

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081212.D
 Acq On : 27 Feb 2024 12:22
 Operator : JC\MD
 Sample : VN0227WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS02

Quant Time: Feb 29 06:47:59 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	8.229	168	284535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	474747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167387	47.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.980%
35) Dibromofluoromethane	8.165	113	143394	48.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	10.570	98	468345	44.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.480%
62) 4-Bromofluorobenzene	12.853	95	183246	46.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76649	20.830	ug/l	97
3) Chloromethane	2.359	50	72701	17.337	ug/l	99
4) Vinyl Chloride	2.512	62	81358	19.905	ug/l #	89
5) Bromomethane	2.959	94	51767	17.832	ug/l	82
6) Chloroethane	3.124	64	56594	20.902	ug/l	94
7) Trichlorofluoromethane	3.500	101	128664	21.548	ug/l	91
8) Diethyl Ether	3.959	74	44992	20.609	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	71610	21.513	ug/l	92
10) Methyl Iodide	4.594	142	64419	17.337	ug/l	97
11) Tert butyl alcohol	5.512	59	64871	101.142	ug/l #	94
12) 1,1-Dichloroethene	4.347	96	65725	20.426	ug/l #	78
13) Acrolein	4.177	56	31440	91.457	ug/l	97
14) Allyl chloride	5.024	41	93014	19.482	ug/l #	69
15) Acrylonitrile	5.718	53	185094	110.498	ug/l	99
16) Acetone	4.430	43	135599	98.812	ug/l	96
17) Carbon Disulfide	4.712	76	158530	17.664	ug/l	99
18) Methyl Acetate	5.024	43	83203	24.854	ug/l #	90
19) Methyl tert-butyl Ether	5.794	73	235477	21.367	ug/l	100
20) Methylene Chloride	5.283	84	77014	21.157	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	69728	19.423	ug/l	92
22) Diisopropyl ether	6.677	45	233939	21.601	ug/l #	95
23) Vinyl Acetate	6.606	43	920993	104.813	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	134118	21.417	ug/l	99
25) 2-Butanone	7.482	43	236631	106.736	ug/l	100
26) 2,2-Dichloropropane	7.500	77	120253	20.494	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	87621	21.007	ug/l	86
28) Bromochloromethane	7.818	49	57847	22.282	ug/l #	67
29) Tetrahydrofuran	7.841	42	159726	107.927	ug/l	90
30) Chloroform	7.965	83	147487	22.154	ug/l	98
31) Cyclohexane	8.259	56	117738	19.551	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	130586	21.538	ug/l	87
36) 1,1-Dichloropropene	8.376	75	105698	20.697	ug/l	98
37) Ethyl Acetate	7.559	43	99312	21.547	ug/l	98
38) Carbon Tetrachloride	8.365	117	105759	20.469	ug/l	92
39) Methylcyclohexane	9.600	83	119172	20.018	ug/l	88
40) Benzene	8.612	78	311232	21.055	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54286	20.695	ug/l	95
42) 1,2-Dichloroethane	8.676	62	106265	20.605	ug/l	99
43) Isopropyl Acetate	8.688	43	172483	21.397	ug/l	97
44) Trichloroethene	9.359	130	78317	19.892	ug/l	98
45) 1,2-Dichloropropane	9.623	63	78226	21.156	ug/l	96
46) Dibromomethane	9.712	93	54946	20.394	ug/l	92
47) Bromodichloromethane	9.888	83	111150	21.783	ug/l #	99
48) Methyl methacrylate	9.682	41	75688	20.179	ug/l	89
49) 1,4-Dioxane	9.700	88	32556	449.696	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	514422	110.936	ug/l	96
52) Toluene	10.635	92	199436	21.311	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	115735	20.411	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	125119	20.423	ug/l	91
55) 1,1,2-Trichloroethane	11.017	97	77751	21.602	ug/l	94
56) Ethyl methacrylate	10.876	69	110747	20.132	ug/l	92
57) 1,3-Dichloropropane	11.165	76	136305	21.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	244246	88.493	ug/l	90
59) 2-Hexanone	11.200	43	374791	101.948	ug/l	95
60) Dibromochloromethane	11.365	129	80847	21.144	ug/l	96
61) 1,2-Dibromoethane	11.470	107	78476	20.734	ug/l	97
64) Tetrachloroethene	11.106	164	75843	23.407	ug/l	88
65) Chlorobenzene	11.894	112	209062	20.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	80303	21.759	ug/l	95
67) Ethyl Benzene	11.964	91	375859	20.443	ug/l	99
68) m/p-Xylenes	12.076	106	287842	40.844	ug/l	94
69) o-Xylene	12.400	106	134705	19.283	ug/l	99
70) Styrene	12.412	104	232044	20.962	ug/l	96
71) Bromoform	12.582	173	48789	20.837	ug/l #	99
73) Isopropylbenzene	12.700	105	376754	20.234	ug/l	99
74) N-amyl acetate	12.494	43	145064	18.434	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	106636	20.367	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	144323	29.847	ug/l	60
77) Bromobenzene	12.982	156	79099	19.052	ug/l	79
78) n-propylbenzene	13.035	91	436320	20.355	ug/l	97
79) 2-Chlorotoluene	13.129	91	259485	19.736	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	310211	20.548	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	35401	18.844	ug/l	91
82) 4-Chlorotoluene	13.223	91	254849	19.824	ug/l	94
83) tert-Butylbenzene	13.441	119	267298	20.476	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	310230	20.622	ug/l	98
85) sec-Butylbenzene	13.623	105	378368	20.849	ug/l	94
86) p-Isopropyltoluene	13.729	119	306129	20.309	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	154039	19.636	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	155929	20.229	ug/l	98
89) n-Butylbenzene	14.058	91	271900	20.705	ug/l	97
90) Hexachloroethane	14.335	117	50237	20.162	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	150202	19.852	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21603	19.845	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	82936	19.649	ug/l	98
94) Hexachlorobutadiene	15.505	225	31576	20.058	ug/l	94
95) Naphthalene	15.647	128	282483	18.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	83317	19.897	ug/l	99

