

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081129.D
 Acq On : 22 Feb 2024 12:49
 Operator : JC\MD
 Sample : VN0222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:21:55 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	8.230	168	307244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	565479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	511522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	208692	55.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.840%	
35) Dibromofluoromethane	8.165	113	174187	54.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.940%	
50) Toluene-d8	10.571	98	584950	51.505	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.847	95	225181	52.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87400	21.996	ug/l	95
3) Chloromethane	2.359	50	83298	18.470	ug/l	98
4) Vinyl Chloride	2.512	62	85662	19.409	ug/l	97
5) Bromomethane	2.965	94	60478	19.293	ug/l #	77
6) Chloroethane	3.124	64	62142	21.270	ug/l	97
7) Trichlorofluoromethane	3.500	101	136080	21.105	ug/l	94
8) Diethyl Ether	3.959	74	52544	22.290	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	77318	21.511	ug/l	94
10) Methyl Iodide	4.583	142	82944	20.673	ug/l	96
11) Tert butyl alcohol	5.512	59	83058	119.926	ug/l	98
12) 1,1-Dichloroethene	4.342	96	70014	20.151	ug/l	89
13) Acrolein	4.177	56	37969	102.286	ug/l	92
14) Allyl chloride	5.030	41	103808	20.136	ug/l #	91
15) Acrylonitrile	5.718	53	212749	117.620	ug/l	98
16) Acetone	4.430	43	142631	96.254	ug/l	97
17) Carbon Disulfide	4.718	76	172004	17.748	ug/l	98
18) Methyl Acetate	5.024	43	96463	26.685	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	266145	22.365	ug/l	100
20) Methylene Chloride	5.277	84	88043	22.455	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	79209	20.433	ug/l	87
22) Diisopropyl ether	6.665	45	265793	22.728	ug/l #	95
23) Vinyl Acetate	6.600	43	1064396	112.179	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	151084	22.343	ug/l	95
25) 2-Butanone	7.483	43	265978	111.106	ug/l	95
26) 2,2-Dichloropropane	7.494	77	130368	20.576	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93019	20.653	ug/l	88
28) Bromochloromethane	7.818	49	64285	22.932	ug/l #	69
29) Tetrahydrofuran	7.841	42	183506	114.831	ug/l #	87
30) Chloroform	7.965	83	161895	22.521	ug/l	99
31) Cyclohexane	8.259	56	133657	20.554	ug/l #	85
32) 1,1,1-Trichloroethane	8.171	97	140841	21.513	ug/l	92
36) 1,1-Dichloropropene	8.371	75	115693	21.119	ug/l	96
37) Ethyl Acetate	7.559	43	116302	23.523	ug/l	95
38) Carbon Tetrachloride	8.359	117	118044	21.298	ug/l	96
39) Methylcyclohexane	9.600	83	132618	20.767	ug/l	89
40) Benzene	8.606	78	341380	21.529	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	61921	22.006	ug/l	93
42) 1,2-Dichloroethane	8.671	62	124075	22.428	ug/l	96
43) Isopropyl Acetate	8.688	43	207311	23.975	ug/l	97
44) Trichloroethene	9.353	130	87229	20.654	ug/l	96
45) 1,2-Dichloropropane	9.624	63	87386	22.031	ug/l	100
46) Dibromomethane	9.712	93	63795	22.074	ug/l	92
47) Bromodichloromethane	9.888	83	122480	22.377	ug/l #	98
48) Methyl methacrylate	9.682	41	89463	22.235	ug/l	89
49) 1,4-Dioxane	9.694	88	37631	487.799	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	593452	119.307	ug/l	95
52) Toluene	10.635	92	216703	21.587	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	133047	21.874	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	143488	21.834	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	90302	23.389	ug/l	92
56) Ethyl methacrylate	10.876	69	131572	22.297	ug/l	89
57) 1,3-Dichloropropane	11.165	76	154300	23.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	277940	93.877	ug/l #	87
59) 2-Hexanone	11.194	43	430294	109.114	ug/l	93
60) Dibromochloromethane	11.359	129	87281	21.280	ug/l	98
61) 1,2-Dibromoethane	11.471	107	91109	22.440	ug/l	94
64) Tetrachloroethene	11.106	164	75535	21.636	ug/l	89
65) Chlorobenzene	11.894	112	232311	20.984	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	86644	21.790	ug/l	97
67) Ethyl Benzene	11.965	91	417406	21.070	ug/l	99
68) m/p-Xylenes	12.076	106	311694	41.048	ug/l	96
69) o-Xylene	12.400	106	155671	20.682	ug/l	95
70) Styrene	12.412	104	247457	20.747	ug/l	97
71) Bromoform	12.576	173	56275	22.307	ug/l #	100
73) Isopropylbenzene	12.700	105	404113	20.623	ug/l	97
74) N-amyl acetate	12.494	43	171435	20.701	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	123035	22.330	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	157910	31.033	ug/l	62
77) Bromobenzene	12.982	156	89099	20.393	ug/l	79
78) n-propylbenzene	13.035	91	463330	20.540	ug/l	95
79) 2-Chlorotoluene	13.129	91	282965	20.451	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	333786	21.009	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	43764	22.137	ug/l	99
82) 4-Chlorotoluene	13.223	91	272830	20.167	ug/l	93
83) tert-Butylbenzene	13.441	119	299123	21.774	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	332272	20.988	ug/l	96
85) sec-Butylbenzene	13.617	105	407906	21.359	ug/l	94
86) p-Isopropyltoluene	13.729	119	324727	20.471	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	163084	19.755	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	165562	20.410	ug/l	98
89) n-Butylbenzene	14.059	91	284389	20.578	ug/l	96
90) Hexachloroethane	14.335	117	53703	20.481	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	163130	20.489	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25019	21.840	ug/l	82
93) 1,2,4-Trichlorobenzene	15.400	180	89265	20.096	ug/l	99
94) Hexachlorobutadiene	15.506	225	31659	19.111	ug/l	97
95) Naphthalene	15.641	128	339487	20.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	92338	20.955	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

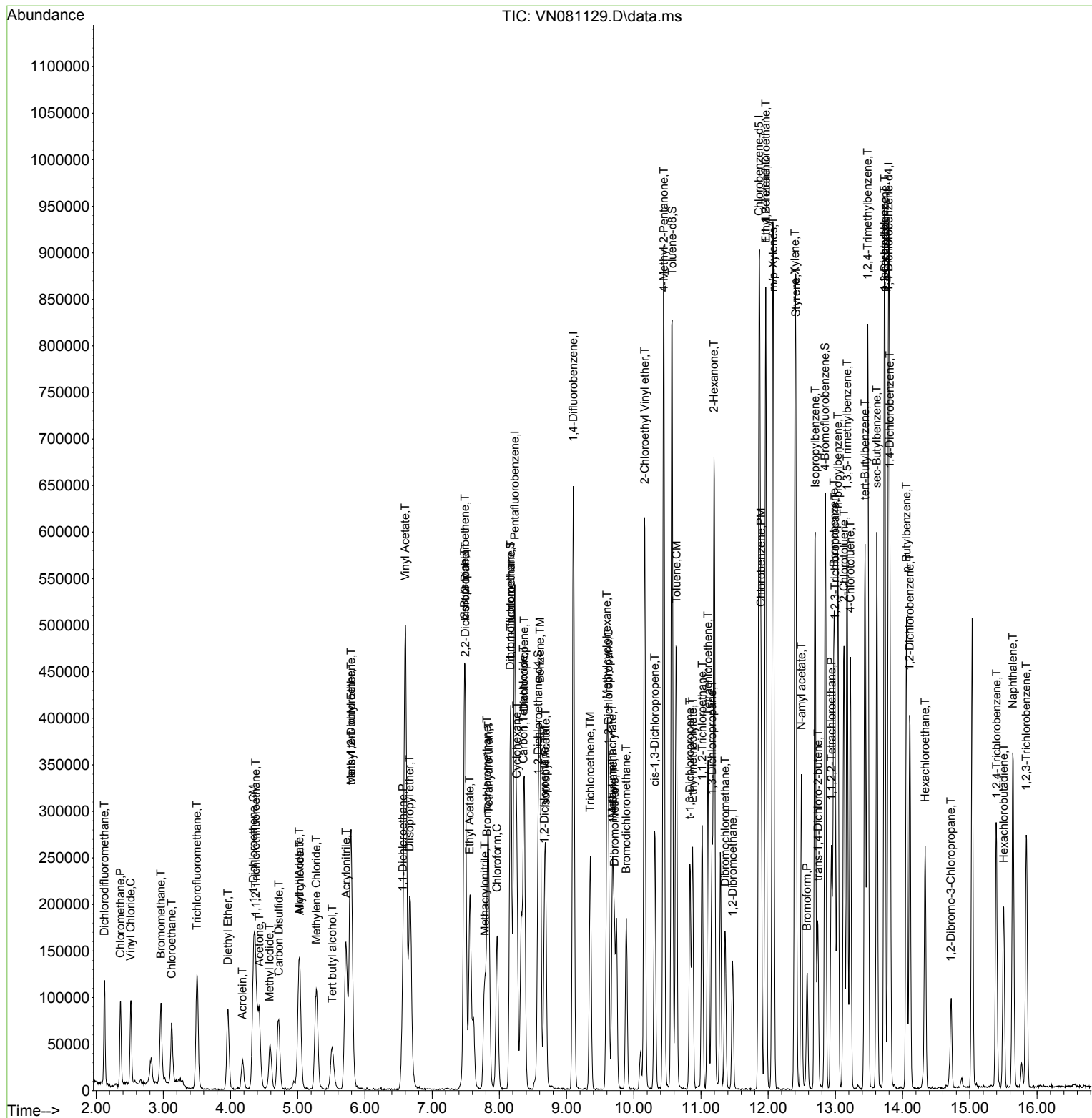
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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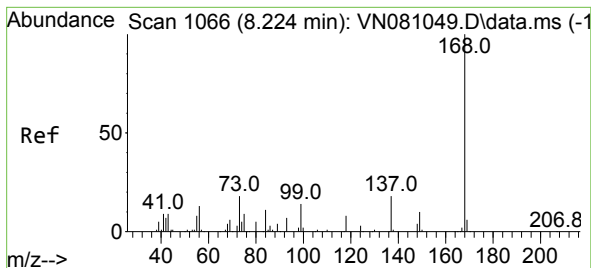
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

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Instrument :

MSVOA_N

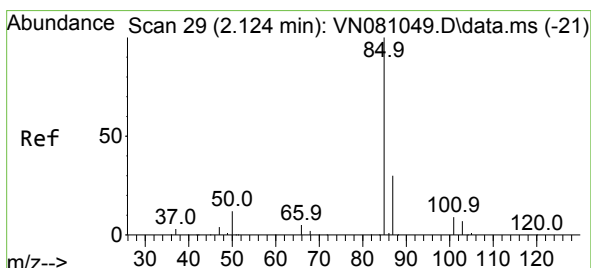
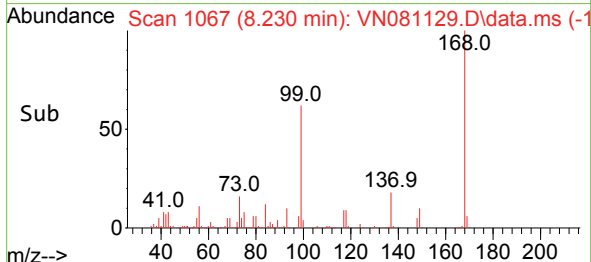
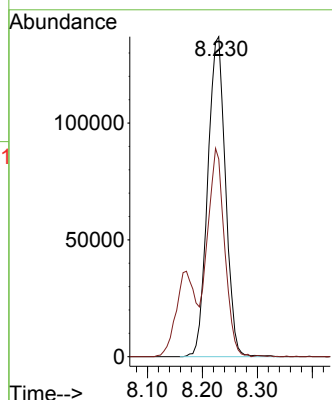
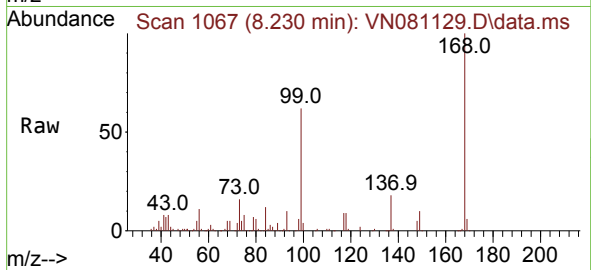
ClientSampleId :

Tgt Ion:168 Resp: 307244

Ion Ratio Lower Upper

168 100

99 61.8 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 21.996 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081129.D

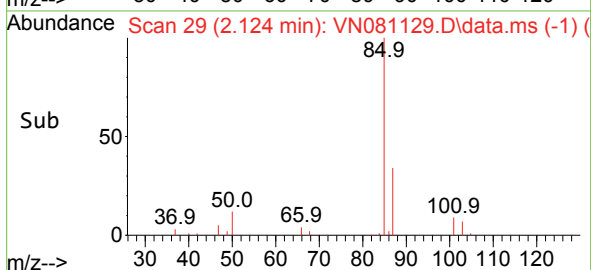
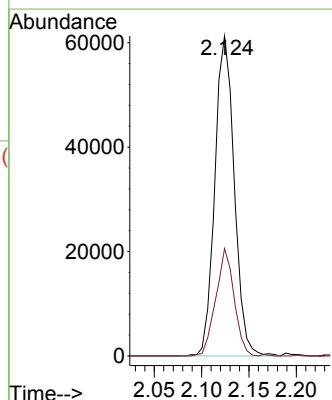
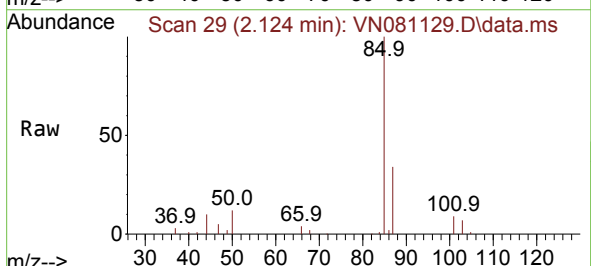
Acq: 22 Feb 2024 12:49

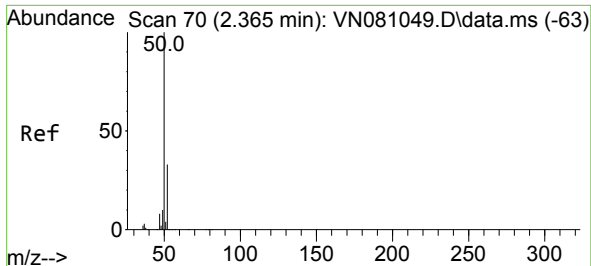
Tgt Ion: 85 Resp: 87400

Ion Ratio Lower Upper

85 100

87 33.5 15.3 45.9

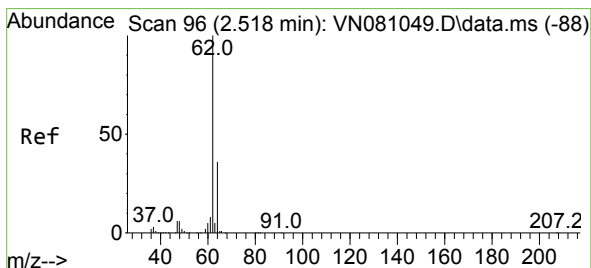
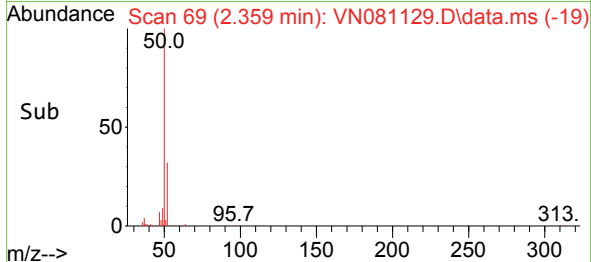
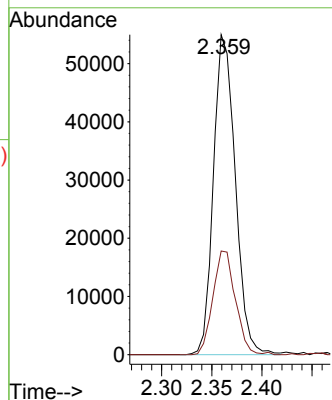
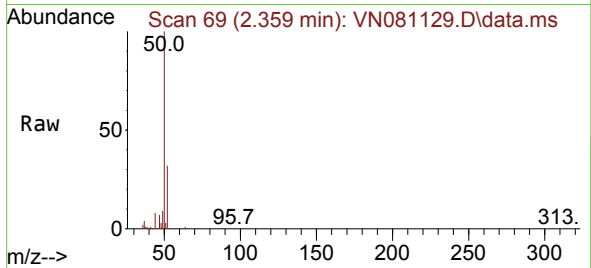




#3
Chloromethane
Concen: 18.470 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

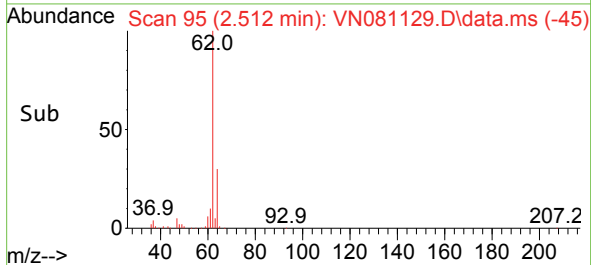
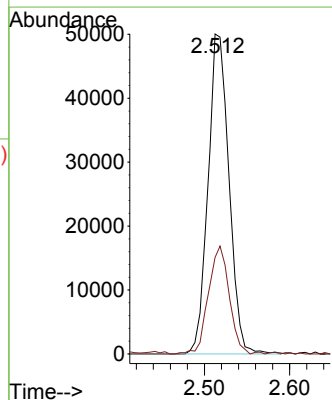
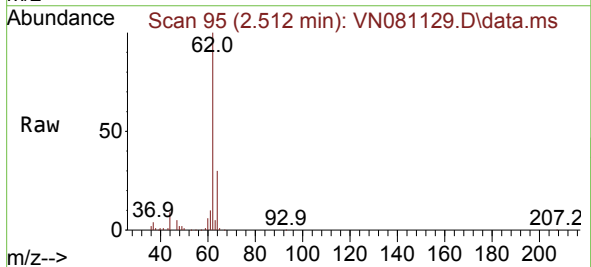
Instrument :
MSVOA_N
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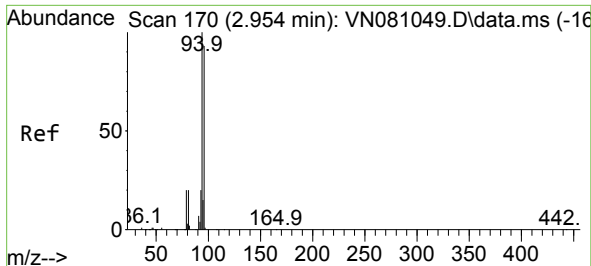
Tgt Ion: 50 Resp: 83298
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4



#4
Vinyl Chloride
Concen: 19.409 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 62 Resp: 85662
Ion Ratio Lower Upper
62 100
64 29.8 22.7 34.1

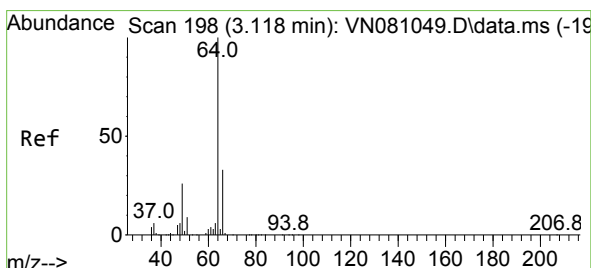
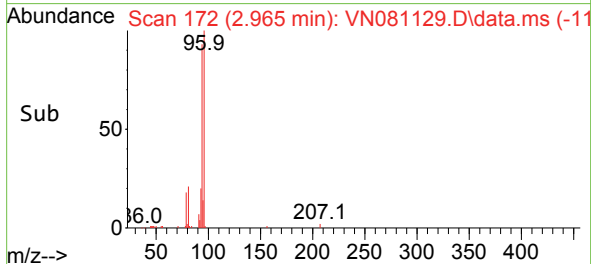
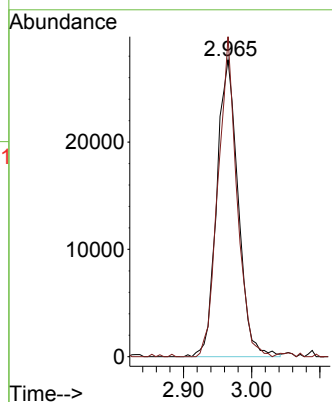
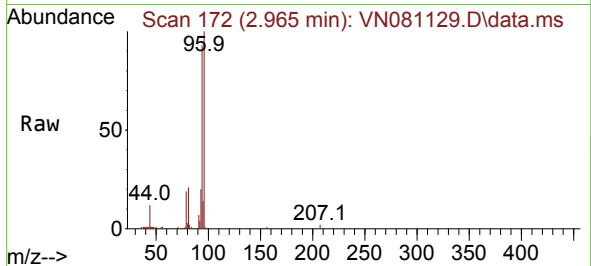




#5
Bromomethane
Concen: 19.293 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

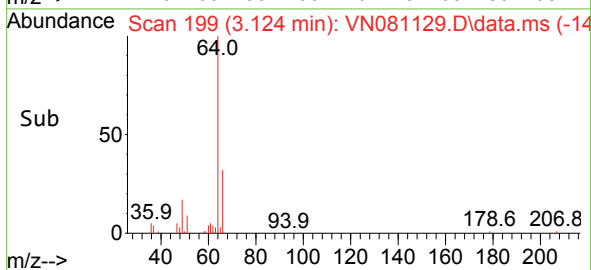
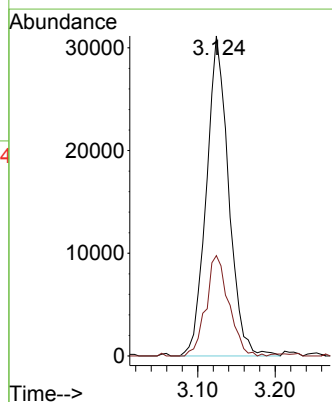
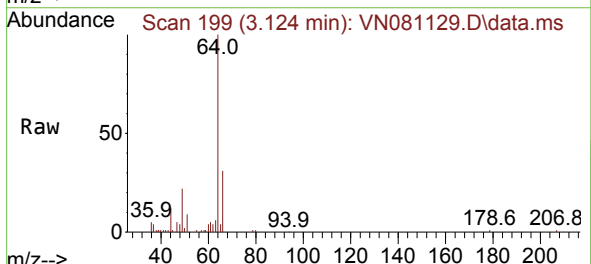
Instrument :
MSVOA_N
ClientSampleId :

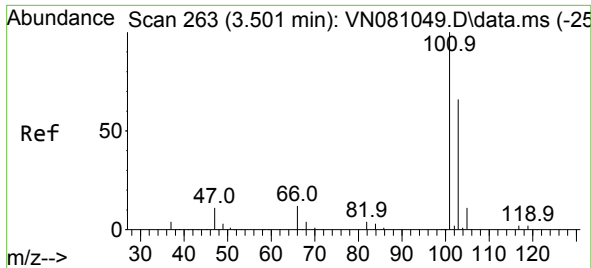
Tgt Ion: 94 Resp: 60478
Ion Ratio Lower Upper
94 100
96 107.7 69.2 103.8#



#6
Chloroethane
Concen: 21.270 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 64 Resp: 62142
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6

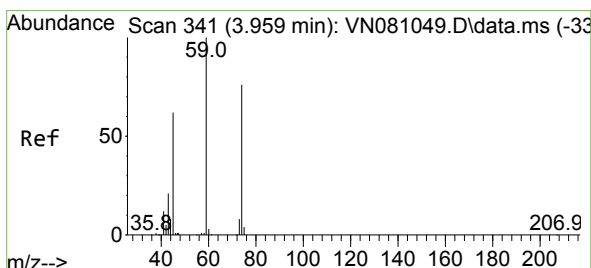
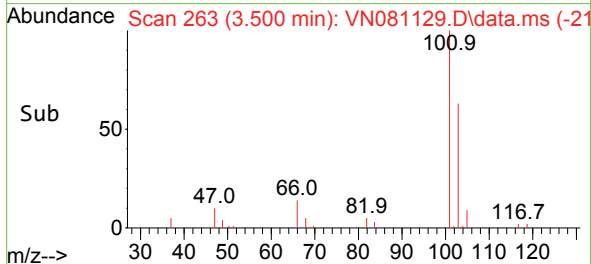
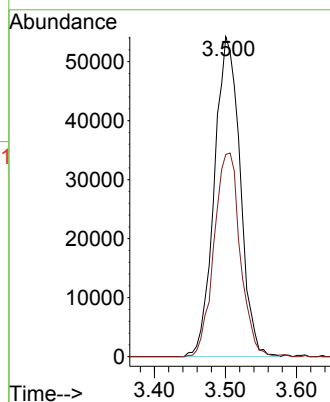
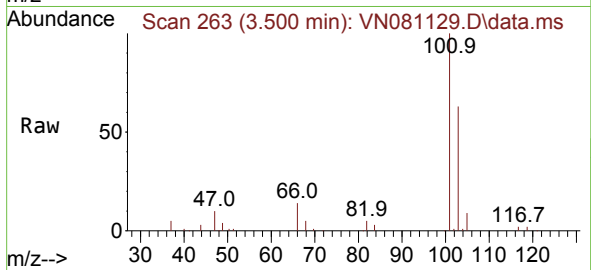




#7
 Trichlorofluoromethane
 Concen: 21.105 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

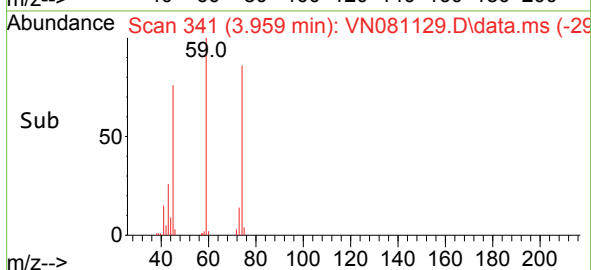
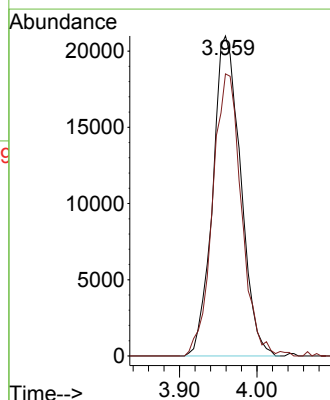
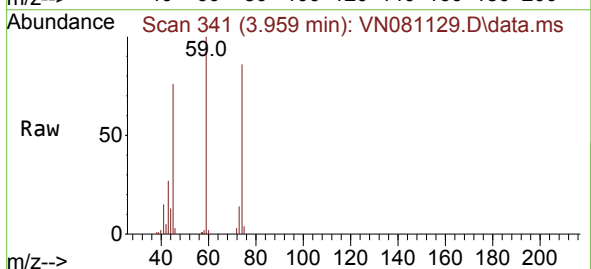
Instrument :
 MSVOA_N
 ClientSampleId :

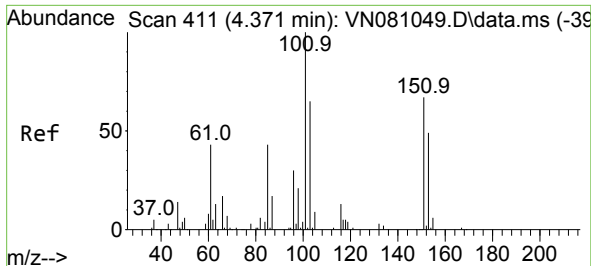
Tgt Ion:101 Resp: 136080
 Ion Ratio Lower Upper
 101 100
 103 63.2 54.4 81.6



