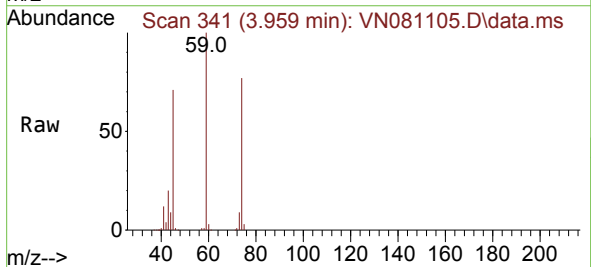
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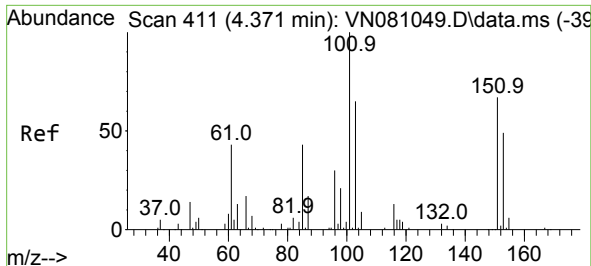
Tgt Ion:101 Resp: 370508
Ion Ratio Lower Upper
101 100
103 64.3 54.4 81.6



#8
Diethyl Ether
Concen: 55.179 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 74 Resp: 146893
Ion Ratio Lower Upper
74 100
45 89.8 53.3 159.9

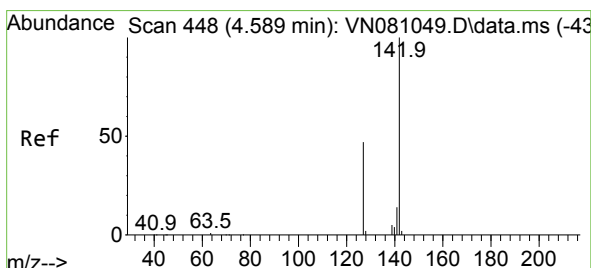
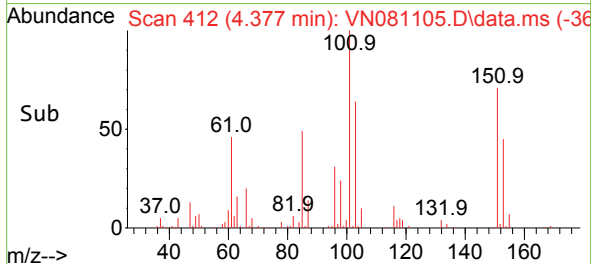
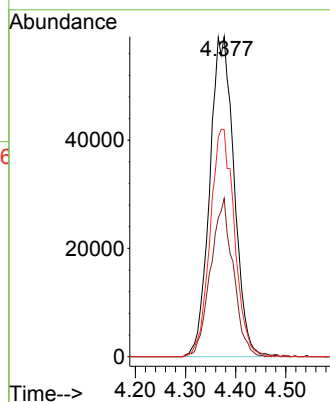
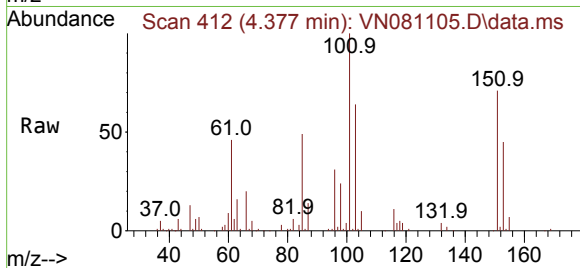




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.158 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

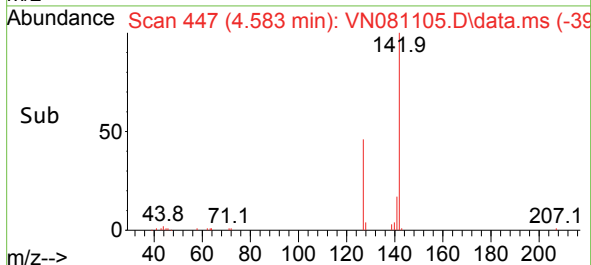
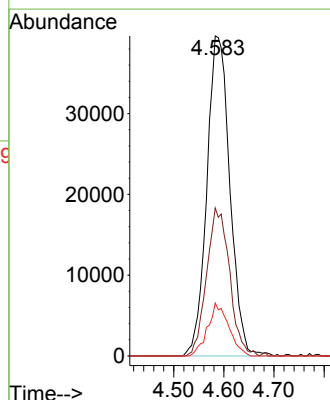
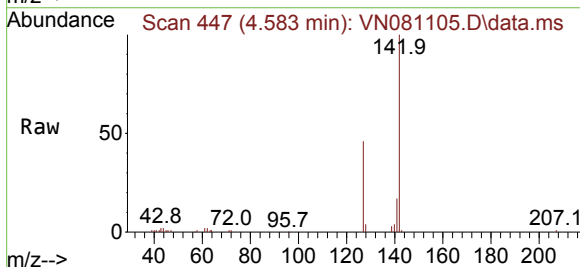
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

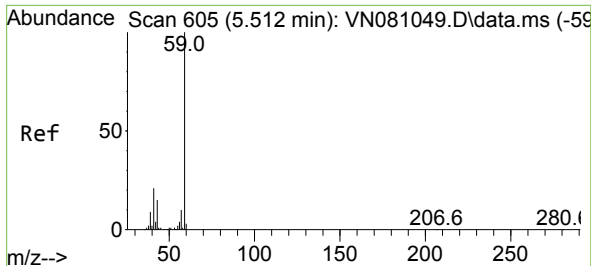
Tgt Ion:101 Resp: 199538
Ion Ratio Lower Upper
101 100
85 45.9 38.1 57.1
151 70.7 49.1 73.7



#10
Methyl Iodide
Concen: 27.920 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion:142 Resp: 126503
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.4
141 16.6 12.5 18.7

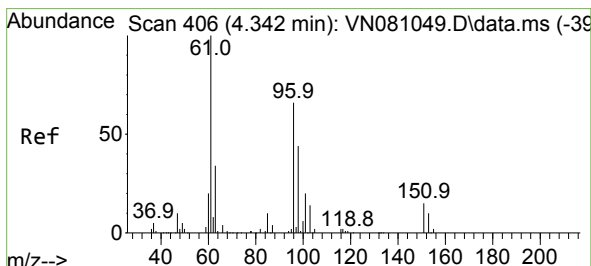
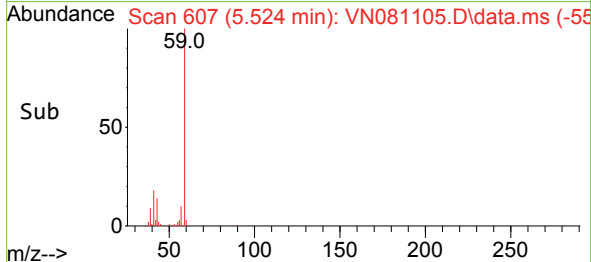
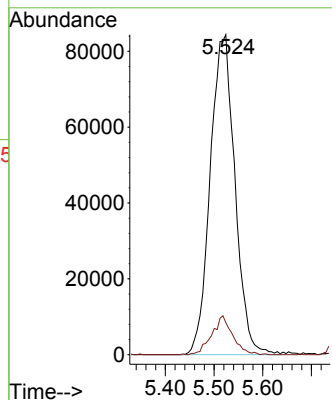
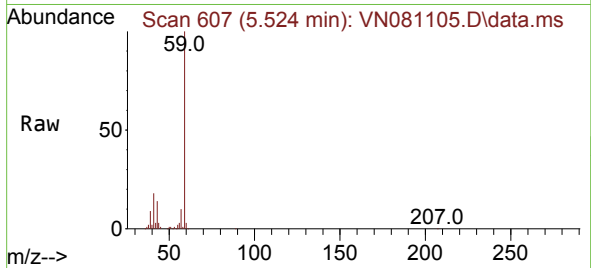




#11
Tert butyl alcohol
Concen: 380.346 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

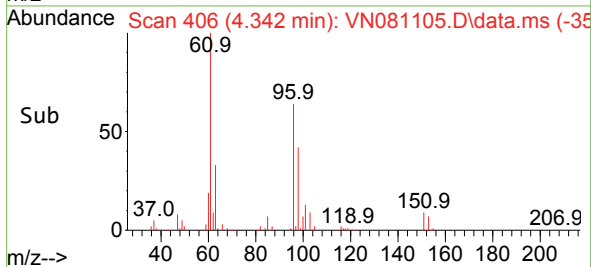
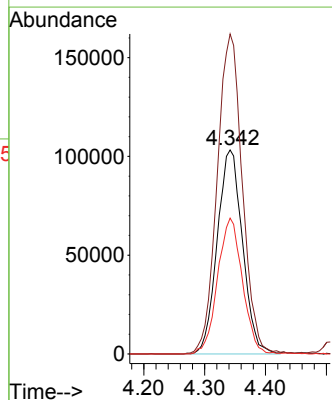
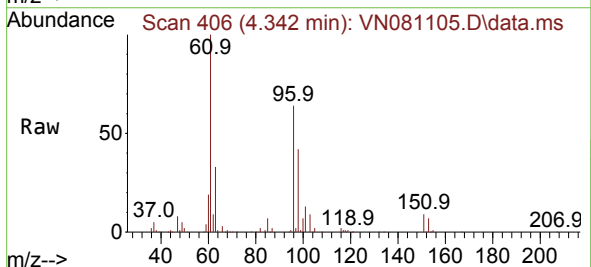
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

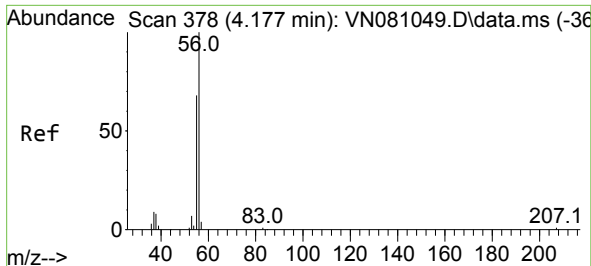
Tgt Ion: 59 Resp: 297473
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 75.899 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 96 Resp: 297807
Ion Ratio Lower Upper
96 100
61 156.9 138.2 207.4
98 66.6 49.2 73.8





#13

Acrolein

Concen: 4.983 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

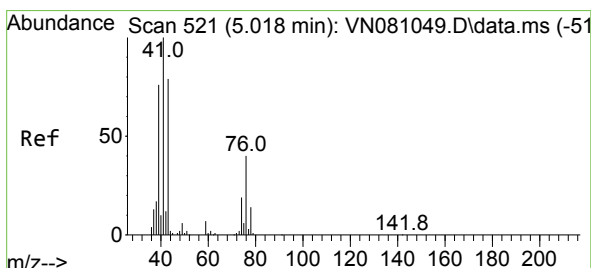
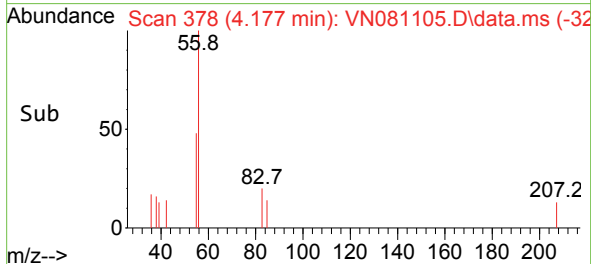
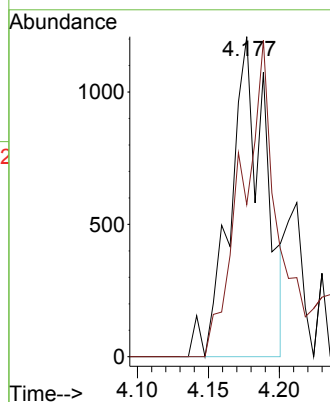
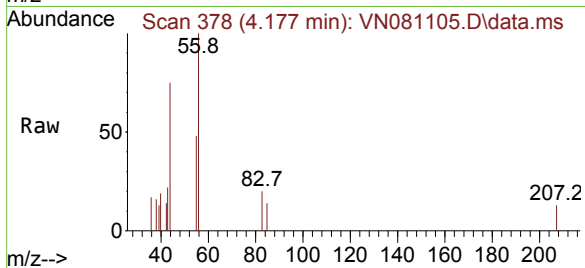
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion: 56 Resp: 2089

Ion Ratio Lower Upper

56 100

55 101.8 55.3 82.9#



#14

Allyl chloride

Concen: 20.511 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

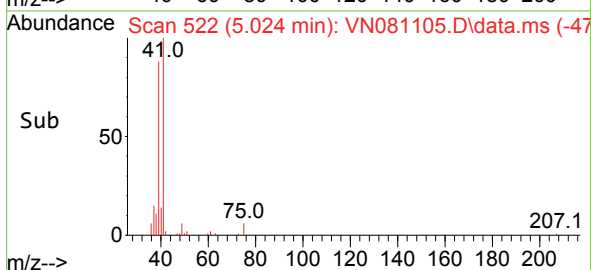
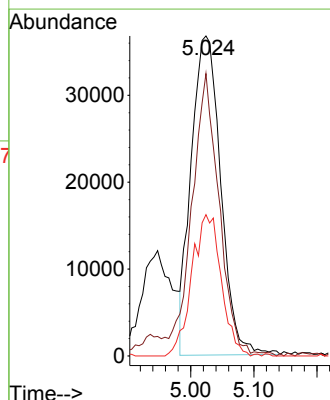
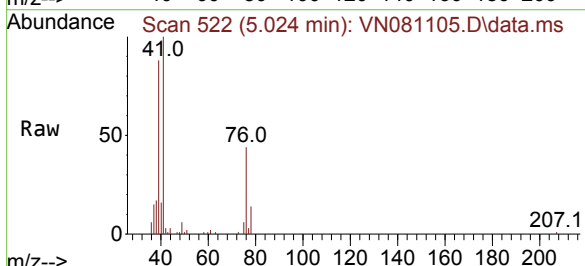
Tgt Ion: 41 Resp: 119415

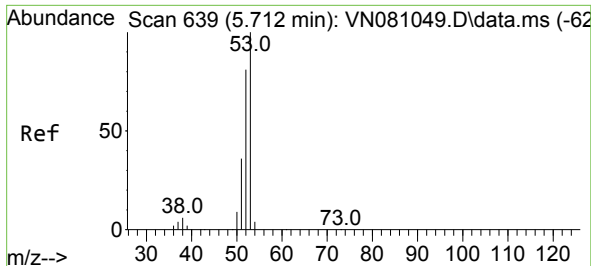
Ion Ratio Lower Upper

41 100

39 81.5 57.7 86.5

76 44.1 26.8 40.2#

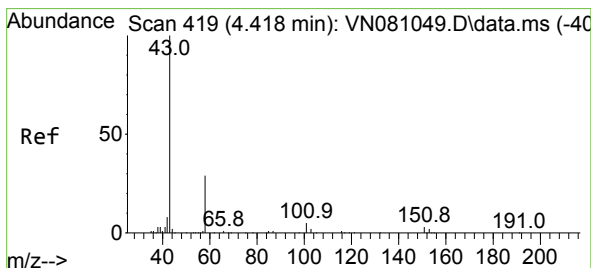
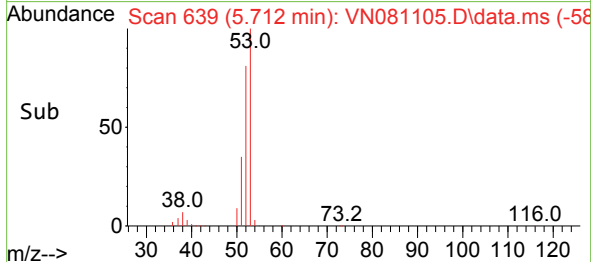
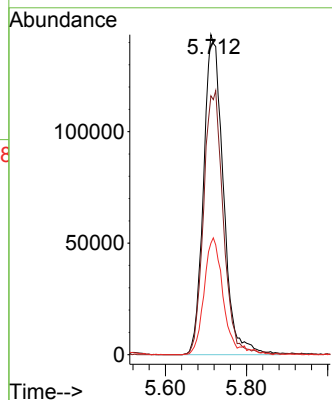
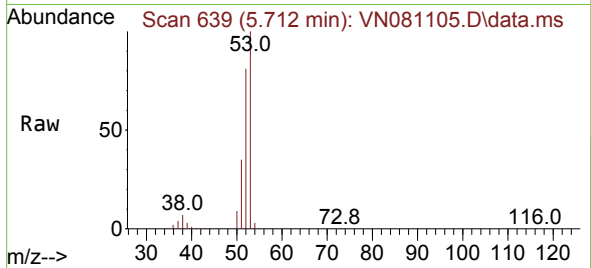




#15
Acrylonitrile
Concen: 237.053 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

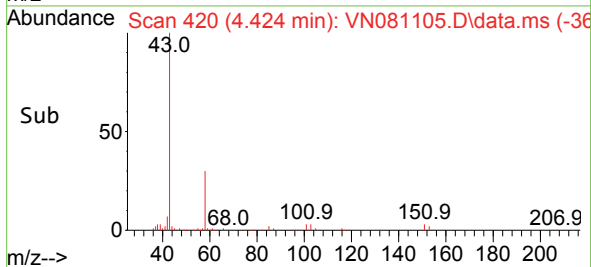
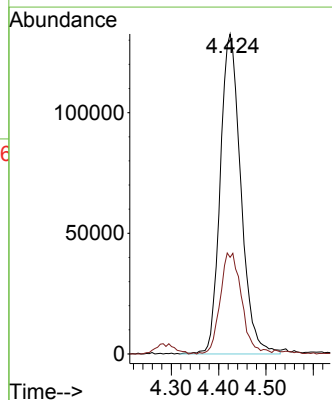
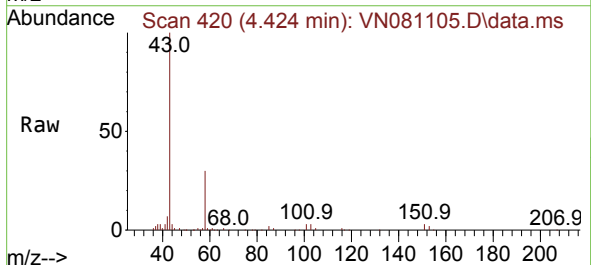
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

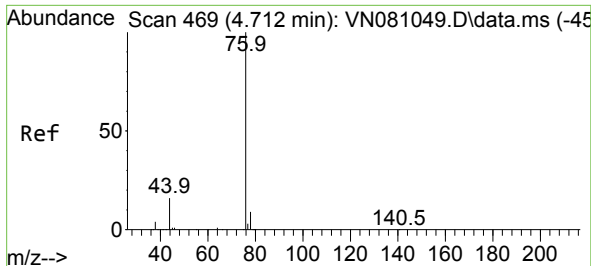
Tgt Ion: 53 Resp: 484209
Ion Ratio Lower Upper
53 100
52 81.9 64.8 97.2
51 36.0 26.9 40.3



#16
Acetone
Concen: 239.899 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 43 Resp: 401444
Ion Ratio Lower Upper
43 100
58 29.5 24.8 37.2

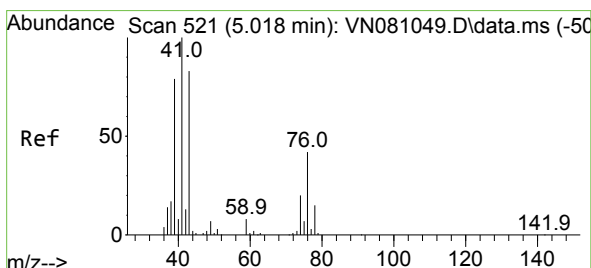
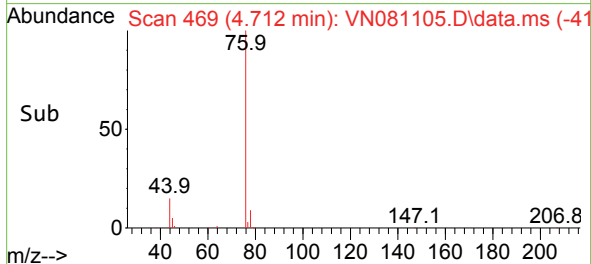
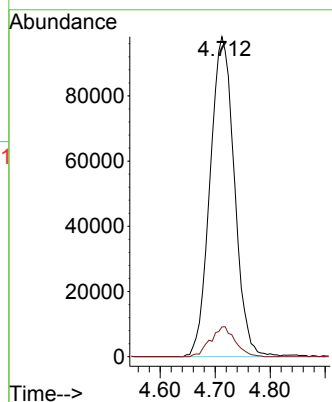
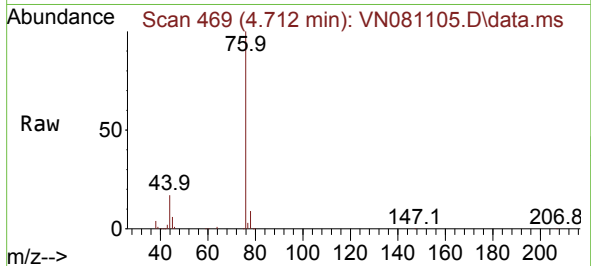




#17
Carbon Disulfide
Concen: 27.583 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

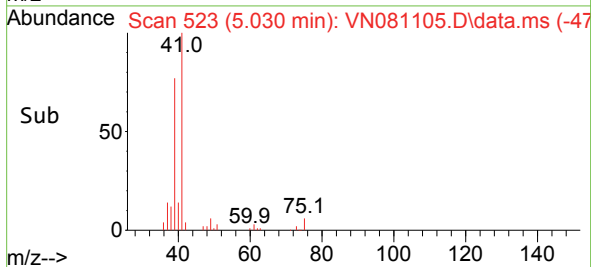
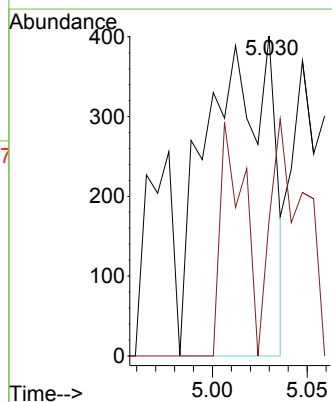
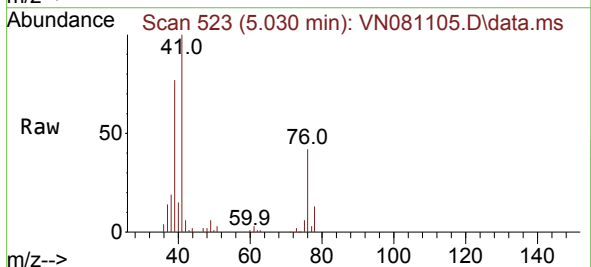
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

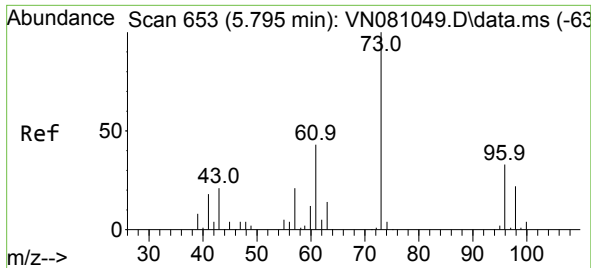
Tgt Ion: 76 Resp: 301871
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5