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ClientSampleId :
VN0227WBS02

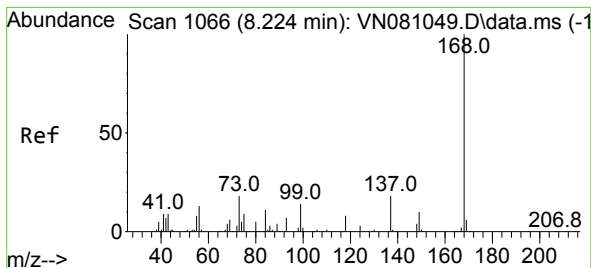
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QLast Update : Fri Feb 16 23:45:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN081212.D

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Instrument :

MSVOA_N

ClientSampleId :

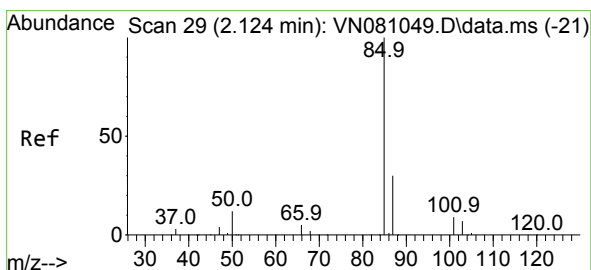
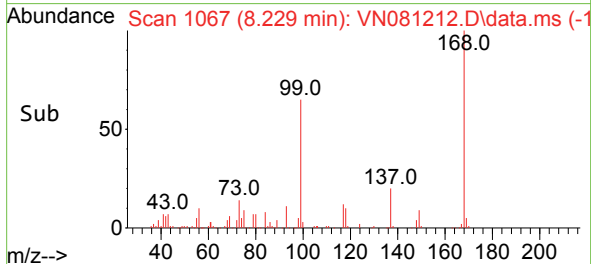
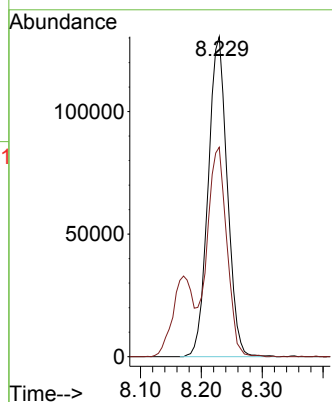
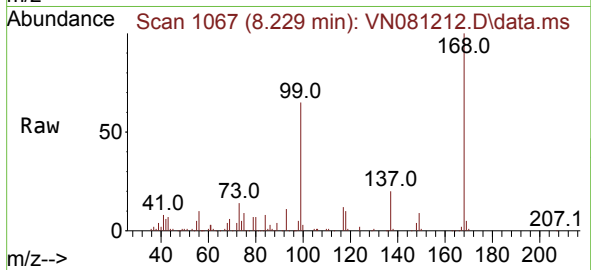
VN0227WBS02

Tgt Ion:168 Resp: 284535

Ion Ratio Lower Upper

168 100

99 65.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 20.830 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081212.D

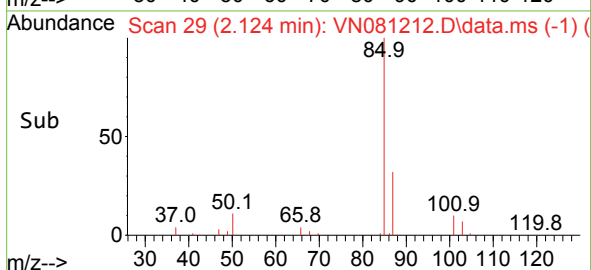
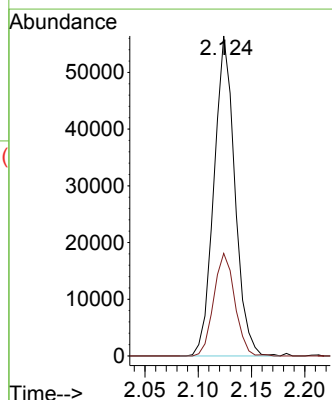
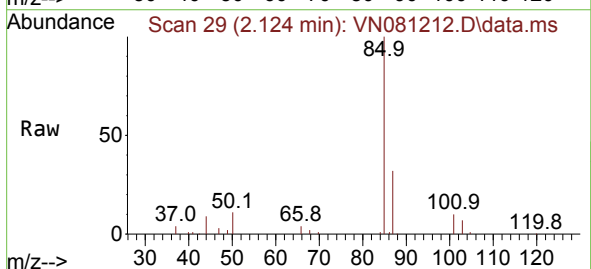
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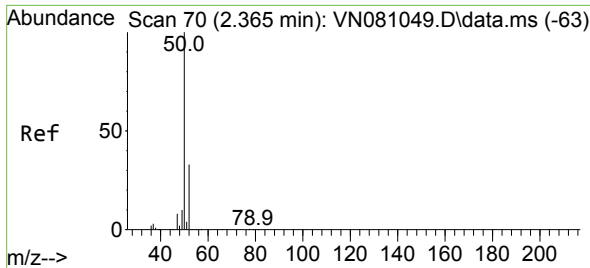
Tgt Ion: 85 Resp: 76649