#8
 Diethyl Ether
 Concen: 22.290 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 52544
 Ion Ratio Lower Upper
 74 100
 45 90.6 53.3 159.9

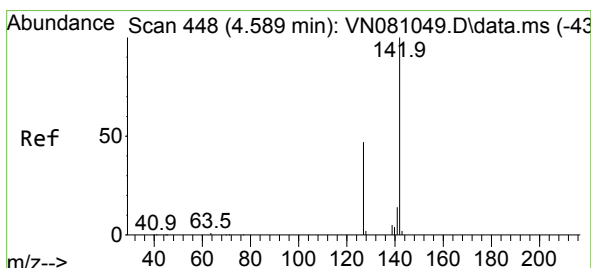
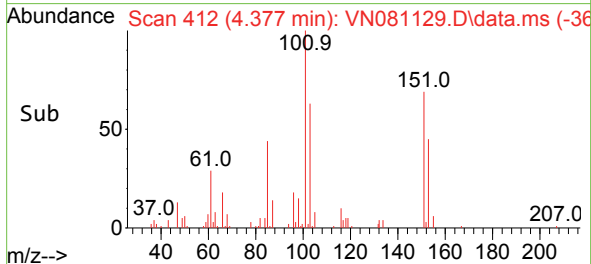
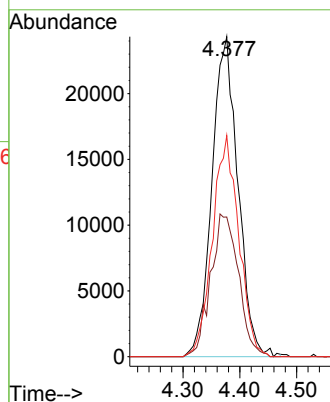
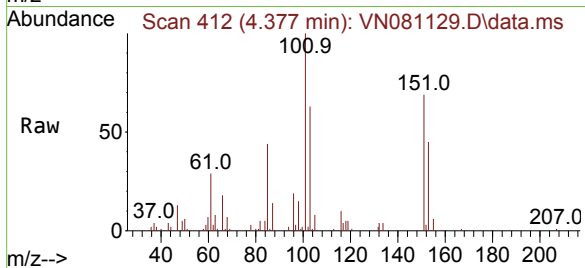




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.511 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
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Acq: 22 Feb 2024 12:49

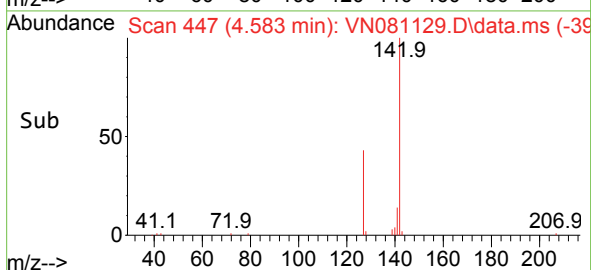
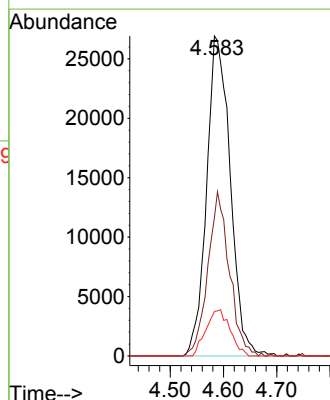
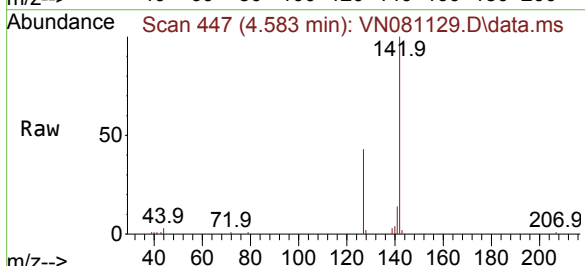
Instrument :
MSVOA_N
ClientSampleId :

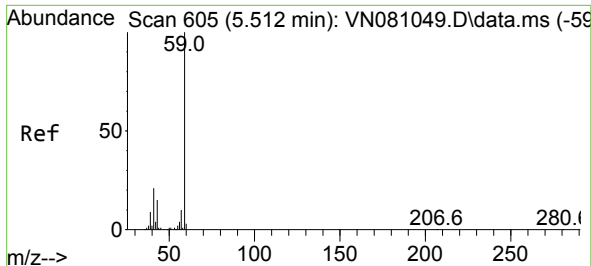
Tgt Ion:101 Resp: 77318
Ion Ratio Lower Upper
101 100
85 47.7 38.1 57.1
151 69.8 49.1 73.7



#10
Methyl Iodide
Concen: 20.673 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:142 Resp: 82944
Ion Ratio Lower Upper
142 100
127 43.3 37.0 55.4
141 13.9 12.5 18.7

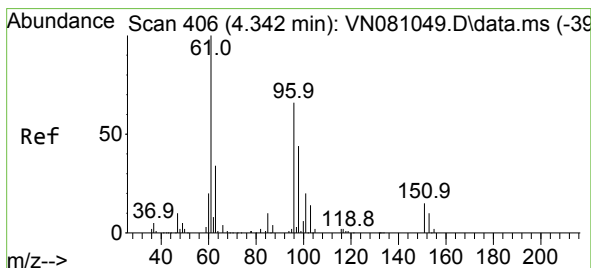
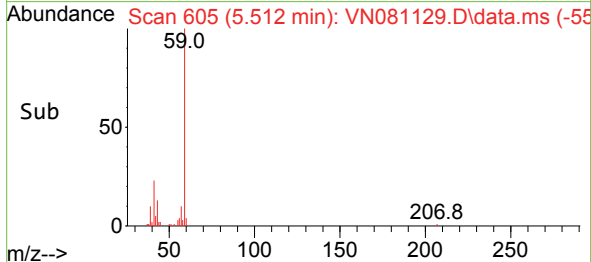
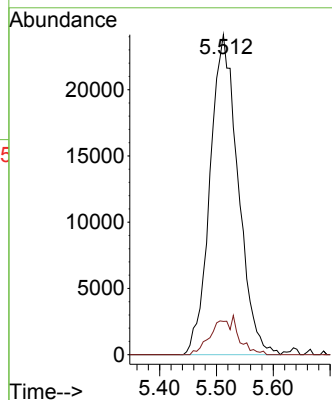
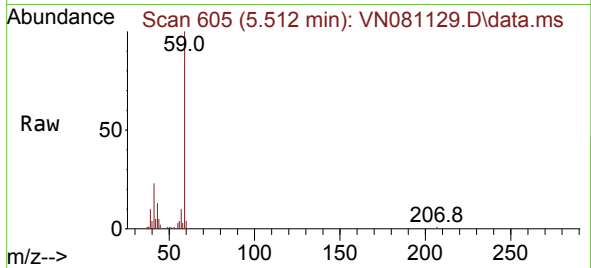




#11
Tert butyl alcohol
Concen: 119.926 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

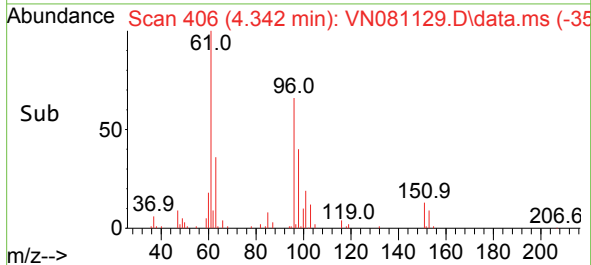
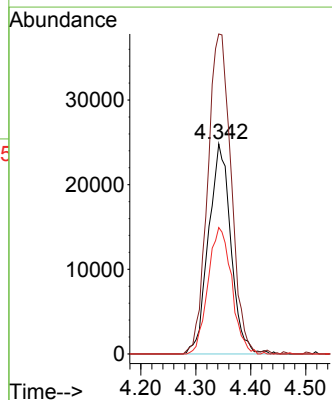
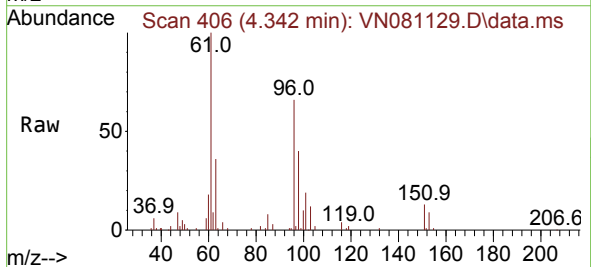
Instrument :
MSVOA_N
ClientSampleId :

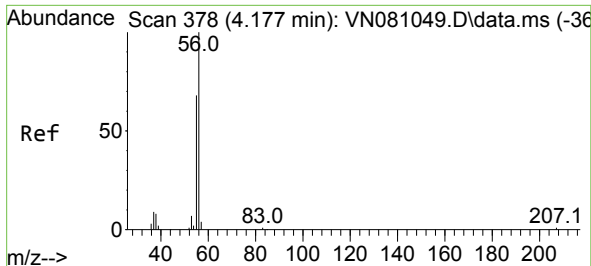
Tgt Ion: 59 Resp: 83058
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.151 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

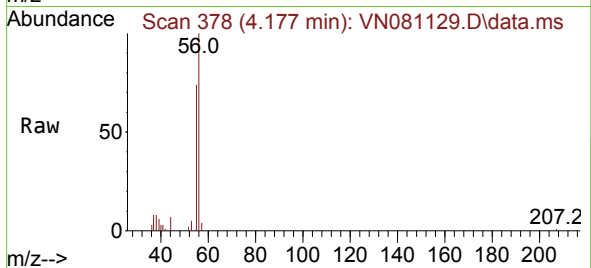
Tgt Ion: 96 Resp: 70014
Ion Ratio Lower Upper
96 100
61 152.3 138.2 207.4
98 60.2 49.2 73.8



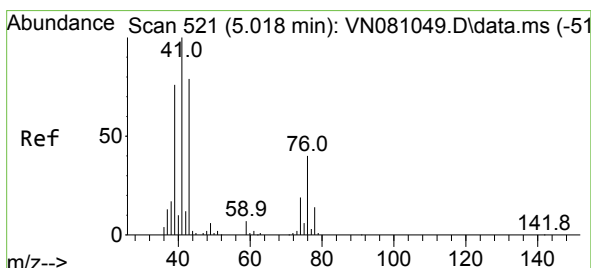
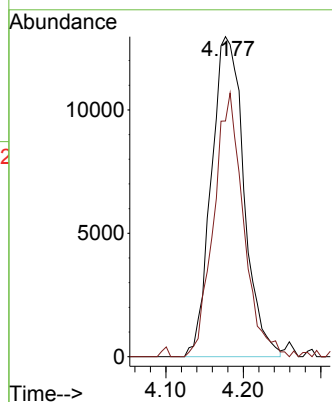
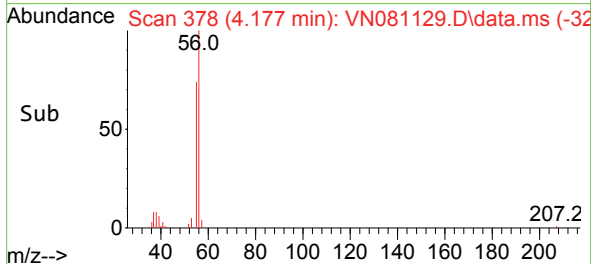


#13
Acrolein
Concen: 102.286 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

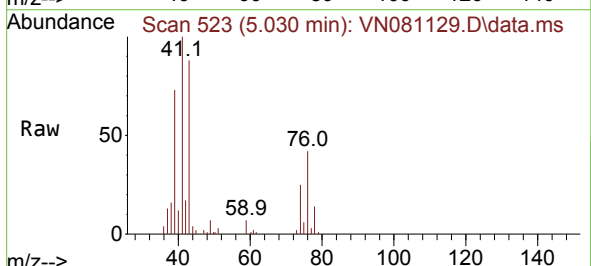
Instrument :
MSVOA_N
ClientSampleId :



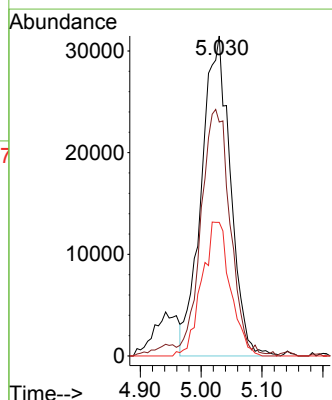
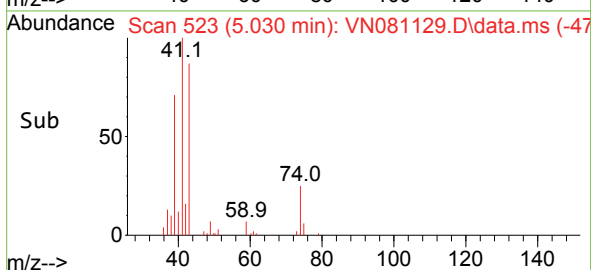
Tgt Ion: 56 Resp: 37969
Ion Ratio Lower Upper
56 100
55 75.2 55.3 82.9

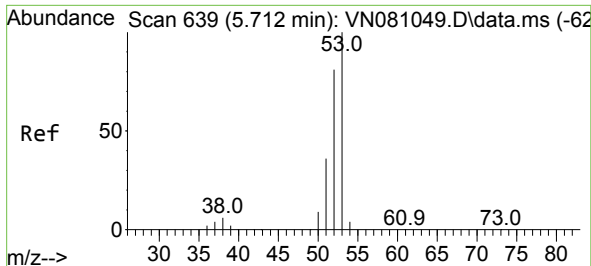


#14
Allyl chloride
Concen: 20.136 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



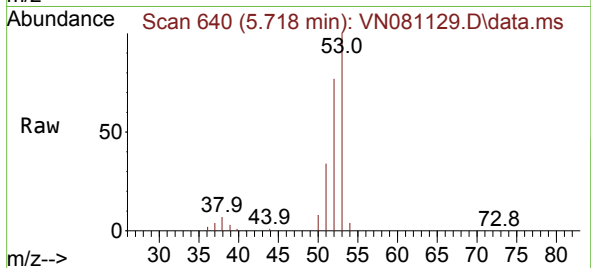
Tgt Ion: 41 Resp: 103808
Ion Ratio Lower Upper
41 100
39 78.1 57.7 86.5
76 41.4 26.8 40.2#



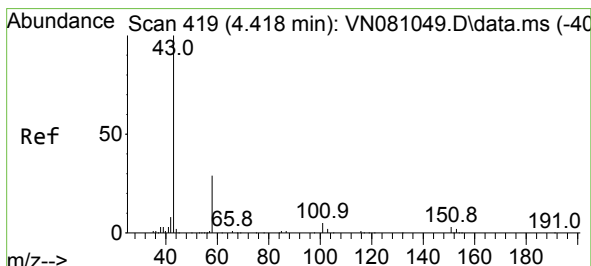
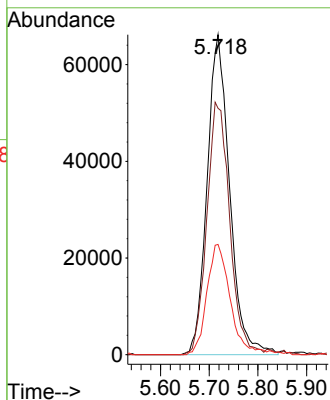
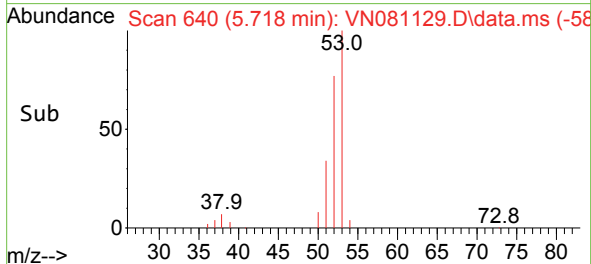


#15
Acrylonitrile
Concen: 117.620 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

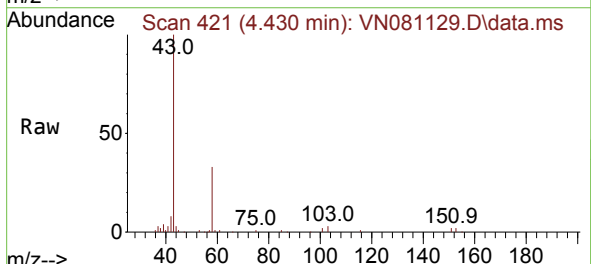
Instrument :
MSVOA_N
ClientSampleId :



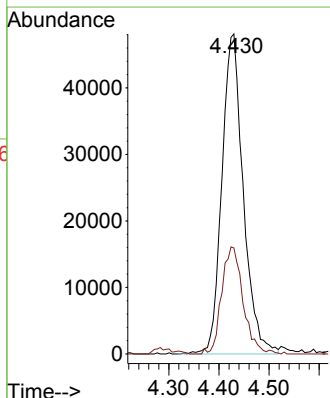
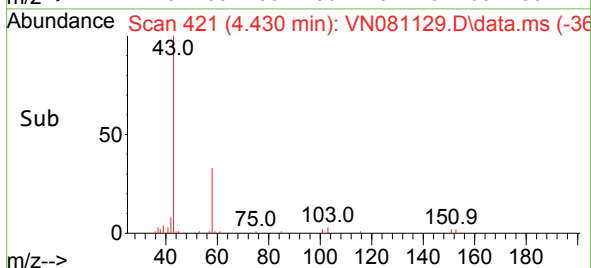
Tgt Ion: 53 Resp: 212749
Ion Ratio Lower Upper
53 100
52 79.9 64.8 97.2
51 36.0 26.9 40.3

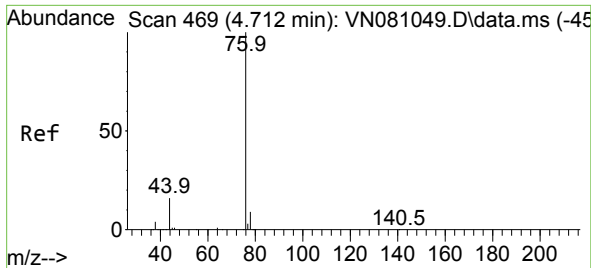


#16
Acetone
Concen: 96.254 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



Tgt Ion: 43 Resp: 142631
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2





#17

Carbon Disulfide

Concen: 17.748 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

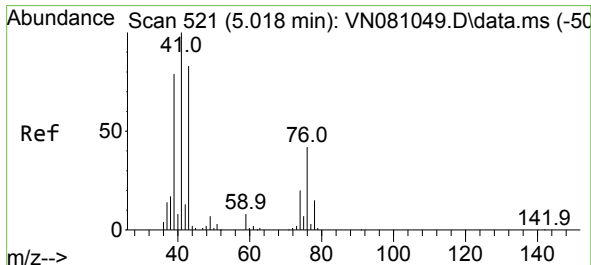
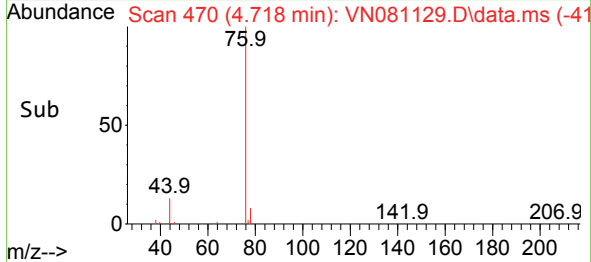
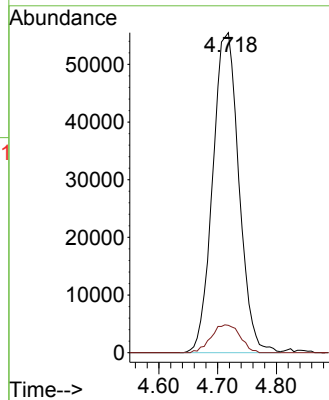
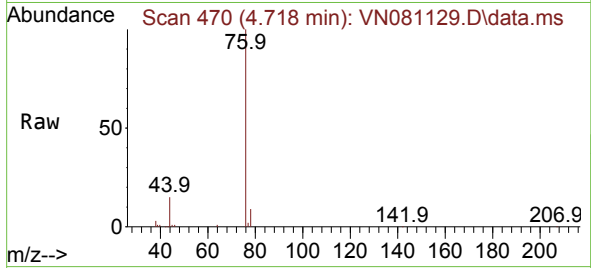
ClientSampleId :

Tgt Ion: 76 Resp: 172004

Ion Ratio Lower Upper

76 100

78 8.6 6.3 9.5



#18

Methyl Acetate

Concen: 26.685 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081129.D

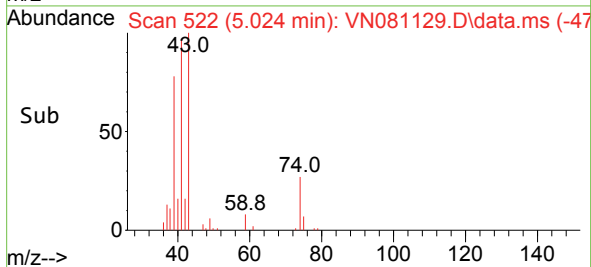
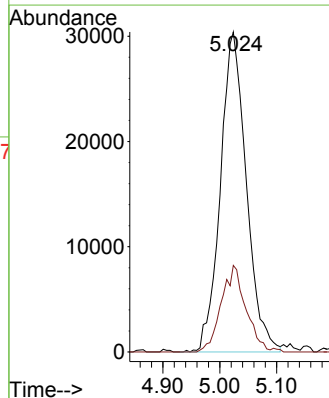
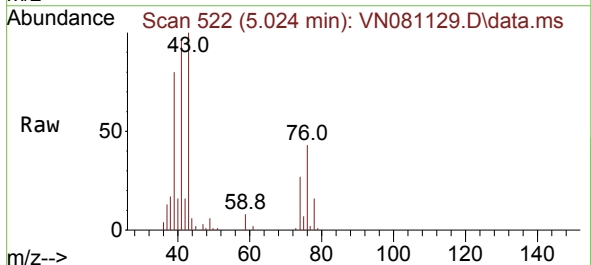
Acq: 22 Feb 2024 12:49

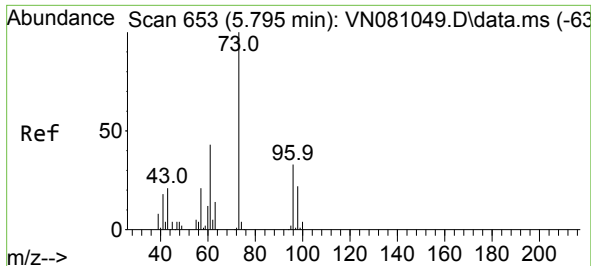
Tgt Ion: 43 Resp: 96463

Ion Ratio Lower Upper

43 100

74 25.5 17.3 25.9

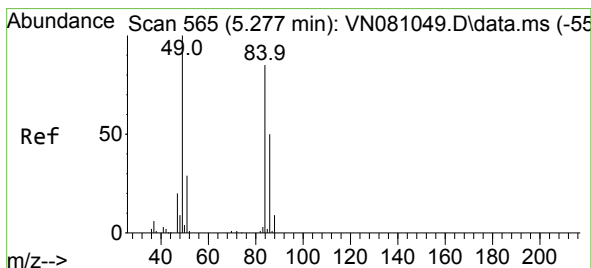
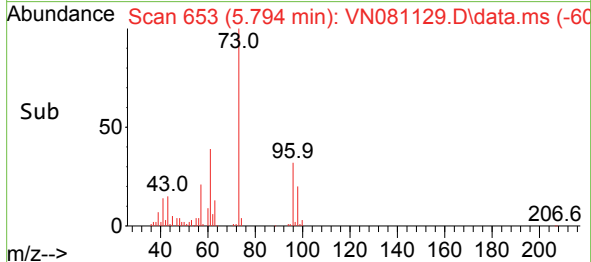
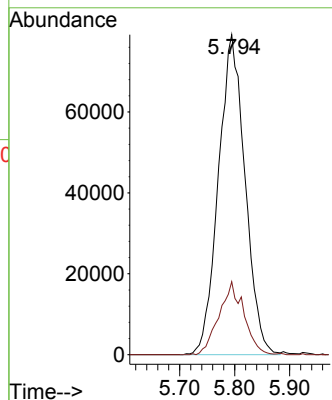
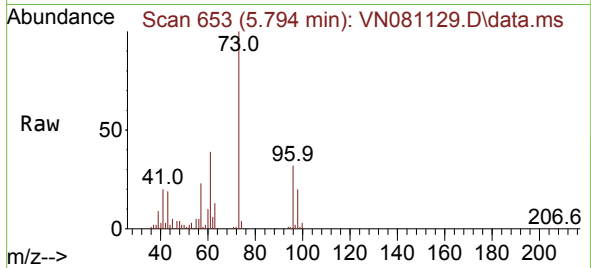




#19
Methyl tert-butyl Ether
Concen: 22.365 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

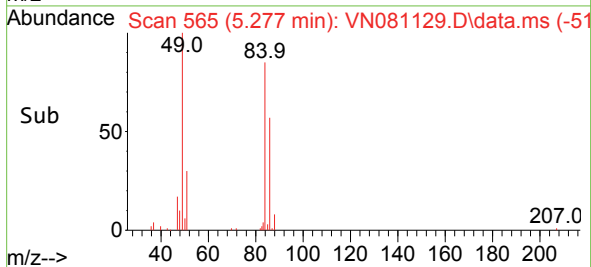
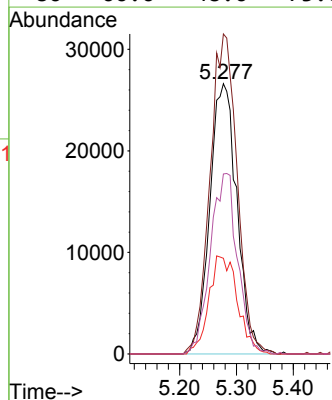
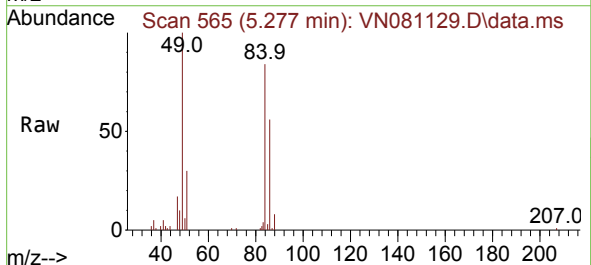
Instrument :
MSVOA_N
ClientSampleId :

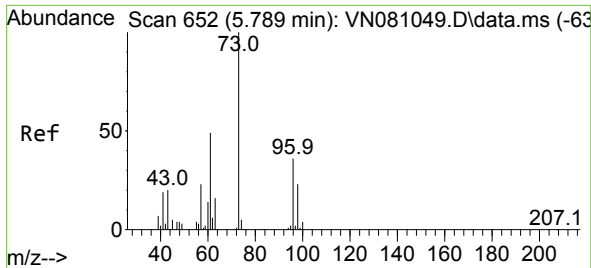
Tgt Ion: 73 Resp: 266145
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 22.455 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 84 Resp: 88043
Ion Ratio Lower Upper
84 100
49 118.4 108.1 162.1
51 35.4 32.9 49.3
86 66.6 48.6 73.0