#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
74 38.7 17.3 25.9#

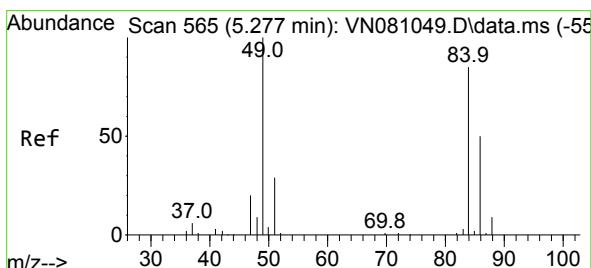
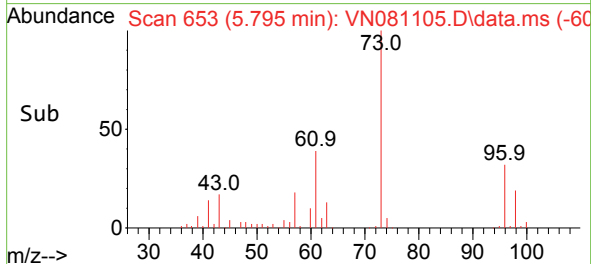
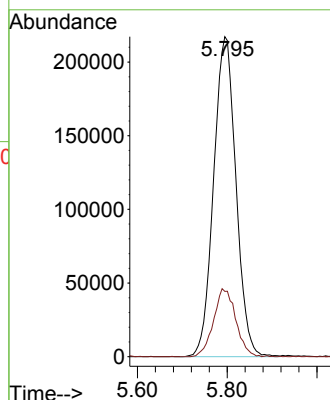
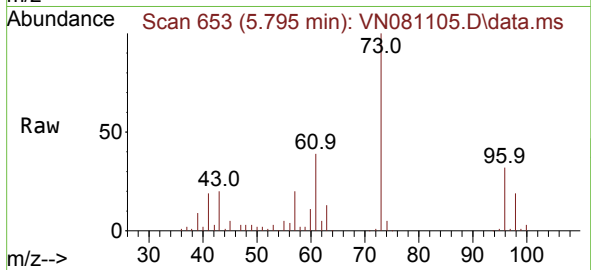




#19
Methyl tert-butyl Ether
Concen: 55.947 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

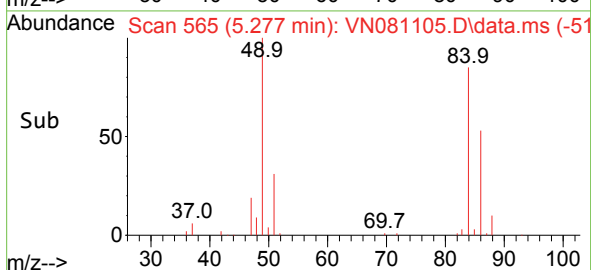
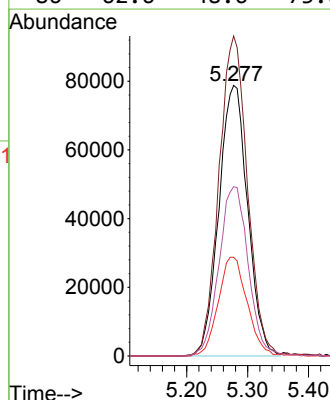
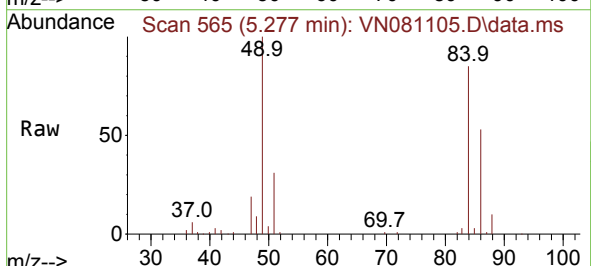
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

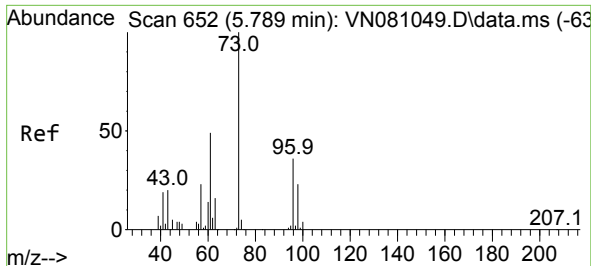
Tgt Ion: 73 Resp: 751855
Ion Ratio Lower Upper
73 100
57 20.4 18.2 27.4



#20
Methylene Chloride
Concen: 59.918 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 84 Resp: 258588
Ion Ratio Lower Upper
84 100
49 118.3 108.1 162.1
51 36.5 32.9 49.3
86 62.6 48.6 73.0

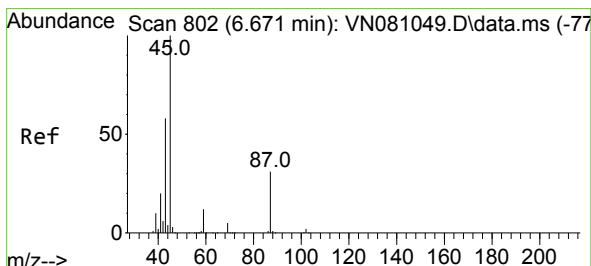
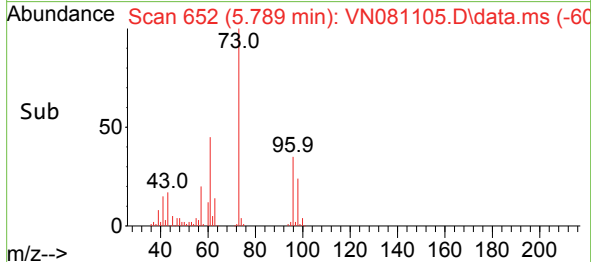
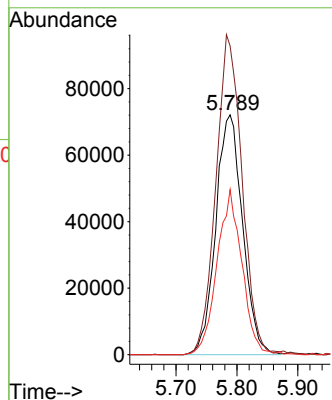
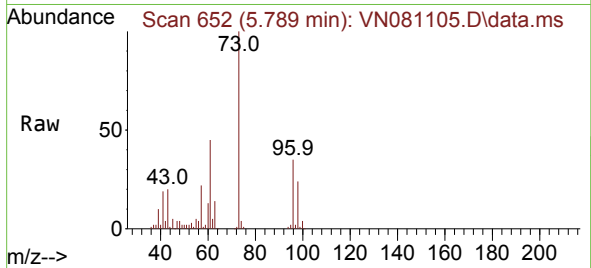




#21
trans-1,2-Dichloroethene
Concen: 50.423 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

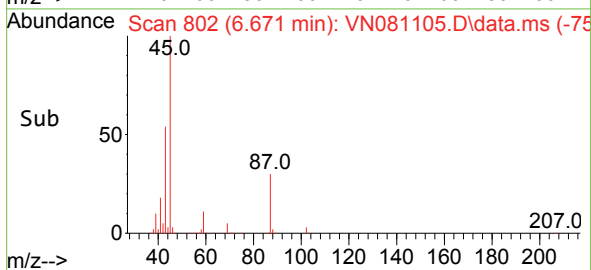
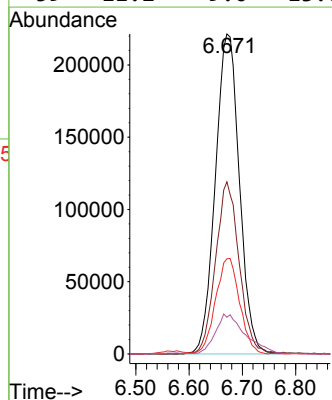
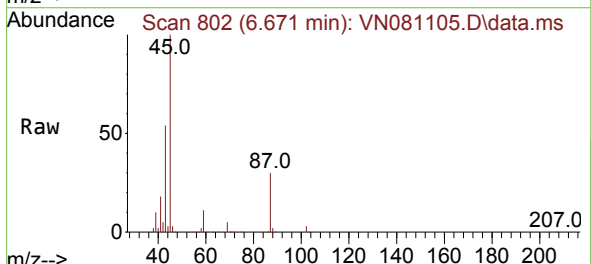
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

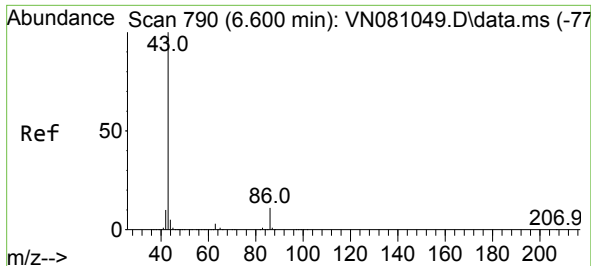
Tgt Ion: 96 Resp: 220738
Ion Ratio Lower Upper
96 100
61 128.7 112.8 169.2
98 68.8 51.0 76.4



#22
Diisopropyl ether
Concen: 52.634 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 45 Resp: 695118
Ion Ratio Lower Upper
45 100
43 53.7 41.8 62.8
87 29.7 18.1 27.1#
59 11.2 9.0 13.6

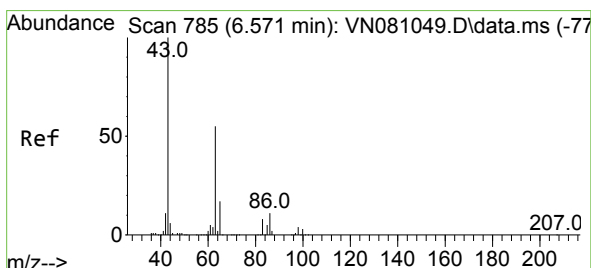
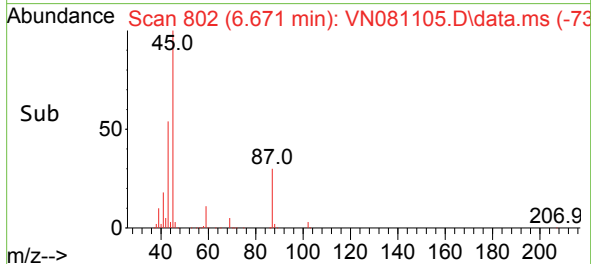
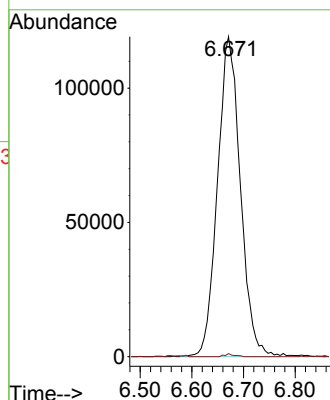
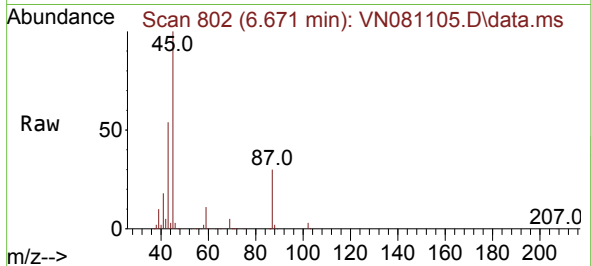




#23
Vinyl Acetate
Concen: 34.141 ug/l
RT: 6.671 min Scan# 80
Delta R.T. 0.071 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

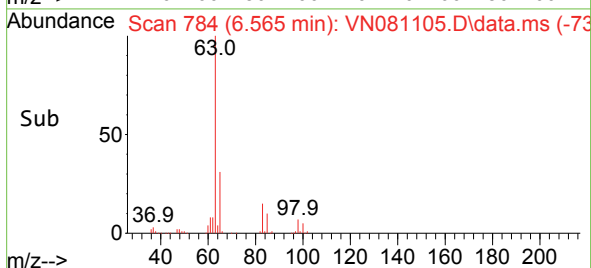
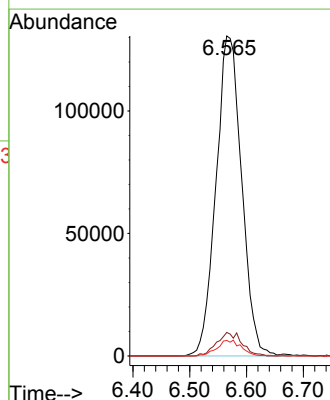
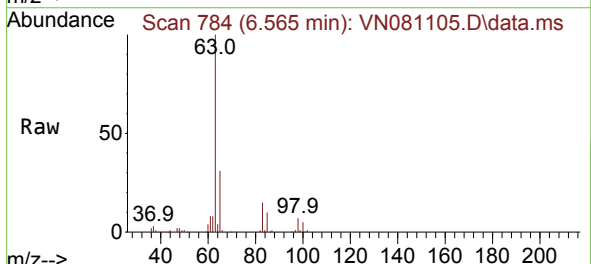
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

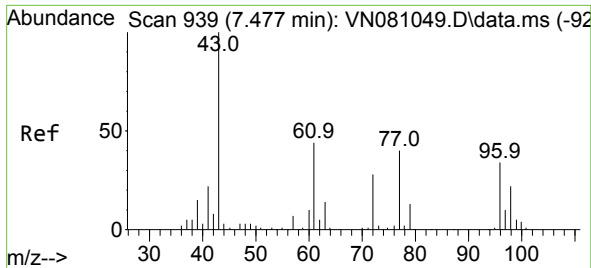
Tgt Ion: 43 Resp: 365823
Ion Ratio Lower Upper
43 100
86 0.9 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 53.598 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 63 Resp: 409286
Ion Ratio Lower Upper
63 100
98 7.4 2.9 8.6
100 4.9 1.9 5.7

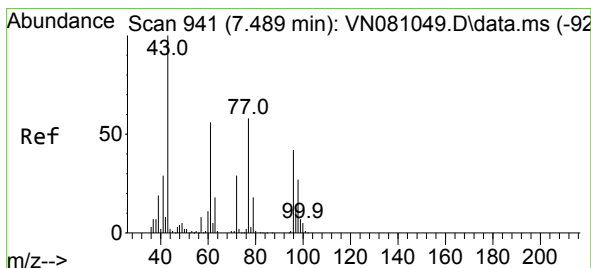
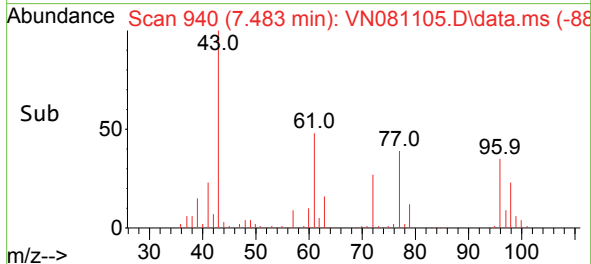
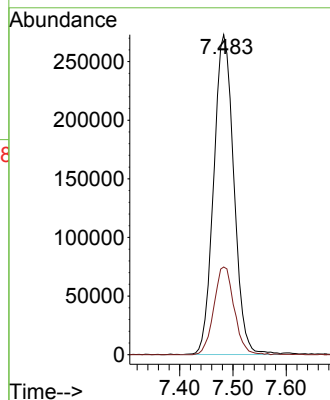
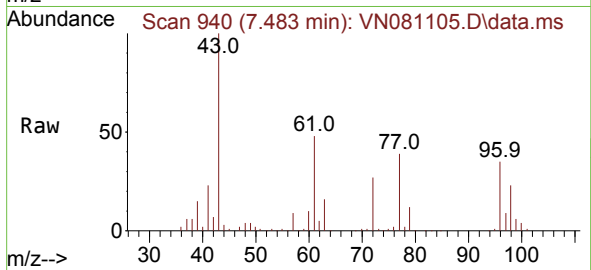




#25
2-Butanone
Concen: 264.824 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

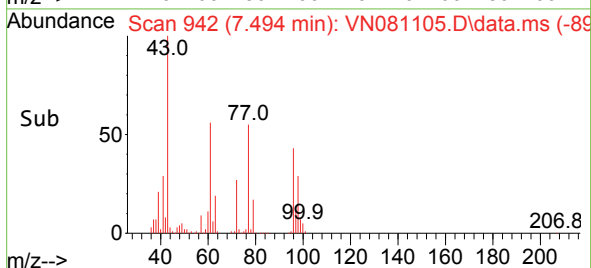
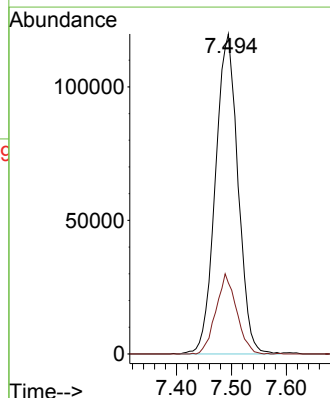
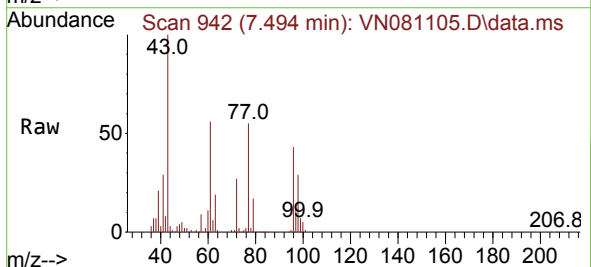
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

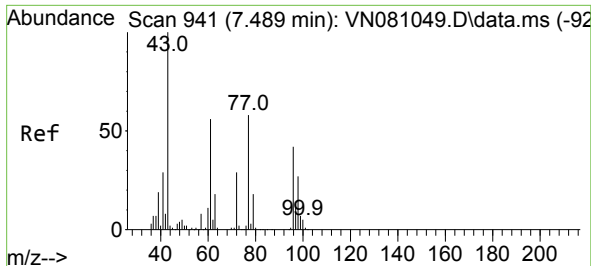
Tgt Ion: 43 Resp: 715927
Ion Ratio Lower Upper
43 100
72 27.4 19.5 29.3



#26
2,2-Dichloropropane
Concen: 47.816 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 77 Resp: 342125
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5

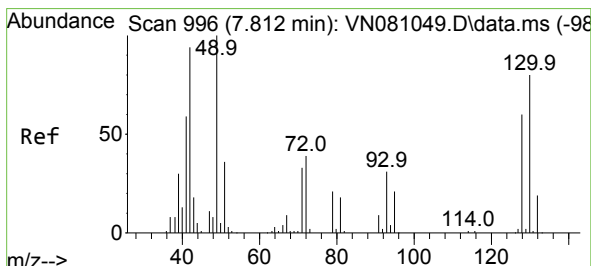
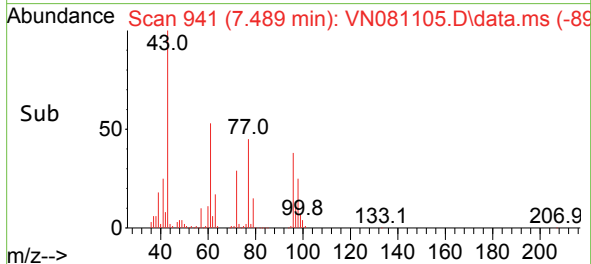
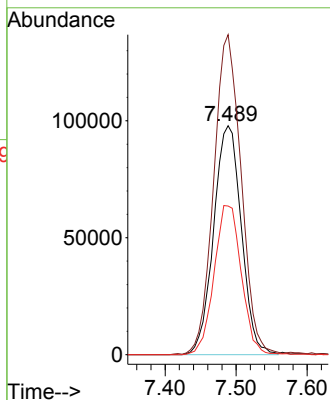
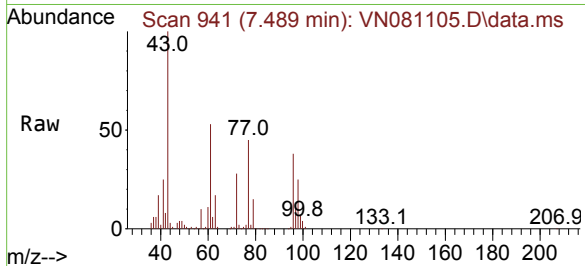




#27
 cis-1,2-Dichloroethene
 Concen: 52.129 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

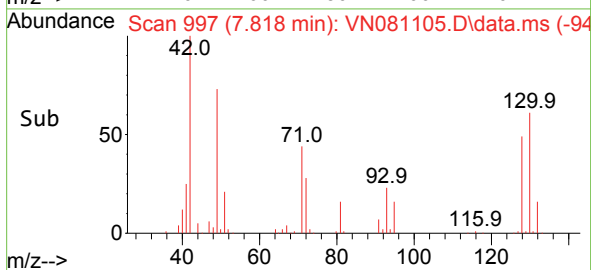
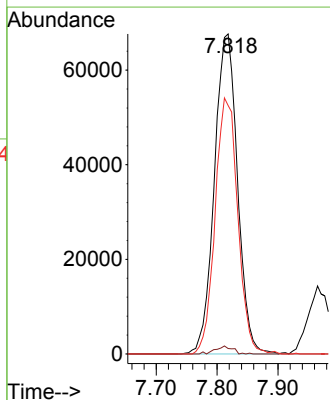
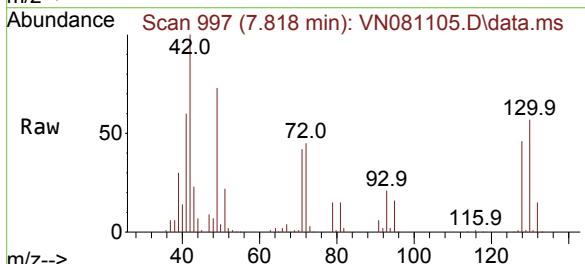
Instrument :
 MSVOA_N
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

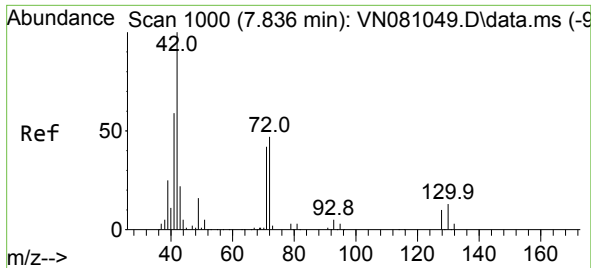
Tgt Ion: 96 Resp: 265137
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 325.4
 98 64.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 56.510 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

Tgt Ion: 49 Resp: 178898
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 1.6#
 130 78.3 42.3 63.5#

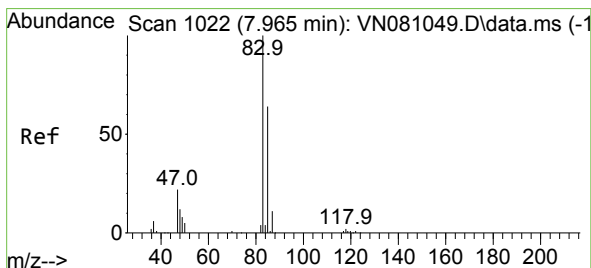
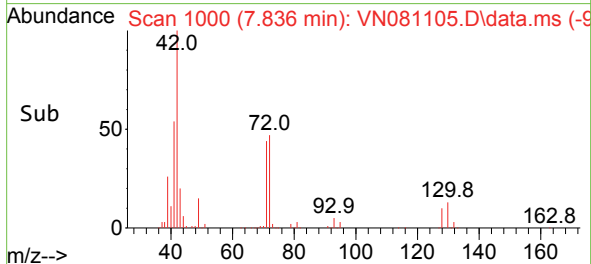
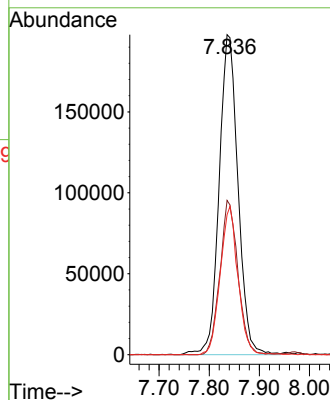
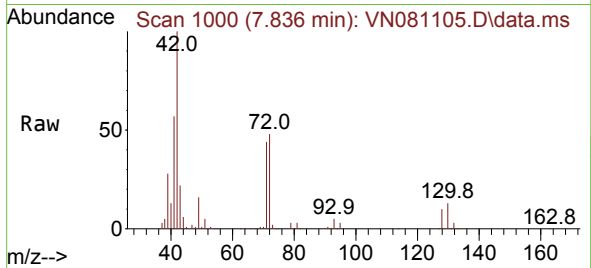




#29
Tetrahydrofuran
Concen: 286.128 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