Ion Ratio Lower Upper

85 100

87 32.1 15.3 45.9

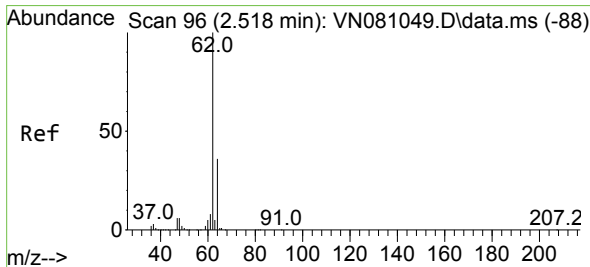
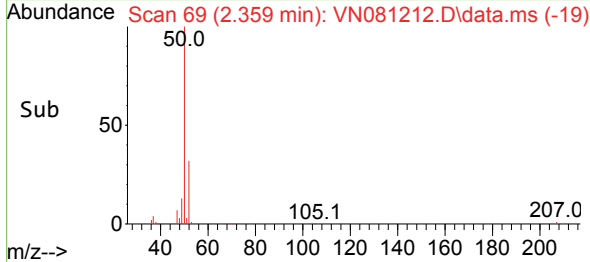
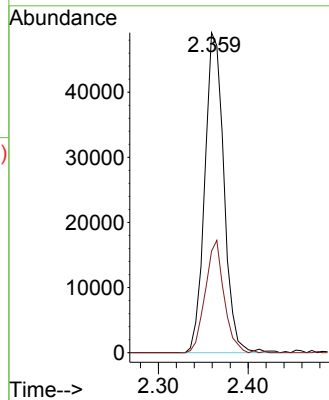
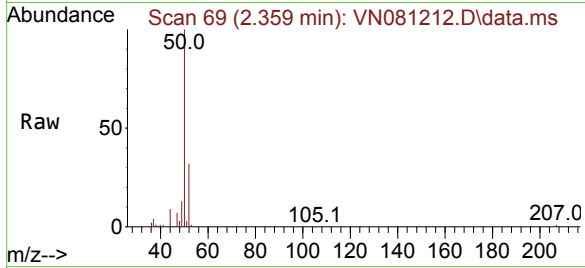




#3
Chloromethane
Concen: 17.337 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081212.D
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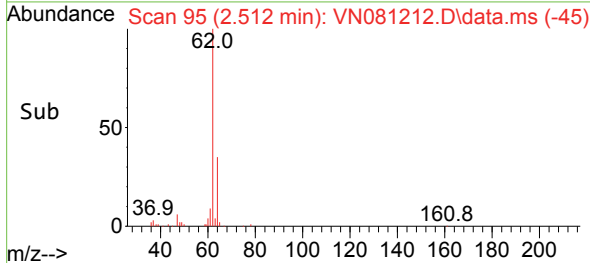
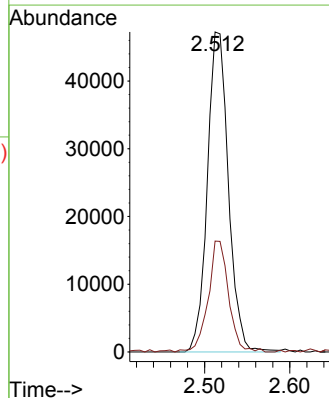
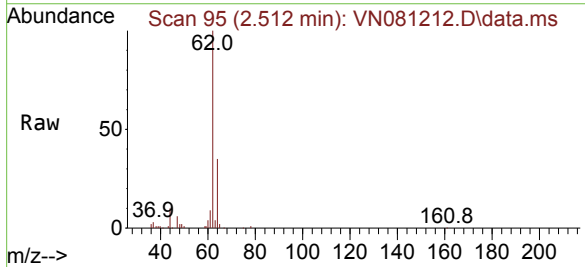
Instrument :
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ClientSampleId :
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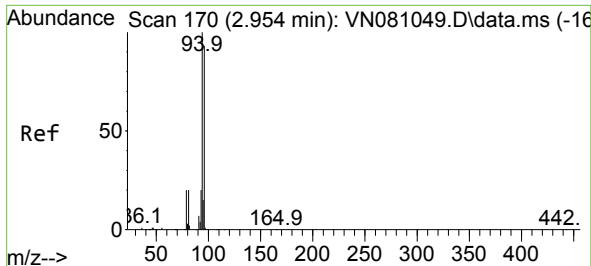
Tgt Ion: 50 Resp: 72701
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4