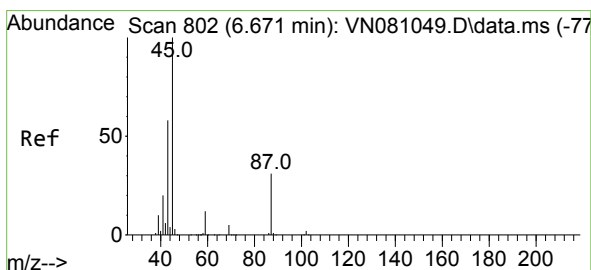
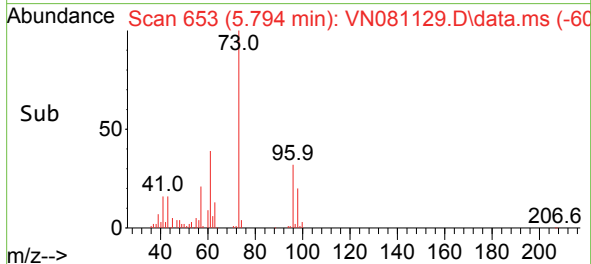
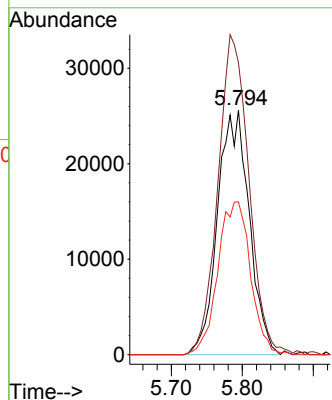
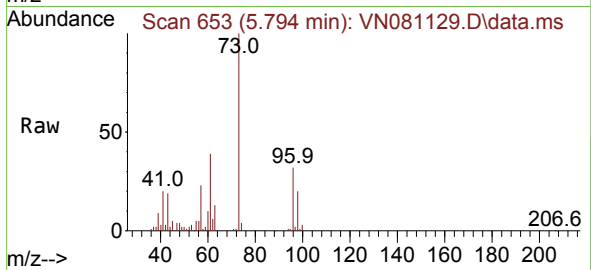




#21
trans-1,2-Dichloroethene
Concen: 20.433 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

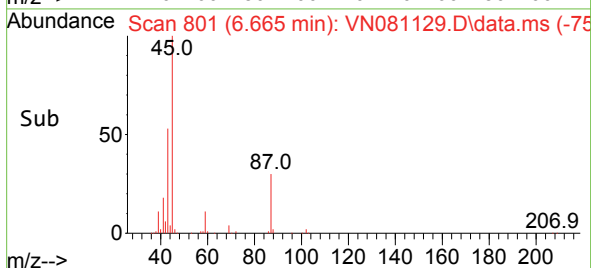
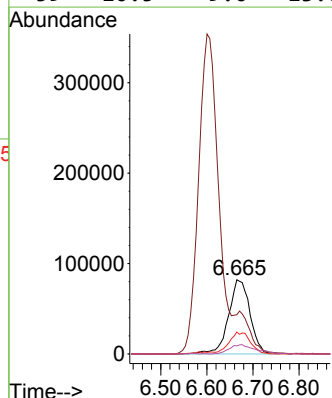
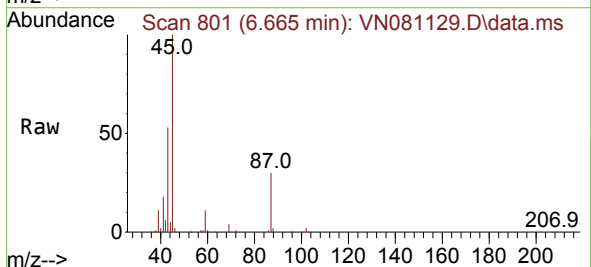
Instrument :
MSVOA_N
ClientSampleId :

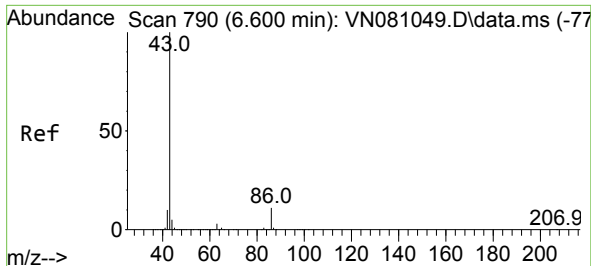
Tgt Ion: 96 Resp: 79209
Ion Ratio Lower Upper
96 100
61 119.4 112.8 169.2
98 62.4 51.0 76.4



#22
Diisopropyl ether
Concen: 22.728 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

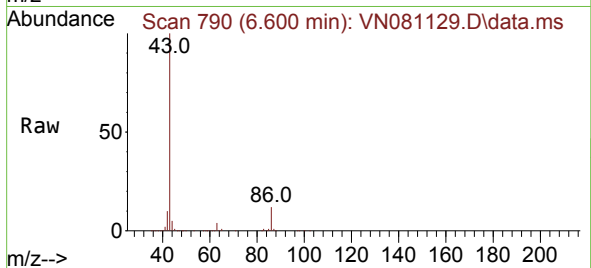
Tgt Ion: 45 Resp: 265793
Ion Ratio Lower Upper
45 100
43 51.4 41.8 62.8
87 29.3 18.1 27.1#
59 10.5 9.0 13.6



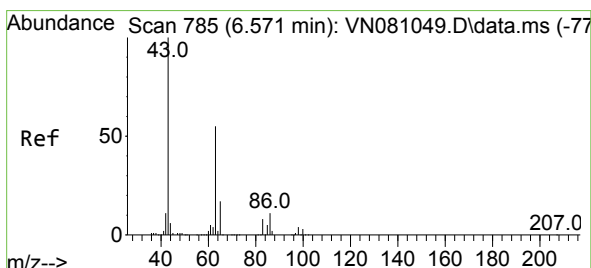
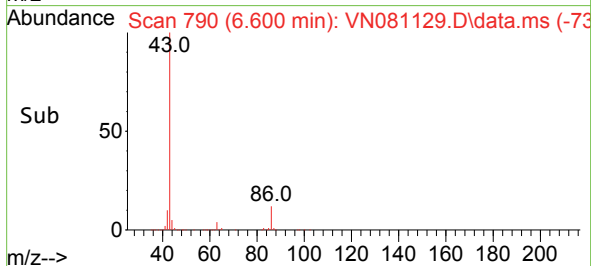
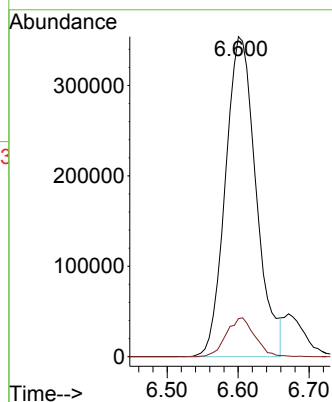


#23
 Vinyl Acetate
 Concen: 112.179 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Instrument :
 MSVOA_N
 ClientSampleId :

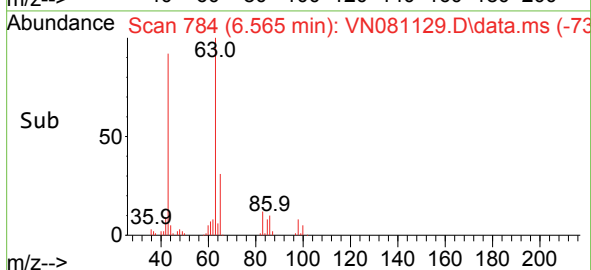
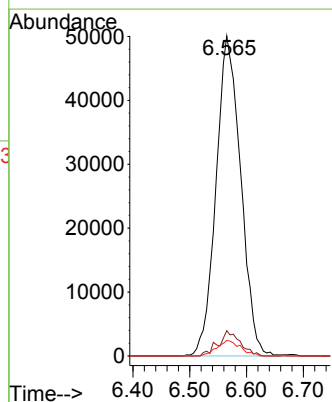
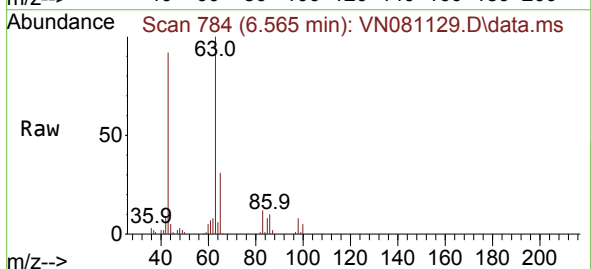


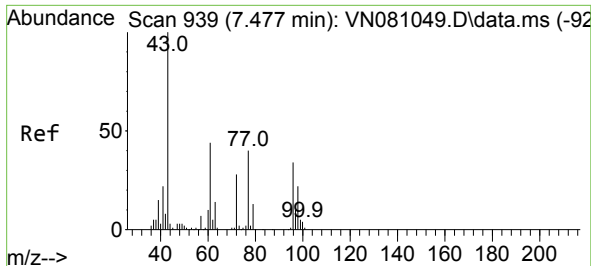
Tgt Ion: 43 Resp: 1064396
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.343 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Tgt Ion: 63 Resp: 151084
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 4.9 1.9 5.7

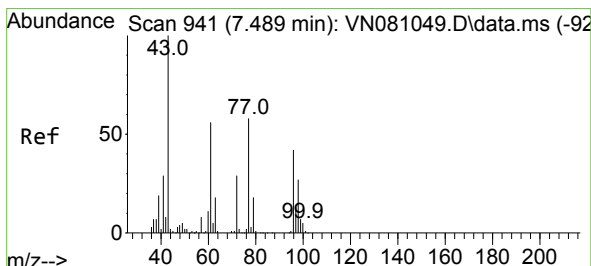
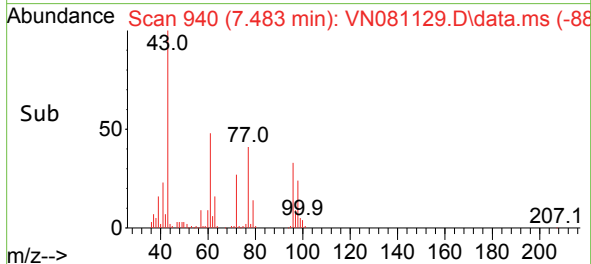
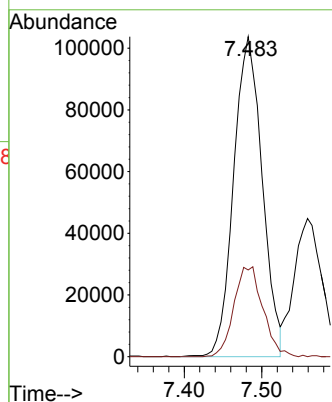
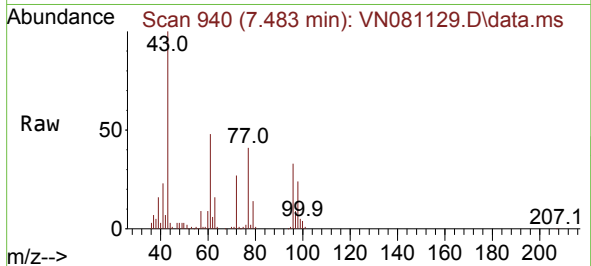




#25
2-Butanone
Concen: 111.106 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

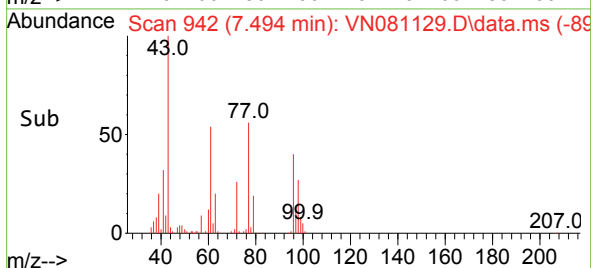
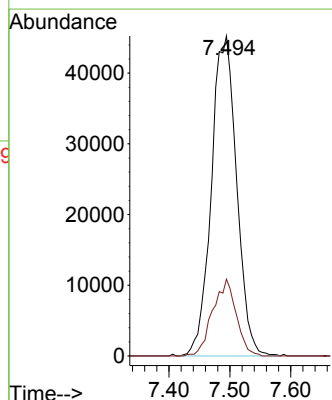
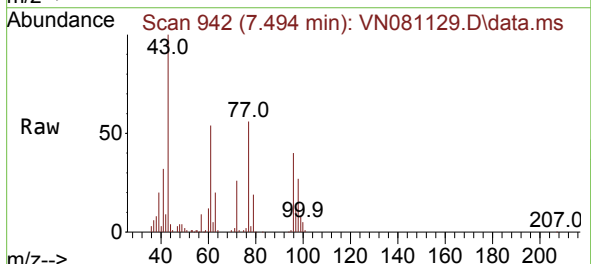
Instrument :
MSVOA_N
ClientSampleId :

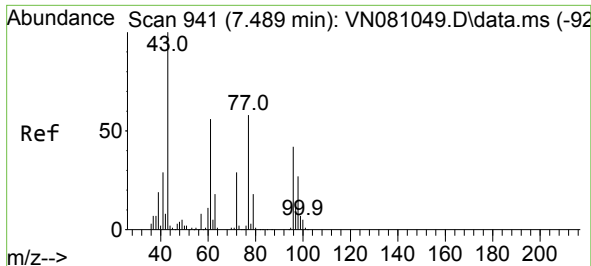
Tgt Ion: 43 Resp: 265978
Ion Ratio Lower Upper
43 100
72 27.1 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.576 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 77 Resp: 130368
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5

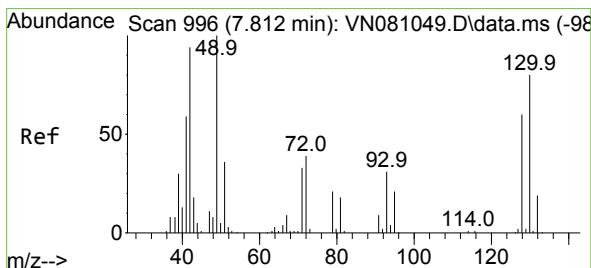
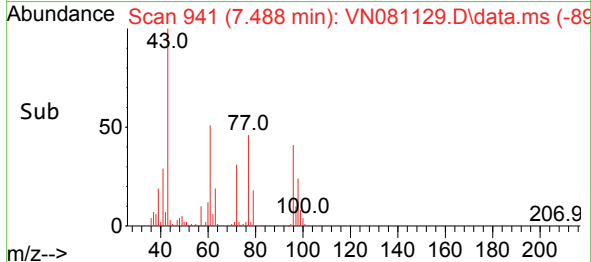
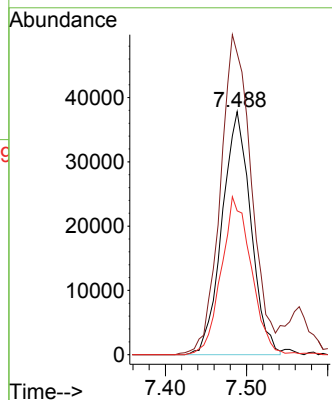
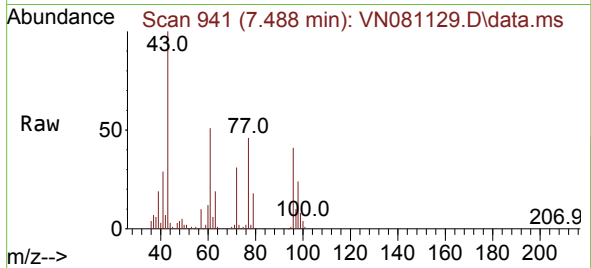




#27
 cis-1,2-Dichloroethene
 Concen: 20.653 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

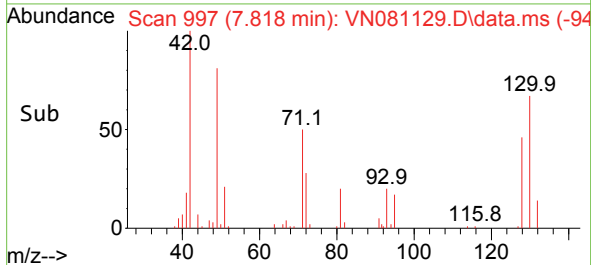
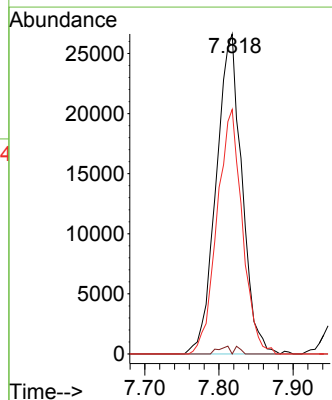
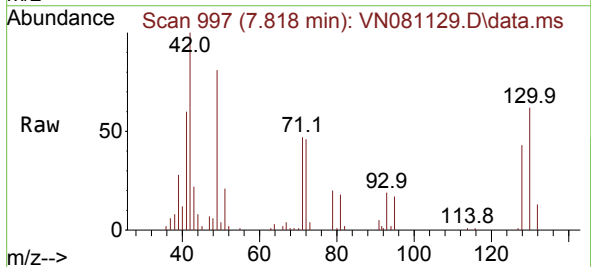
Instrument :
 MSVOA_N
 ClientSampleId :

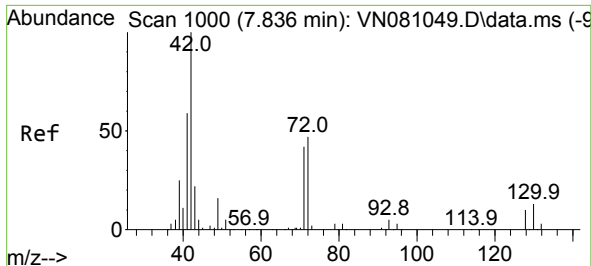
Tgt Ion: 96 Resp: 93019
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 325.4
 98 67.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 22.932 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Tgt Ion: 49 Resp: 64285
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.6
 130 75.1 42.3 63.5#

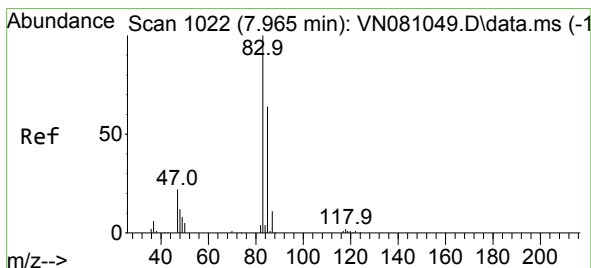
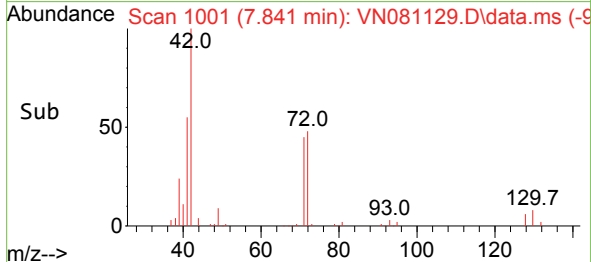
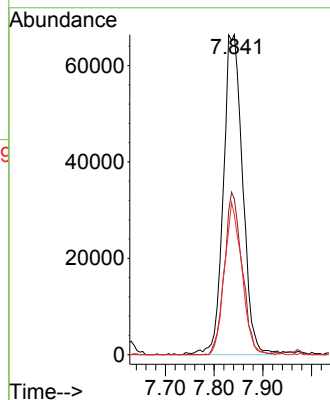
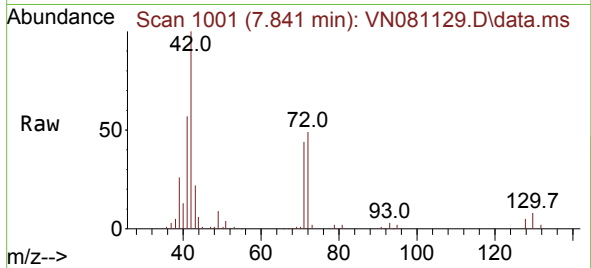




#29
Tetrahydrofuran
Concen: 114.831 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

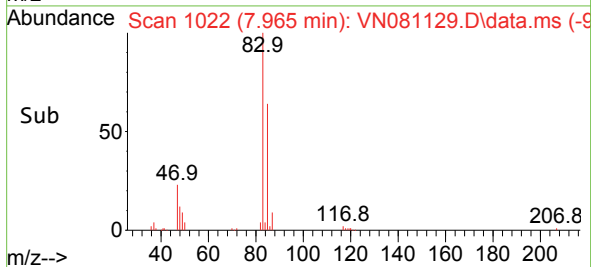
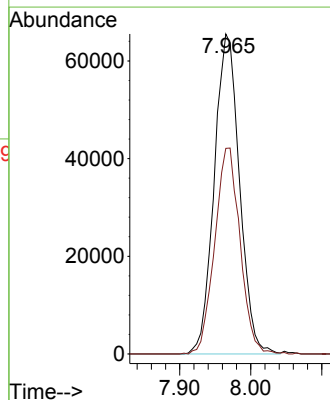
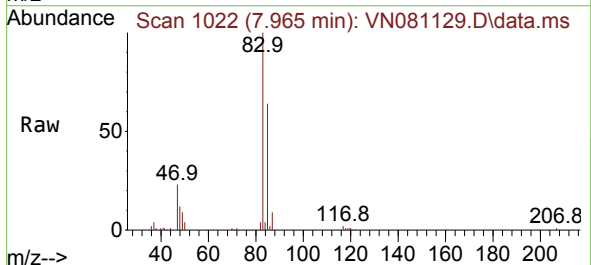
Instrument :
MSVOA_N
ClientSampleId :

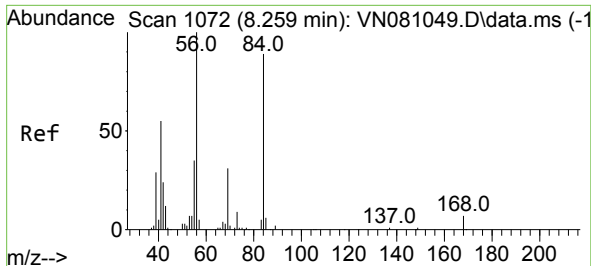
Tgt Ion: 42 Resp: 183506
Ion Ratio Lower Upper
42 100
72 46.6 31.1 46.7
71 43.1 28.3 42.5#



#30
Chloroform
Concen: 22.521 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

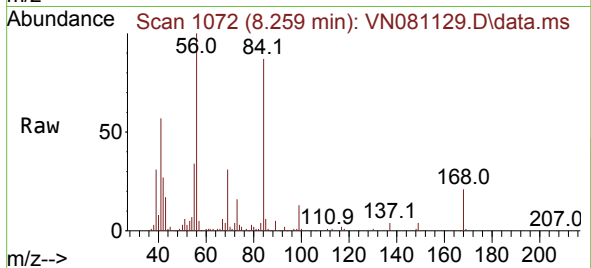
Tgt Ion: 83 Resp: 161895
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.6



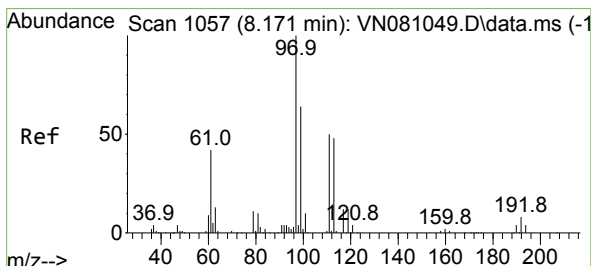
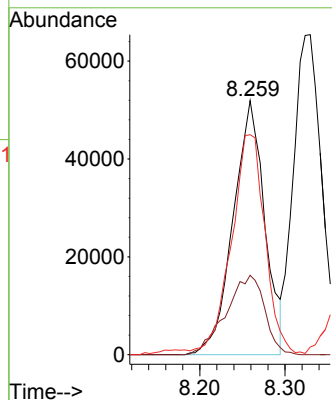
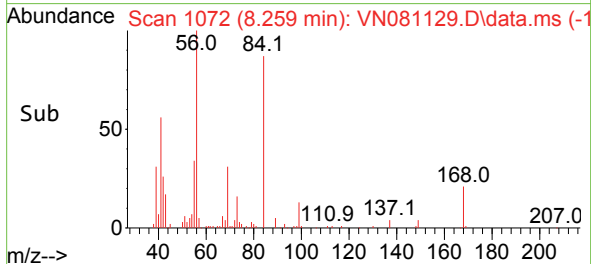


#31
Cyclohexane
Concen: 20.554 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

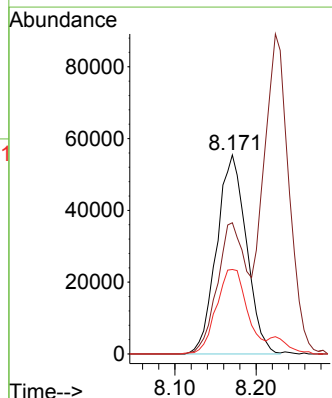
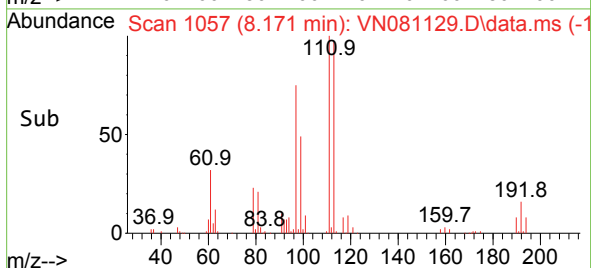
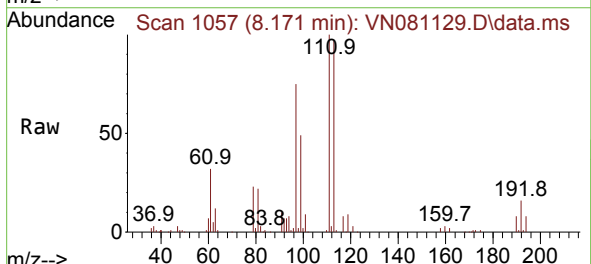


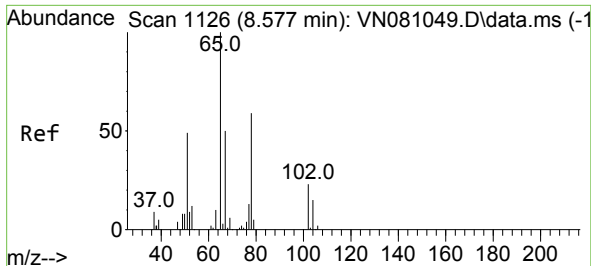
Tgt Ion: 56 Resp: 133657
Ion Ratio Lower Upper
56 100
69 31.2 20.1 30.1#
84 84.8 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 21.513 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 97 Resp: 140841
Ion Ratio Lower Upper
97 100
99 64.4 53.4 80.0
61 44.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 55.416 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

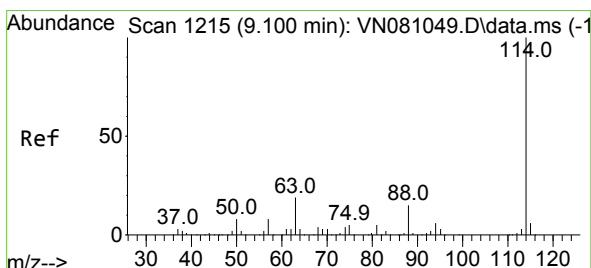
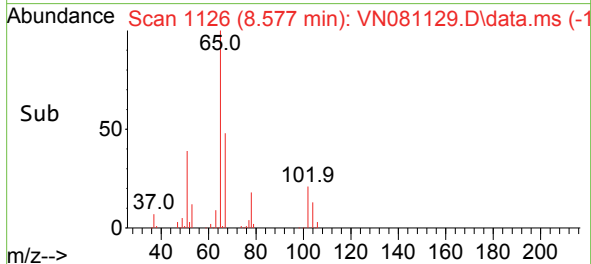
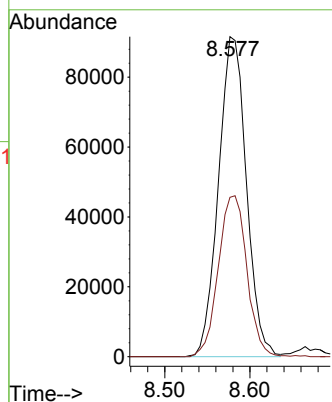
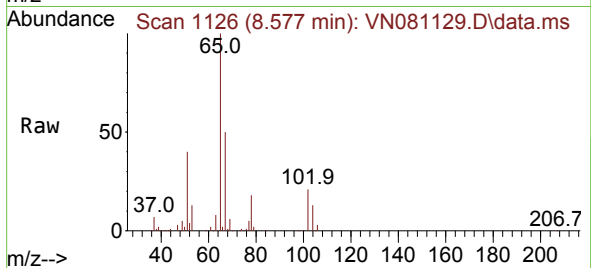
ClientSampleId :