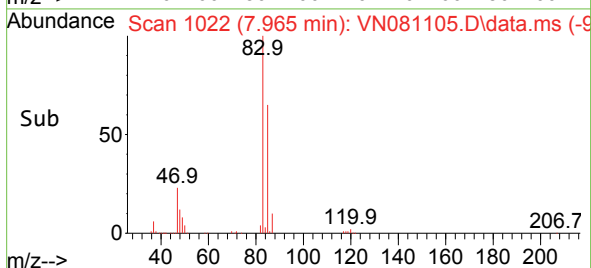
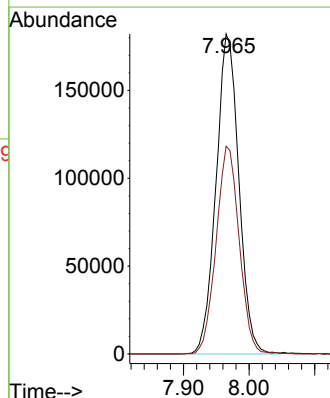
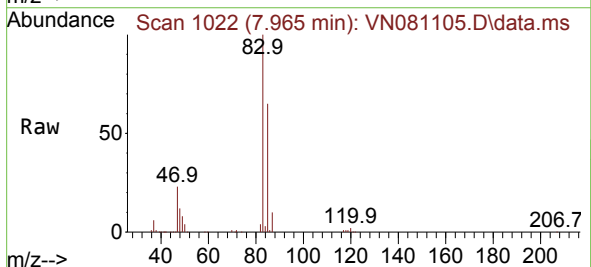
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

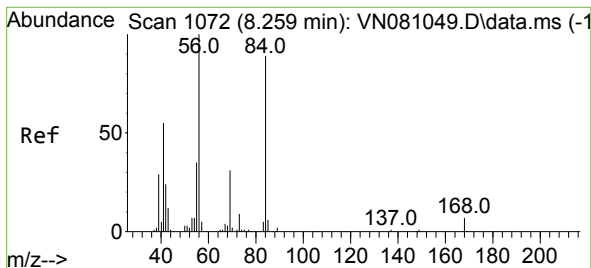
Tgt Ion: 42 Resp: 516363
Ion Ratio Lower Upper
42 100
72 46.2 31.1 46.7
71 43.5 28.3 42.5#



#30
Chloroform
Concen: 54.163 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 83 Resp: 439692
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6





#31

Cyclohexane

Concen: 46.649 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

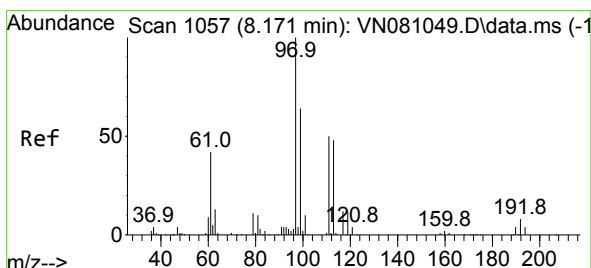
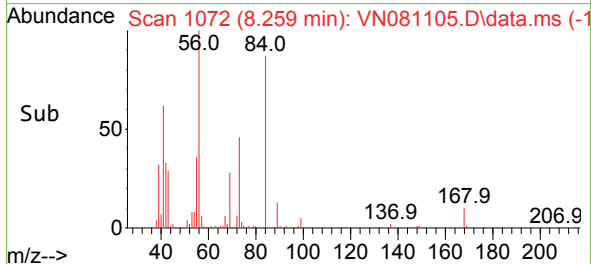
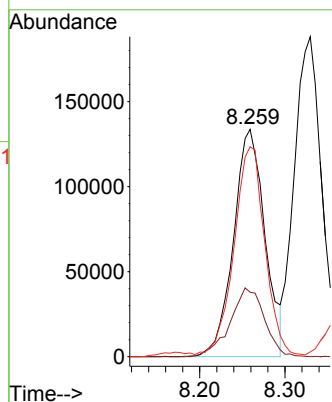
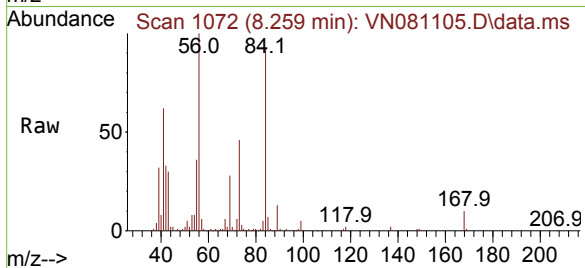
Tgt Ion: 56 Resp: 342552

Ion Ratio Lower Upper

56 100

69 28.3 20.1 30.1

84 90.5 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 51.248 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

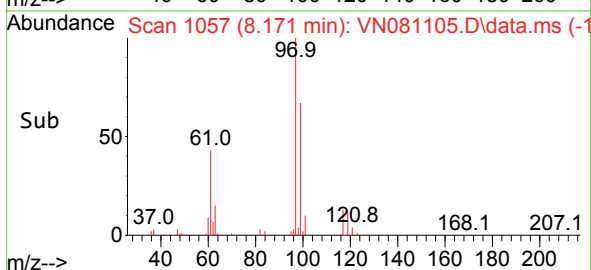
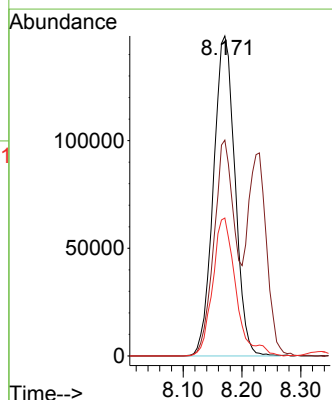
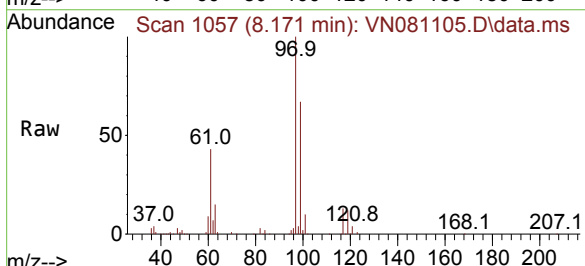
Tgt Ion: 97 Resp: 378888

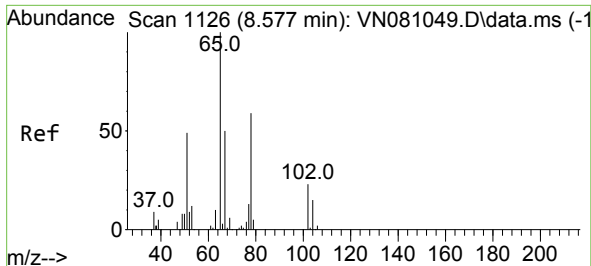
Ion Ratio Lower Upper

97 100

99 67.0 53.4 80.0

61 46.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 45.707 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081105.D

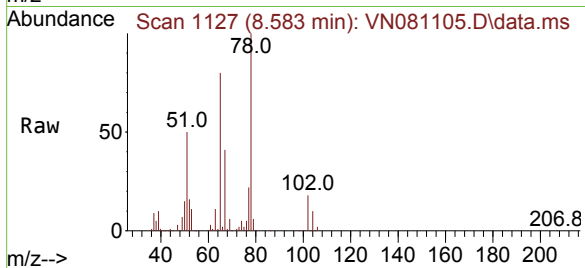
Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

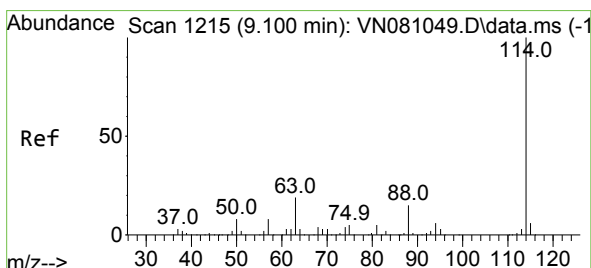
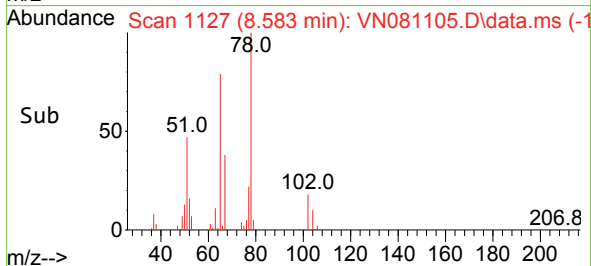
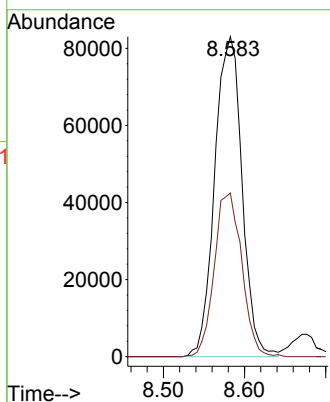


Tgt Ion: 65 Resp: 194383

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

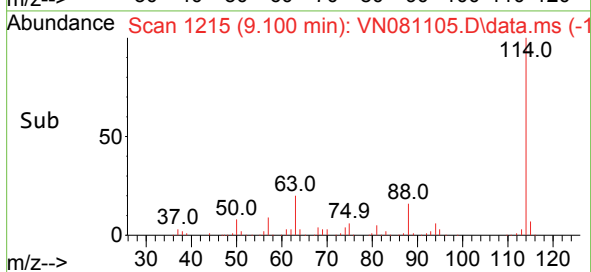
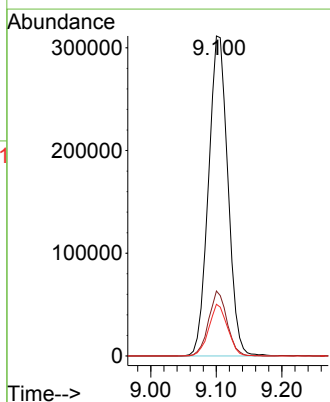
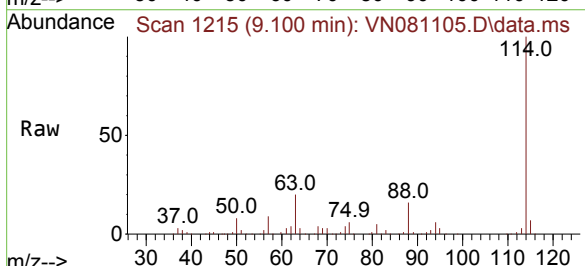
Tgt Ion: 114 Resp: 640556

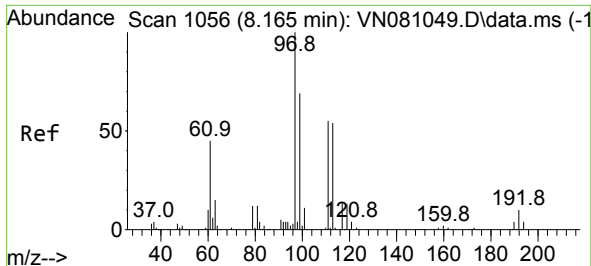
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 16.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.086 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. 0.047 min

Lab File: VN081105.D

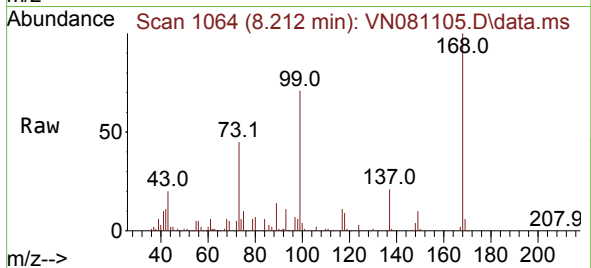
Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



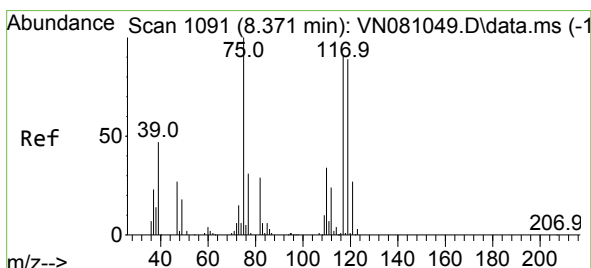
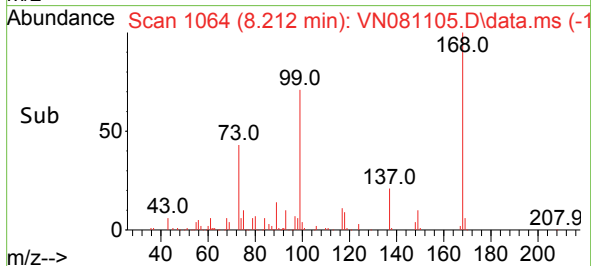
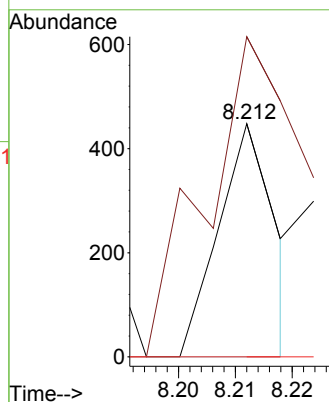
Tgt Ion:113 Resp: 313

Ion Ratio Lower Upper

113 100

111 228.1 82.2 123.4#

192 0.0 12.5 18.7#



#36

1,1-Dichloropropene

Concen: 48.802 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

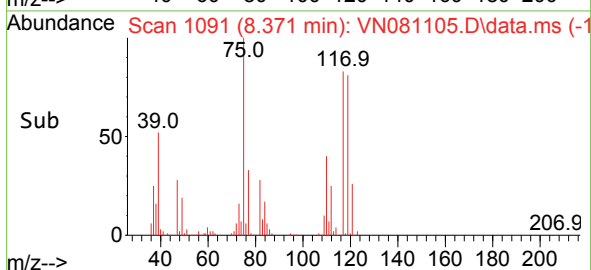
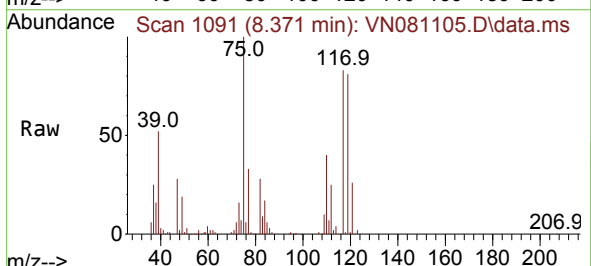
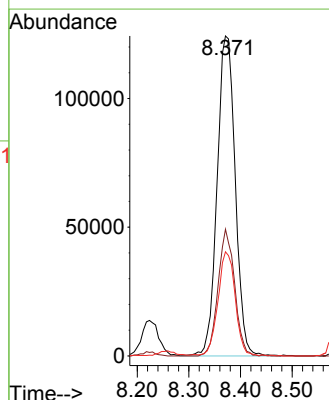
Tgt Ion: 75 Resp: 302839

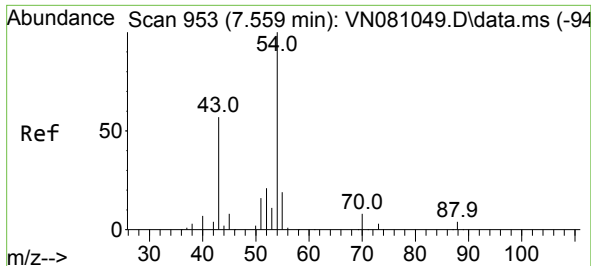
Ion Ratio Lower Upper

75 100

110 36.2 16.0 48.0

77 31.2 25.8 38.6





#37

Ethyl Acetate

Concen: 127.832 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.076 min

Lab File: VN081105.D

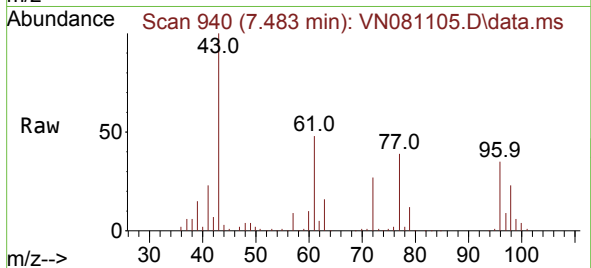
Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

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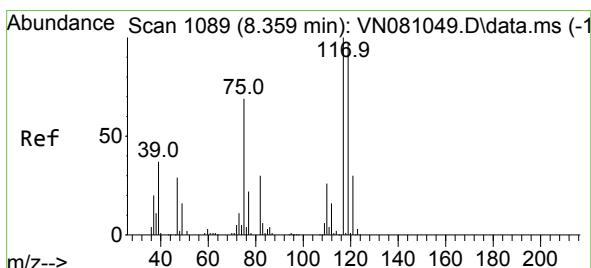
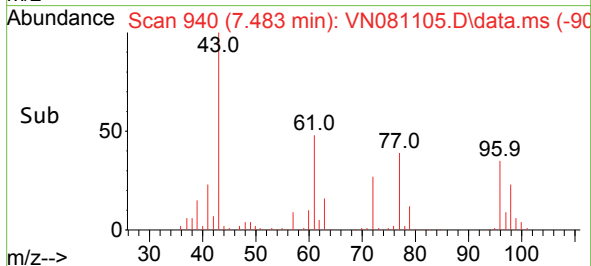
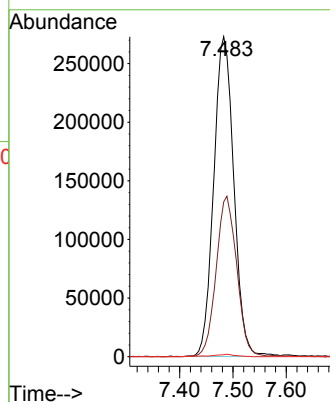
Tgt Ion: 43 Resp: 715927

Ion Ratio Lower Upper

43 100

61 51.2 10.6 15.8#

70 0.7 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 45.094 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

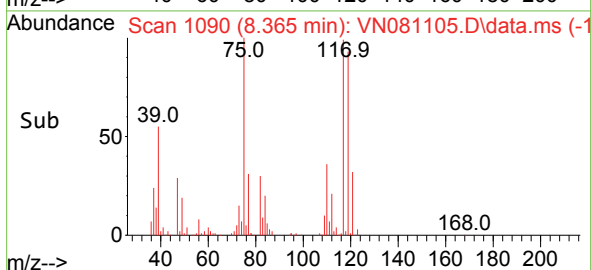
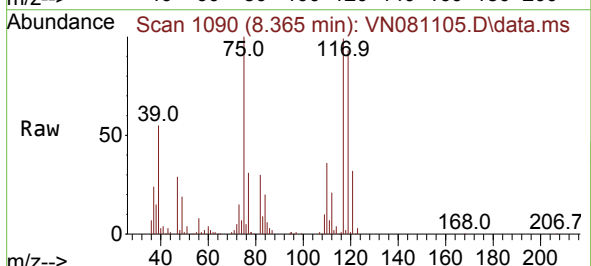
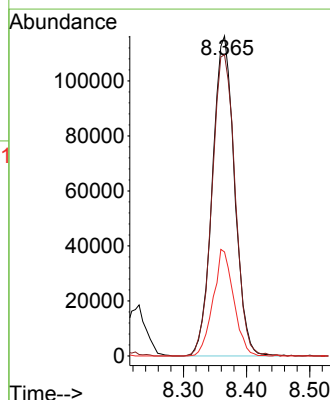
Tgt Ion: 117 Resp: 283113

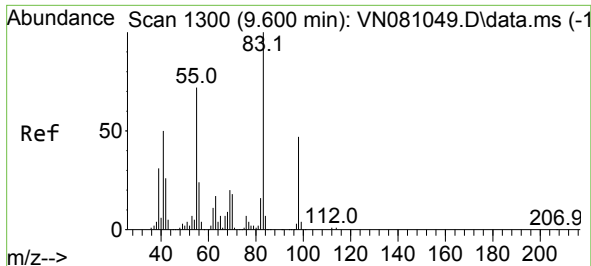
Ion Ratio Lower Upper

117 100

119 94.1 73.4 110.2

121 32.5 24.4 36.6

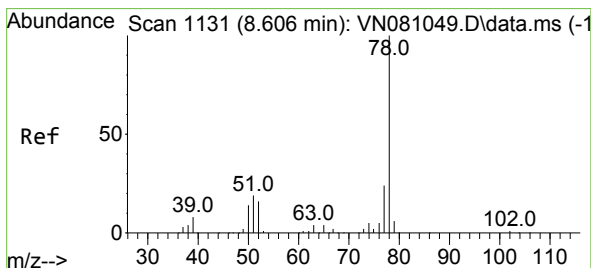
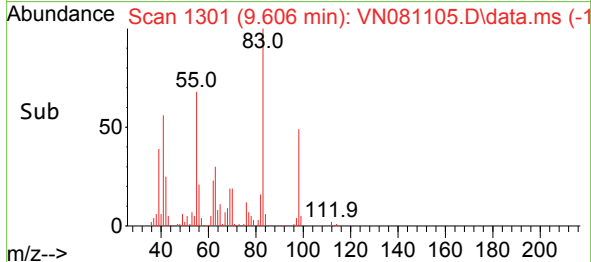
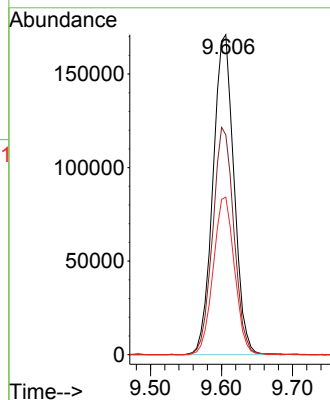
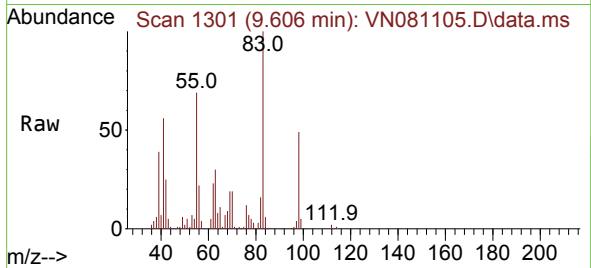




#39
Methylcyclohexane
Concen: 48.475 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

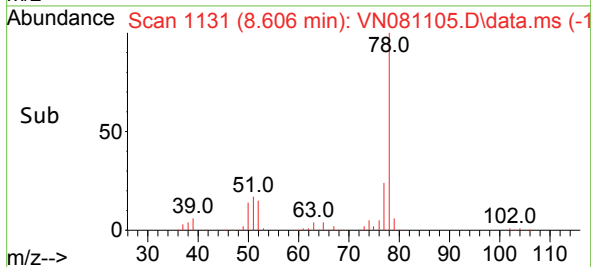
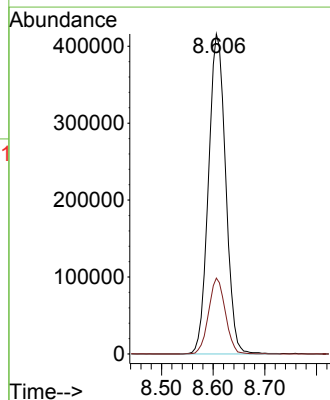
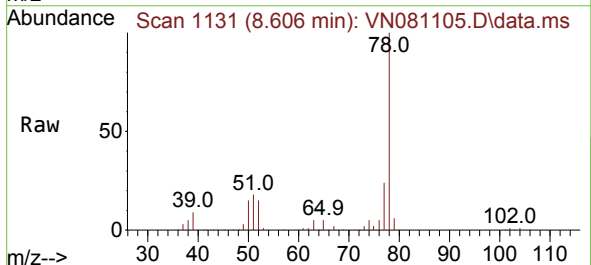
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

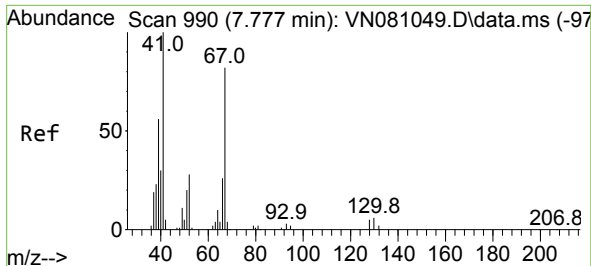
Tgt Ion: 83 Resp: 350662
Ion Ratio Lower Upper
83 100
55 68.7 65.7 98.5
98 49.2 33.8 50.6