#4
Vinyl Chloride
Concen: 19.905 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 62 Resp: 81358
Ion Ratio Lower Upper
62 100
64 34.1 22.7 34.1#

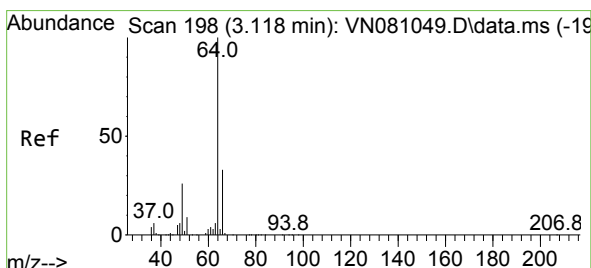
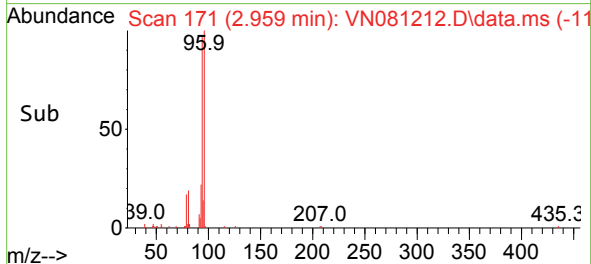
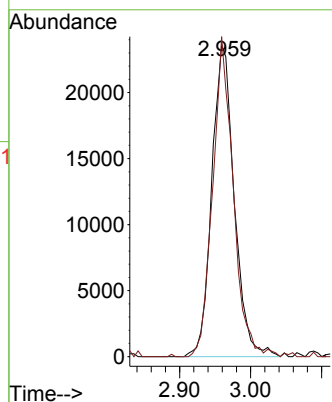
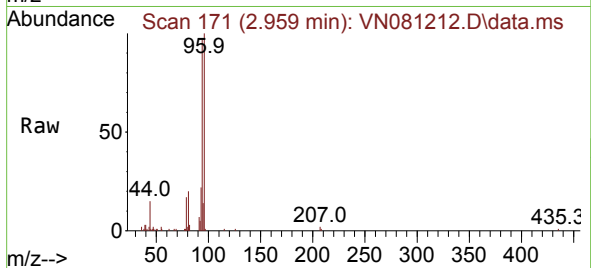




#5
Bromomethane
Concen: 17.832 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

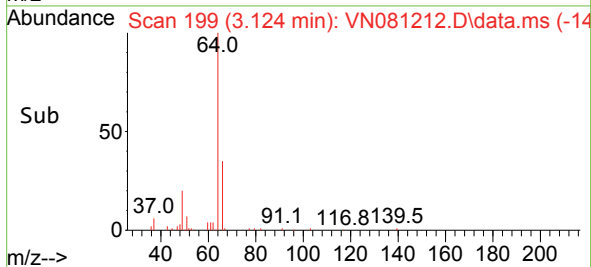
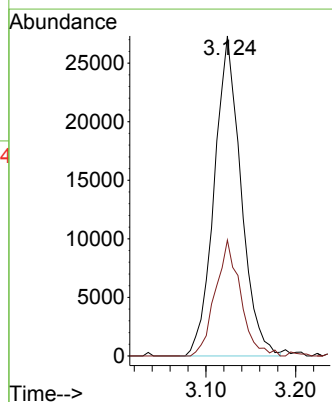
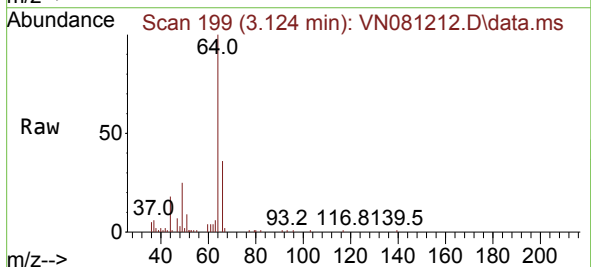
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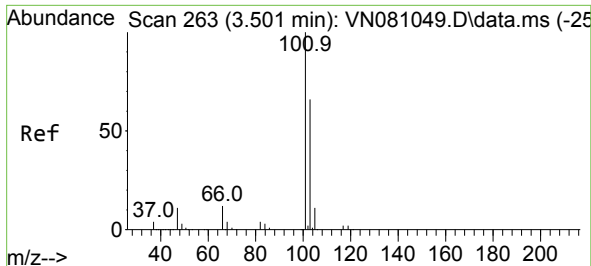
Tgt Ion: 94 Resp: 51767
Ion Ratio Lower Upper
94 100
96 102.7 69.2 103.8



#6
Chloroethane
Concen: 20.902 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 64 Resp: 56594
Ion Ratio Lower Upper
64 100
66 36.2 26.4 39.6