Tgt Ion: 65 Resp: 208692

Ion Ratio Lower Upper

65 100

67 51.4 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: VN081129.D

Acq: 22 Feb 2024 12:49

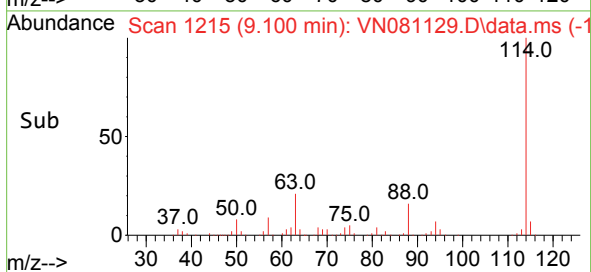
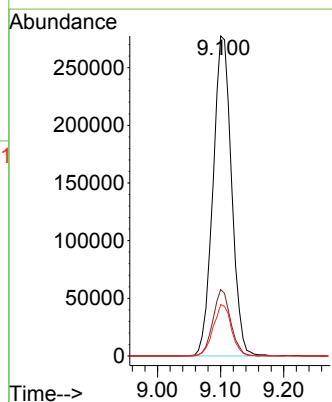
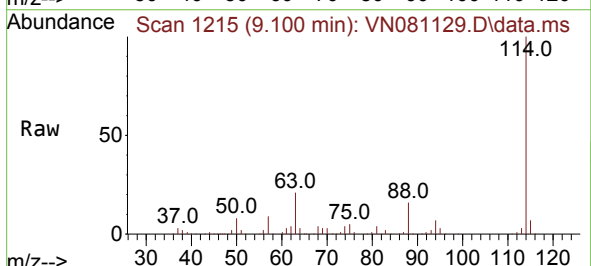
Tgt Ion: 114 Resp: 565479

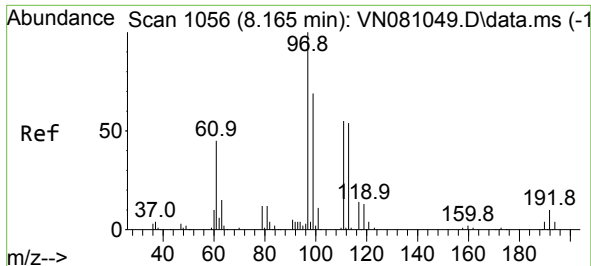
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

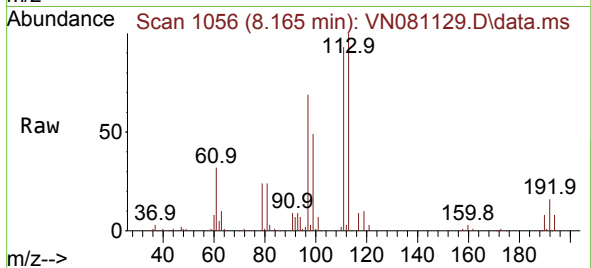
88 16.0 0.0 34.8



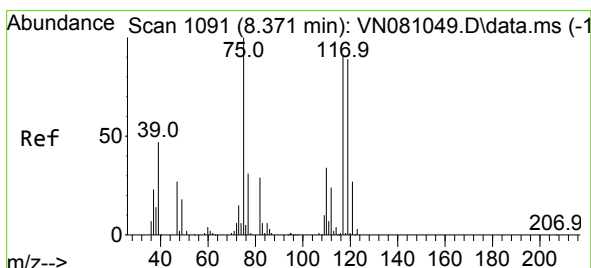
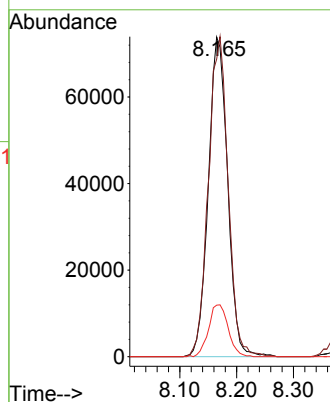
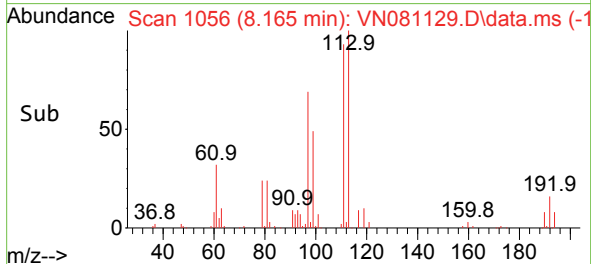


#35
Dibromofluoromethane
Concen: 54.474 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

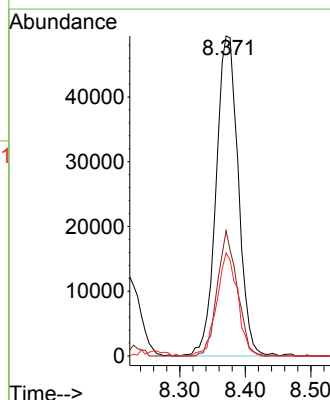
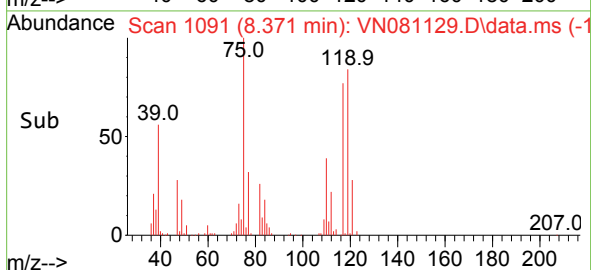
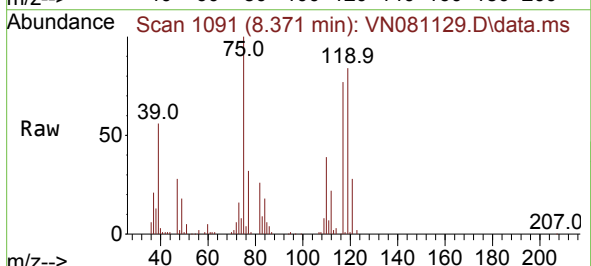


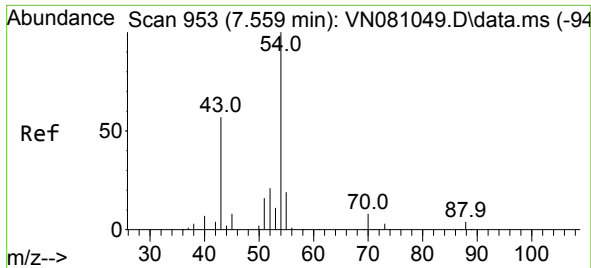
Tgt Ion:113 Resp: 174187
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 16.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 21.119 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 75 Resp: 115693
Ion Ratio Lower Upper
75 100
110 35.1 16.0 48.0
77 30.4 25.8 38.6

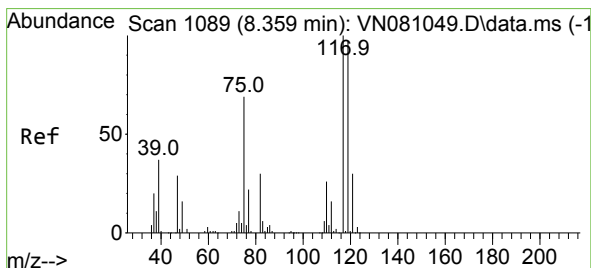
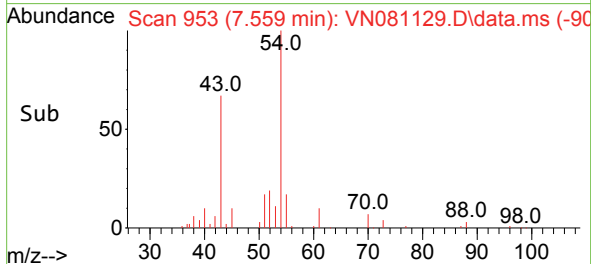
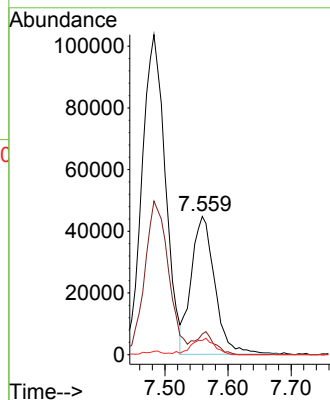
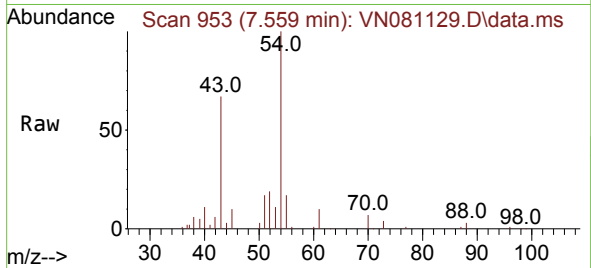




#37
Ethyl Acetate
Concen: 23.523 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

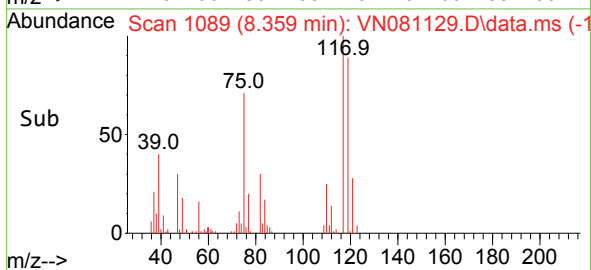
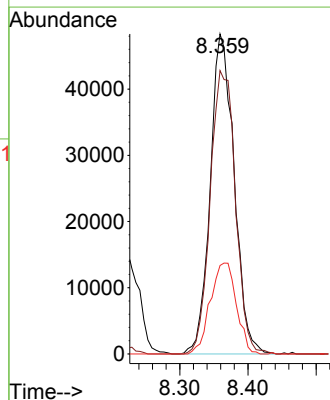
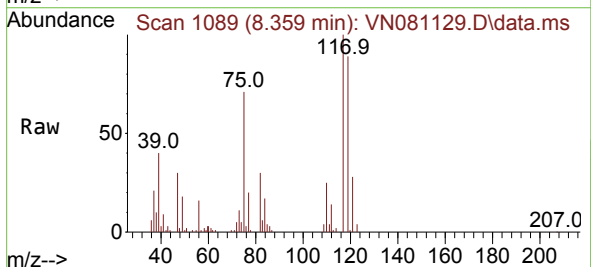
Instrument :
MSVOA_N
ClientSampleId :

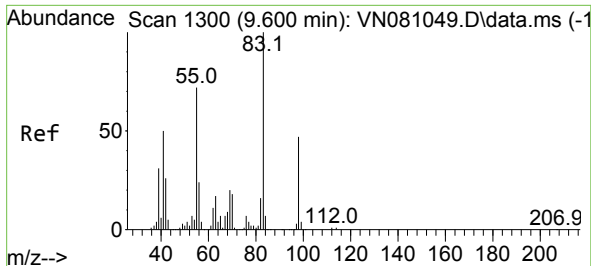
Tgt Ion: 43 Resp: 116302
Ion Ratio Lower Upper
43 100
61 11.0 10.6 15.8
70 11.6 8.0 12.0



#38
Carbon Tetrachloride
Concen: 21.298 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

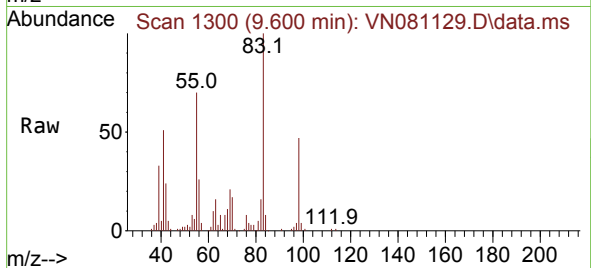
Tgt Ion: 117 Resp: 118044
Ion Ratio Lower Upper
117 100
119 88.5 73.4 110.2
121 27.7 24.4 36.6



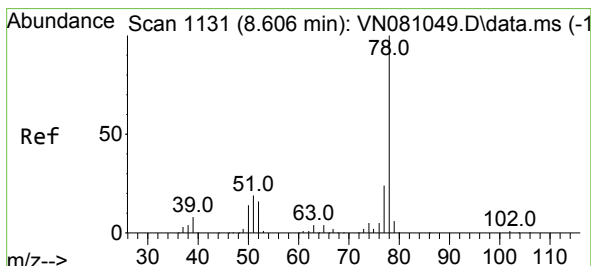
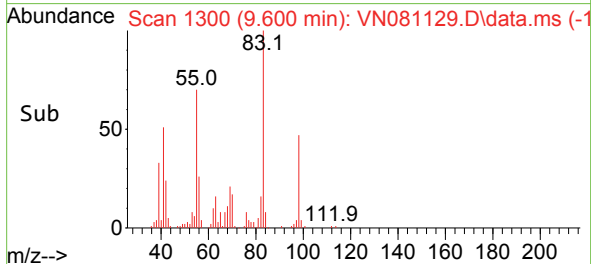
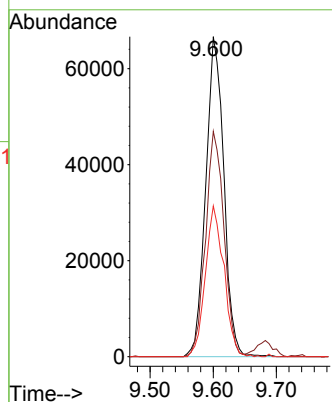


#39
Methylcyclohexane
Concen: 20.767 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :

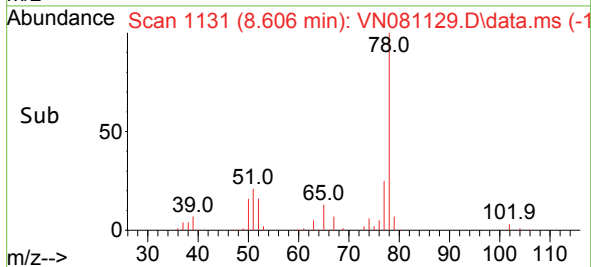
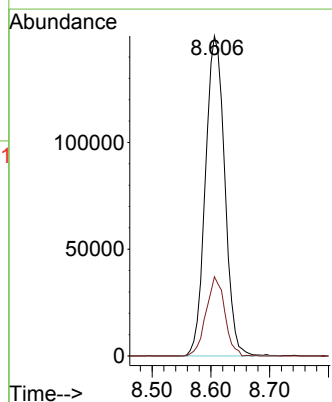
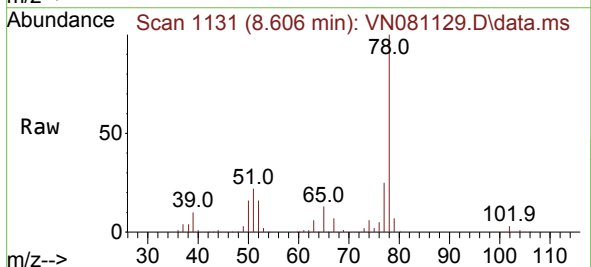


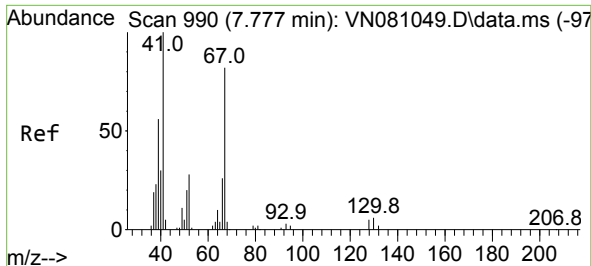
Tgt Ion: 83 Resp: 132618
Ion Ratio Lower Upper
83 100
55 70.4 65.7 98.5
98 47.1 33.8 50.6



#40
Benzene
Concen: 21.529 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 78 Resp: 341380
Ion Ratio Lower Upper
78 100
77 24.7 20.4 30.6

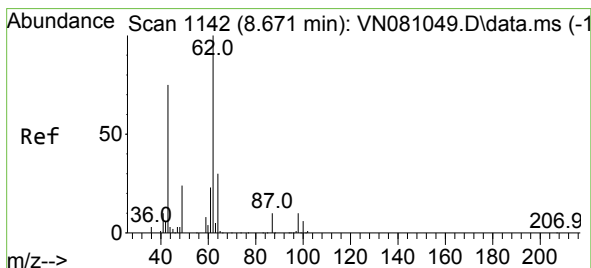
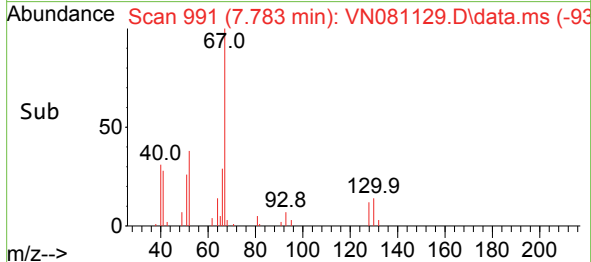
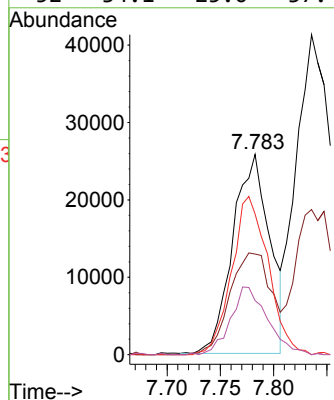
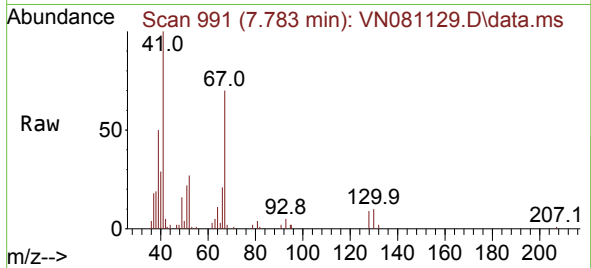




#41
Methacrylonitrile
Concen: 22.006 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

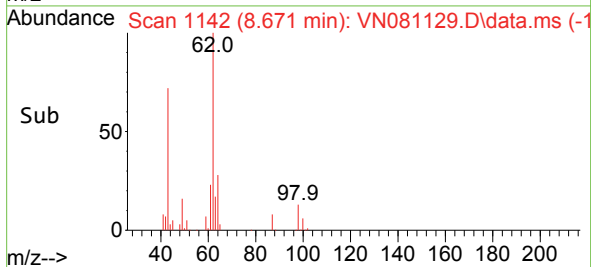
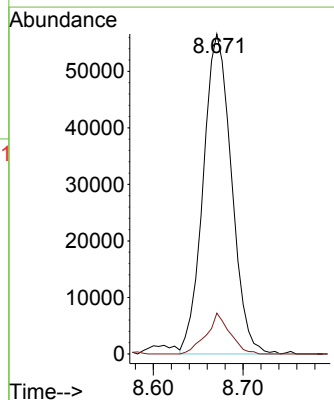
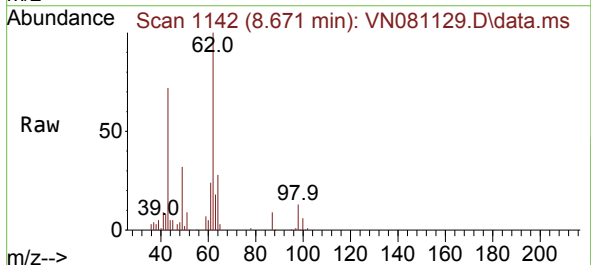
Instrument :
MSVOA_N
ClientSampleId :

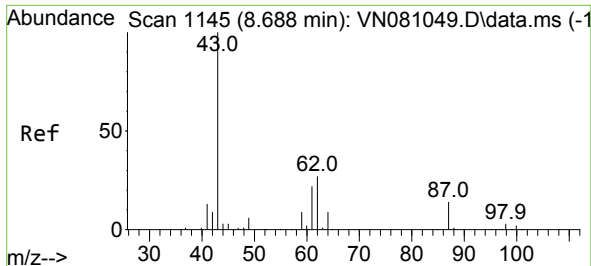
Tgt Ion: 41 Resp: 61921
Ion Ratio Lower Upper
41 100
39 57.8 48.4 72.6
67 79.2 56.8 85.2
52 34.1 25.0 37.4



#42
1,2-Dichloroethane
Concen: 22.428 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 62 Resp: 124075
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.0

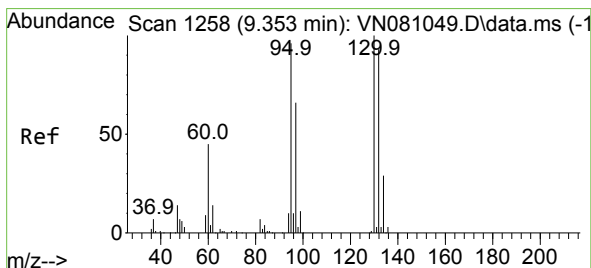
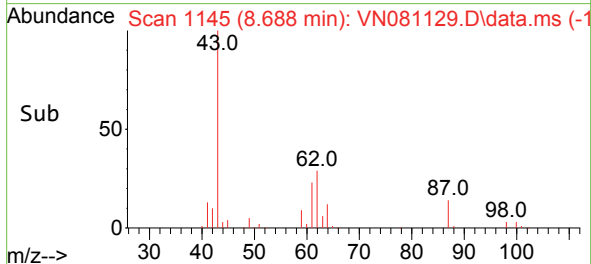
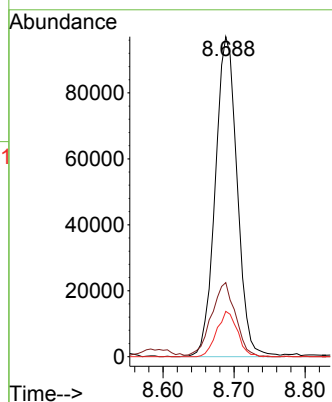
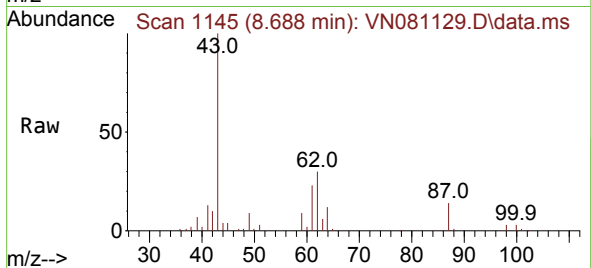




#43
Isopropyl Acetate
Concen: 23.975 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

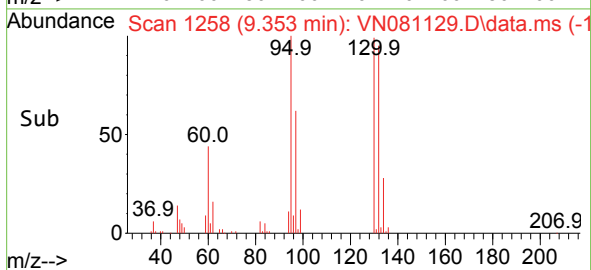
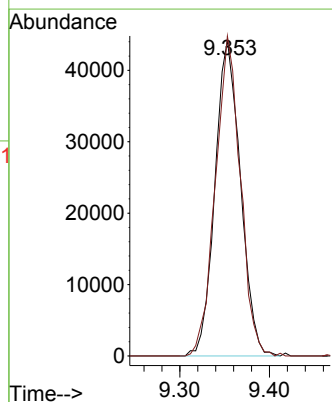
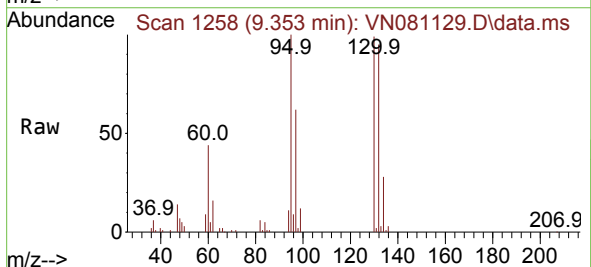
Instrument :
MSVOA_N
ClientSampleId :

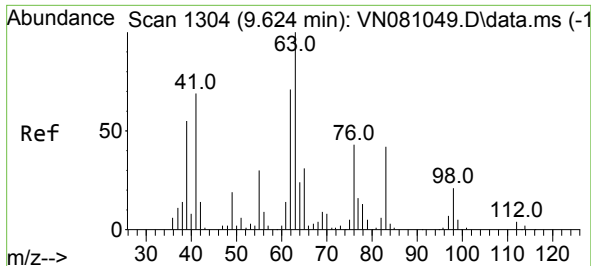
Tgt Ion: 43 Resp: 207311
Ion Ratio Lower Upper
43 100
61 25.6 19.9 29.9
87 13.4 9.0 13.6



#44
Trichloroethene
Concen: 20.654 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:130 Resp: 87229
Ion Ratio Lower Upper
130 100
95 101.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 22.031 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

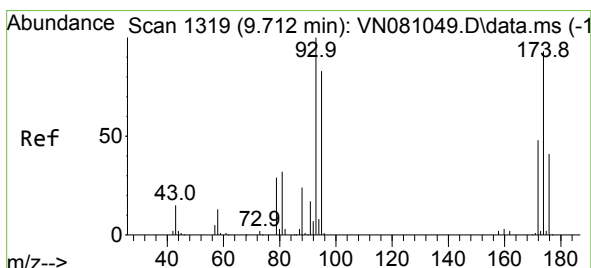
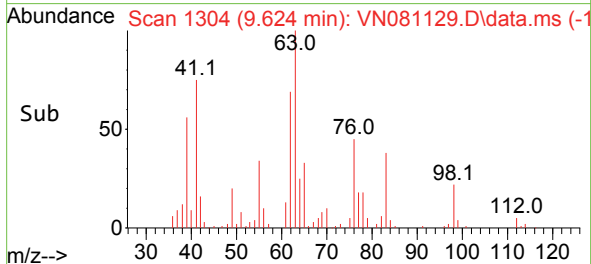
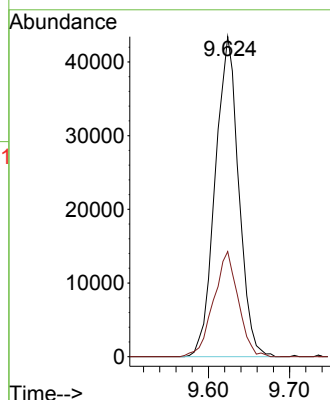
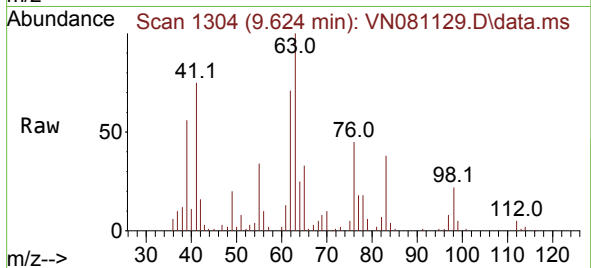
ClientSampleId :