#40
Benzene
Concen: 53.446 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 78 Resp: 959983
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6

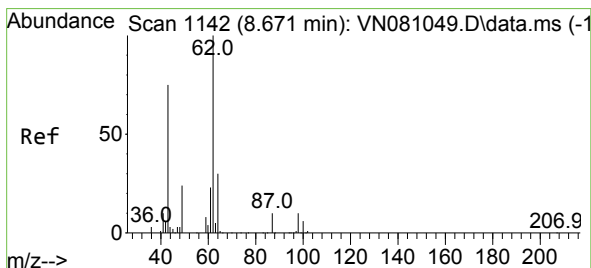
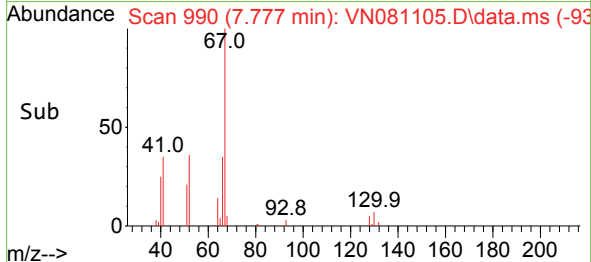
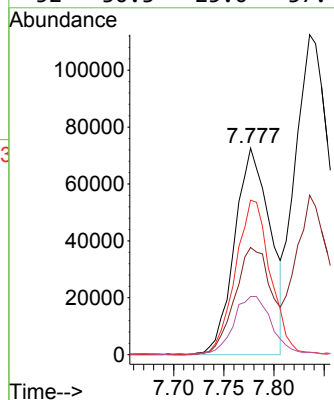
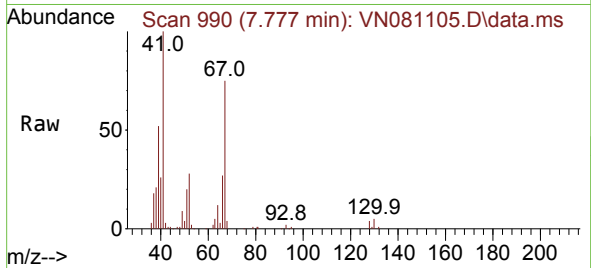




#41
Methacrylonitrile
Concen: 56.489 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

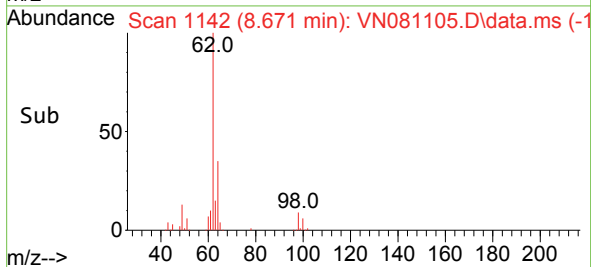
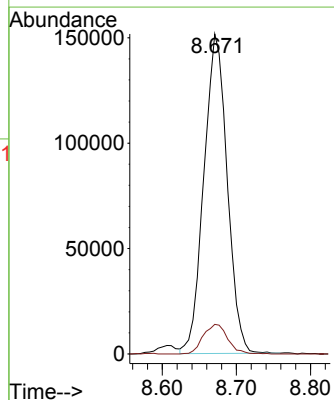
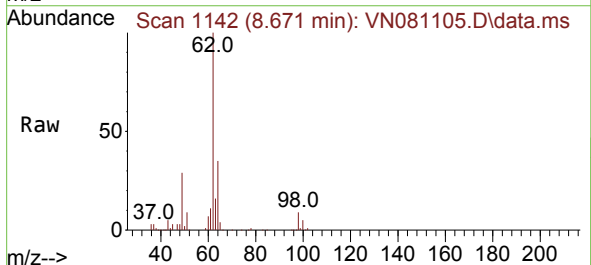
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

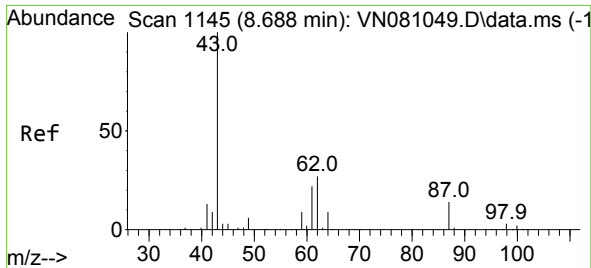
Tgt Ion: 41	Resp: 180053
Ion Ratio	Lower Upper
41 100	
39 53.2	48.4 72.6
67 73.6	56.8 85.2
52 30.3	25.0 37.4



#42
1,2-Dichloroethane
Concen: 52.923 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 62	Resp: 331647
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 18.0

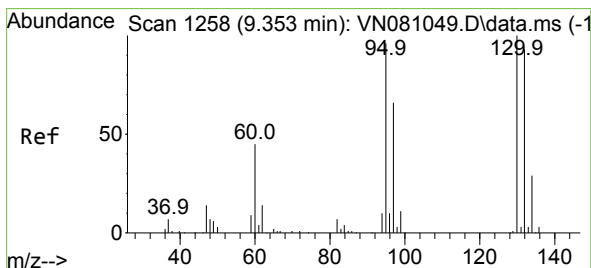
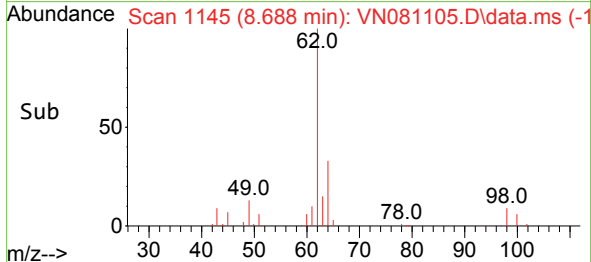
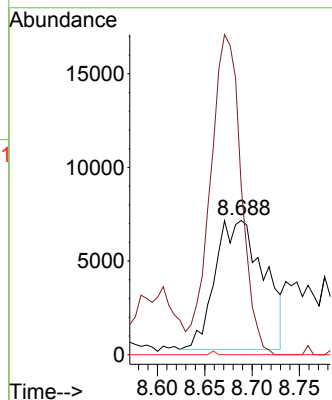
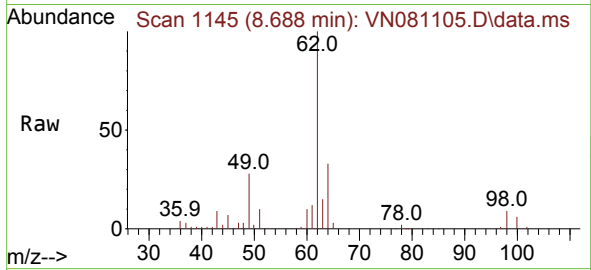




#43
Isopropyl Acetate
Concen: 2.515 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

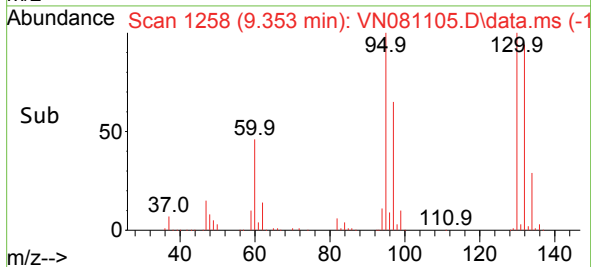
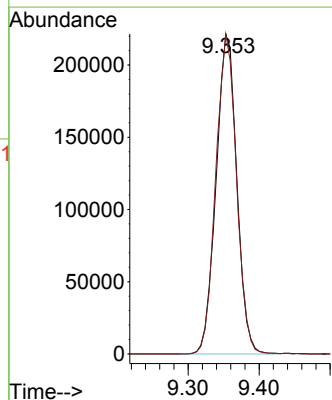
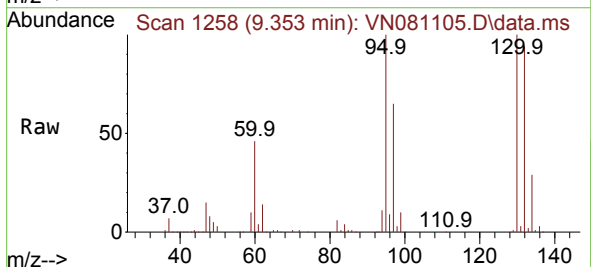
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

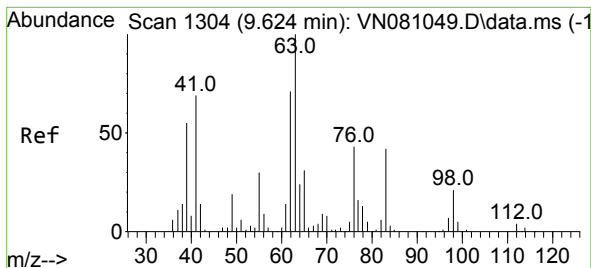
Tgt Ion: 43 Resp: 24634
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#44
Trichloroethene
Concen: 93.525 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion:130 Resp: 447428
Ion Ratio Lower Upper
130 100
95 100.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.064 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

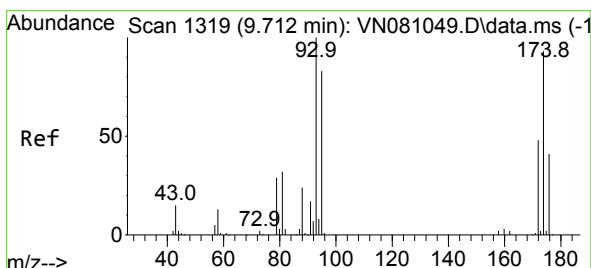
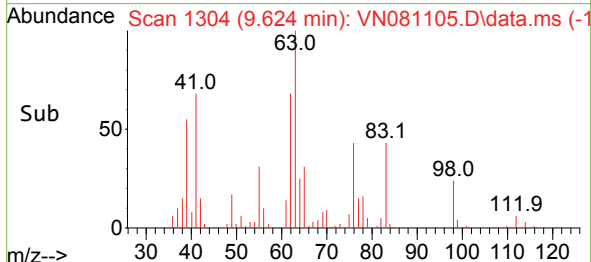
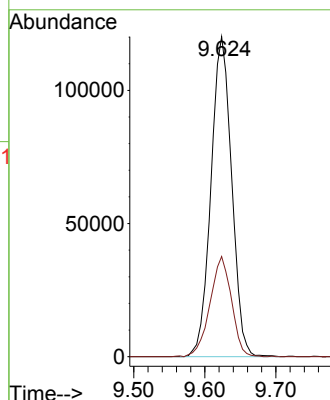
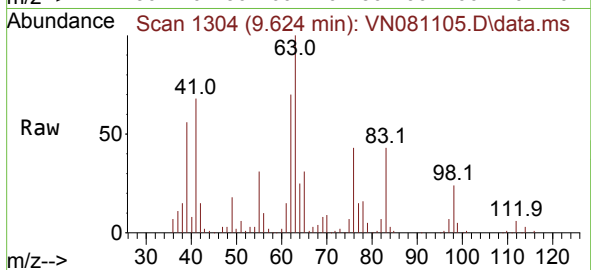
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion: 63 Resp: 242912

Ion Ratio Lower Upper

63 100

65 31.3 26.1 39.1



#46

Dibromomethane

Concen: 53.786 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

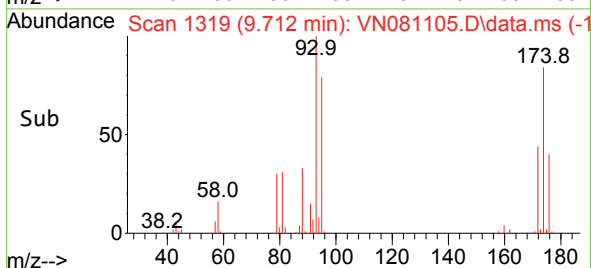
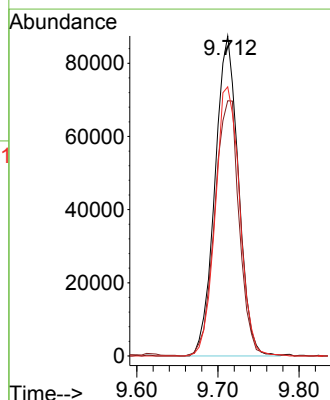
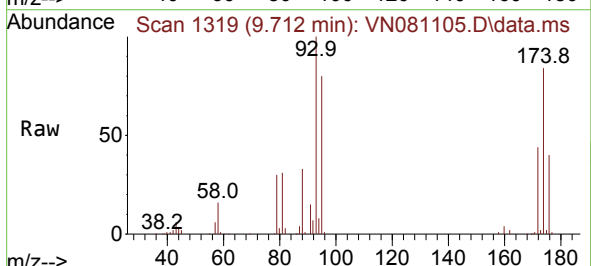
Tgt Ion: 93 Resp: 176079

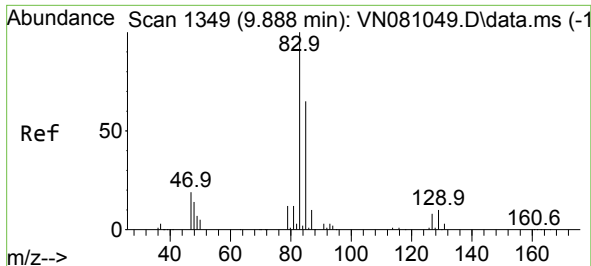
Ion Ratio Lower Upper

93 100

95 83.3 68.1 102.1

174 87.4 57.2 85.8#

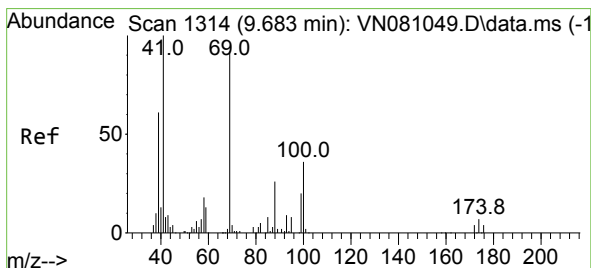
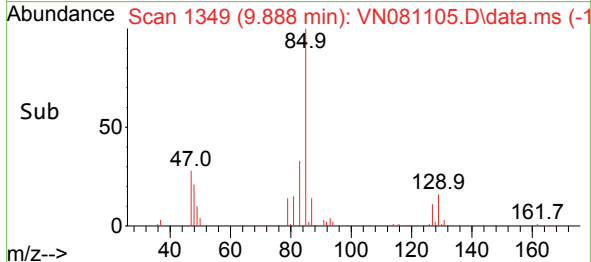
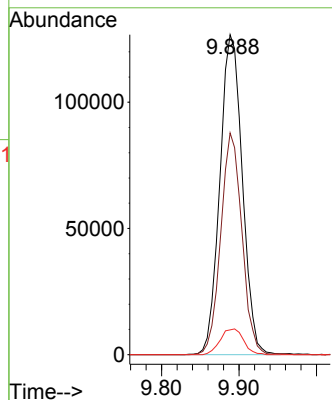
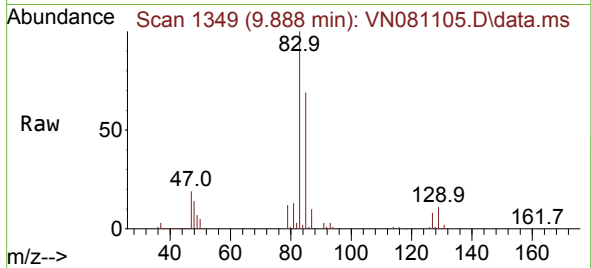




#47
Bromodichloromethane
Concen: 41.210 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

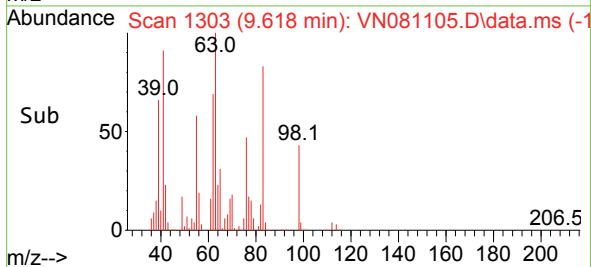
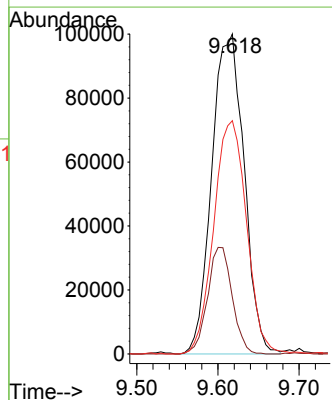
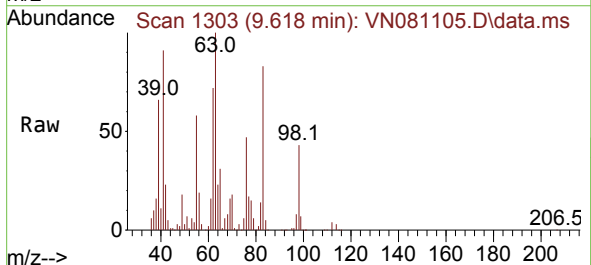
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

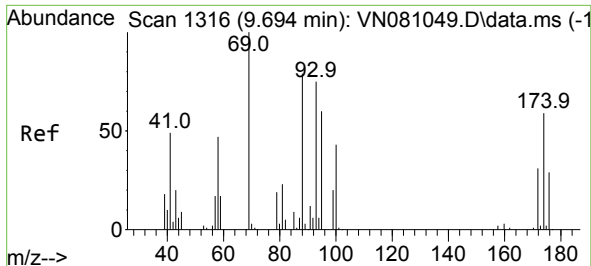
Tgt Ion: 83 Resp: 255511
Ion Ratio Lower Upper
83 100
85 69.3 52.3 78.5
127 7.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 60.689 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.065 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 41 Resp: 276604
Ion Ratio Lower Upper
41 100
69 25.4 62.2 93.2#
39 74.2 47.6 71.4#

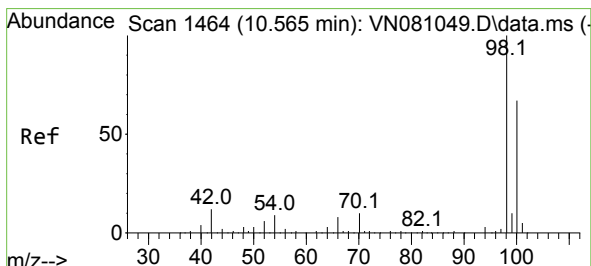
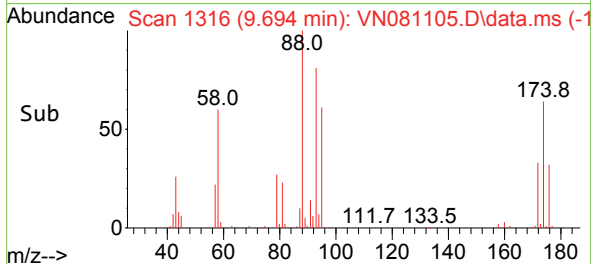
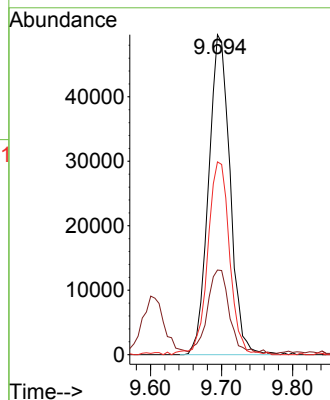
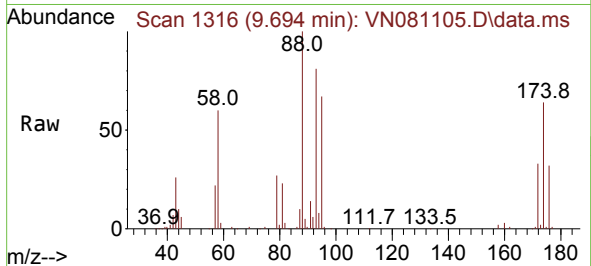




#49
1,4-Dioxane
Concen: 1251.655 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

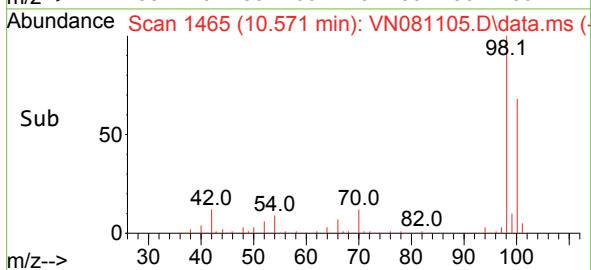
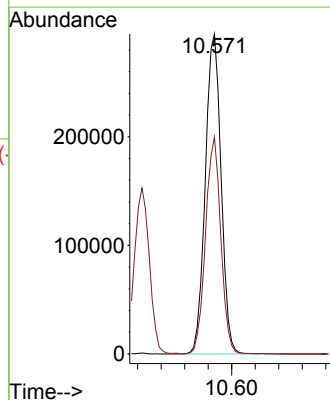
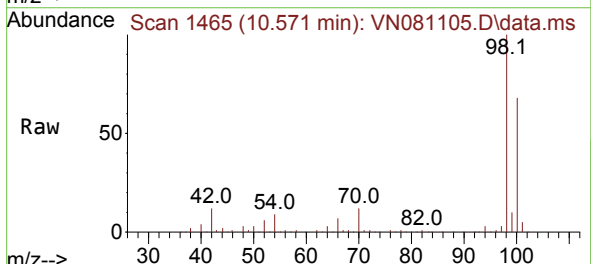
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

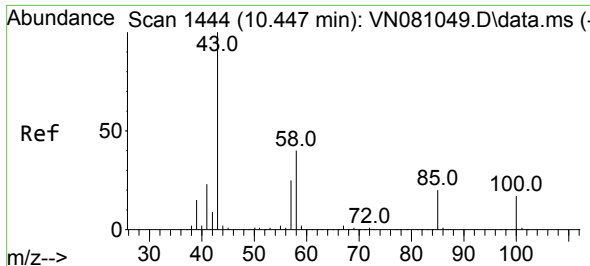
Tgt Ion: 88 Resp: 104134
Ion Ratio Lower Upper
88 100
43 26.8 30.1 45.1#
58 61.4 63.9 95.9#



#50
Toluene-d8
Concen: 42.772 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 98 Resp: 550258
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 288.951 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

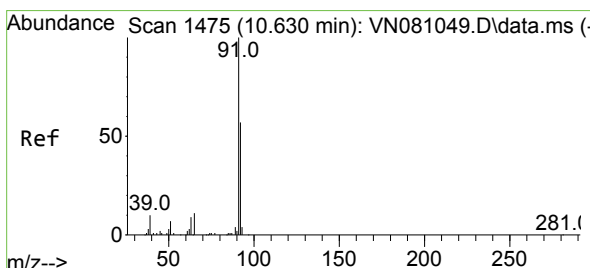
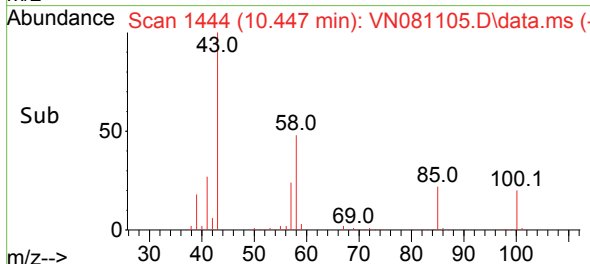
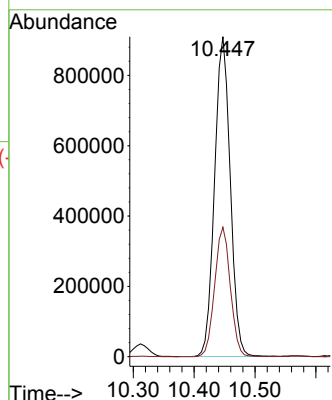
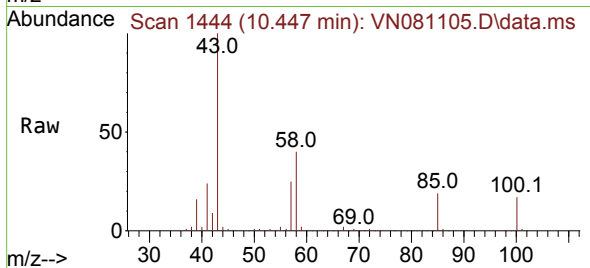
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion: 43 Resp: 1628112