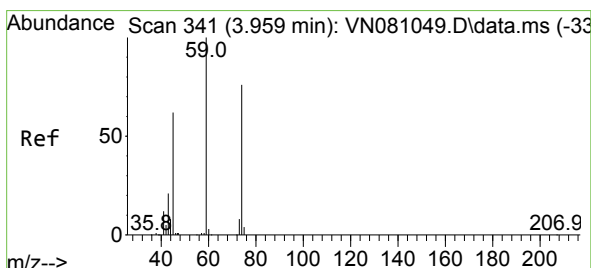
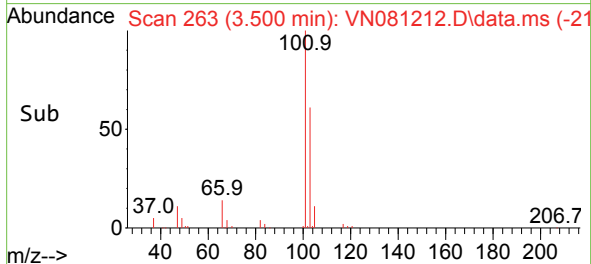
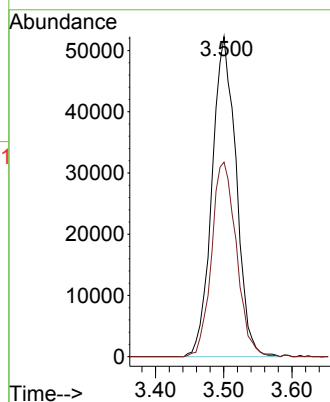
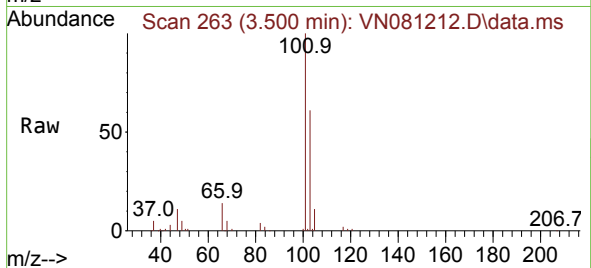




#7
Trichlorofluoromethane
Concen: 21.548 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

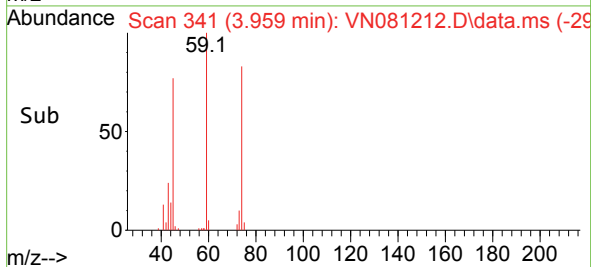
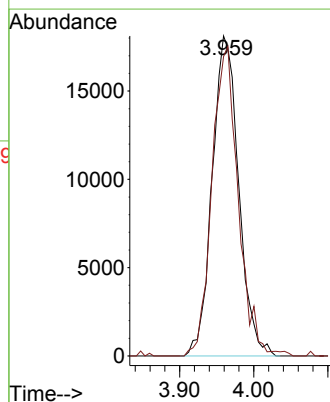
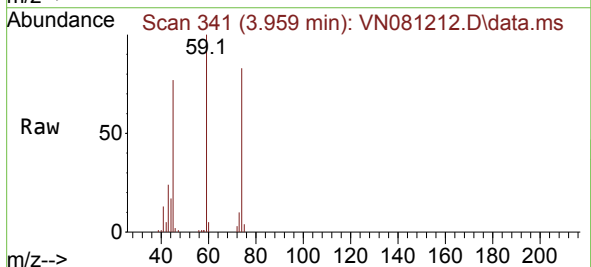
Instrument :
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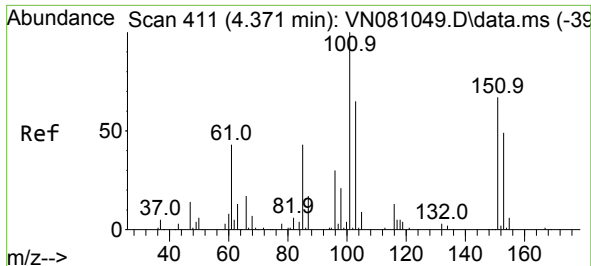
Tgt Ion:101 Resp: 128664
Ion Ratio Lower Upper
101 100
103 60.8 54.4 81.6



#8
Diethyl Ether
Concen: 20.609 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 74 Resp: 44992
Ion Ratio Lower Upper
74 100
45 95.2 53.3 159.9