Tgt Ion: 63 Resp: 87386

Ion Ratio Lower Upper

63 100

65 32.8 26.1 39.1



#46

Dibromomethane

Concen: 22.074 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

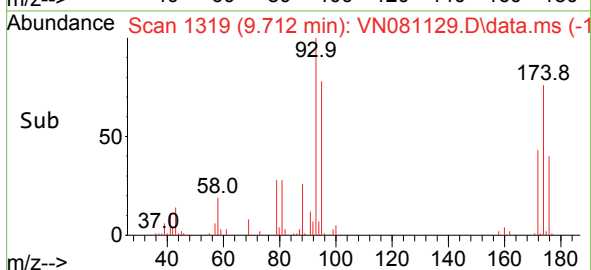
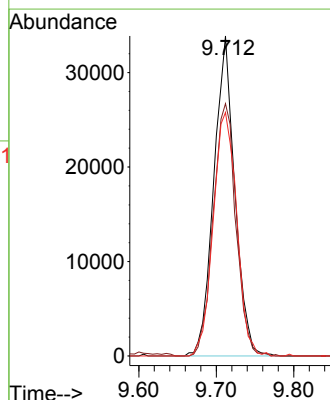
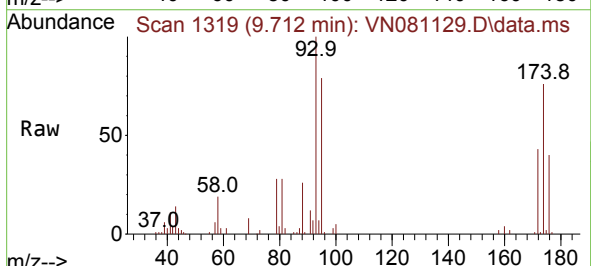
Tgt Ion: 93 Resp: 63795

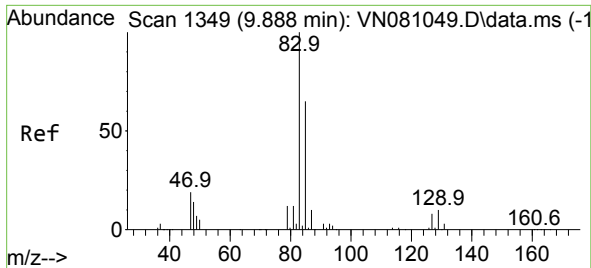
Ion Ratio Lower Upper

93 100

95 85.2 68.1 102.1

174 85.3 57.2 85.8

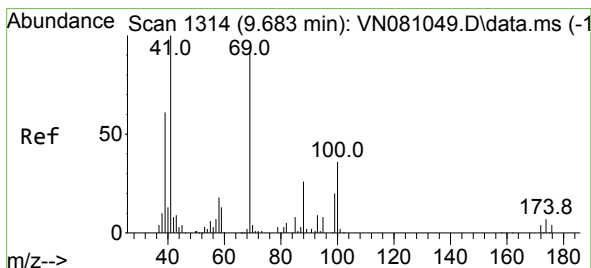
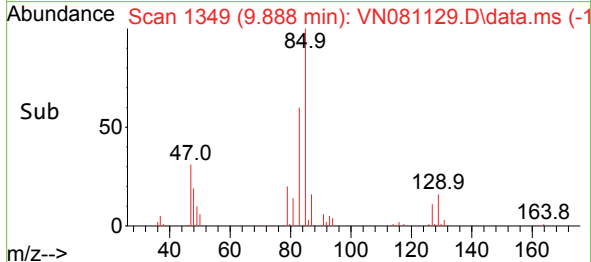
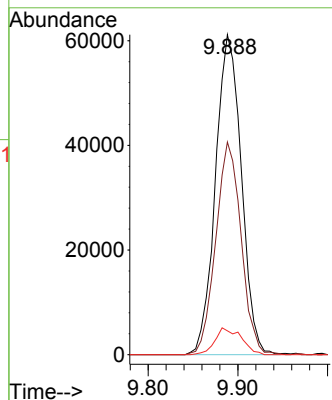
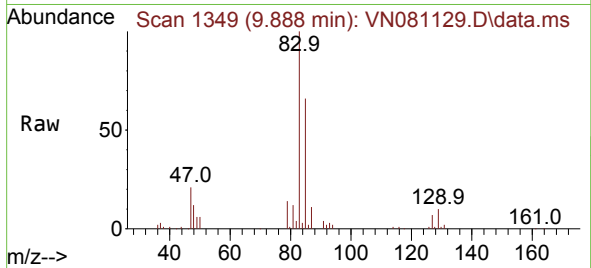




#47
Bromodichloromethane
Concen: 22.377 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

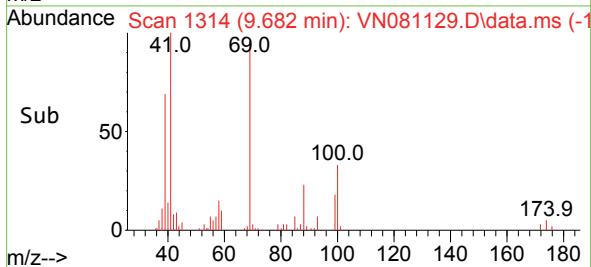
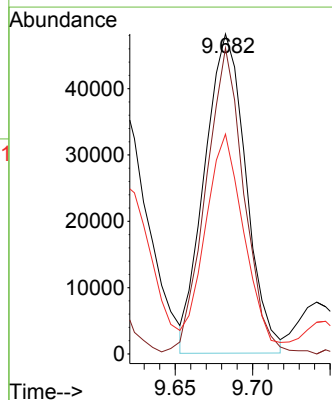
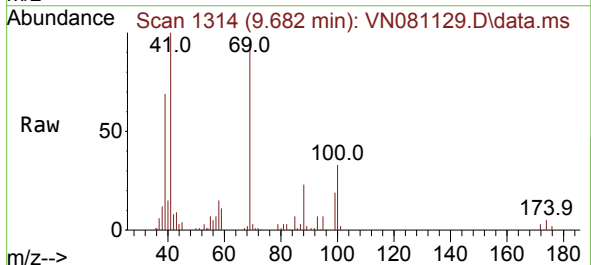
Instrument :
MSVOA_N
ClientSampleId :

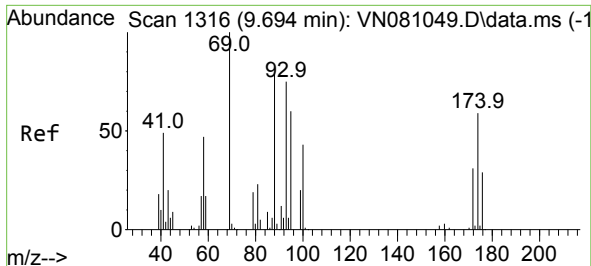
Tgt Ion: 83 Resp: 122480
Ion Ratio Lower Upper
83 100
85 66.5 52.3 78.5
127 7.4 4.6 7.0#



#48
Methyl methacrylate
Concen: 22.235 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 41 Resp: 89463
Ion Ratio Lower Upper
41 100
69 89.1 62.2 93.2
39 65.8 47.6 71.4





#49

1,4-Dioxane

Concen: 487.799 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

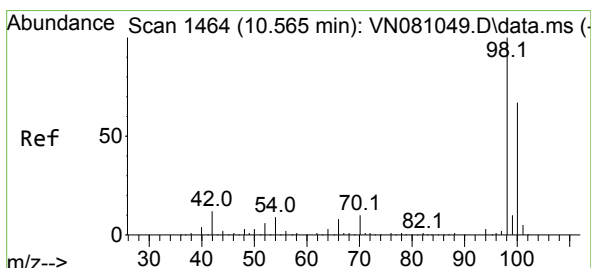
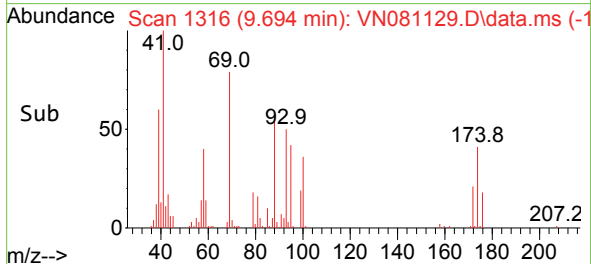
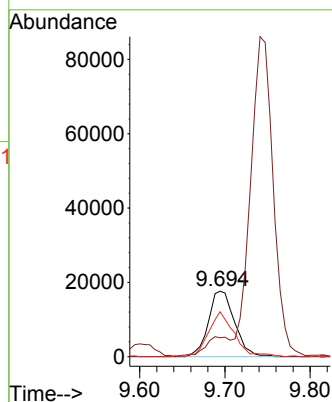
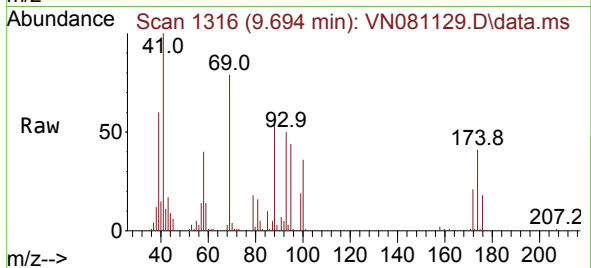
Tgt Ion: 88 Resp: 37631

Ion Ratio Lower Upper

88 100

43 28.7 30.1 45.1#

58 67.6 63.9 95.9



#50

Toluene-d8

Concen: 51.505 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081129.D

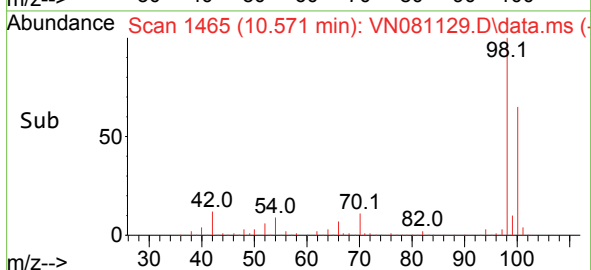
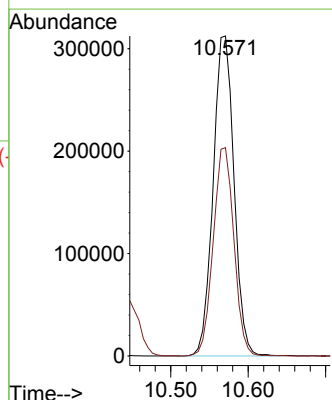
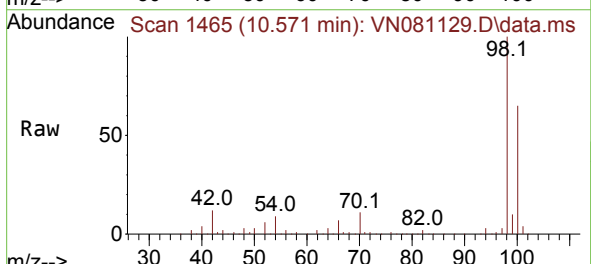
Acq: 22 Feb 2024 12:49

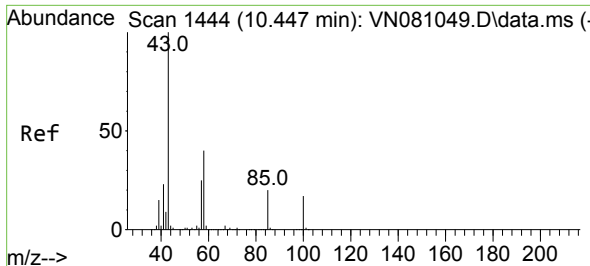
Tgt Ion: 98 Resp: 584950

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

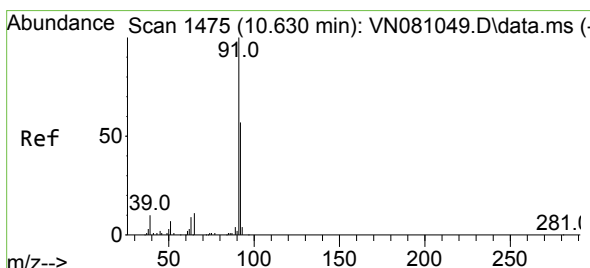
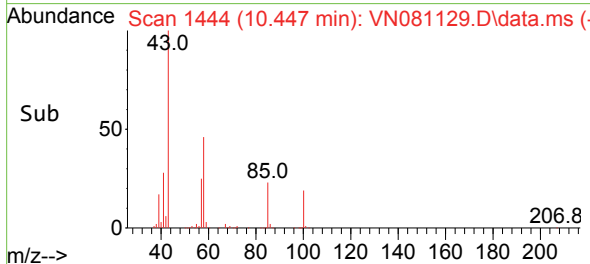
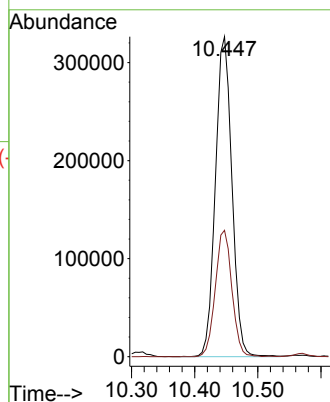
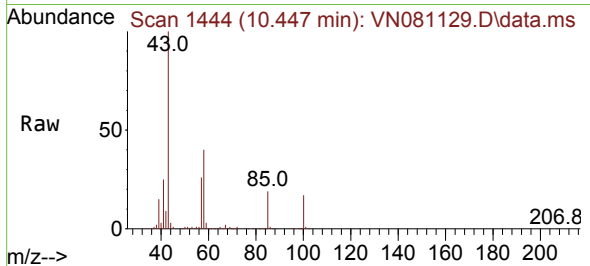




#51
4-Methyl-2-Pentanone
Concen: 119.307 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

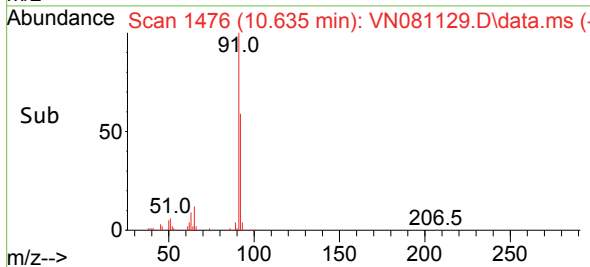
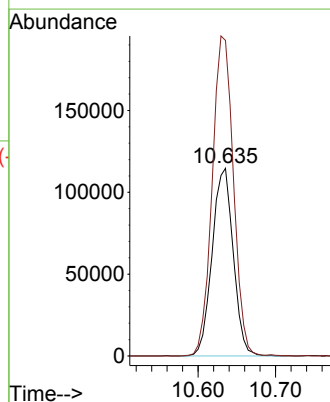
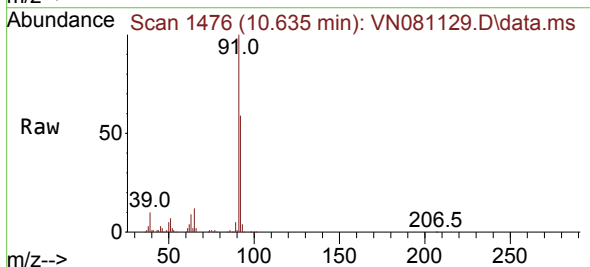
Instrument :
MSVOA_N
ClientSampleId :

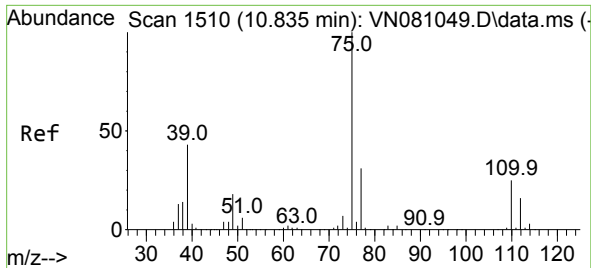
Tgt Ion: 43 Resp: 593452
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0



#52
Toluene
Concen: 21.587 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 92 Resp: 216703
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0

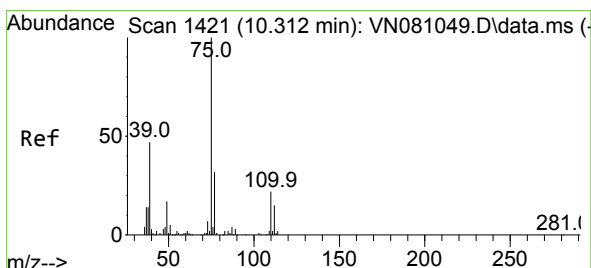
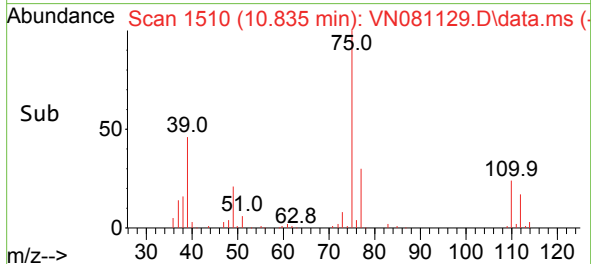
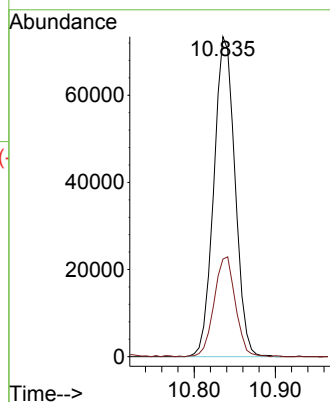
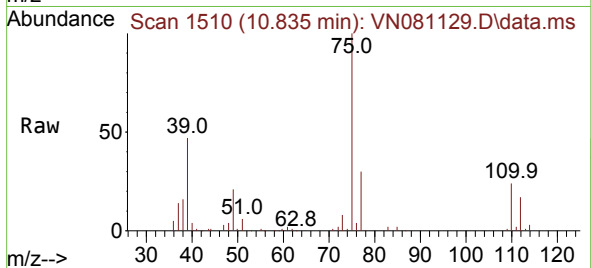




#53
 t-1,3-Dichloropropene
 Concen: 21.874 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

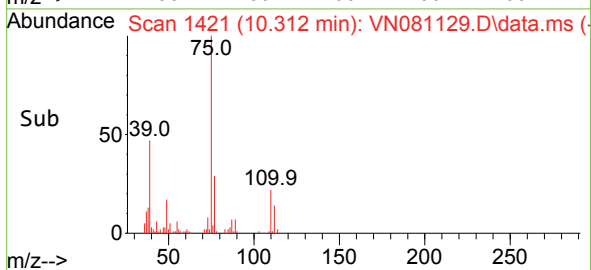
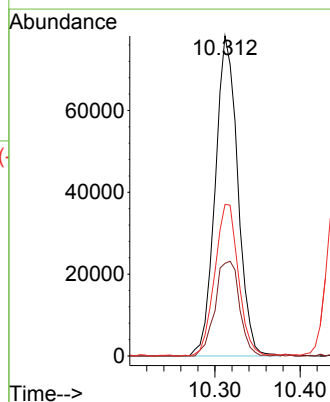
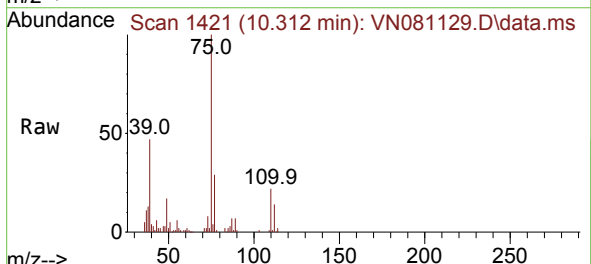
Instrument :
 MSVOA_N
 ClientSampleId :

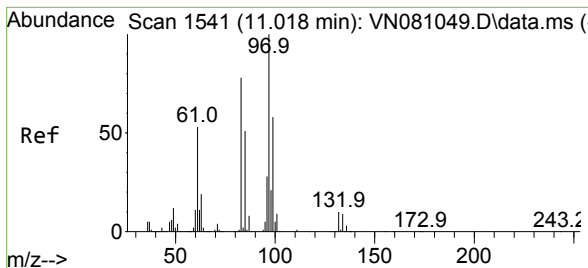
Tgt Ion: 75 Resp: 133047
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 21.834 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Tgt Ion: 75 Resp: 143488
 Ion Ratio Lower Upper
 75 100
 77 29.0 23.3 34.9
 39 47.3 44.6 66.8

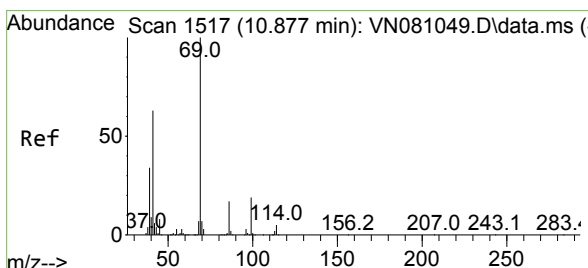
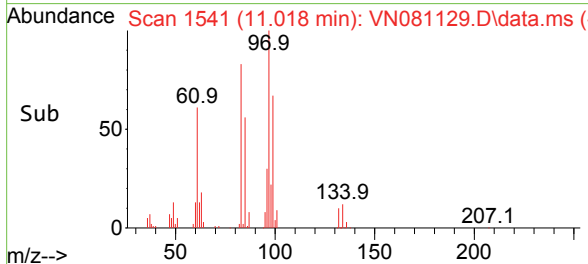
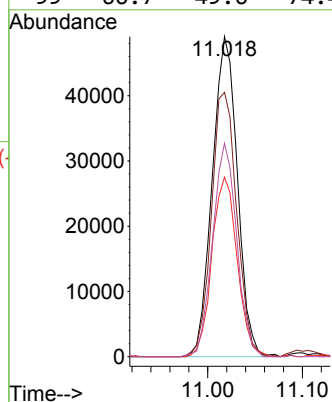
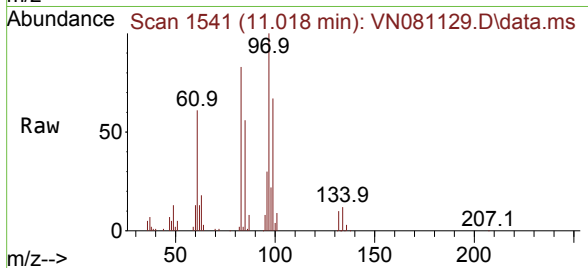




#55
 1,1,2-Trichloroethane
 Concen: 23.389 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

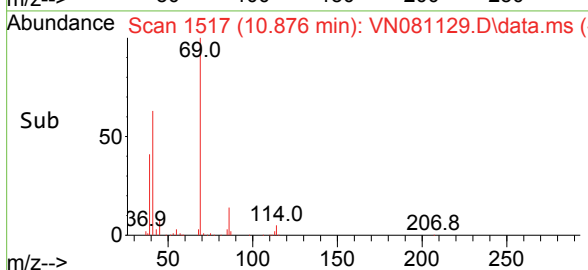
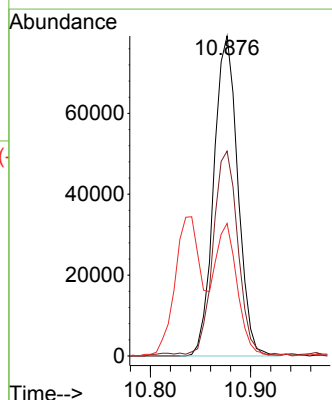
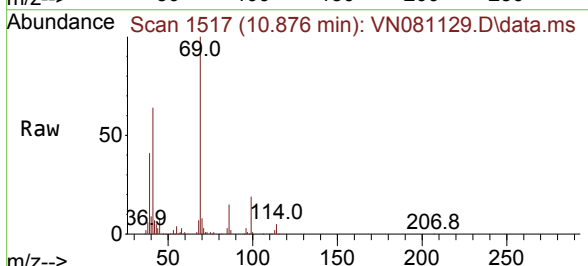
Instrument :
 MSVOA_N
 ClientSampleId :

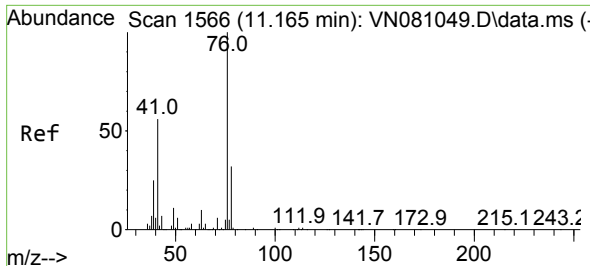
Tgt Ion:	97	Resp:	90302
Ion	Ratio	Lower	Upper
97	100		
83	82.6	72.9	109.3
85	56.1	50.2	75.2
99	66.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 22.297 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Tgt Ion:	69	Resp:	131572
Ion	Ratio	Lower	Upper
69	100		
41	64.8	61.0	91.6
39	36.6	31.8	47.6





#57

1,3-Dichloropropane

Concen: 23.113 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

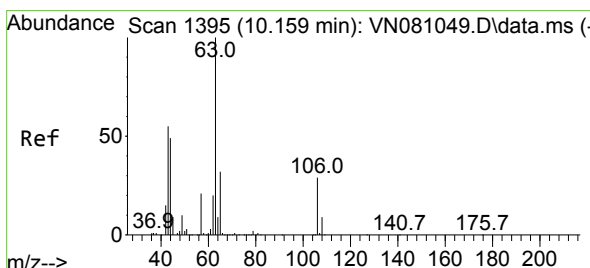
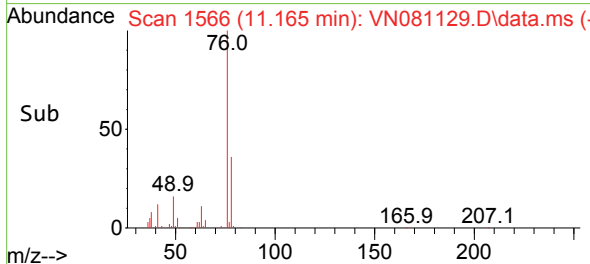
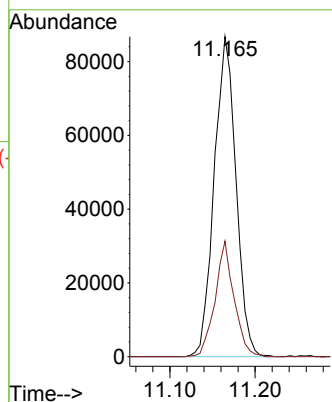
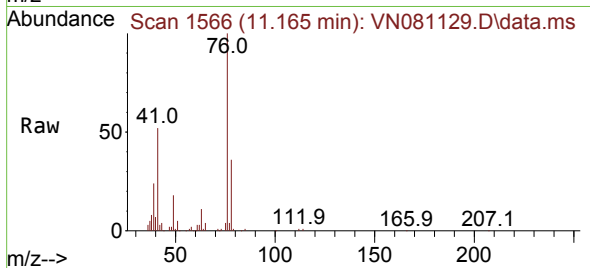
ClientSampleId :

Tgt Ion: 76 Resp: 154300

Ion Ratio Lower Upper

76 100

78 31.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 93.877 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081129.D

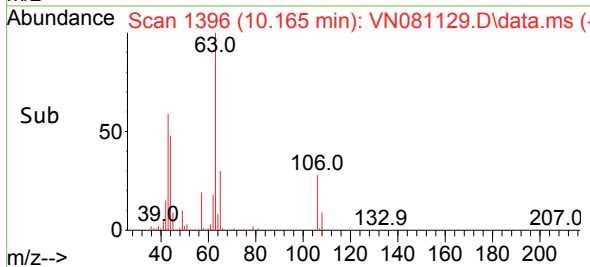
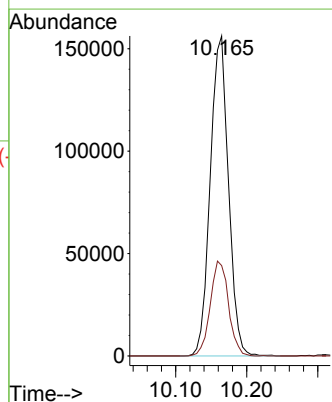
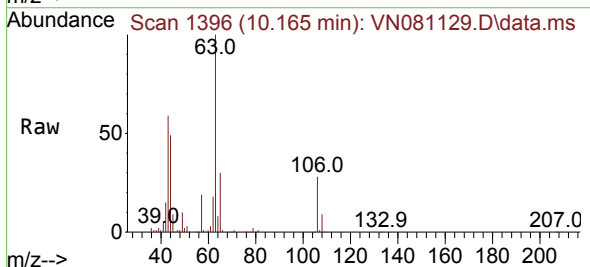
Acq: 22 Feb 2024 12:49