Ion Ratio Lower Upper

43 100

58 40.4 29.4 44.0



#52

Toluene

Concen: 53.637 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081105.D

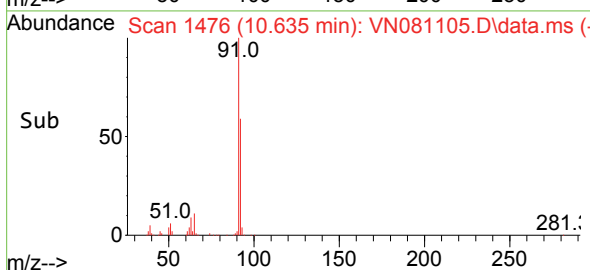
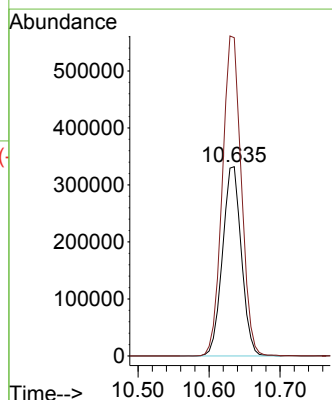
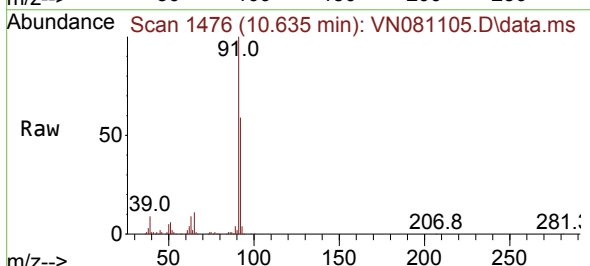
Acq: 20 Feb 2024 17:52

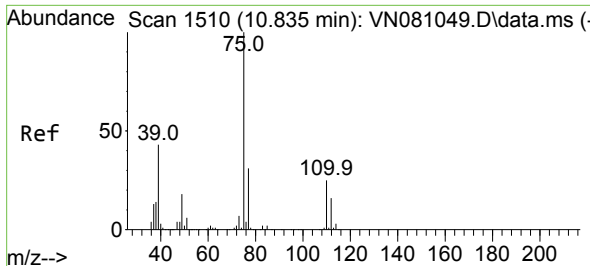
Tgt Ion: 92 Resp: 609914

Ion Ratio Lower Upper

92 100

91 170.5 139.4 209.0

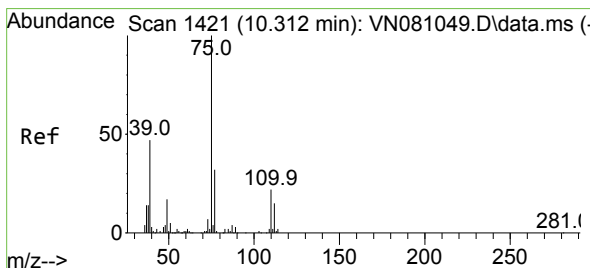
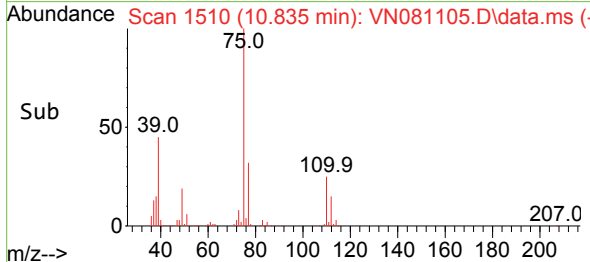
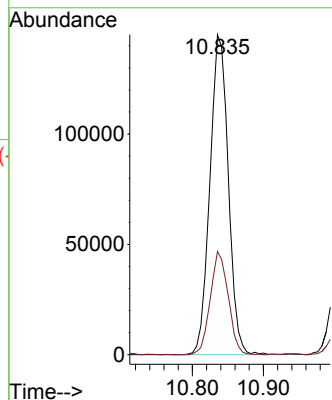
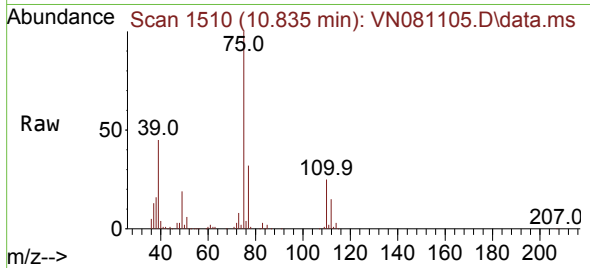




#53
t-1,3-Dichloropropene
Concen: 37.890 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

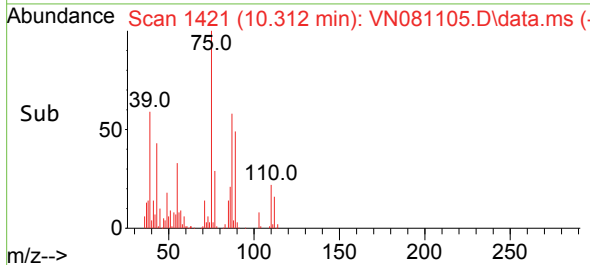
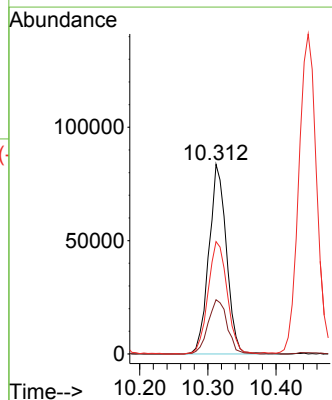
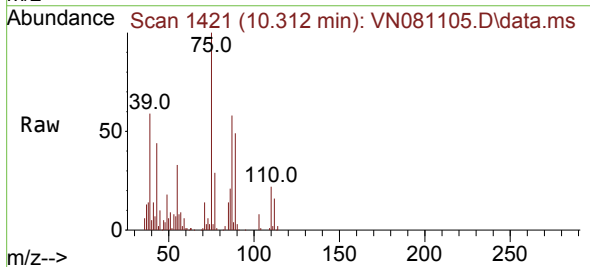
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

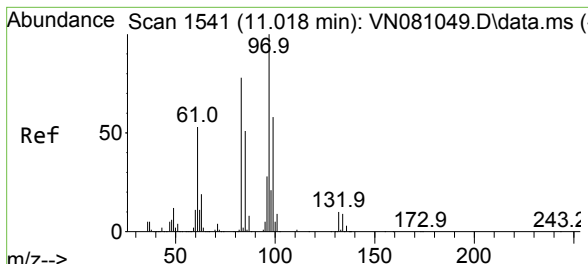
Tgt Ion: 75 Resp: 261067
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 20.074 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 75 Resp: 149436
Ion Ratio Lower Upper
75 100
77 28.7 23.3 34.9
39 59.2 44.6 66.8

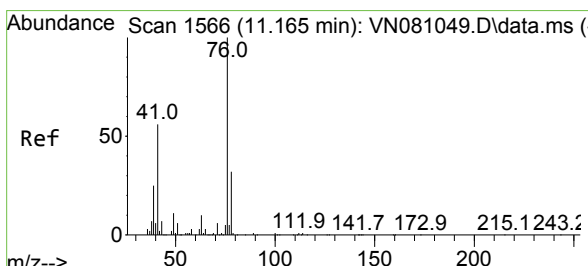
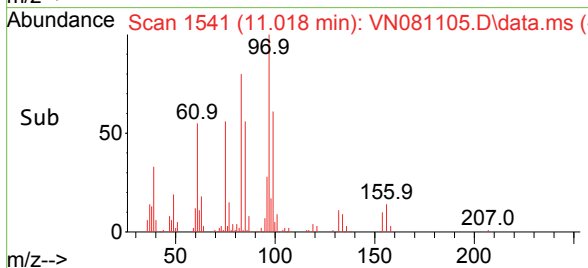
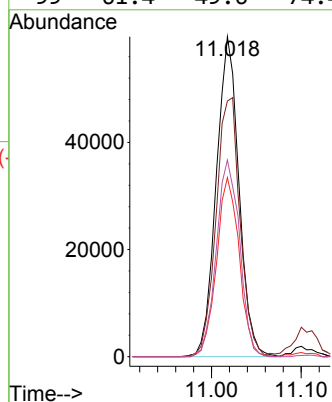
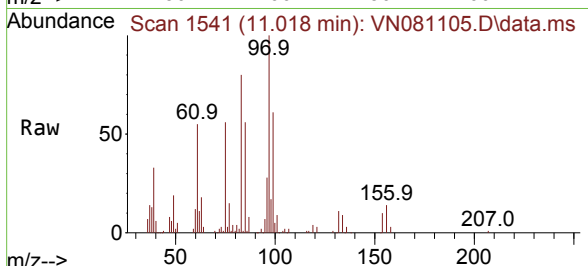




#55
 1,1,2-Trichloroethane
 Concen: 23.939 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

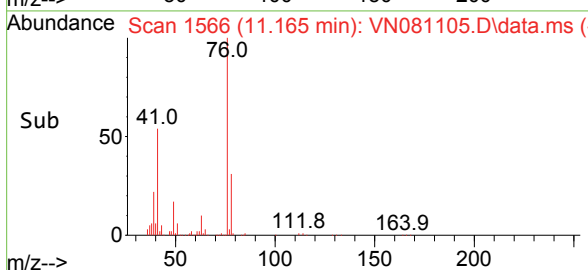
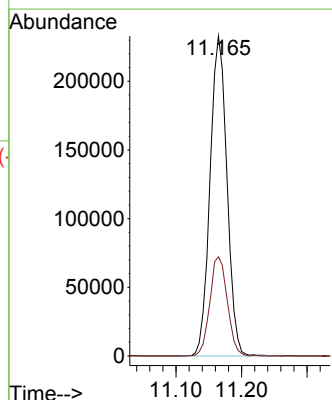
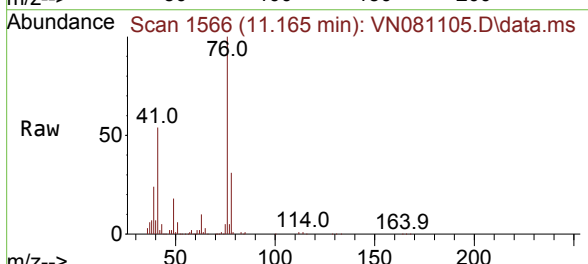
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

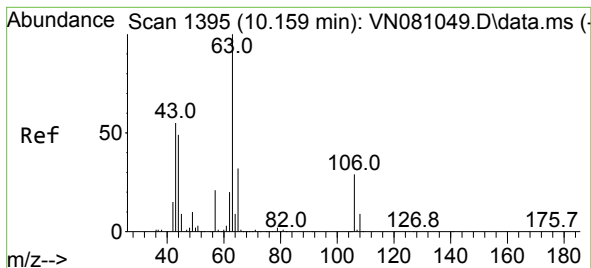
Tgt Ion: 97	Resp: 104700
Ion Ratio	Lower Upper
97 100	
83 79.9	72.9 109.3
85 56.0	50.2 75.2
99 61.4	49.6 74.4



#57
 1,3-Dichloropropane
 Concen: 55.302 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

Tgt Ion: 76	Resp: 418207
Ion Ratio	Lower Upper
76 100	
78 31.8	25.5 38.3

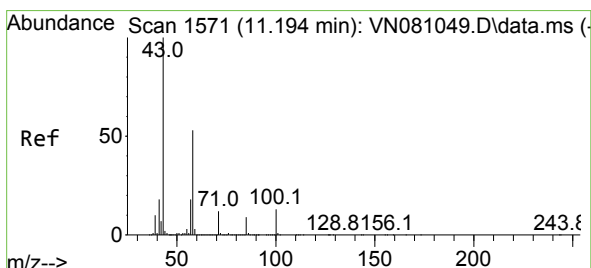
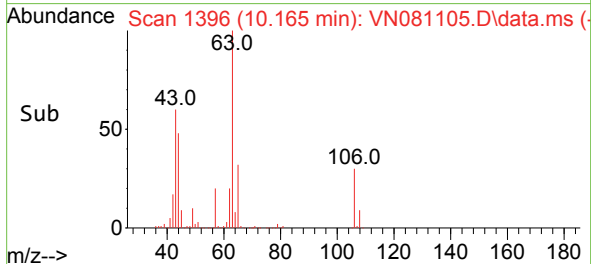
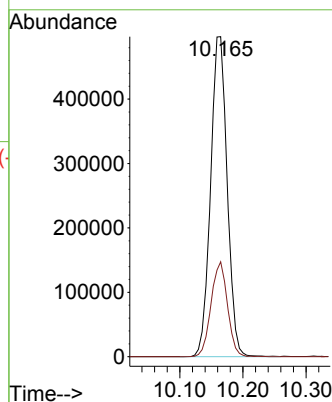
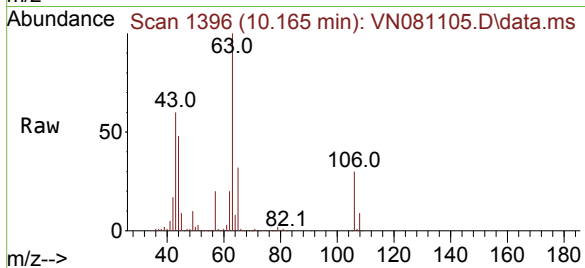




#58
2-Chloroethyl Vinyl ether
Concen: 270.302 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

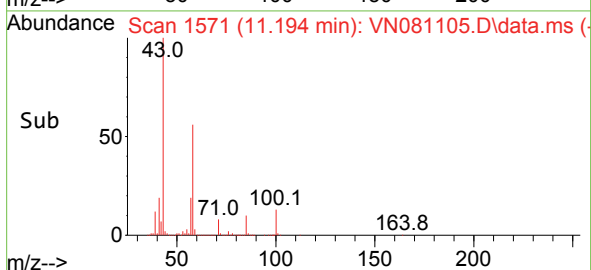
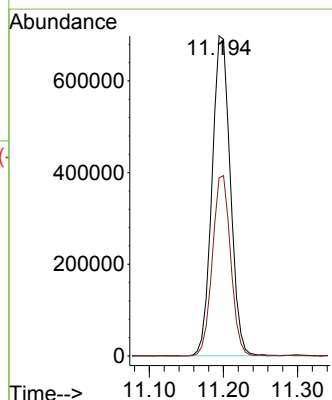
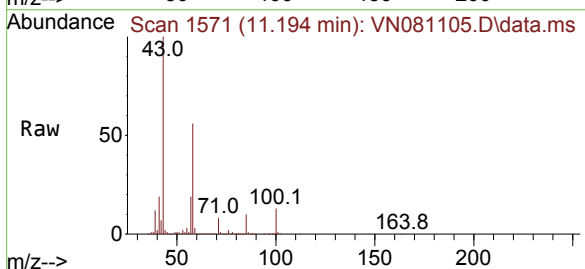
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

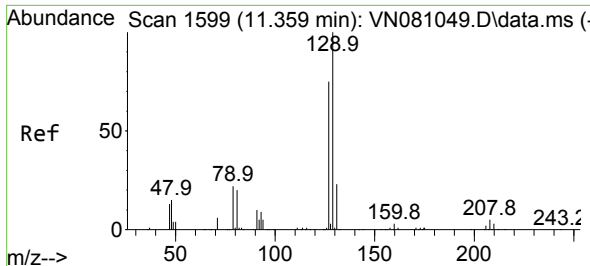
Tgt Ion: 63 Resp: 906532
Ion Ratio Lower Upper
63 100
106 29.3 18.6 28.0#



#59
2-Hexanone
Concen: 268.849 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 43 Resp: 1200975
Ion Ratio Lower Upper
43 100
58 56.1 25.9 77.8

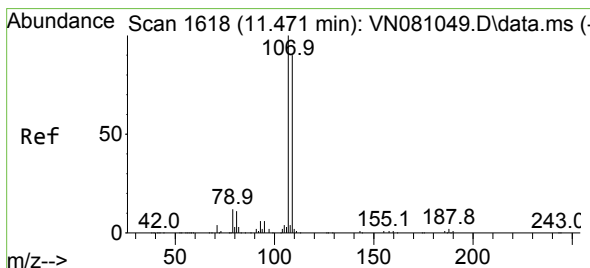
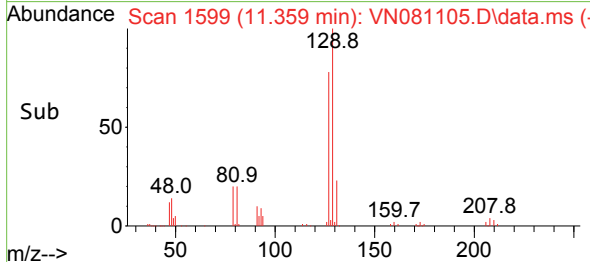
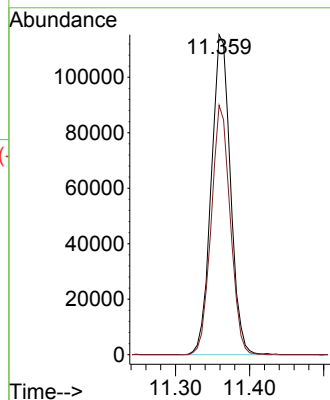
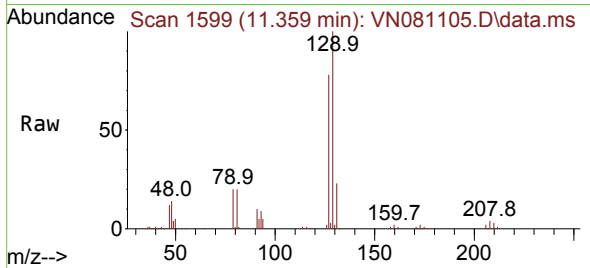




#60
Dibromochloromethane
Concen: 44.506 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

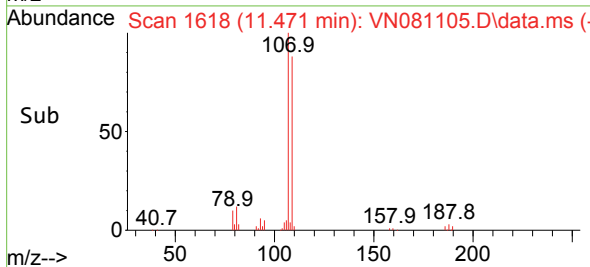
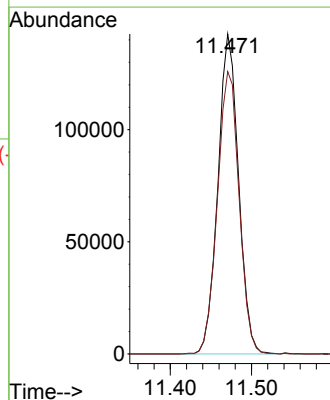
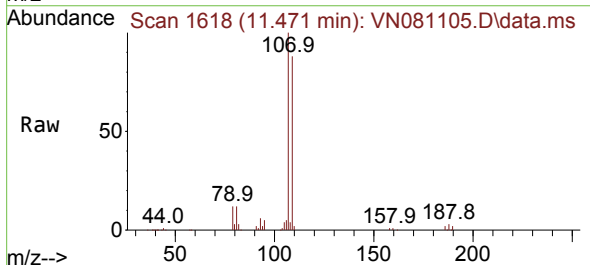
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

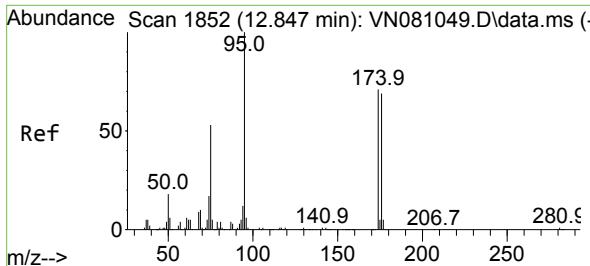
Tgt Ion:129 Resp: 206784
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2



#61
1,2-Dibromoethane
Concen: 54.846 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion:107 Resp: 252243
Ion Ratio Lower Upper
107 100
109 92.8 73.4 110.2

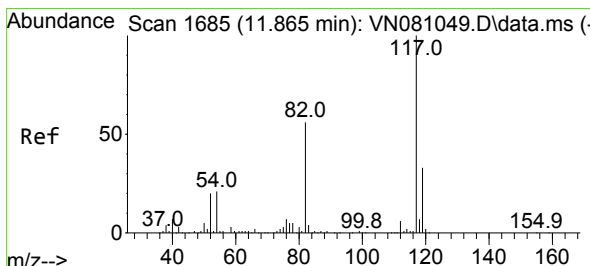
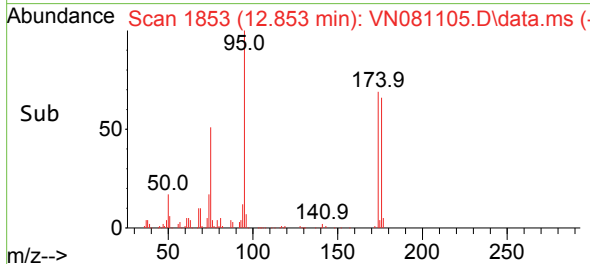
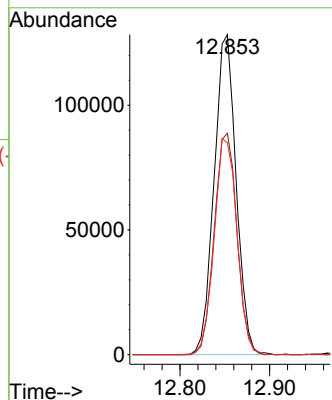
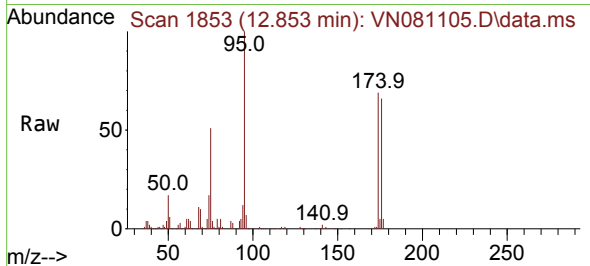




#62
4-Bromofluorobenzene
Concen: 45.230 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

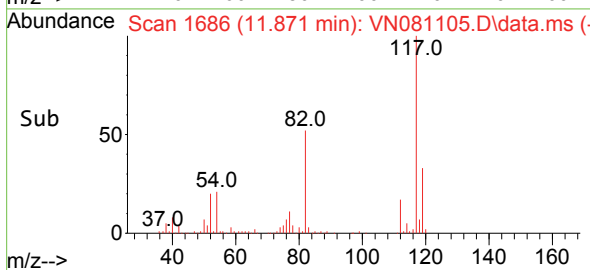
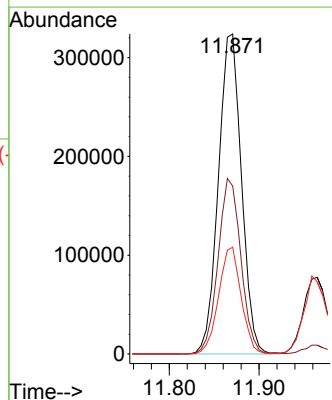
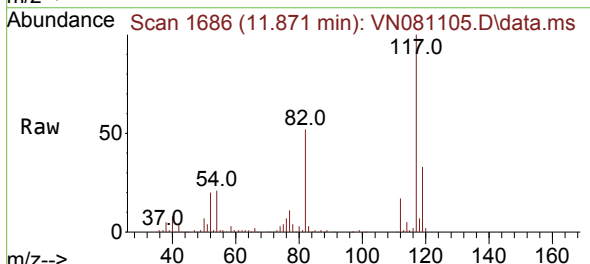
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