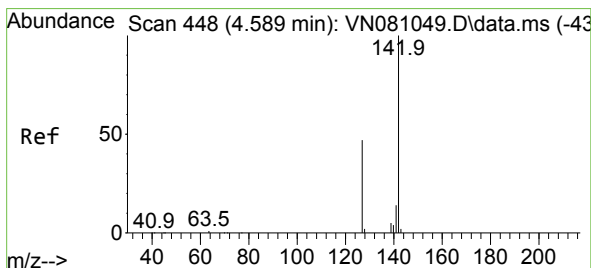
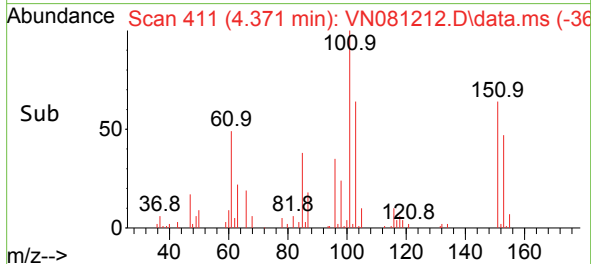
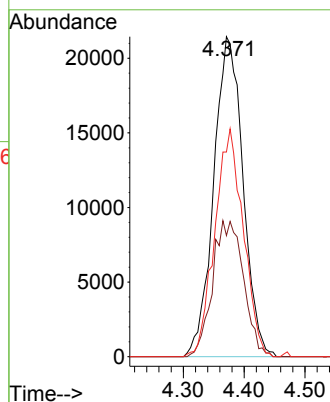
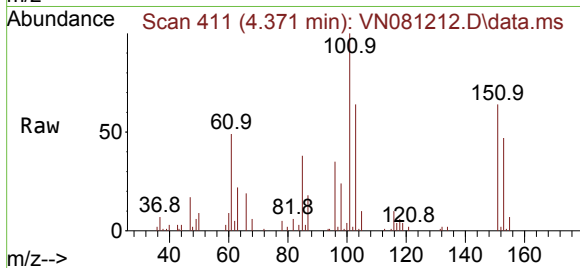




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.513 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

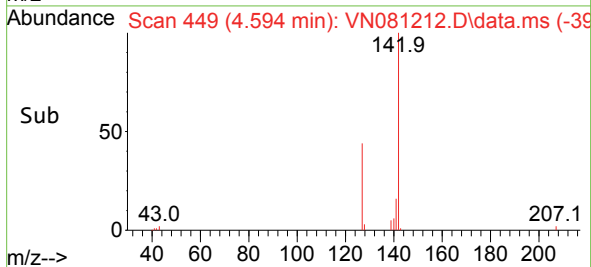
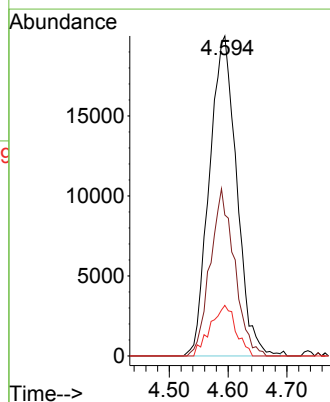
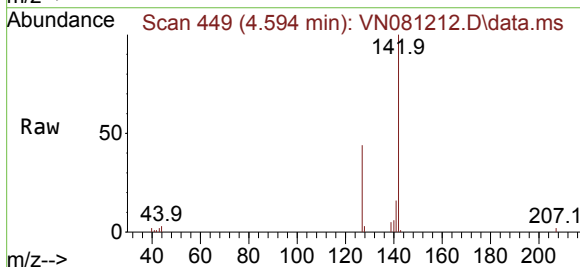
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

Tgt Ion:101 Resp: 71610
Ion Ratio Lower Upper
101 100
85 44.9 38.1 57.1
151 69.3 49.1 73.7



#10
Methyl Iodide
Concen: 17.337 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion:142 Resp: 64419
Ion Ratio Lower Upper
142 100
127 44.1 37.0 55.4
141 15.8 12.5 18.7

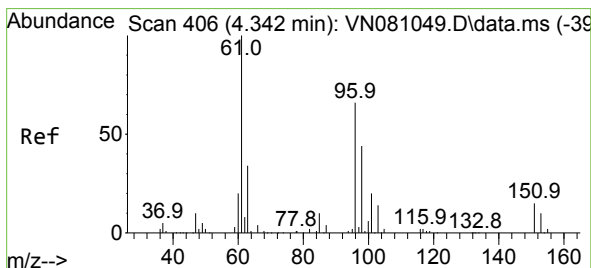
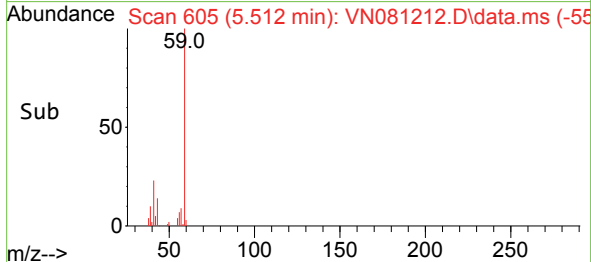
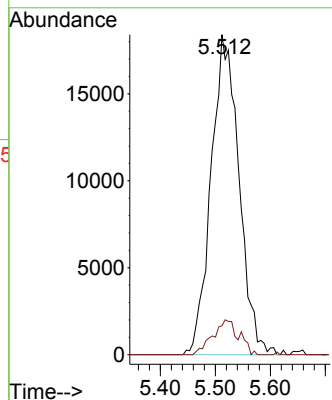
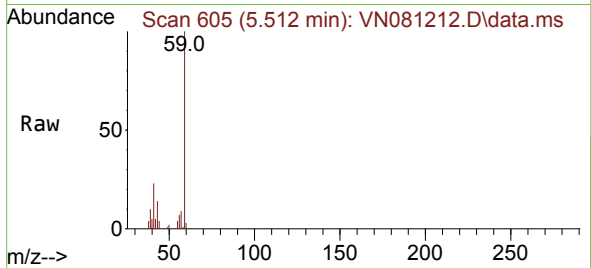