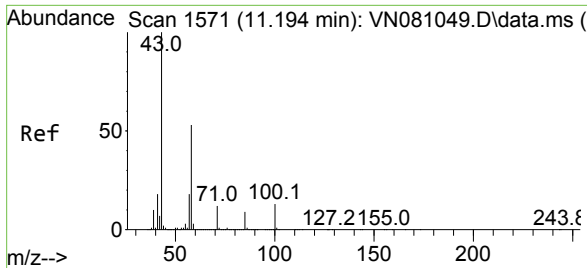
Tgt Ion: 63 Resp: 277940

Ion Ratio Lower Upper

63 100

106 29.8 18.6 28.0#

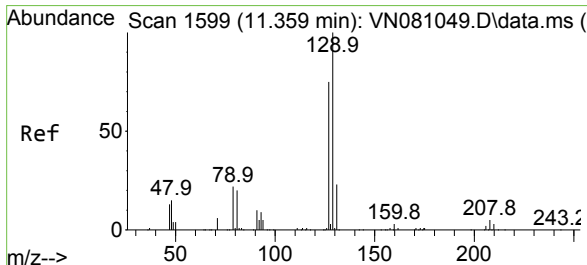
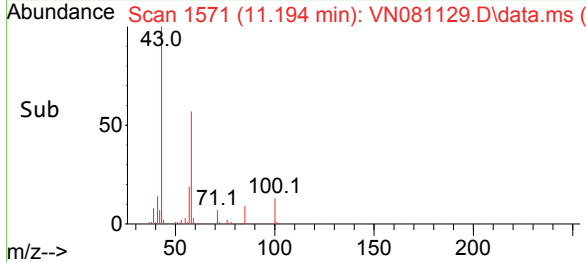
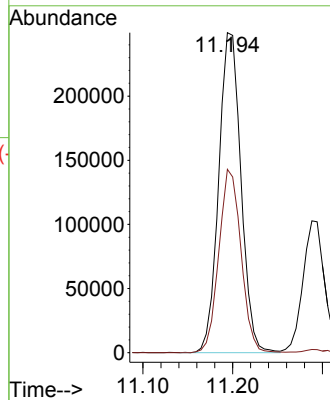
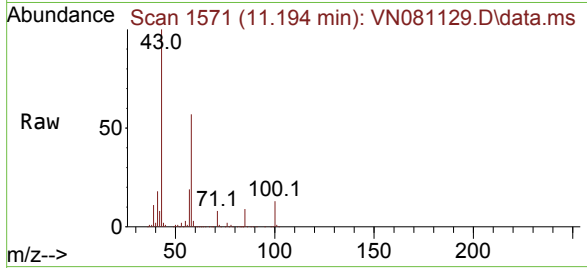




#59
2-Hexanone
Concen: 109.114 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

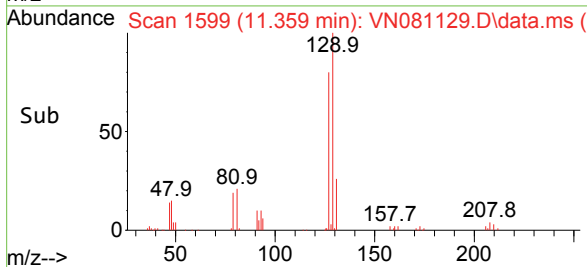
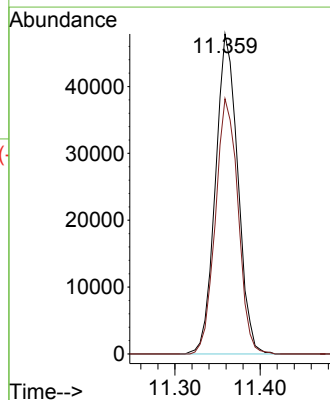
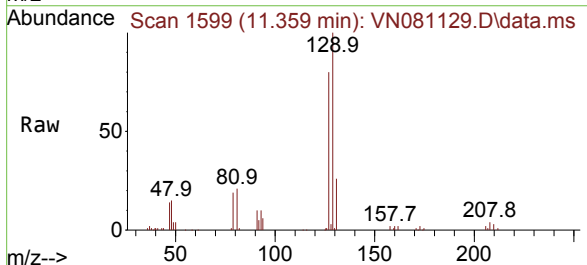
Instrument :
MSVOA_N
ClientSampleId :

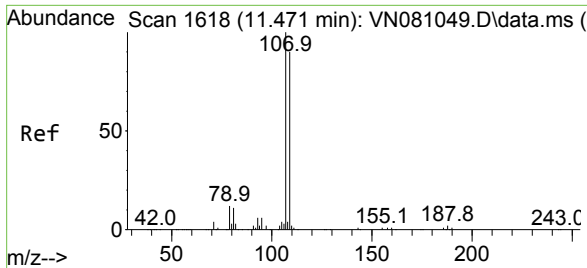
Tgt Ion: 43 Resp: 430294
Ion Ratio Lower Upper
43 100
58 57.0 25.9 77.8



#60
Dibromochloromethane
Concen: 21.280 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 129 Resp: 87281
Ion Ratio Lower Upper
129 100
127 80.7 39.4 118.2

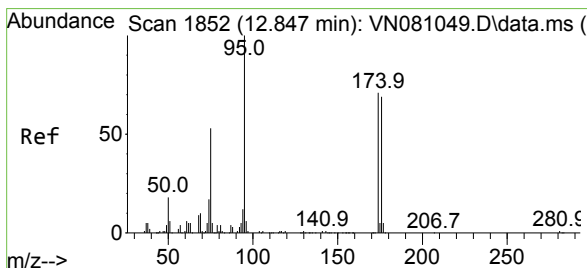
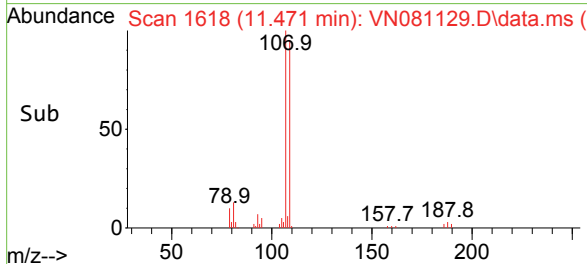
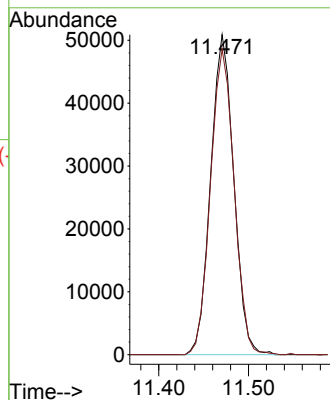
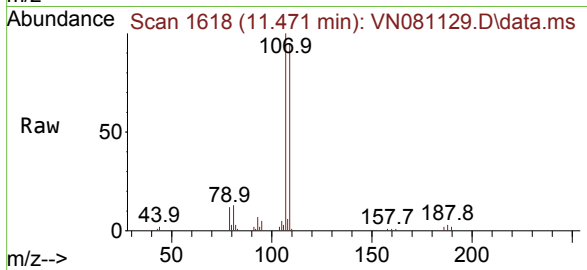




#61
1,2-Dibromoethane
Concen: 22.440 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

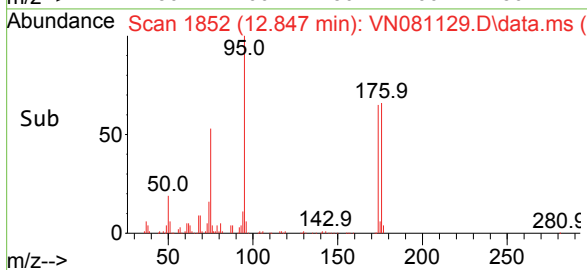
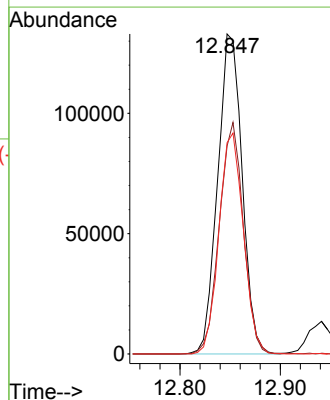
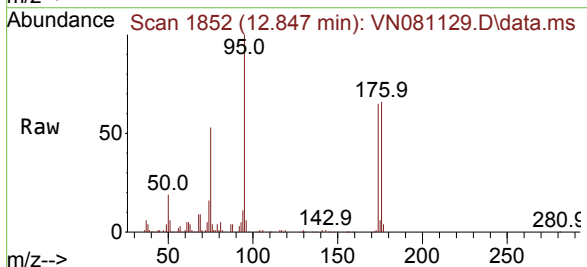
Instrument :
MSVOA_N
ClientSampleId :

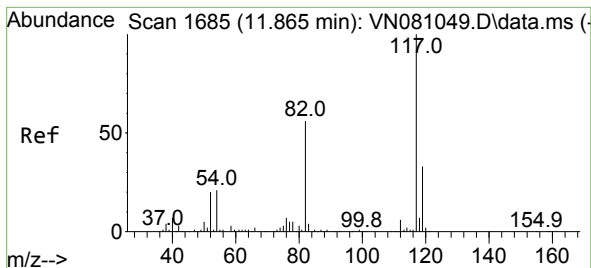
Tgt Ion:107 Resp: 91109
Ion Ratio Lower Upper
107 100
109 97.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 52.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 95 Resp: 225181
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 68.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

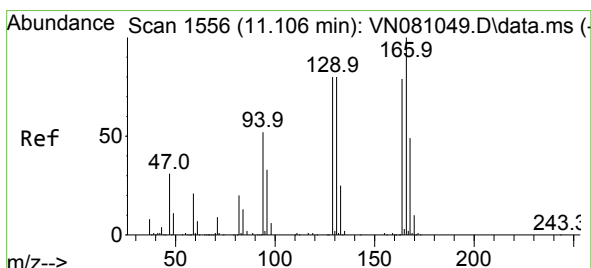
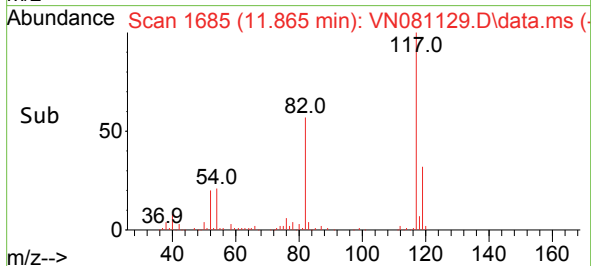
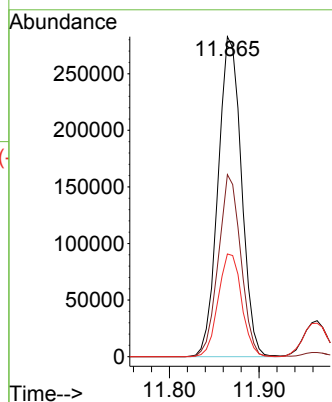
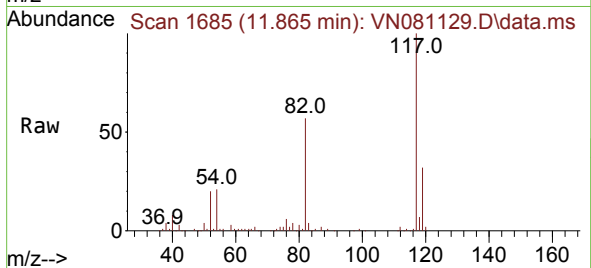
Tgt Ion:117 Resp: 511522

Ion Ratio Lower Upper

117 100

82 56.9 52.7 79.1

119 32.1 25.3 37.9



#64

Tetrachloroethene

Concen: 21.636 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion:164 Resp: 75535

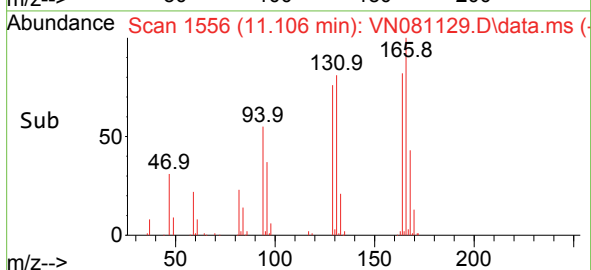
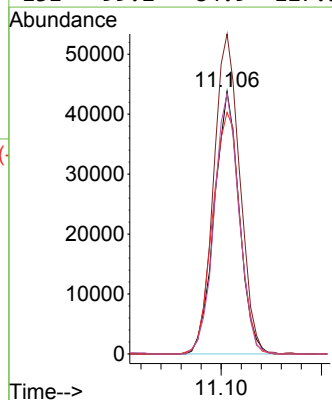
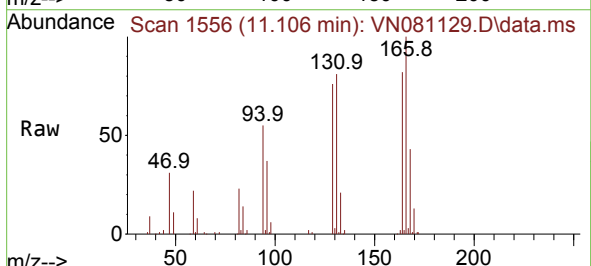
Ion Ratio Lower Upper

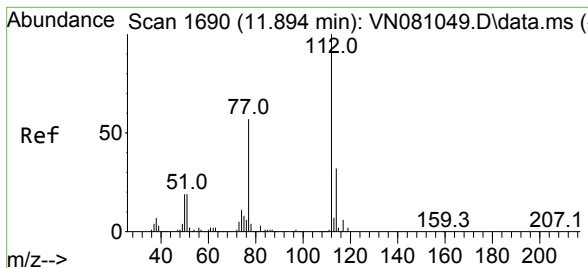
164 100

166 121.9 105.8 158.6

129 92.1 89.6 134.4

131 99.2 84.9 127.3

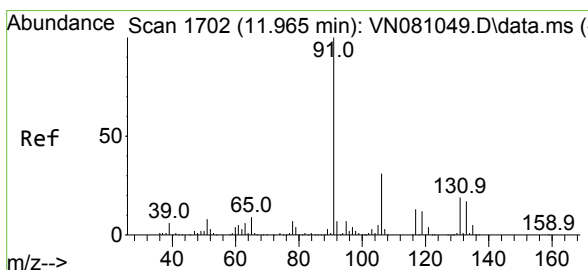
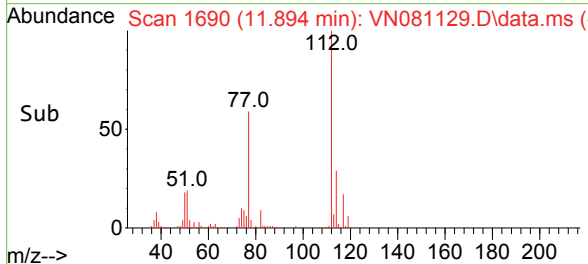
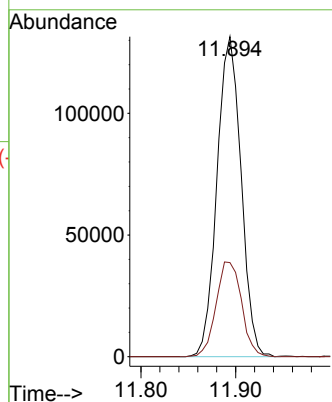
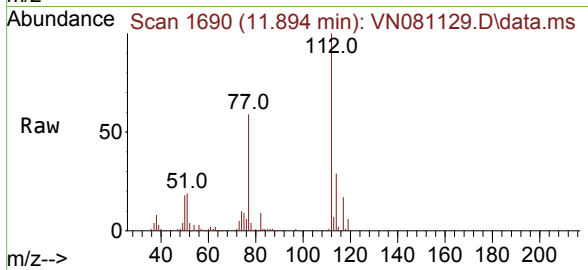




#65
Chlorobenzene
Concen: 20.984 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

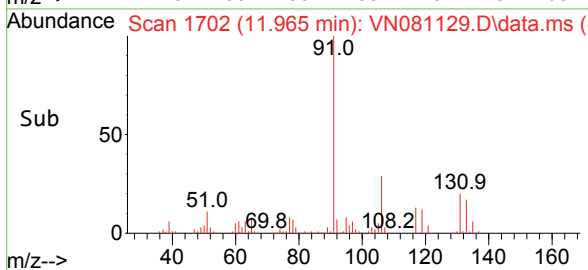
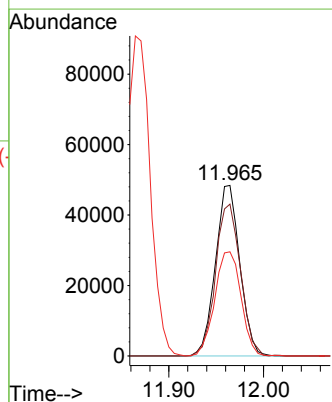
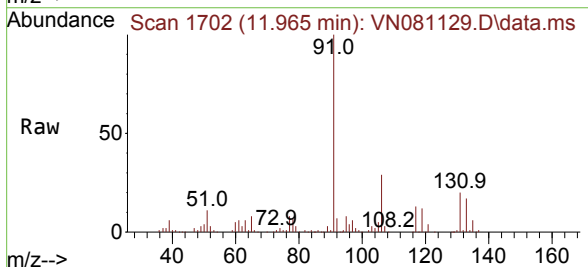
Instrument :
MSVOA_N
ClientSampleId :

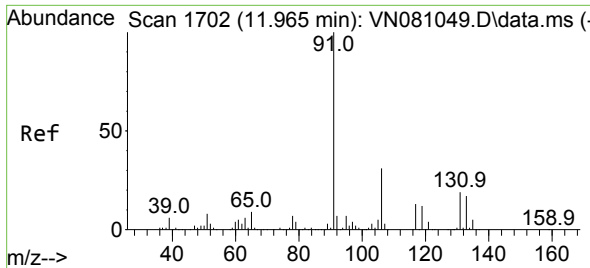
Tgt Ion:112 Resp: 232311
Ion Ratio Lower Upper
112 100
114 29.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.790 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:131 Resp: 86644
Ion Ratio Lower Upper
131 100
133 91.1 46.8 140.3
119 65.8 34.6 103.9

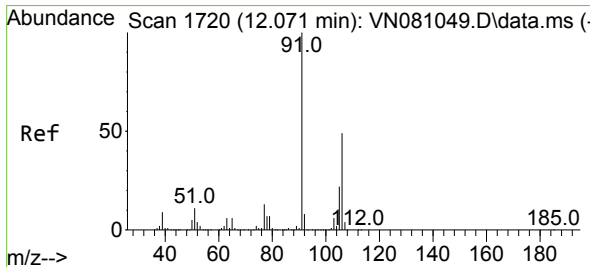
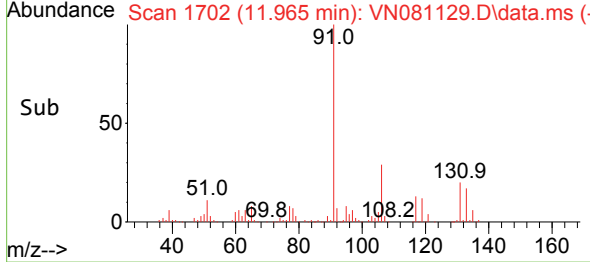
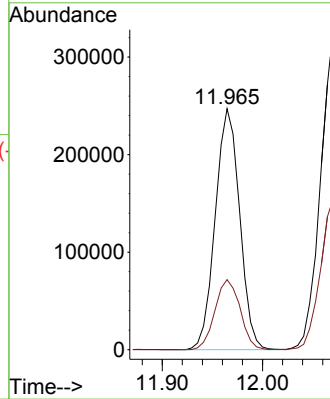
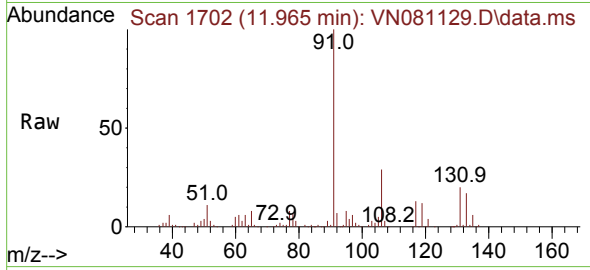




#67
Ethyl Benzene
Concen: 21.070 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

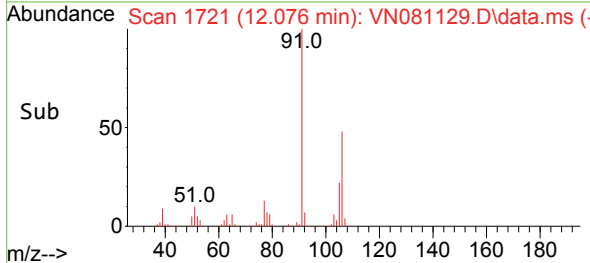
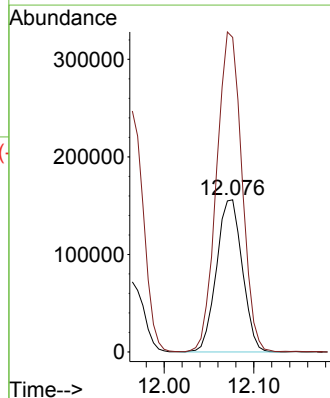
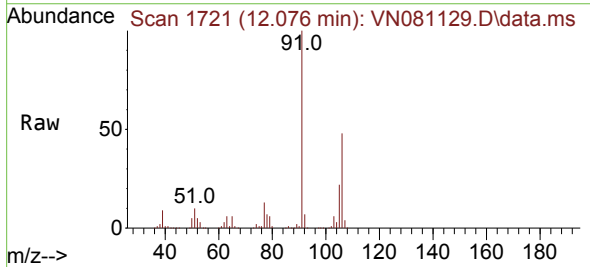
Instrument :
MSVOA_N
ClientSampleId :

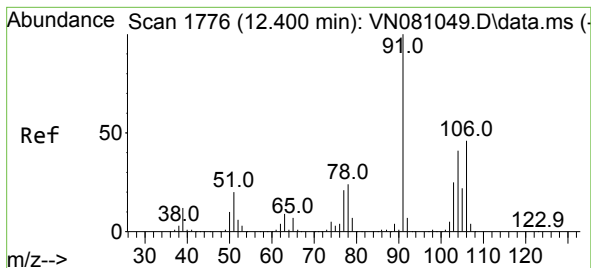
Tgt Ion: 91 Resp: 417406
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.6



#68
m/p-Xylenes
Concen: 41.048 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:106 Resp: 311694
Ion Ratio Lower Upper
106 100
91 205.8 169.0 253.6





#69

o-Xylene

Concen: 20.682 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

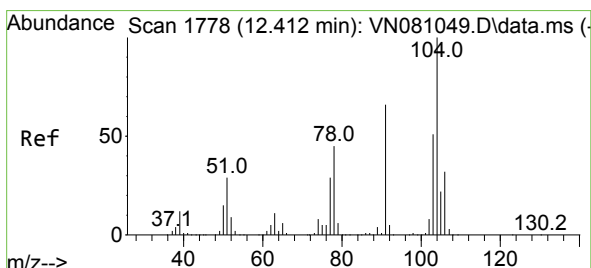
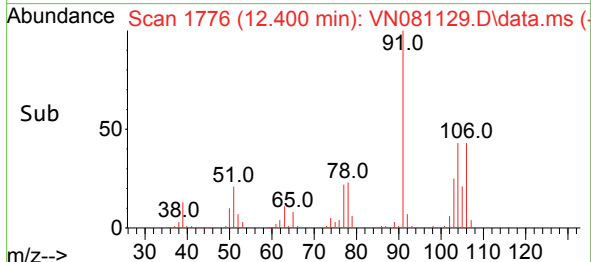
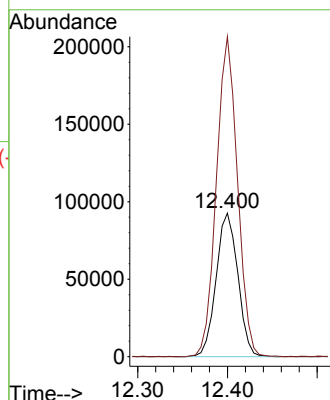
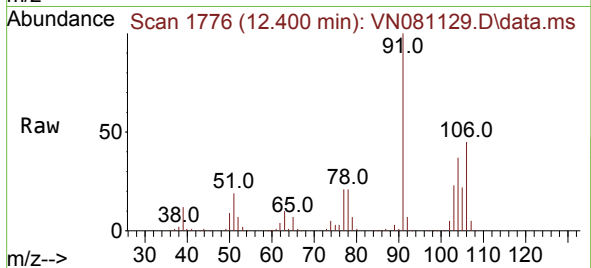
ClientSampleId :

Tgt Ion:106 Resp: 155671

Ion Ratio Lower Upper

106 100

91 216.5 112.1 336.3



#70

Styrene

Concen: 20.747 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

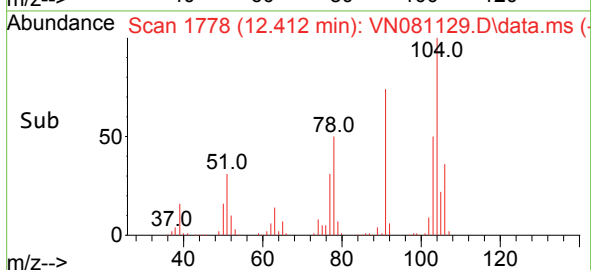
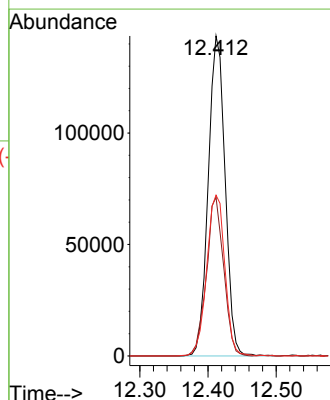
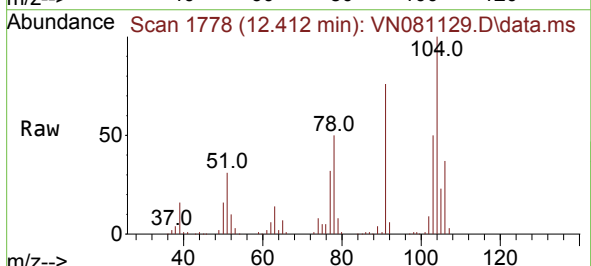
Tgt Ion:104 Resp: 247457