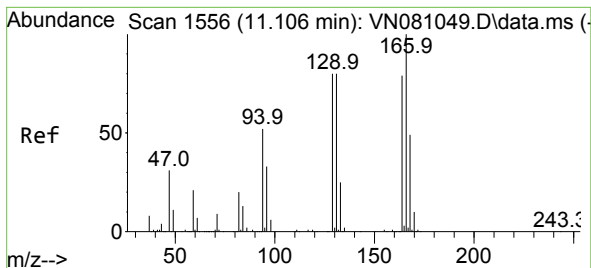
Tgt Ion: 95 Resp: 218644
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 69.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 117 Resp: 578464
Ion Ratio Lower Upper
117 100
82 52.4 52.7 79.1#
119 33.3 25.3 37.9





#64

Tetrachloroethene

Concen: 83.833 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081105.D

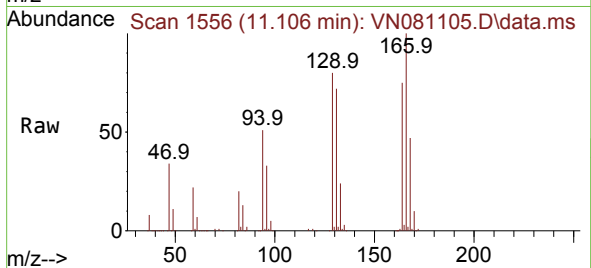
Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:164 Resp: 330974

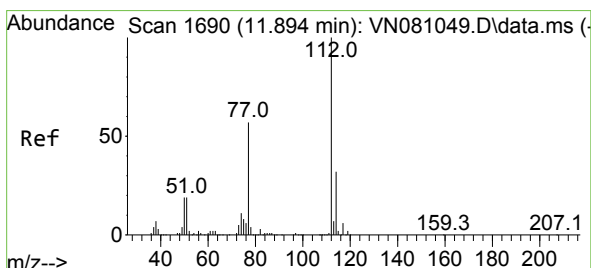
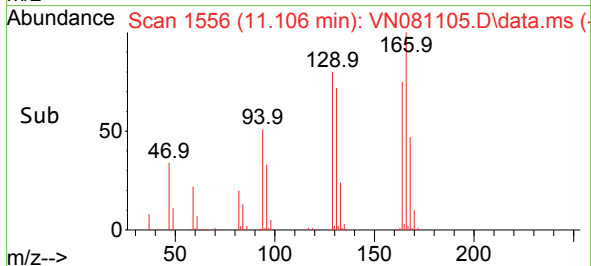
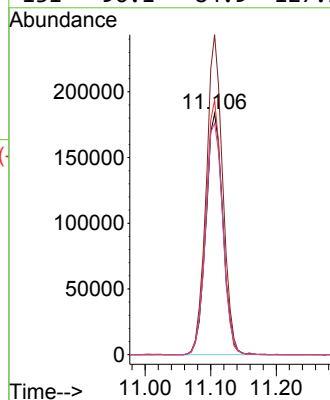
Ion Ratio Lower Upper

164 100

166 132.7 105.8 158.6

129 105.6 89.6 134.4

131 96.1 84.9 127.3



#65

Chlorobenzene

Concen: 51.487 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081105.D

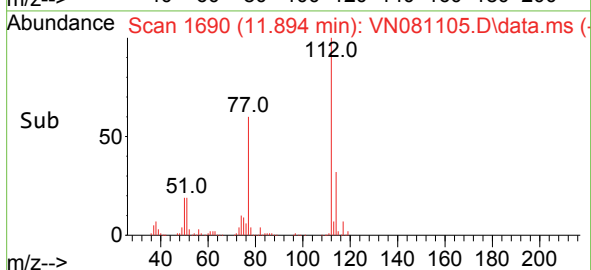
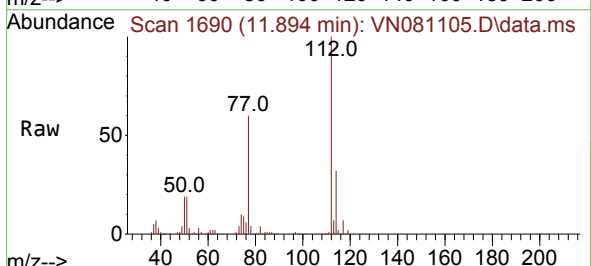
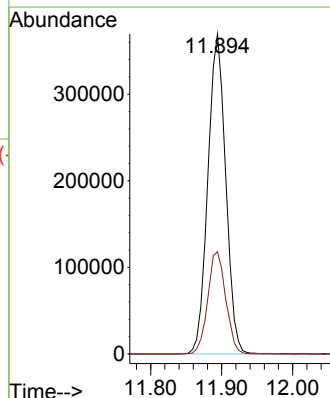
Acq: 20 Feb 2024 17:52

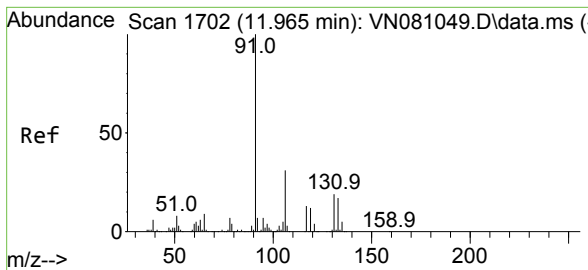
Tgt Ion:112 Resp: 644604

Ion Ratio Lower Upper

112 100

114 31.9 23.7 35.5

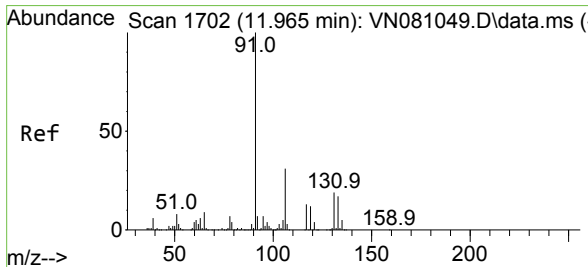
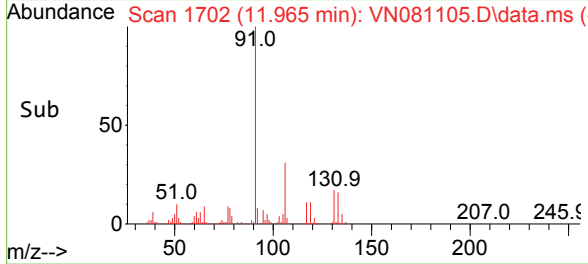
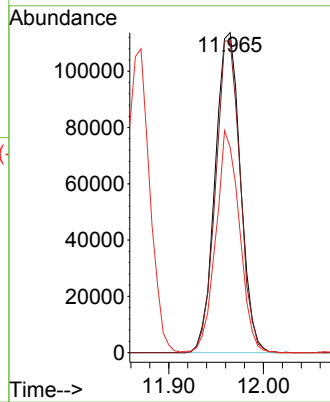
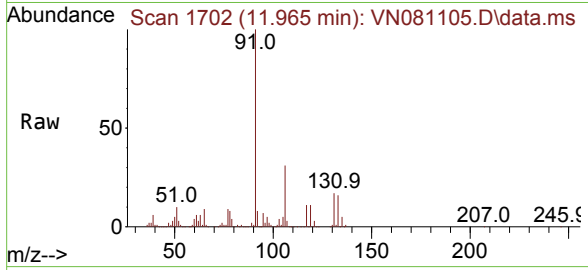




#66
 1,1,1,2-Tetrachloroethane
 Concen: 46.782 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

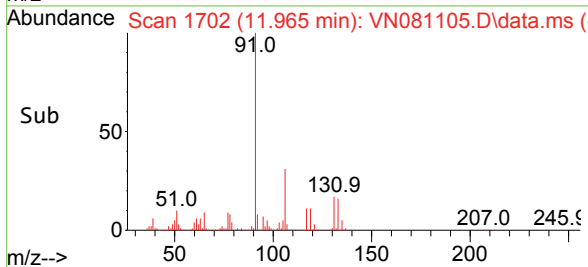
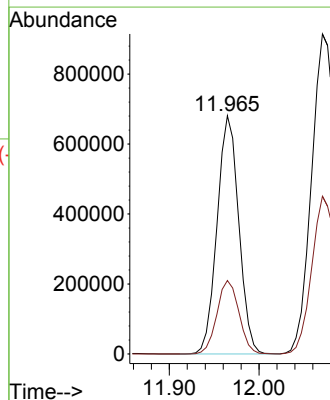
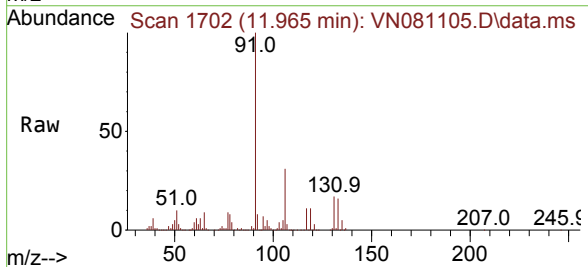
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

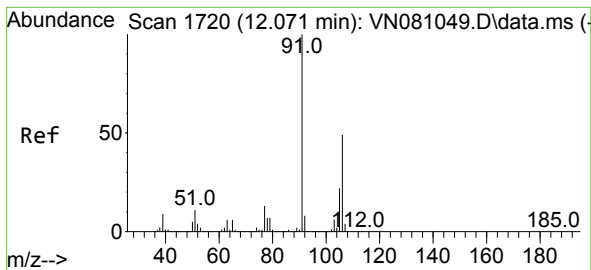
Tgt Ion:131 Resp: 210367
 Ion Ratio Lower Upper
 131 100
 133 95.3 46.8 140.3
 119 65.2 34.6 103.9



#67
 Ethyl Benzene
 Concen: 50.974 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

Tgt Ion: 91 Resp: 1141956
 Ion Ratio Lower Upper
 91 100
 106 30.9 23.8 35.6

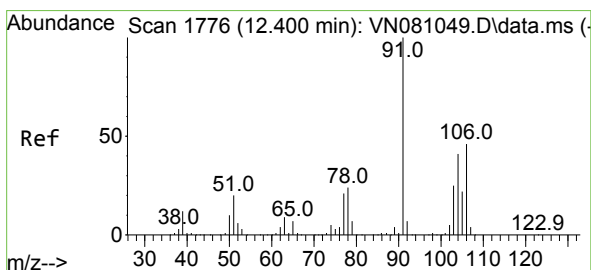
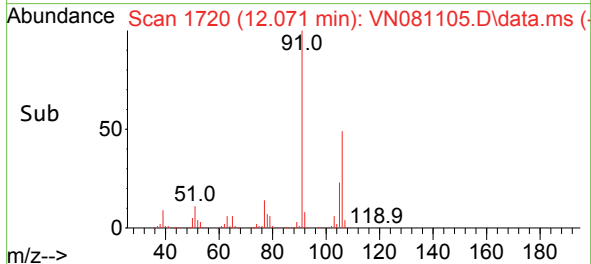
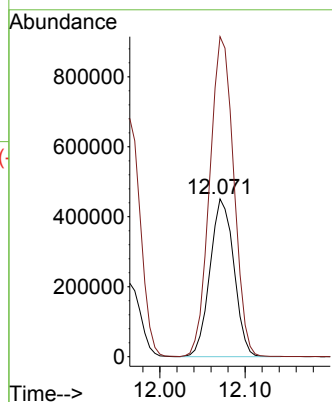
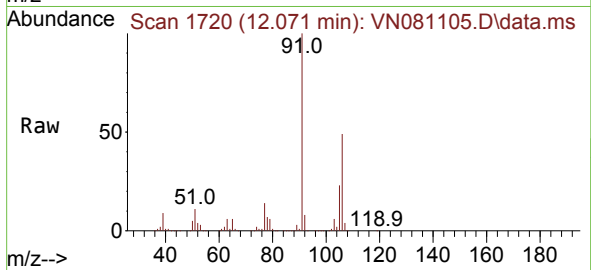




#68
m/p-Xylenes
Concen: 102.166 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

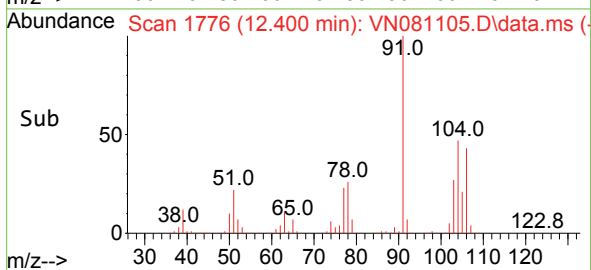
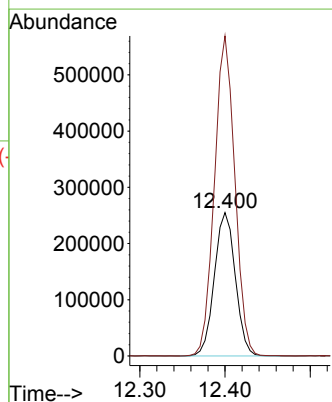
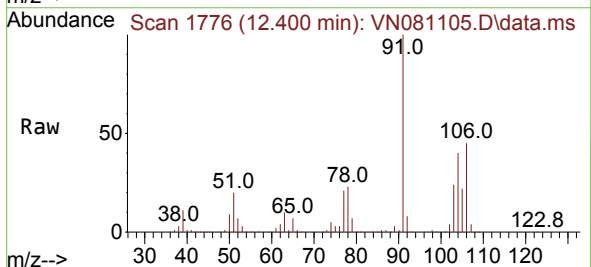
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

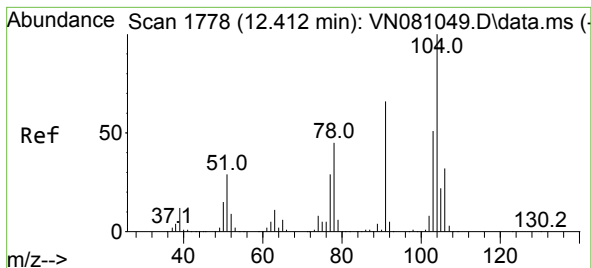
Tgt Ion:106 Resp: 877303
Ion Ratio Lower Upper
106 100
91 204.5 169.0 253.6



#69
o-Xylene
Concen: 51.126 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion:106 Resp: 435186
Ion Ratio Lower Upper
106 100
91 218.0 112.1 336.3





#70

Styrene

Concen: 54.435 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081105.D

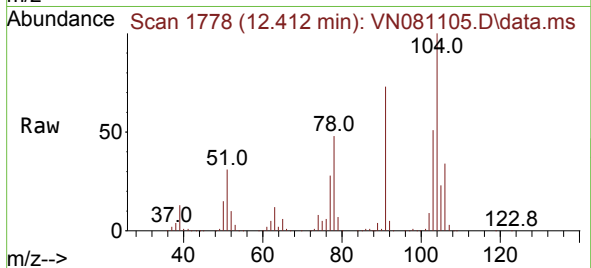
Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



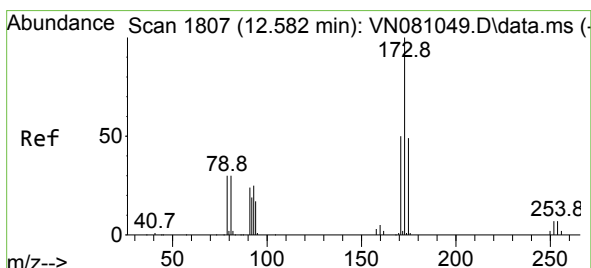
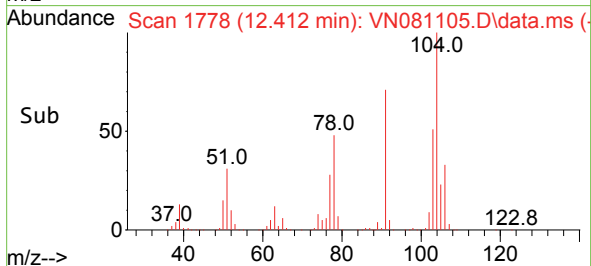
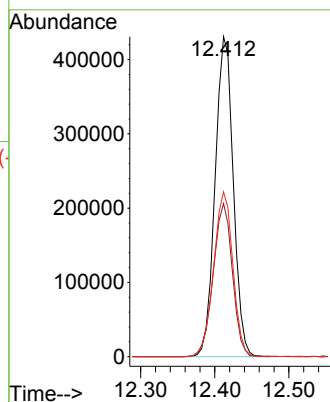
Tgt Ion:104 Resp: 734228

Ion Ratio Lower Upper

104 100

78 50.3 43.8 65.8

103 54.5 44.2 66.2



#71

Bromoform

Concen: 50.821 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

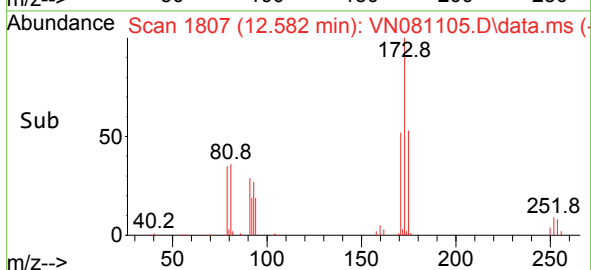
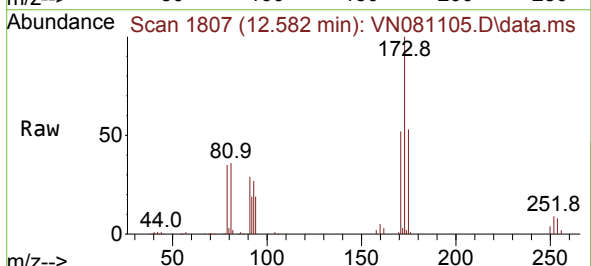
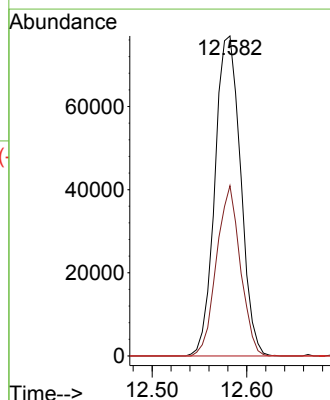
Tgt Ion:173 Resp: 144988

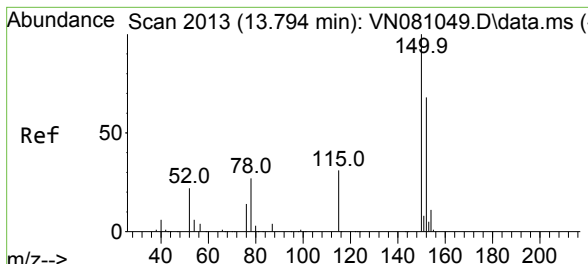
Ion Ratio Lower Upper

173 100

175 49.4 23.1 69.2

254 0.0 0.0 0.0

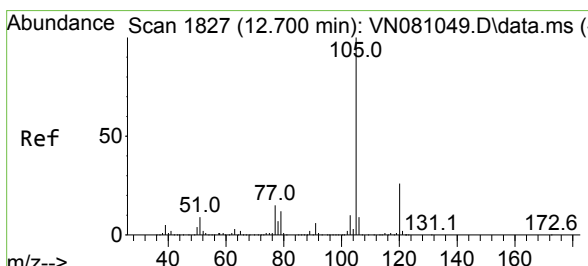
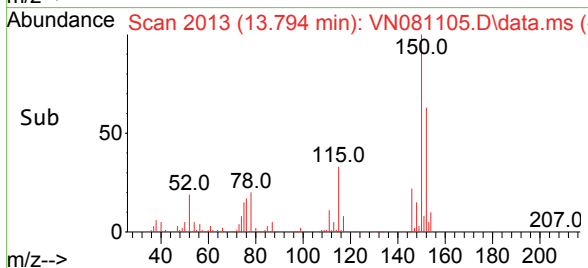
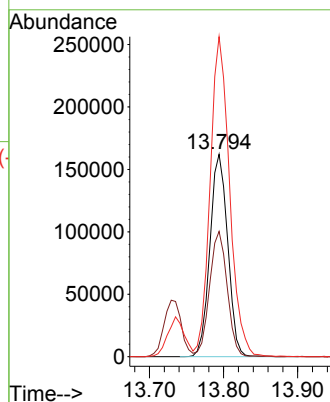
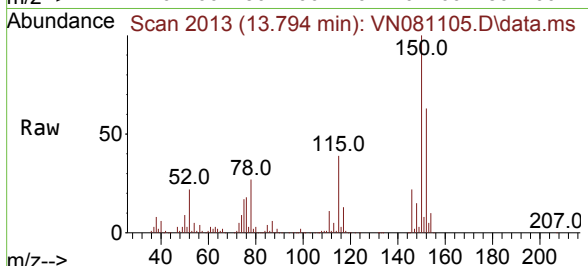




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

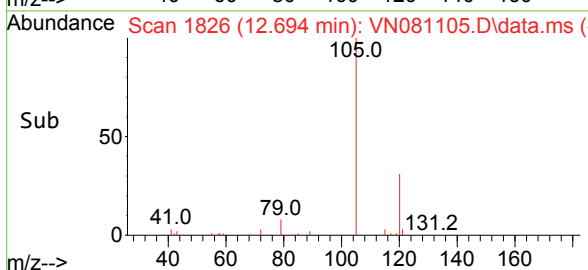
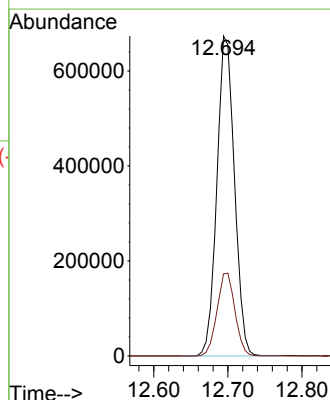
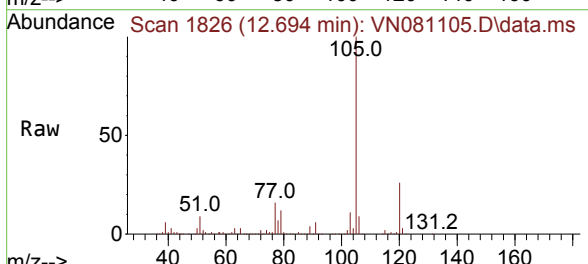
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

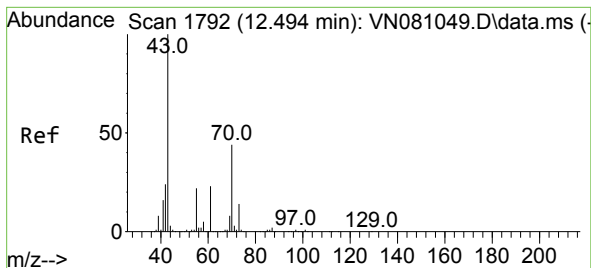
Tgt Ion:152 Resp: 270264
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 172.8 0.0 339.8



#73
 Isopropylbenzene
 Concen: 46.893 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

Tgt Ion:105 Resp: 1108838
 Ion Ratio Lower Upper
 105 100
 120 26.4 12.6 37.6





#74

N-amy1 acetate

Concen: 0.213 ug/l

RT: 12.453 min Scan# 1

Delta R.T. -0.041 min

Lab File: VN081105.D

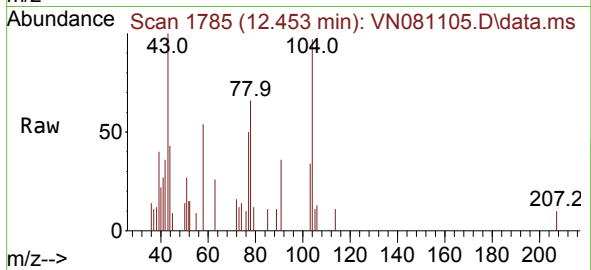
Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 43 Resp: 2127