#11
Tert butyl alcohol
Concen: 101.142 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

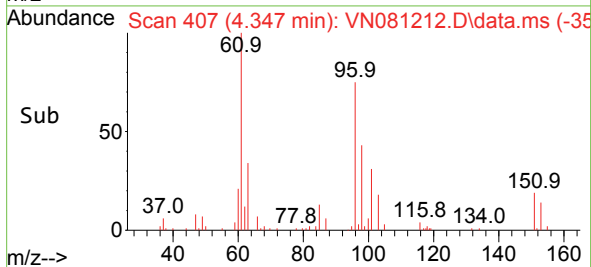
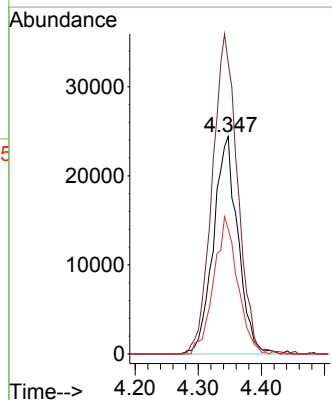
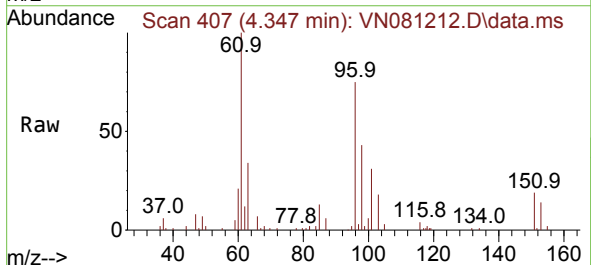
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

Tgt Ion: 59 Resp: 64871
Ion Ratio Lower Upper
59 100
57 8.6 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 20.426 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 96 Resp: 65725
Ion Ratio Lower Upper
96 100
61 133.8 138.2 207.4#
98 57.4 49.2 73.8

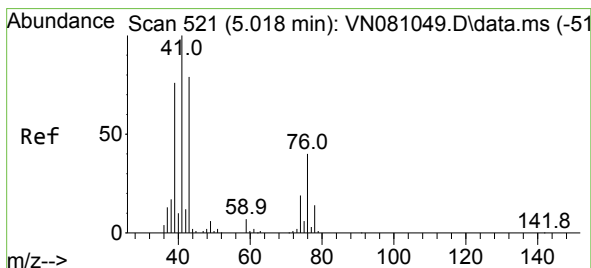
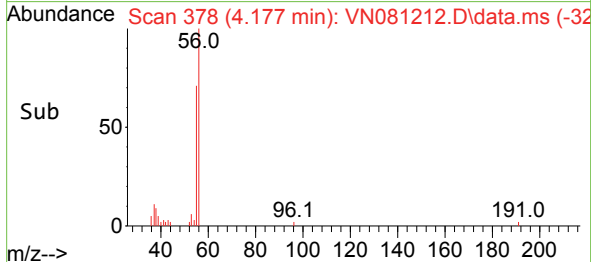
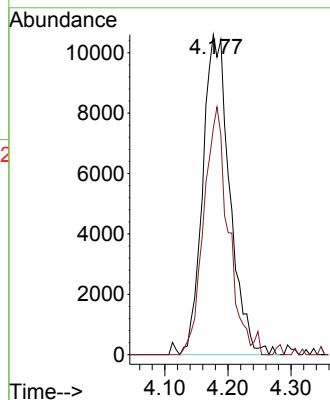
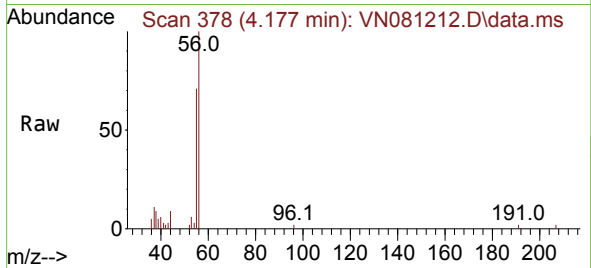




#13
Acrolein
Concen: 91.457 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

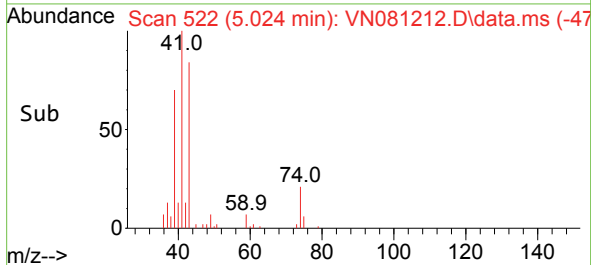
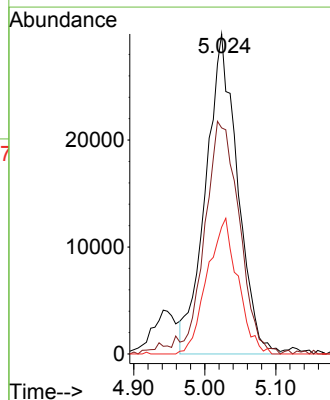
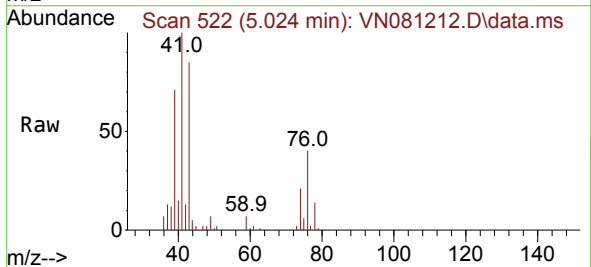
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