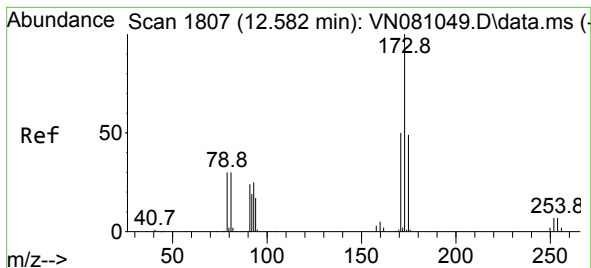
Ion Ratio Lower Upper

104 100

78 50.8 43.8 65.8

103 54.2 44.2 66.2





#71

Bromoform

Concen: 22.307 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081129.D

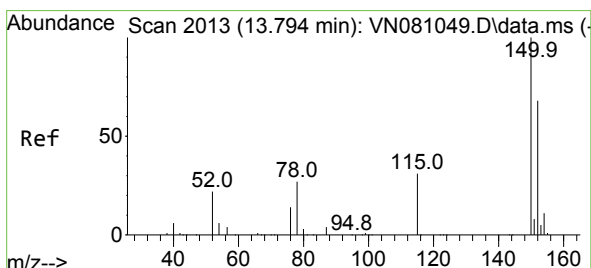
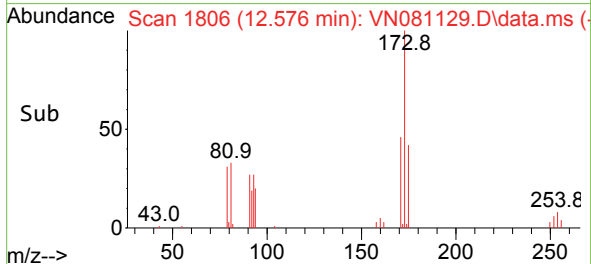
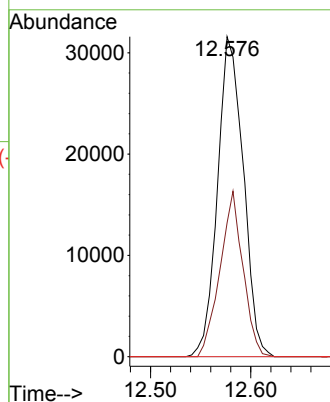
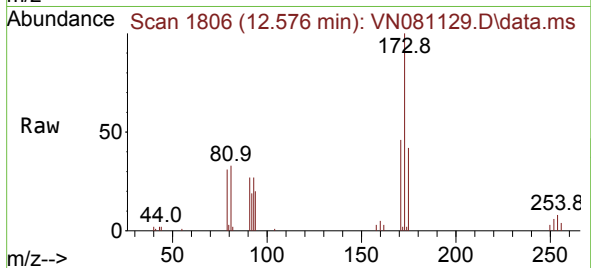
Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	56275
Ion Ratio	Lower	Upper	
173	100		
175	46.2	23.1	69.2
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

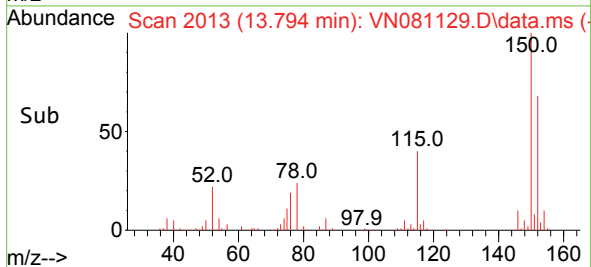
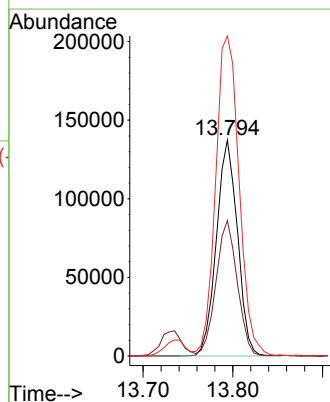
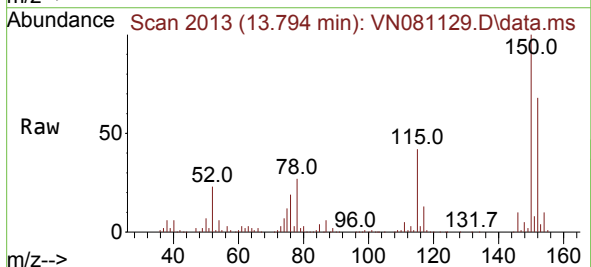
RT: 13.794 min Scan# 2013

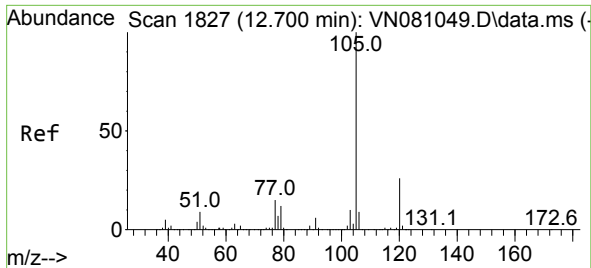
Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion:	152	Resp:	223958
Ion Ratio	Lower	Upper	
152	100		
115	63.1	32.3	96.8
150	164.6	0.0	339.8

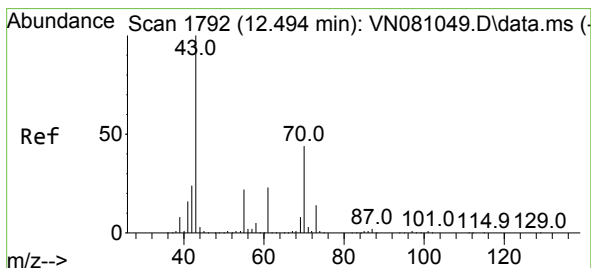
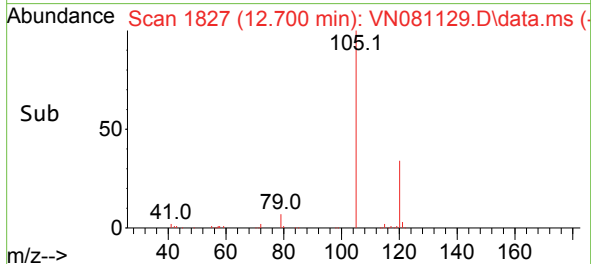
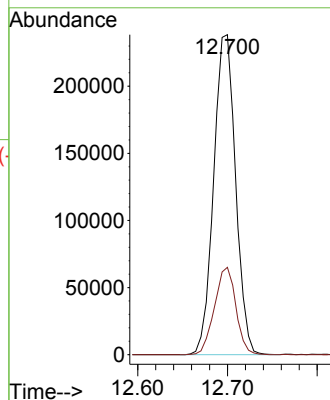
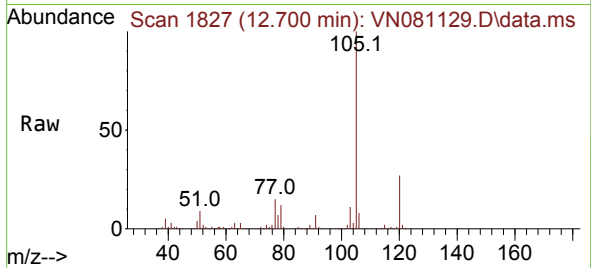




#73
Isopropylbenzene
Concen: 20.623 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

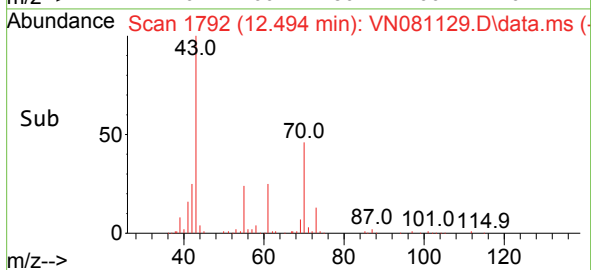
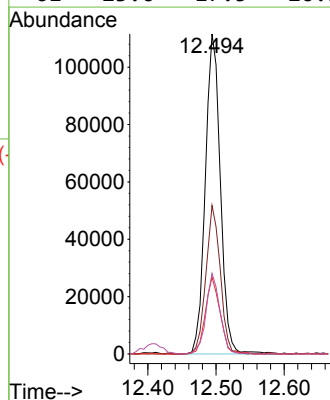
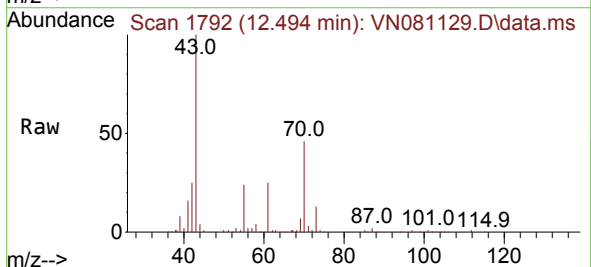
Instrument :
MSVOA_N
ClientSampleId :

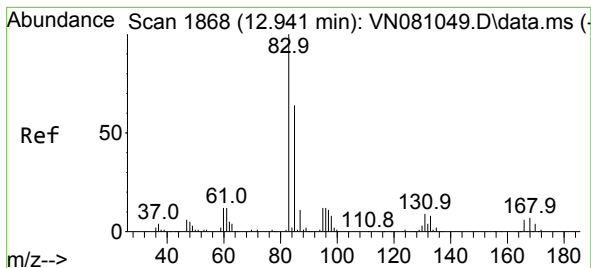
Tgt Ion:105 Resp: 404113
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6



#74
N-ethyl acetate
Concen: 20.701 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 43 Resp: 171435
Ion Ratio Lower Upper
43 100
70 44.3 30.1 45.1
55 23.5 17.0 25.4
61 23.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.330 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

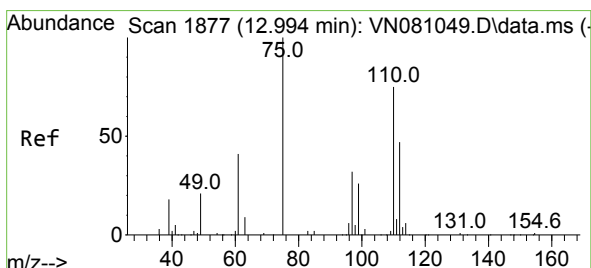
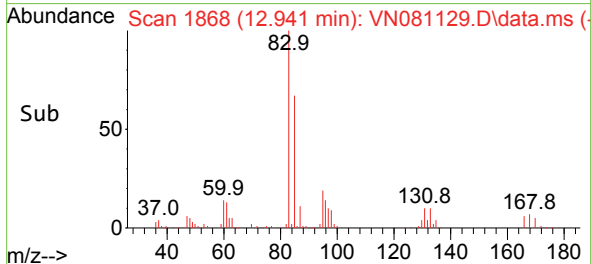
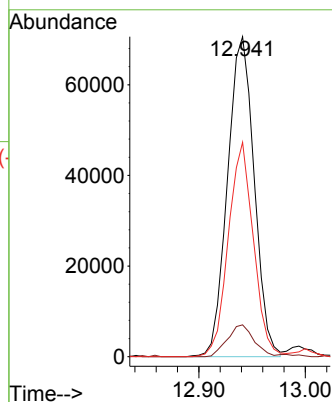
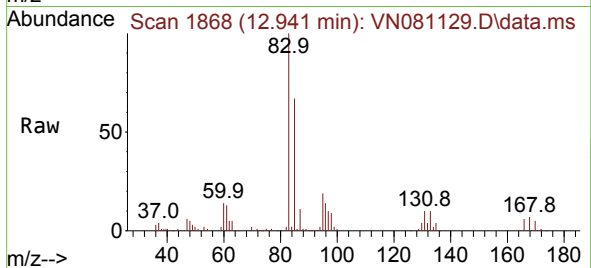
Tgt Ion: 83 Resp: 123035

Ion Ratio Lower Upper

83 100

131 10.0 4.1 12.3

85 63.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 31.033 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081129.D

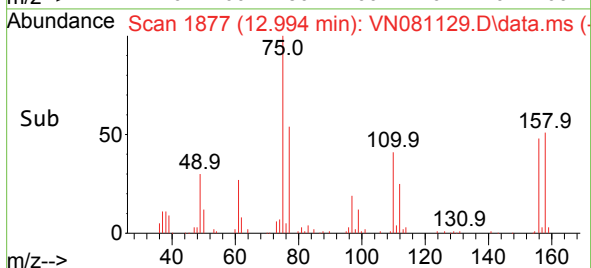
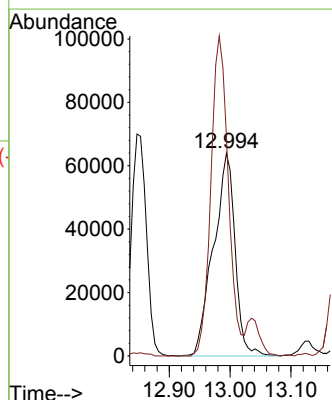
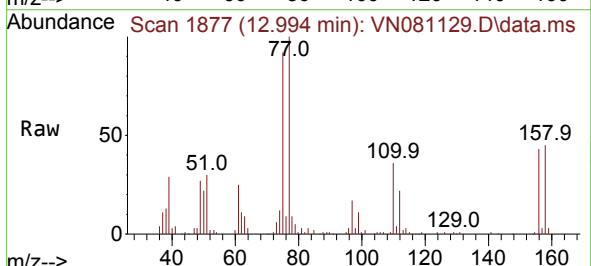
Acq: 22 Feb 2024 12:49

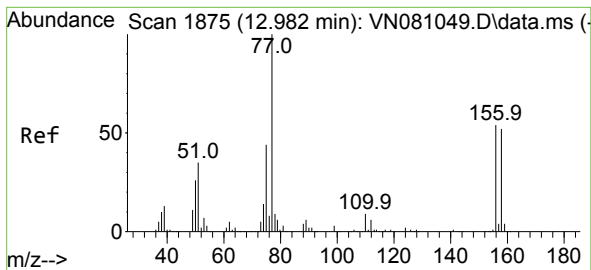
Tgt Ion: 75 Resp: 157910

Ion Ratio Lower Upper

75 100

77 127.9 91.0 272.8





#77

Bromobenzene

Concen: 20.393 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

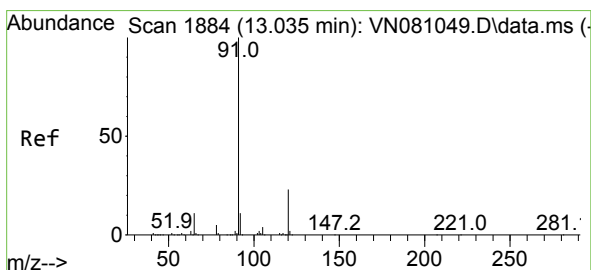
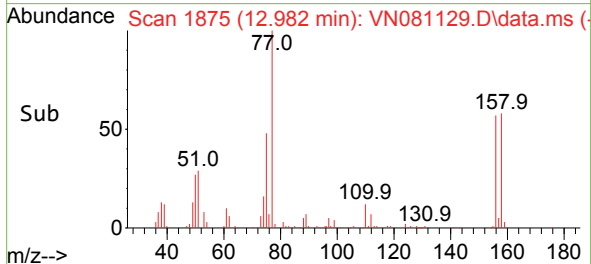
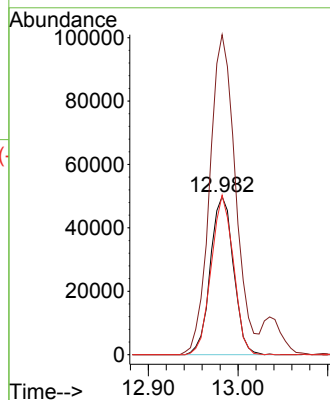
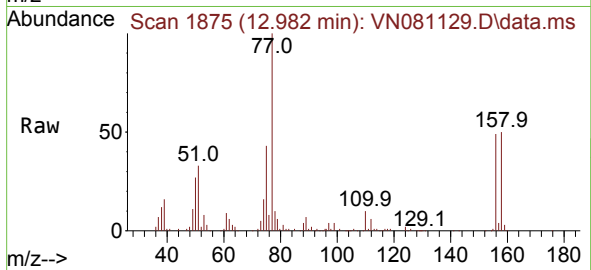
Tgt Ion:156 Resp: 89099

Ion Ratio Lower Upper

156 100

77 226.7 138.1 414.3

158 97.0 46.5 139.5



#78

n-propylbenzene

Concen: 20.540 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081129.D

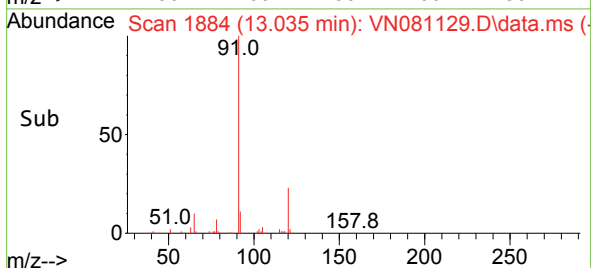
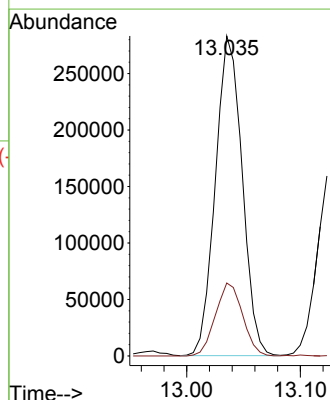
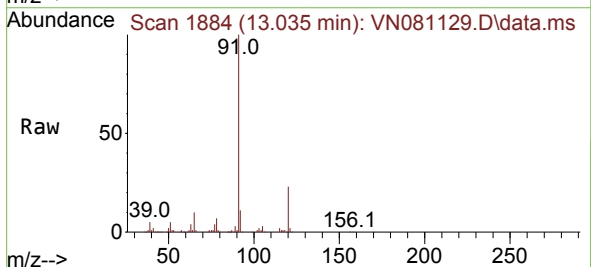
Acq: 22 Feb 2024 12:49

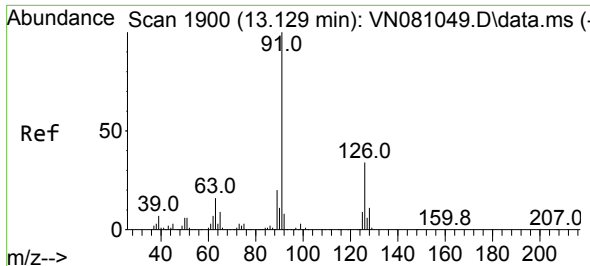
Tgt Ion: 91 Resp: 463330

Ion Ratio Lower Upper

91 100

120 23.2 10.3 30.9

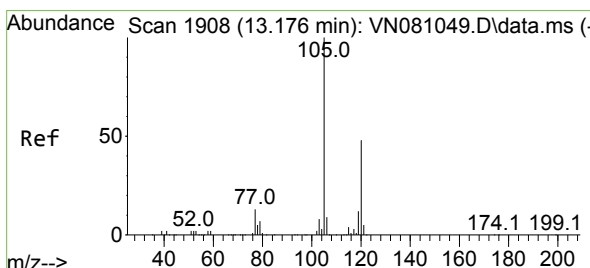
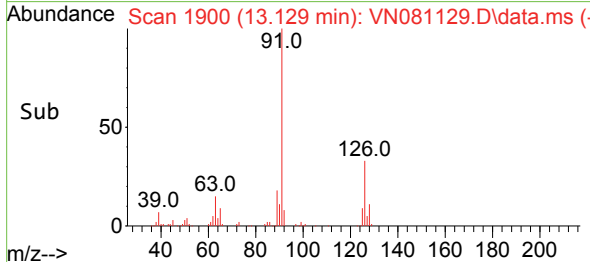
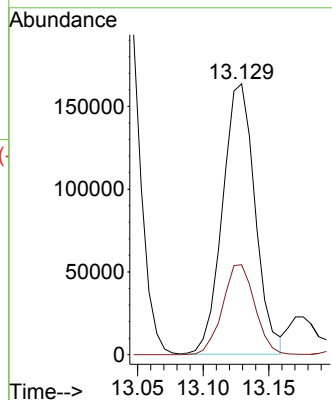
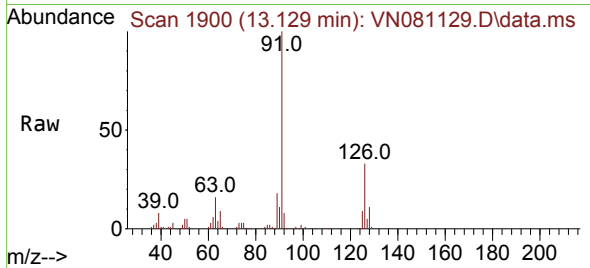




#79
2-Chlorotoluene
Concen: 20.451 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

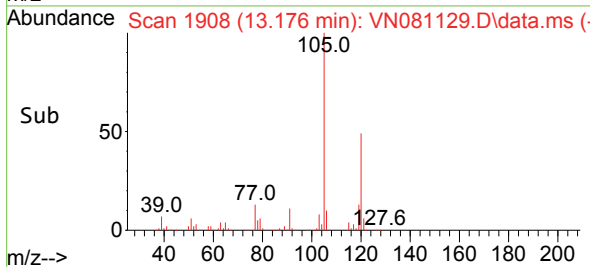
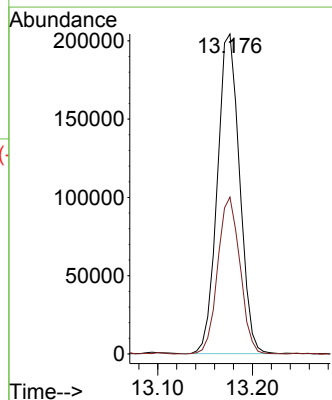
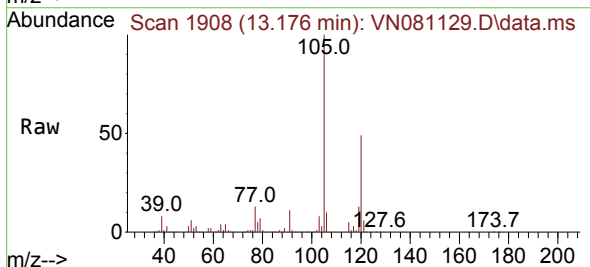
Instrument :
MSVOA_N
ClientSampleId :

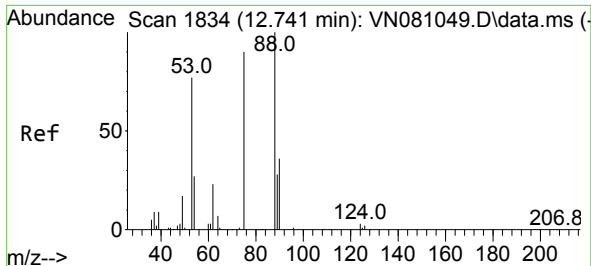
Tgt Ion: 91 Resp: 282965
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 21.009 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 105 Resp: 333786
Ion Ratio Lower Upper
105 100
120 49.0 23.0 69.0

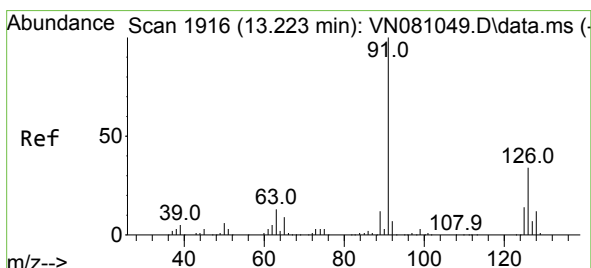
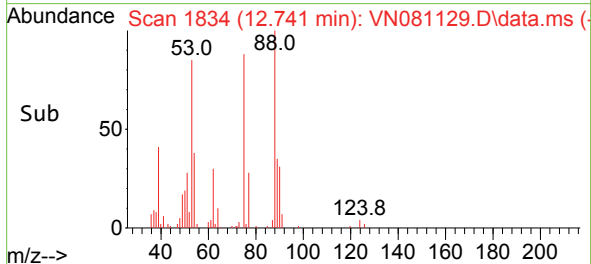
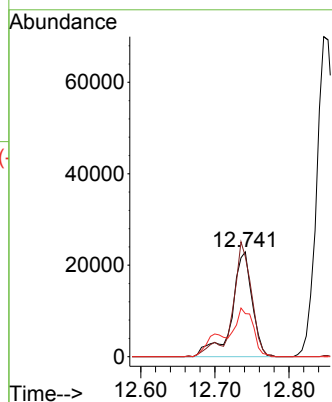
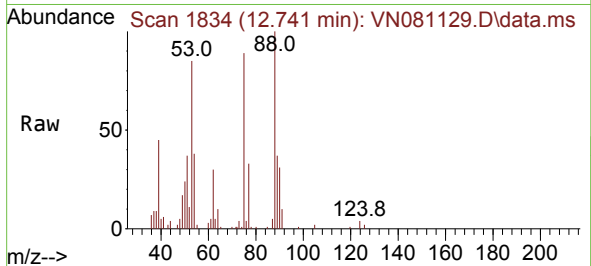




#81
trans-1,4-Dichloro-2-butene
Concen: 22.137 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

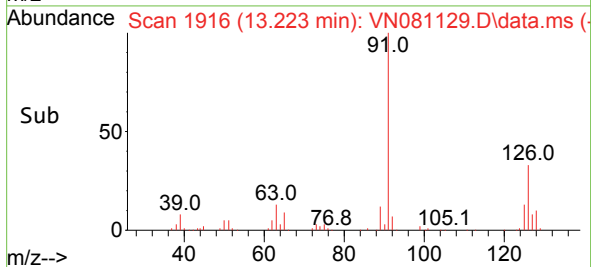
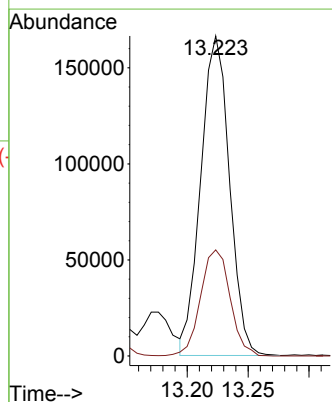
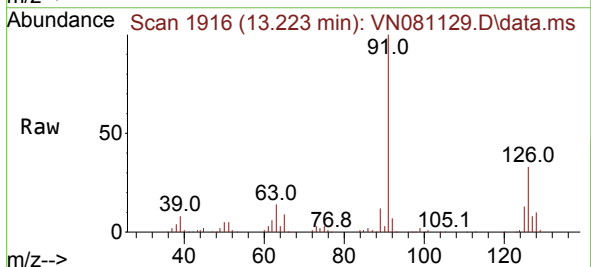
Instrument :
MSVOA_N
ClientSampleId :

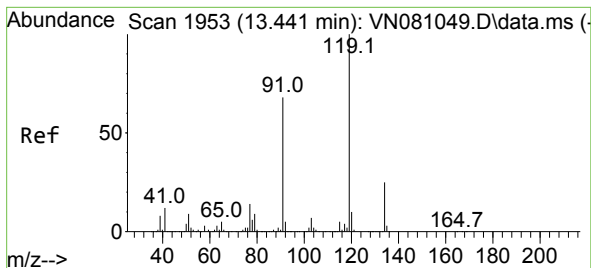
Tgt Ion: 75 Resp: 43764
Ion Ratio Lower Upper
75 100
53 89.8 71.4 107.2
89 41.3 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.167 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 91 Resp: 272830
Ion Ratio Lower Upper
91 100
126 34.3 15.3 45.9