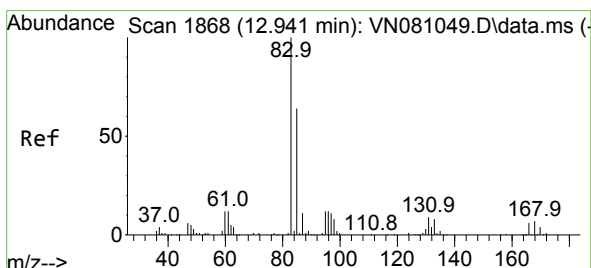
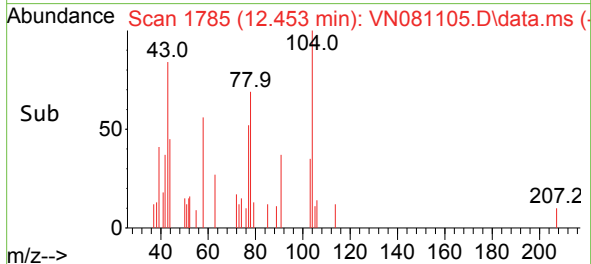
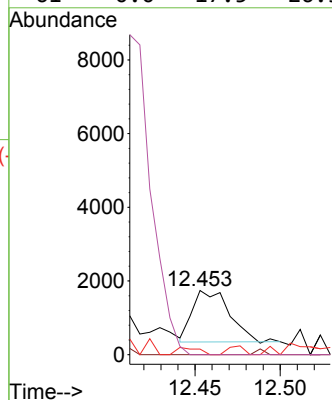
Ion Ratio Lower Upper

43 100

70 0.0 30.1 45.1#

55 0.0 17.0 25.4#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.345 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.059 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

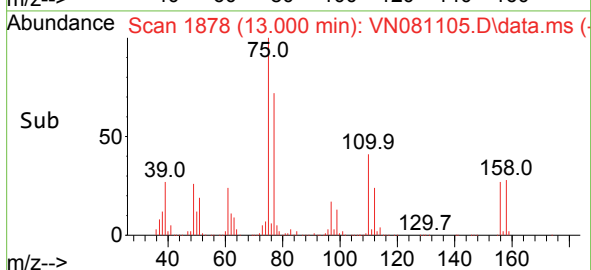
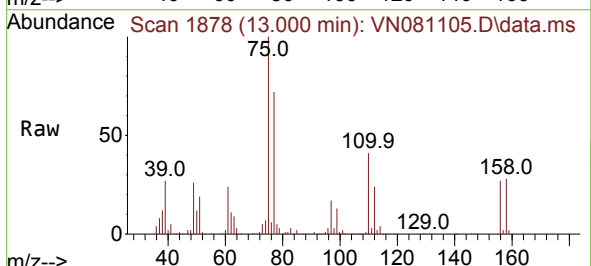
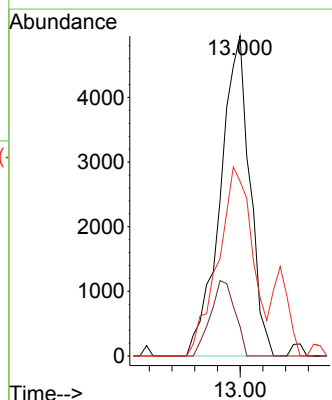
Tgt Ion: 83 Resp: 8940

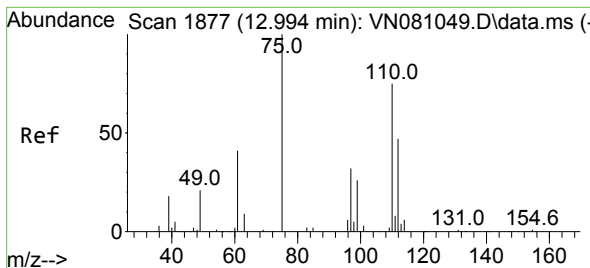
Ion Ratio Lower Upper

83 100

131 19.5 4.1 12.3#

85 68.9 32.1 96.3





#76

1,2,3-Trichloropropane

Concen: 58.950 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

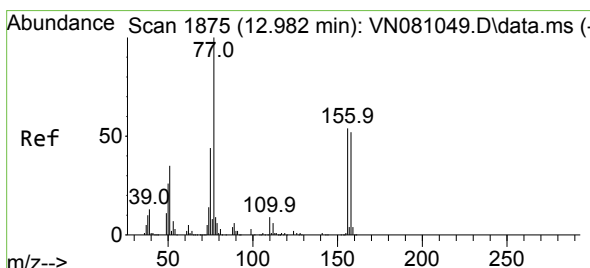
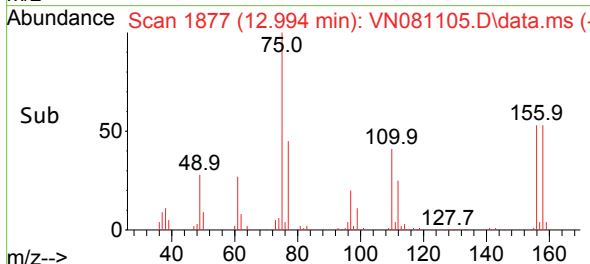
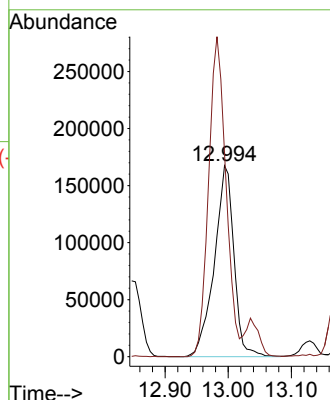
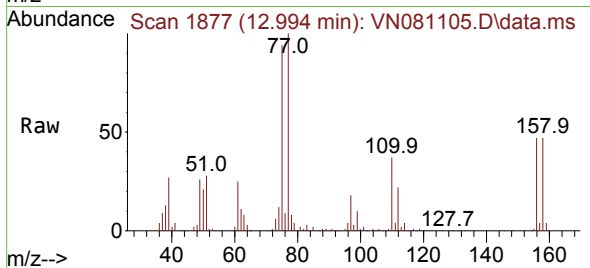
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion: 75 Resp: 361987

Ion Ratio Lower Upper

75 100

77 147.9 91.0 272.8



#77

Bromobenzene

Concen: 48.866 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

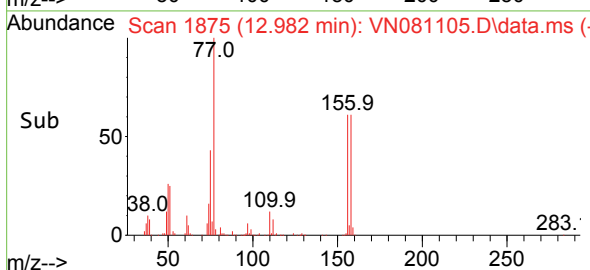
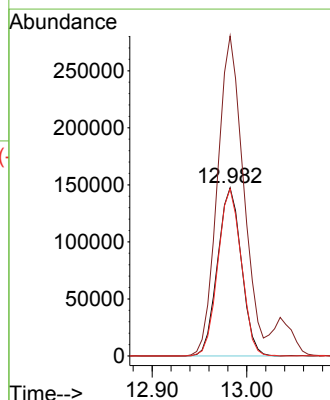
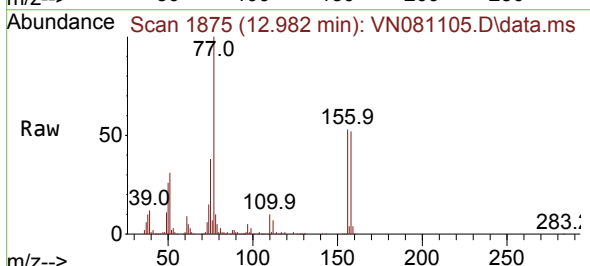
Tgt Ion:156 Resp: 257643

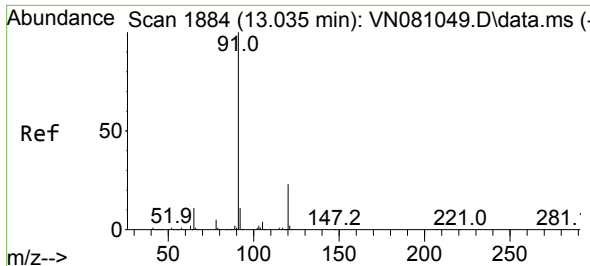
Ion Ratio Lower Upper

156 100

77 207.8 138.1 414.3

158 97.8 46.5 139.5

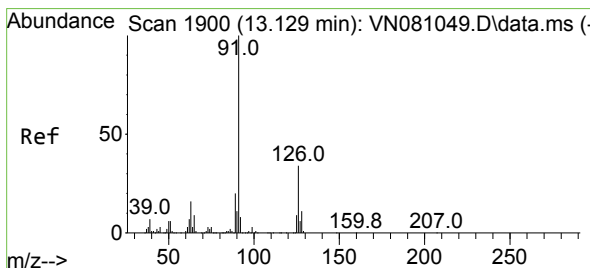
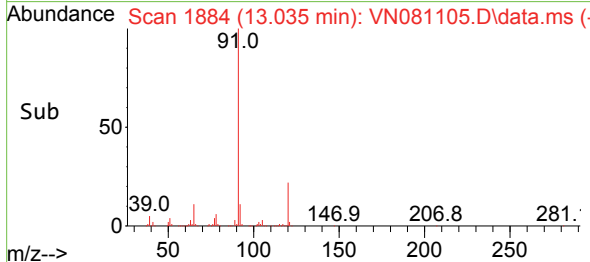
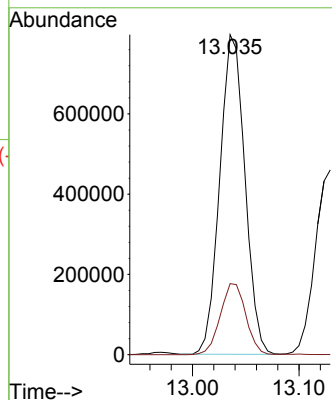
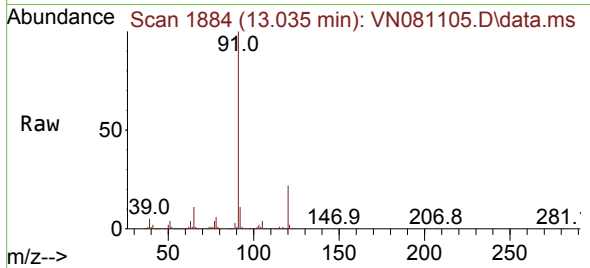




#78
n-propylbenzene
Concen: 47.965 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

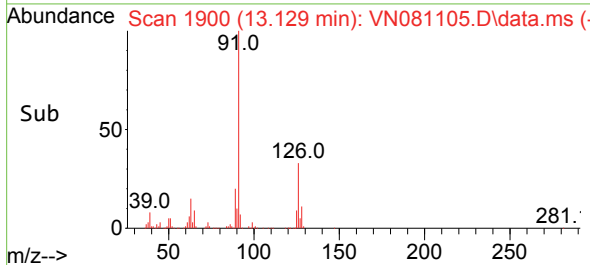
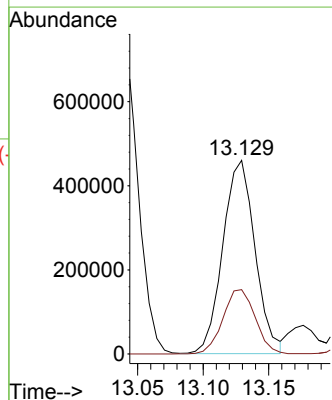
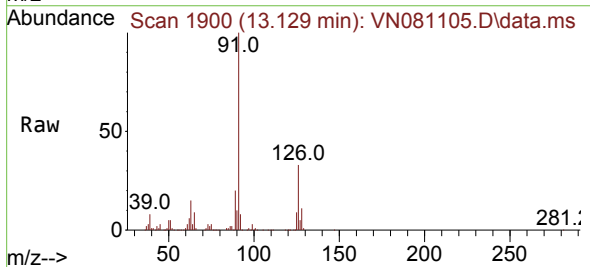
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

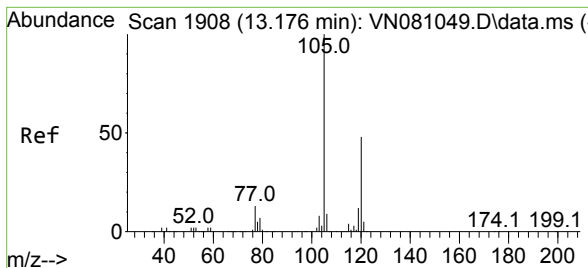
Tgt Ion: 91 Resp: 1305667
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9



#79
2-Chlorotoluene
Concen: 47.076 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 91 Resp: 786018
Ion Ratio Lower Upper
91 100
126 33.5 14.8 44.4

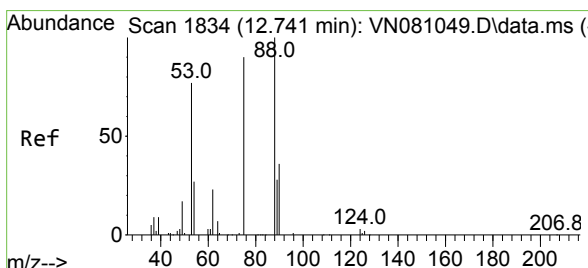
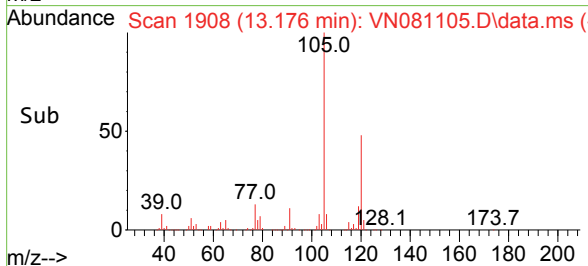
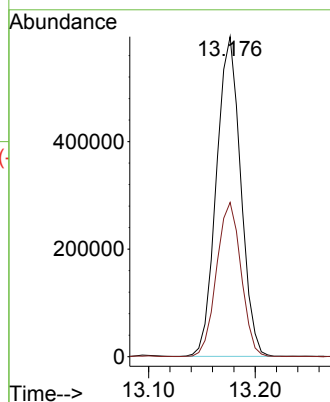
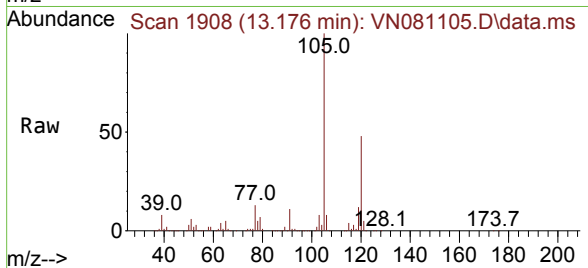




#80
 1,3,5-Trimethylbenzene
 Concen: 49.050 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

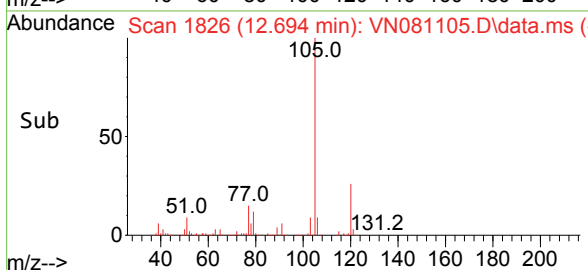
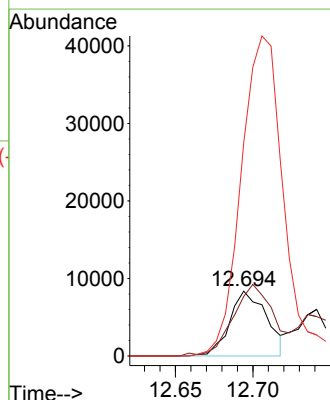
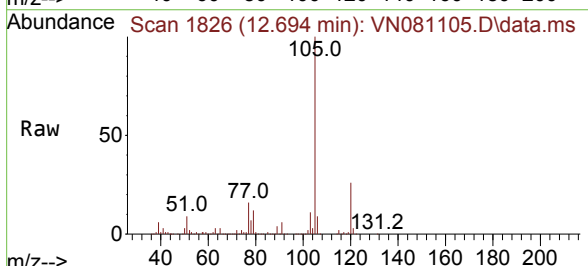
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

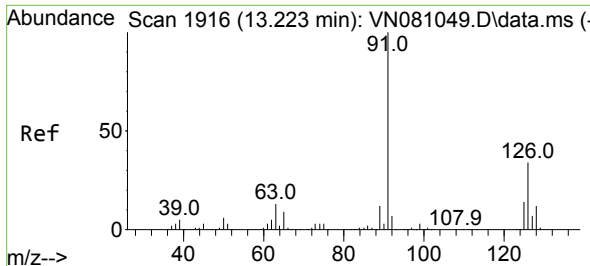
Tgt Ion:105 Resp: 940397
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.829 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.047 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

Tgt Ion: 75 Resp: 13906
 Ion Ratio Lower Upper
 75 100
 53 121.9 71.4 107.2#
 89 562.3 33.4 50.0#

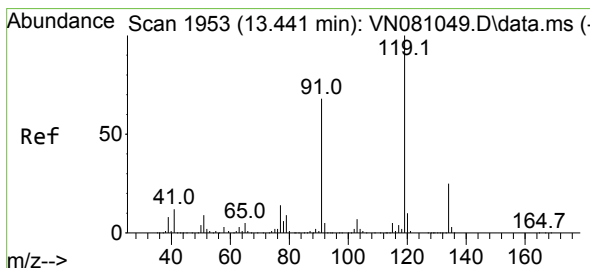
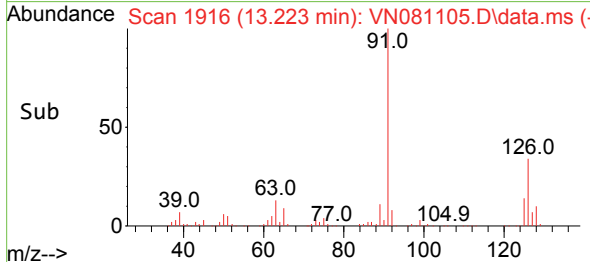
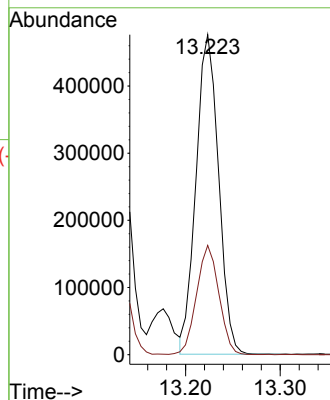
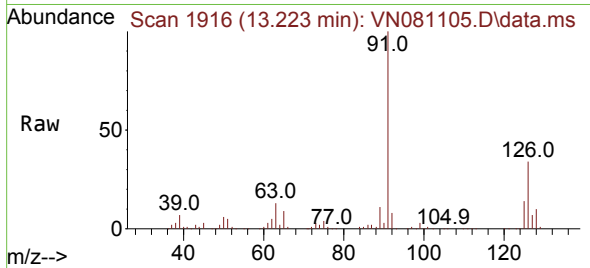




#82
4-Chlorotoluene
Concen: 48.248 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

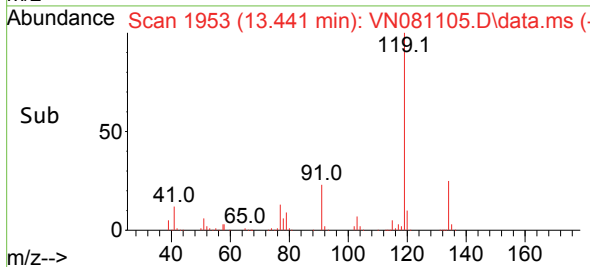
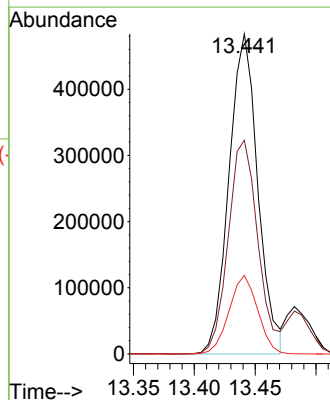
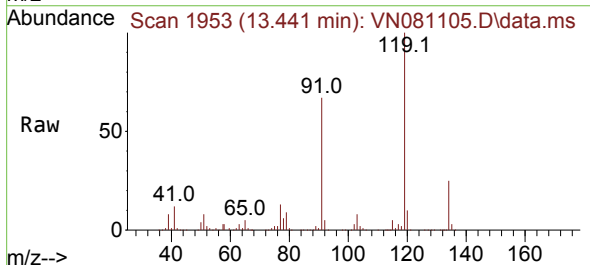
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

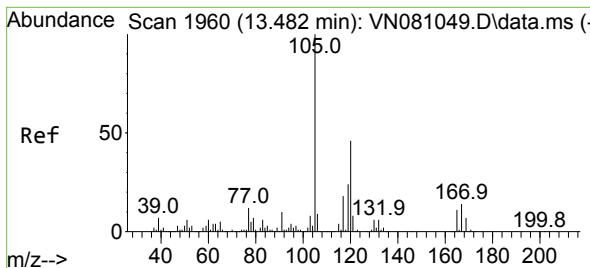
Tgt Ion: 91 Resp: 787692
Ion Ratio Lower Upper
91 100
126 33.8 15.3 45.9



#83
tert-Butylbenzene
Concen: 48.122 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion: 119 Resp: 797763
Ion Ratio Lower Upper
119 100
91 68.9 36.8 110.4
134 24.4 12.4 37.4





#84

1,2,4-Trimethylbenzene

Concen: 50.136 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

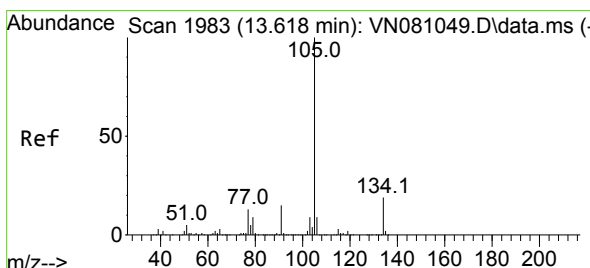
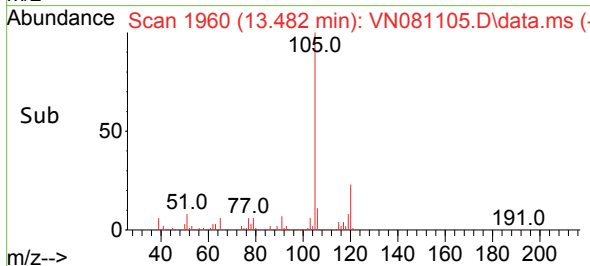
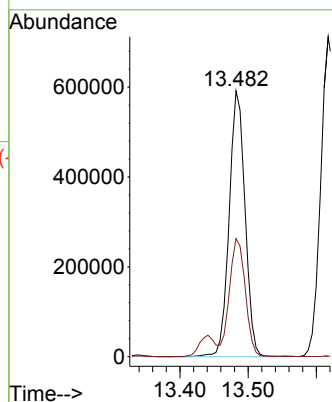
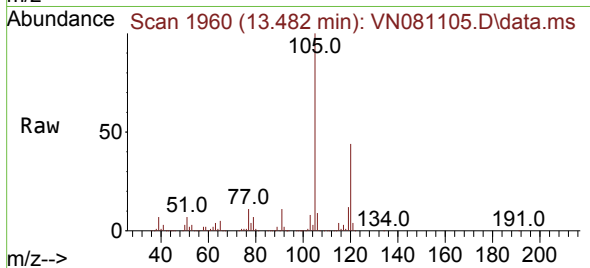
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:105 Resp: 957831