#83

tert-Butylbenzene

Concen: 21.774 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

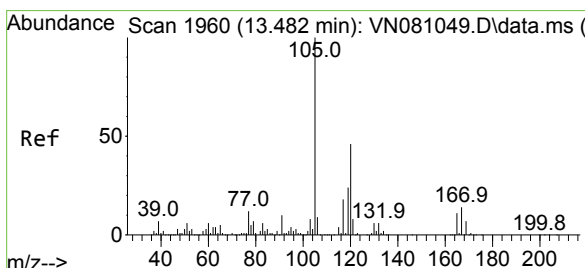
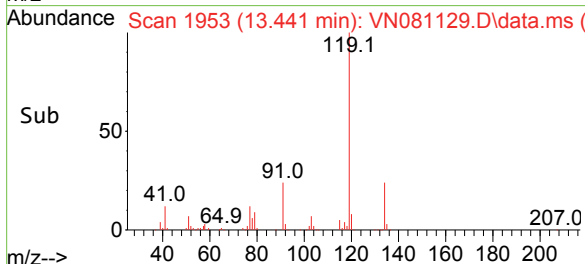
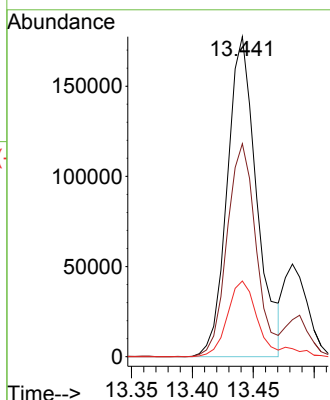
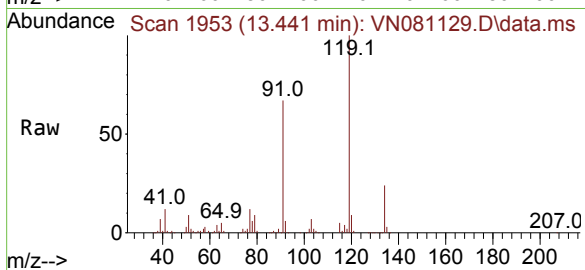
Tgt Ion:119 Resp: 299123

Ion Ratio Lower Upper

119 100

91 65.6 36.8 110.4

134 25.4 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.988 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081129.D

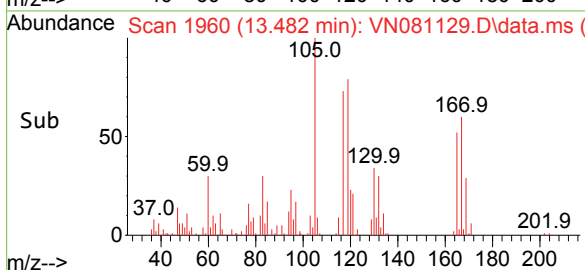
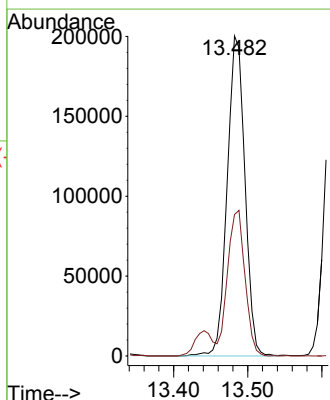
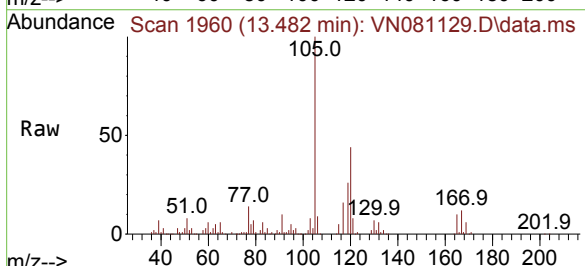
Acq: 22 Feb 2024 12:49

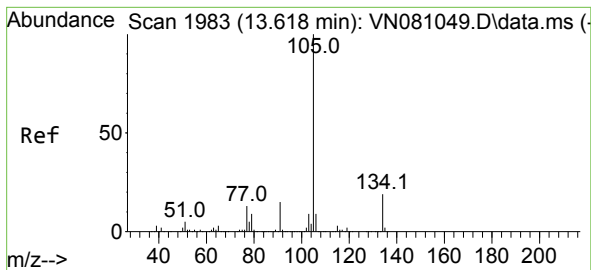
Tgt Ion:105 Resp: 332272

Ion Ratio Lower Upper

105 100

120 44.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 21.359 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

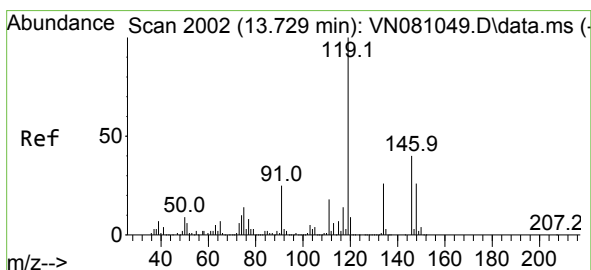
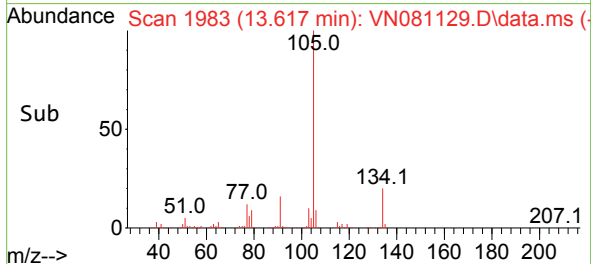
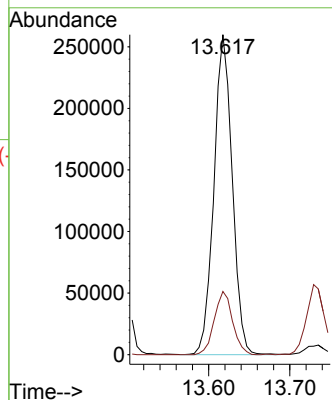
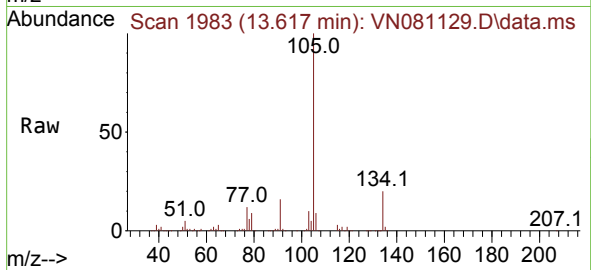
ClientSampleId :

Tgt Ion:105 Resp: 407906

Ion Ratio Lower Upper

105 100

134 19.8 8.6 25.8



#86

p-Isopropyltoluene

Concen: 20.471 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

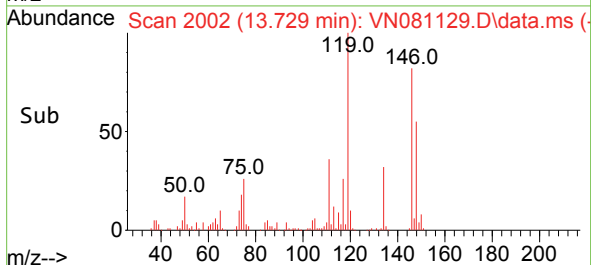
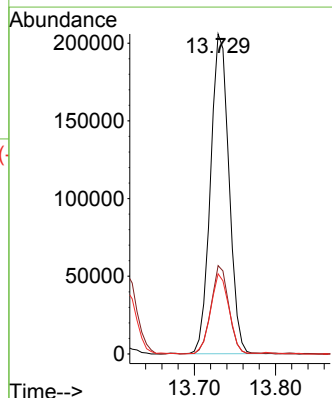
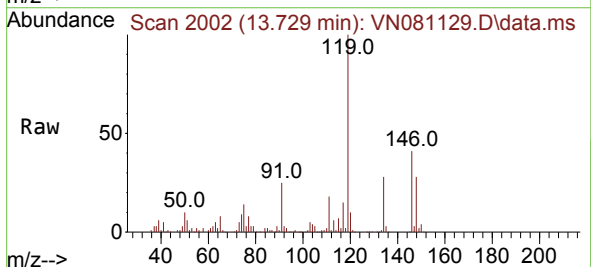
Tgt Ion:119 Resp: 324727

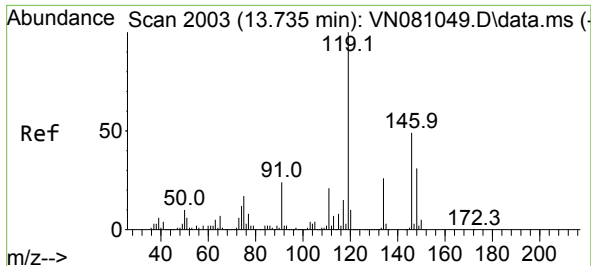
Ion Ratio Lower Upper

119 100

134 26.8 12.4 37.2

91 25.1 13.5 40.4

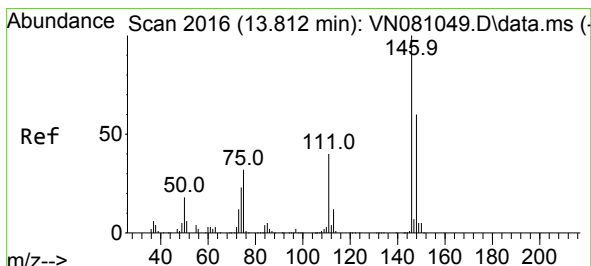
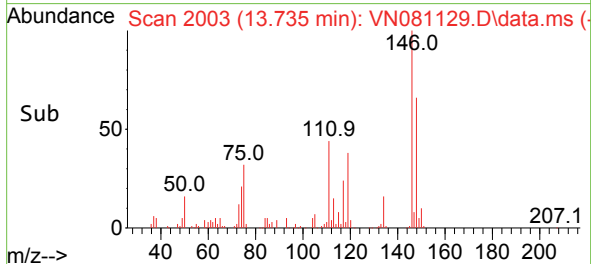
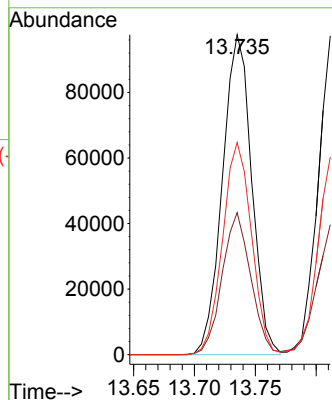
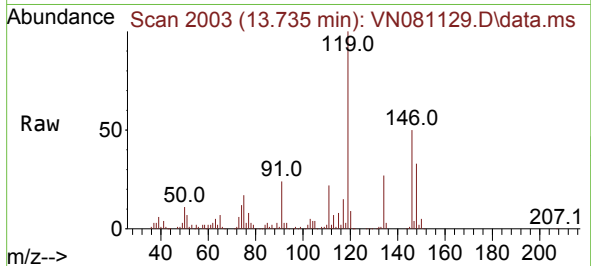




#87
 1,3-Dichlorobenzene
 Concen: 19.755 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

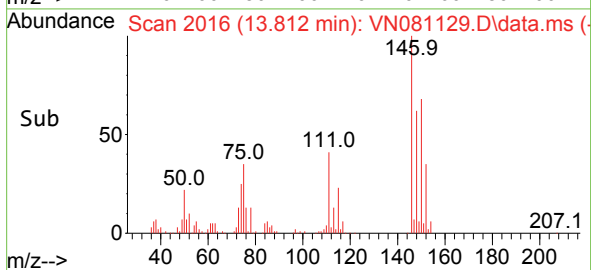
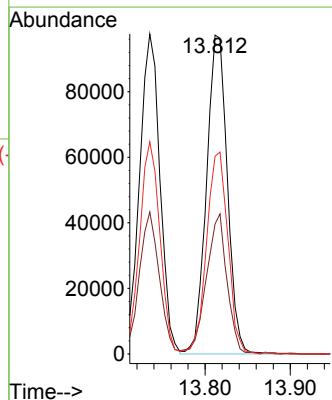
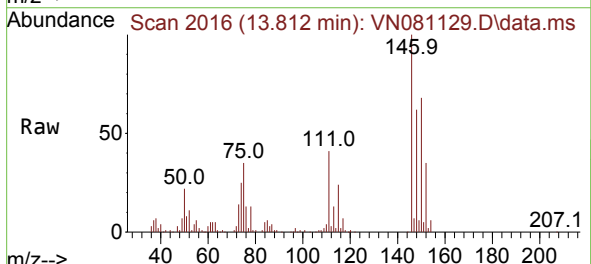
Instrument :
 MSVOA_N
 ClientSampleId :

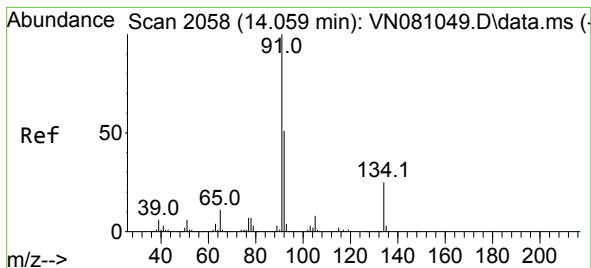
Tgt Ion:146 Resp: 163084
 Ion Ratio Lower Upper
 146 100
 111 43.6 23.9 71.7
 148 65.7 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 20.410 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Tgt Ion:146 Resp: 165562
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.6 67.7
 148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 20.578 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

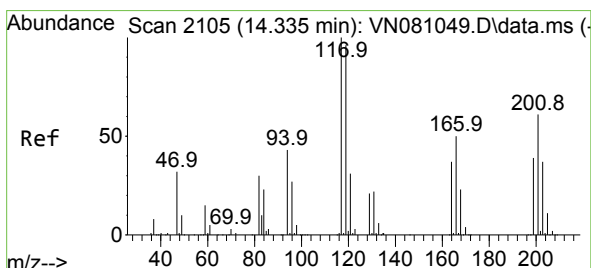
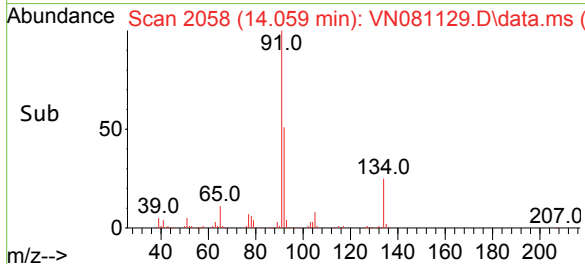
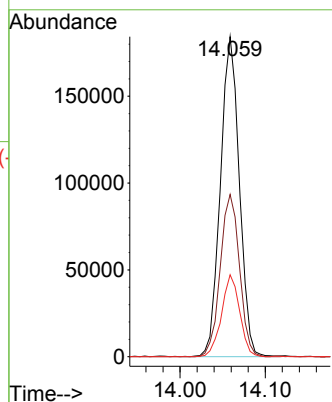
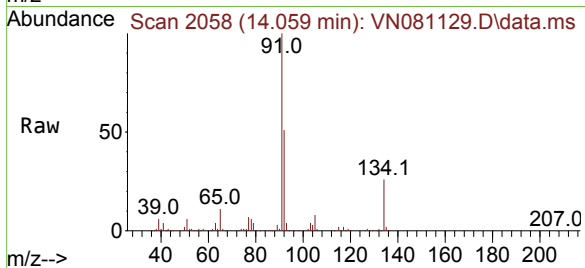
Tgt Ion: 91 Resp: 284389

Ion Ratio Lower Upper

91 100

92 51.5 26.7 80.1

134 24.5 10.8 32.4



#90

Hexachloroethane

Concen: 20.481 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081129.D

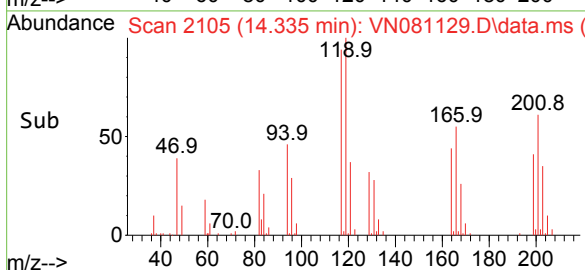
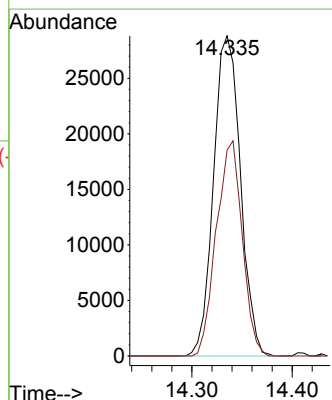
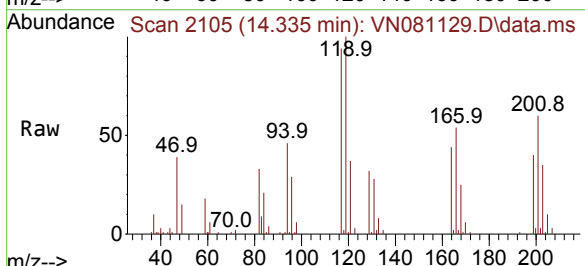
Acq: 22 Feb 2024 12:49

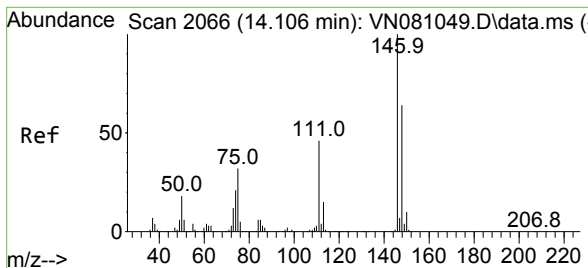
Tgt Ion: 117 Resp: 53703

Ion Ratio Lower Upper

117 100

201 64.8 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 20.489 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

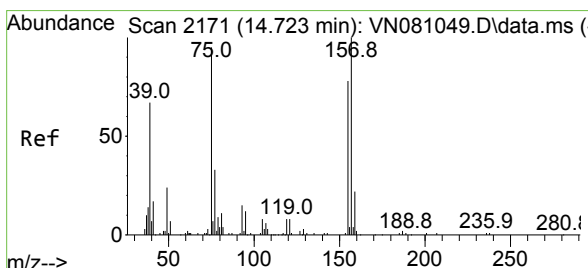
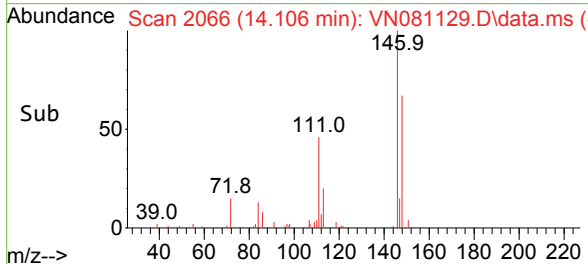
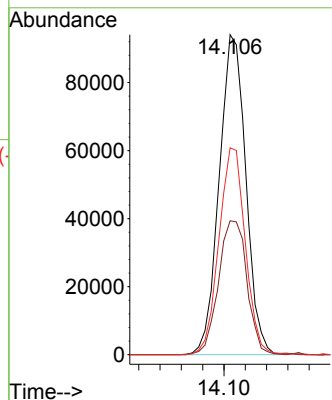
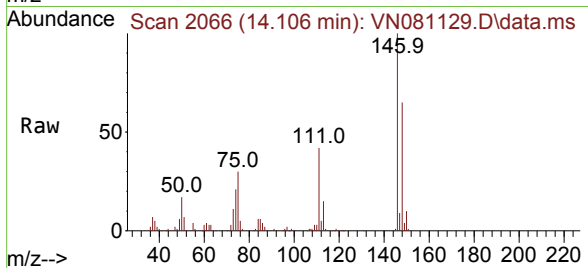
Tgt Ion:146 Resp: 163130

Ion Ratio Lower Upper

146 100

111 44.7 23.9 71.8

148 64.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.840 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

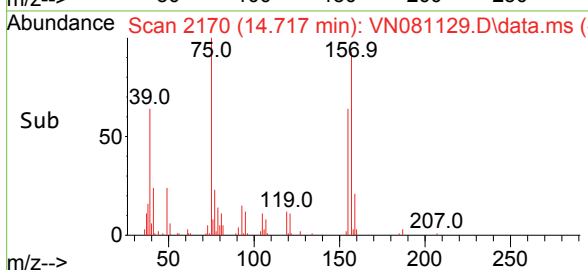
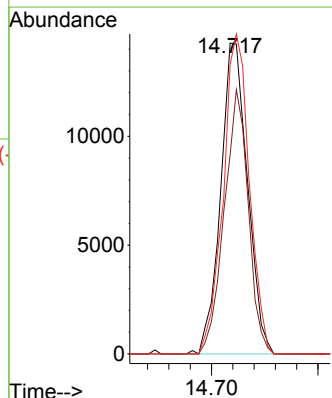
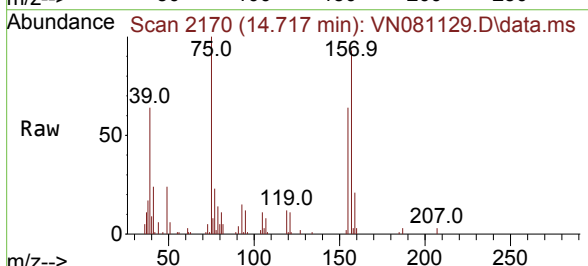
Tgt Ion: 75 Resp: 25019

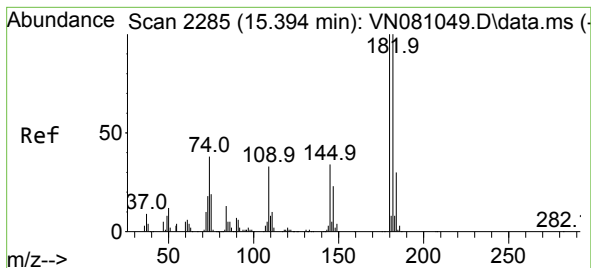
Ion Ratio Lower Upper

75 100

155 76.0 31.8 95.4

157 99.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 20.096 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

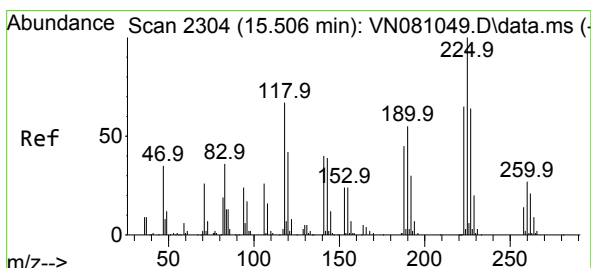
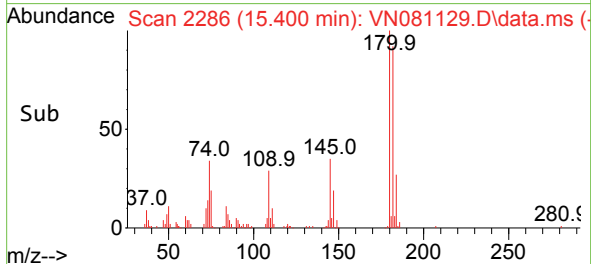
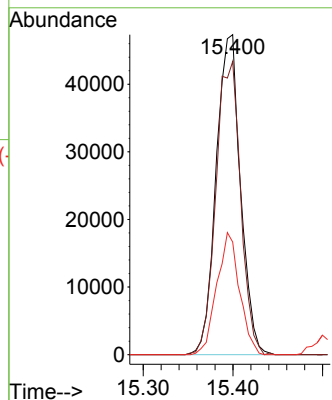
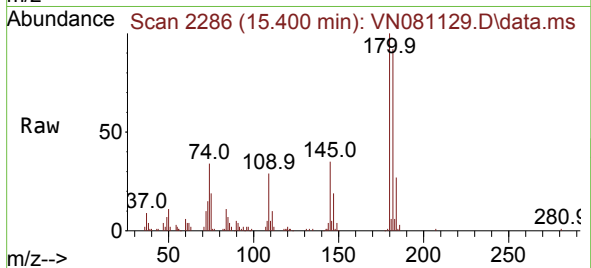
Tgt Ion:180 Resp: 89265

Ion Ratio Lower Upper

180 100

182 93.0 46.6 139.7

145 35.7 16.8 50.3



#94

Hexachlorobutadiene

Concen: 19.111 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

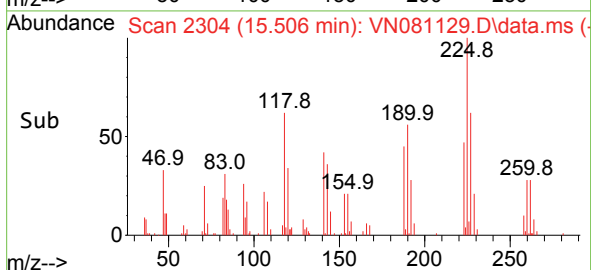
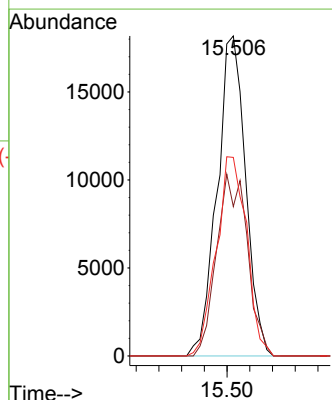
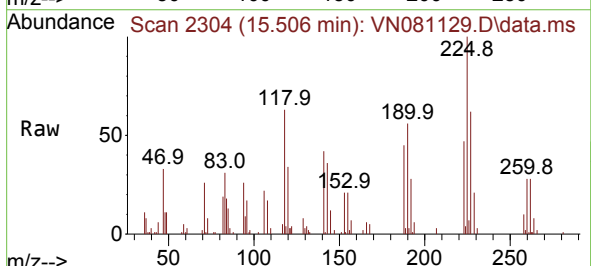
Tgt Ion:225 Resp: 31659

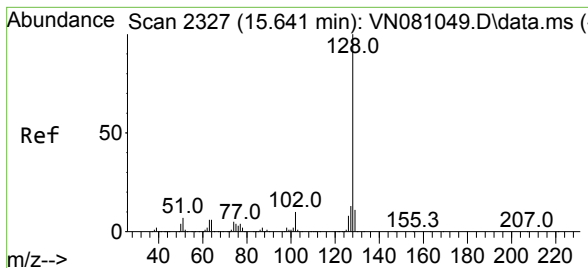
Ion Ratio Lower Upper

225 100

223 61.4 33.3 99.8

227 66.3 33.1 99.2





#95

Naphthalene

Concen: 20.856 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

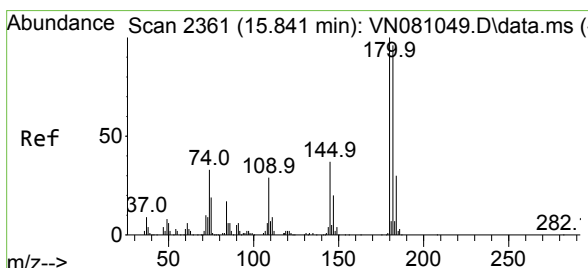
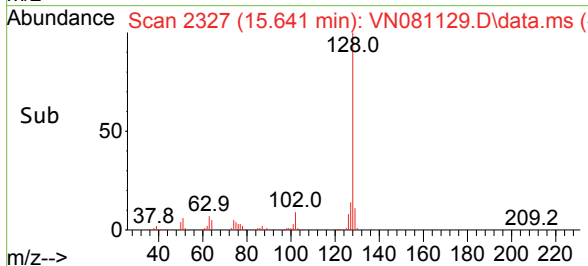
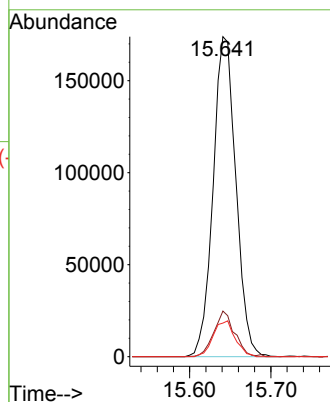
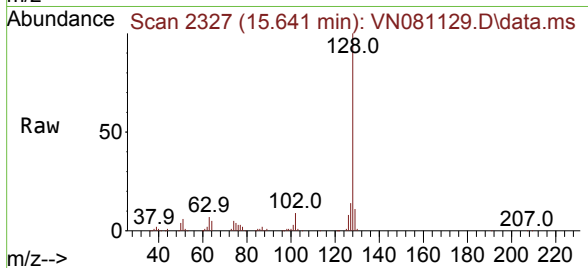
Tgt Ion:128 Resp: 339487

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.955 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion:180 Resp: 92338

Ion Ratio Lower Upper

180 100

182 91.4 46.5 139.3

145 34.7 17.8 53.4