Ion Ratio Lower Upper

105 100

120 44.1 20.9 62.7



#85

sec-Butylbenzene

Concen: 49.814 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081105.D

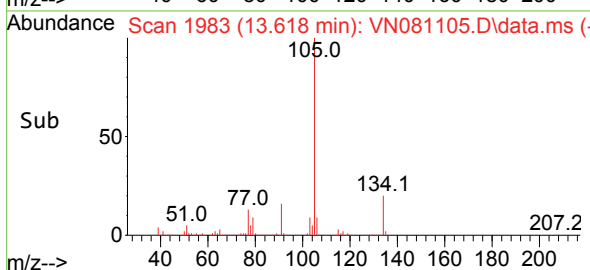
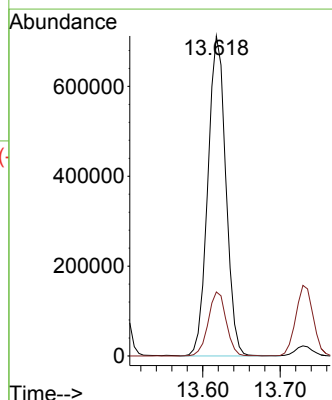
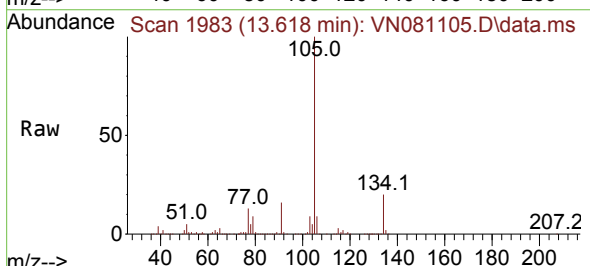
Acq: 20 Feb 2024 17:52

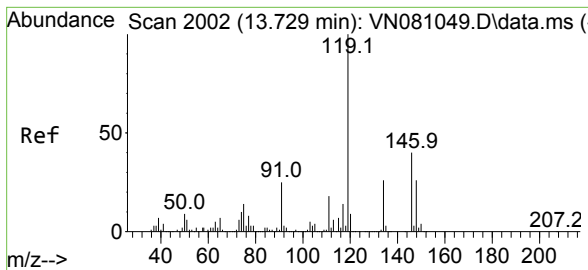
Tgt Ion:105 Resp: 1148038

Ion Ratio Lower Upper

105 100

134 20.0 8.6 25.8

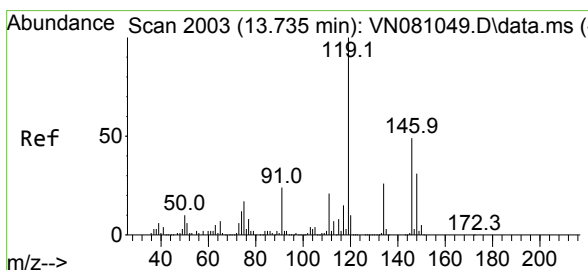
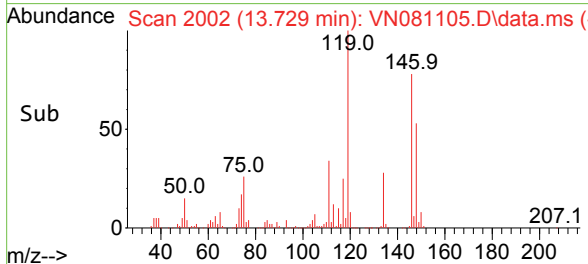
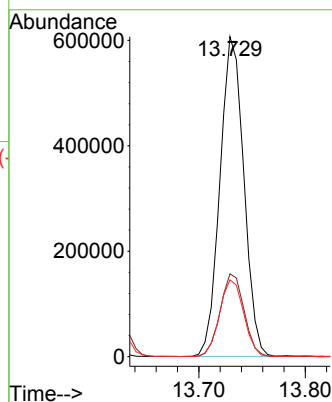
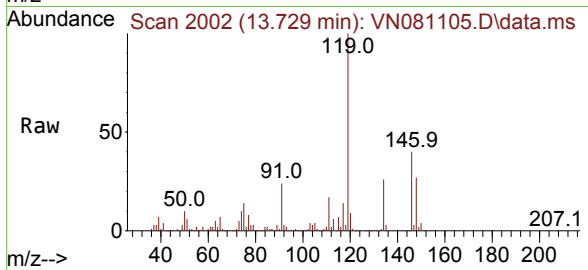




#86
p-Isopropyltoluene
Concen: 49.281 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

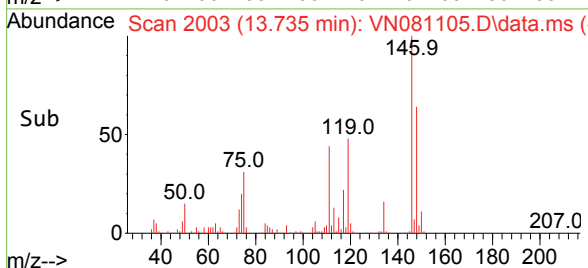
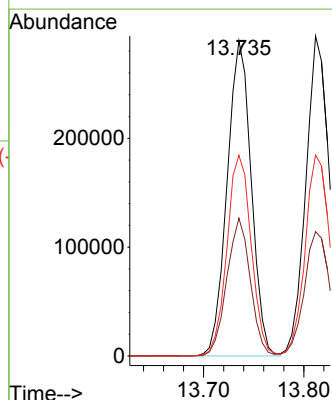
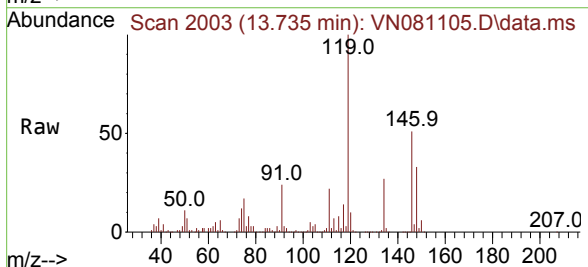
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

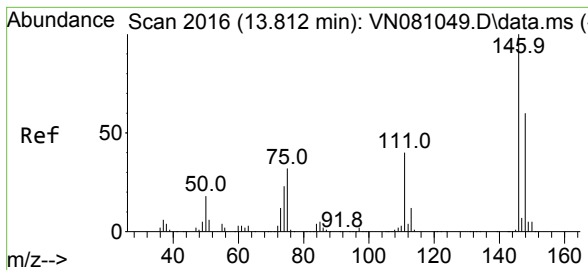
Tgt Ion:119 Resp: 943380
Ion Ratio Lower Upper
119 100
134 26.2 12.4 37.2
91 24.2 13.5 40.4



#87
1,3-Dichlorobenzene
Concen: 48.718 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081105.D
Acq: 20 Feb 2024 17:52

Tgt Ion:146 Resp: 485335
Ion Ratio Lower Upper
146 100
111 42.4 23.9 71.7
148 64.1 32.6 97.7





#88

1,4-Dichlorobenzene

Concen: 49.309 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081105.D

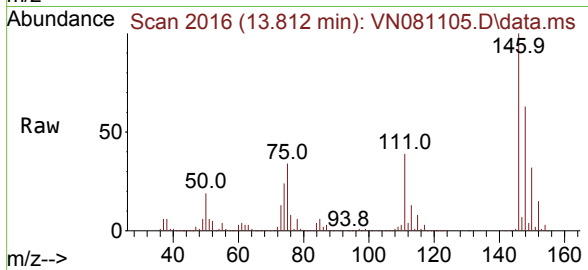
Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



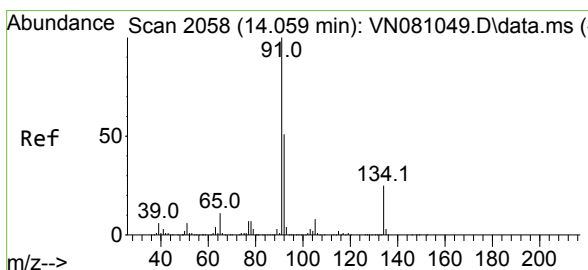
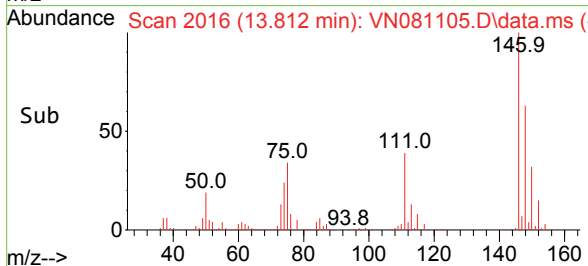
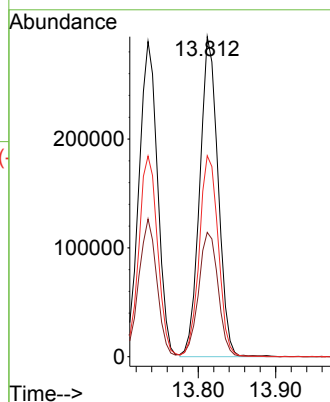
Tgt Ion:146 Resp: 482675

Ion Ratio Lower Upper

146 100

111 41.1 22.6 67.7

148 65.0 31.9 95.5



#89

n-Butylbenzene

Concen: 49.527 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

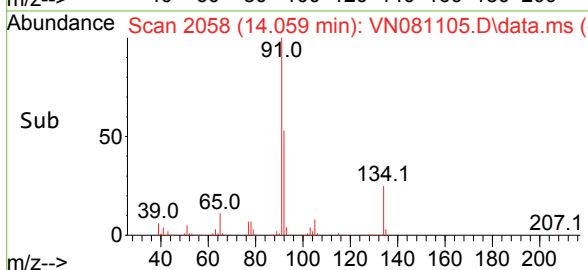
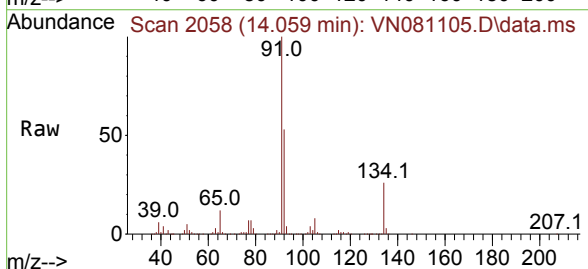
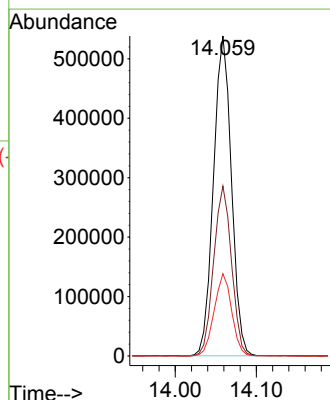
Tgt Ion: 91 Resp: 825976

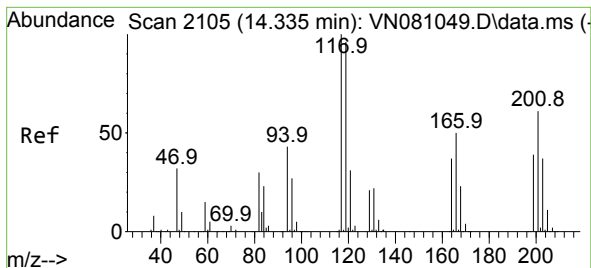
Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 25.2 10.8 32.4





#90

Hexachloroethane

Concen: 44.630 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

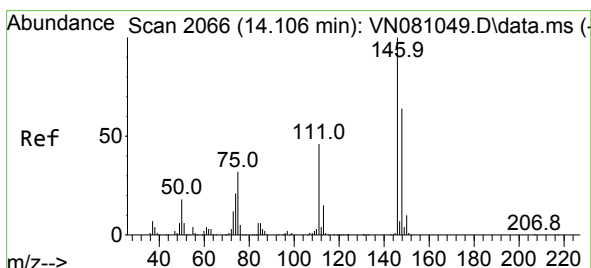
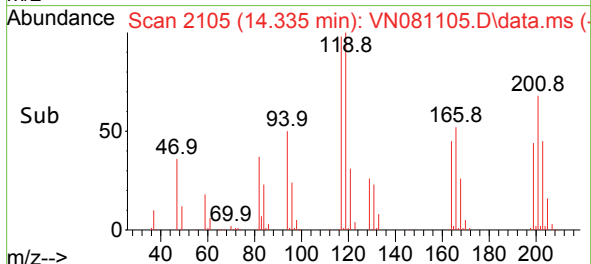
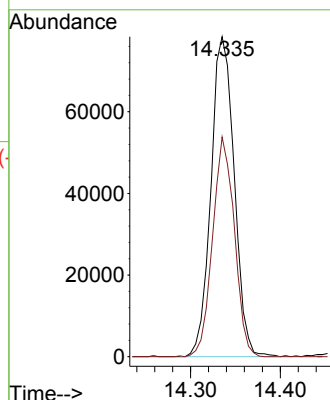
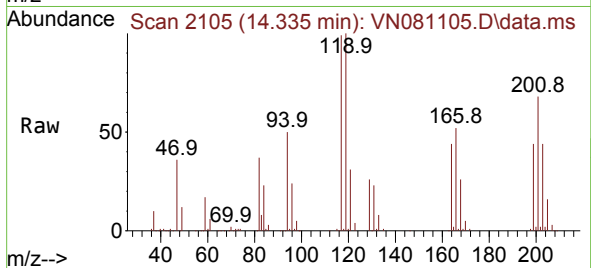
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:117 Resp: 141220

Ion Ratio Lower Upper

117 100

201 64.2 30.0 90.0



#91

1,2-Dichlorobenzene

Concen: 49.039 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

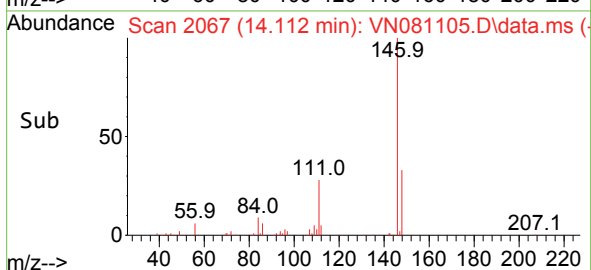
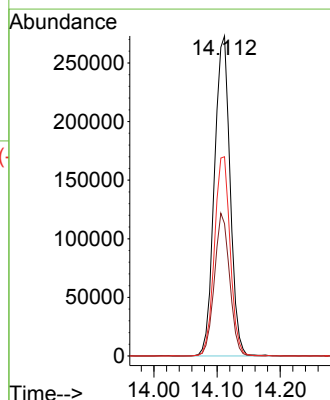
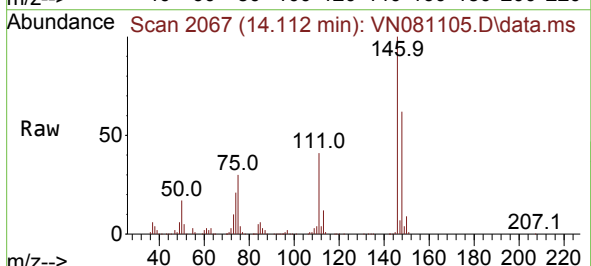
Tgt Ion:146 Resp: 471178

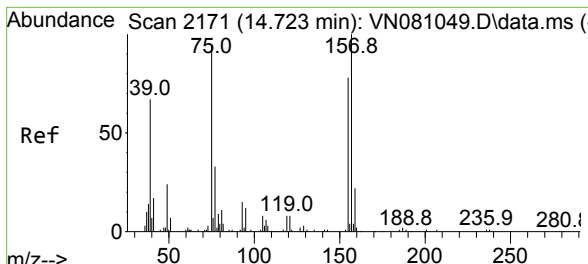
Ion Ratio Lower Upper

146 100

111 43.3 23.9 71.8

148 62.3 31.4 94.0

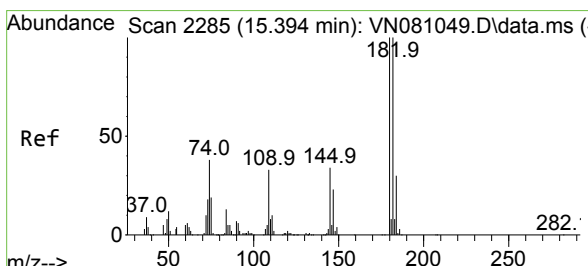
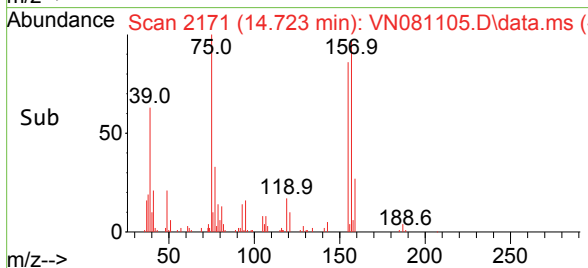
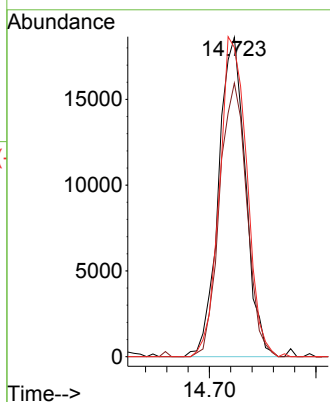
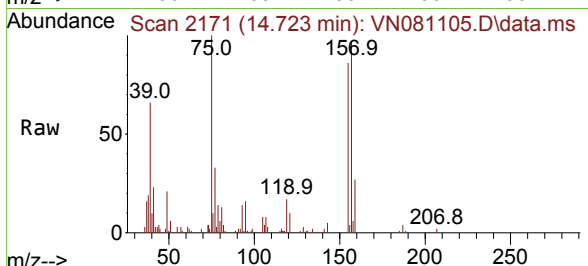




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.611 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

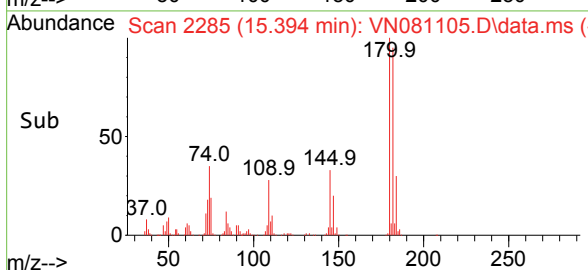
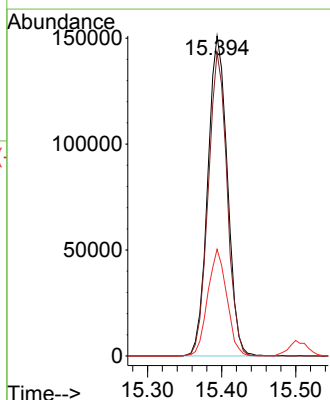
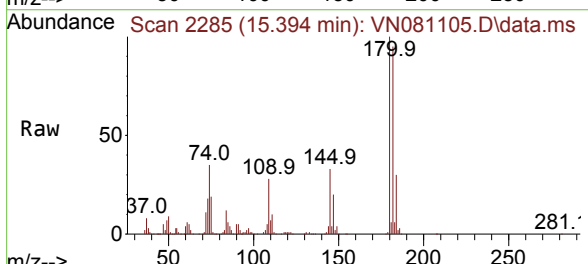
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

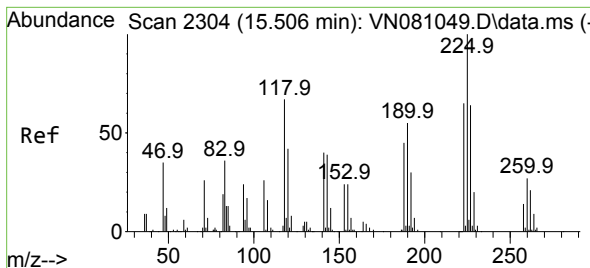
Tgt Ion:	75	Resp:	32641
Ion Ratio	Lower	Upper	
75	100		
155	86.7	31.8	95.4
157	101.7	41.1	123.4



#93
 1,2,4-Trichlorobenzene
 Concen: 51.658 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

Tgt Ion:	180	Resp:	276904
Ion Ratio	Lower	Upper	
180	100		
182	91.5	46.6	139.7
145	32.5	16.8	50.3





#94

Hexachlorobutadiene

Concen: 46.895 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

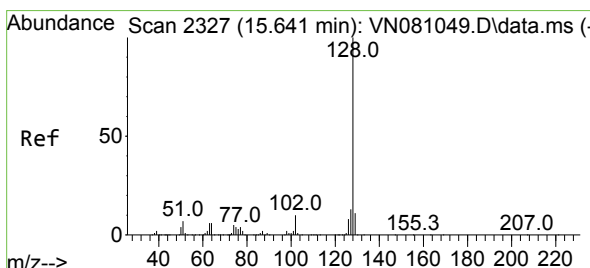
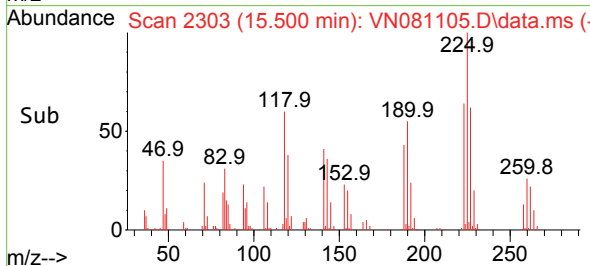
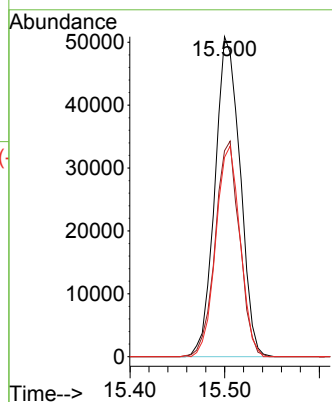
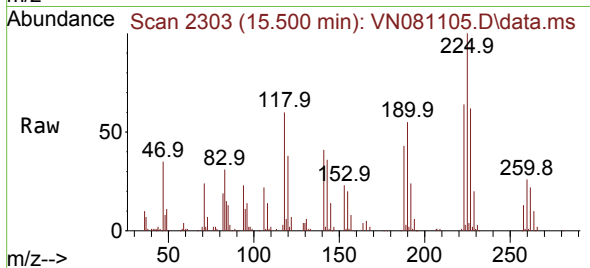
Tgt Ion:225 Resp: 93749

Ion Ratio Lower Upper

225 100

223 65.1 33.3 99.8

227 63.7 33.1 99.2



#95

Naphthalene

Concen: 52.973 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081105.D

Acq: 20 Feb 2024 17:52

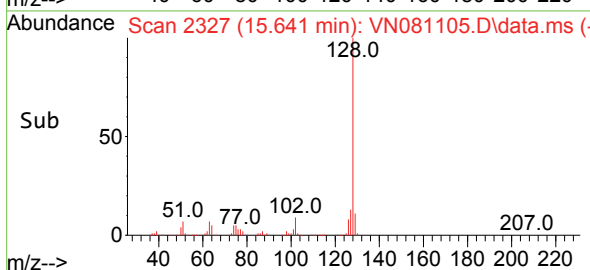
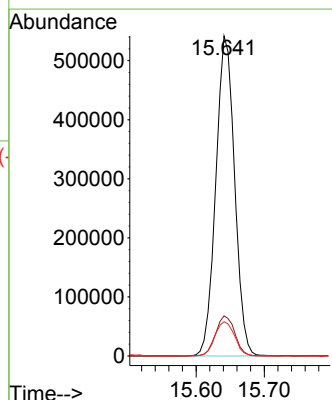
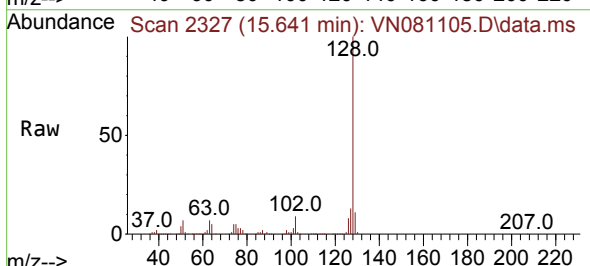
Tgt Ion:128 Resp: 1040561

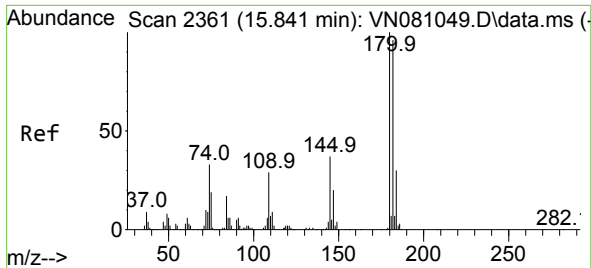
Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 52.620 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081105.D
 Acq: 20 Feb 2024 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:180 Resp: 279812
 Ion Ratio Lower Upper
 180 100
 182 93.6 46.5 139.3
 145 34.8 17.8 53.4