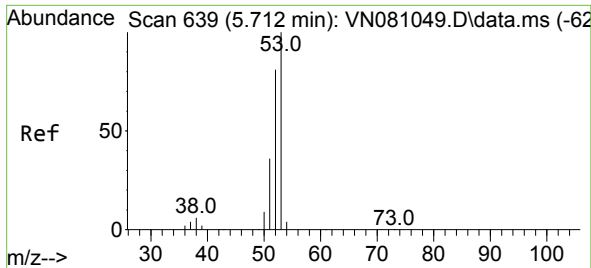
Tgt Ion: 56 Resp: 31440
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9



#14
Allyl chloride
Concen: 19.482 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 41 Resp: 93014
Ion Ratio Lower Upper
41 100
39 39.5 57.7 86.5#
76 40.9 26.8 40.2#

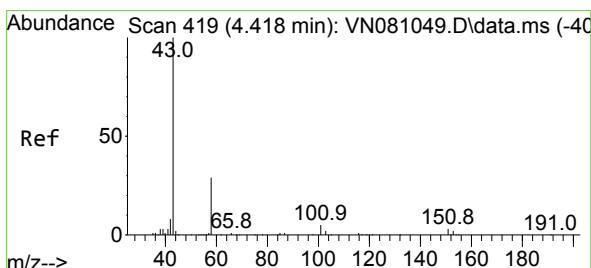
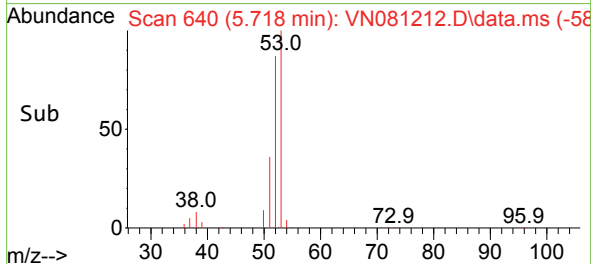
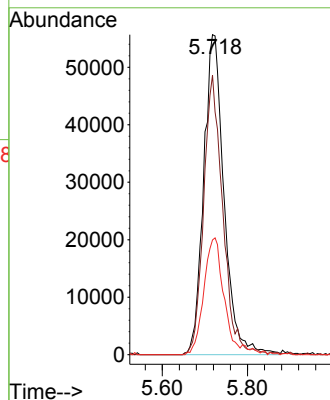
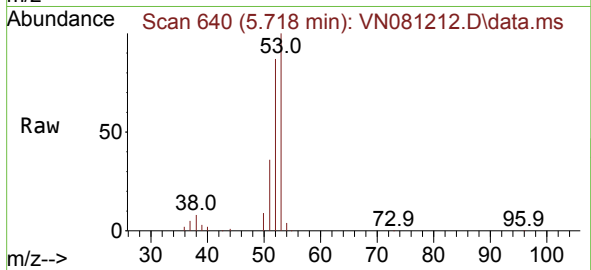




#15
Acrylonitrile
Concen: 110.498 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

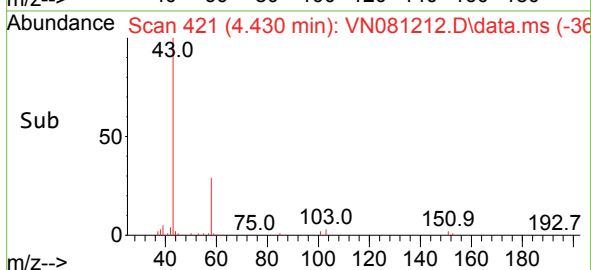
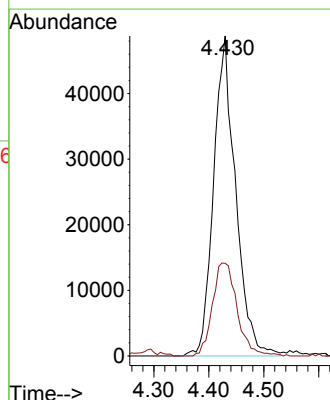
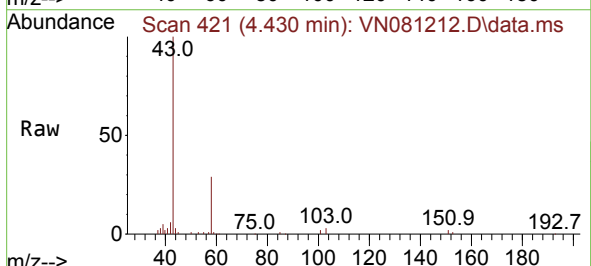
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

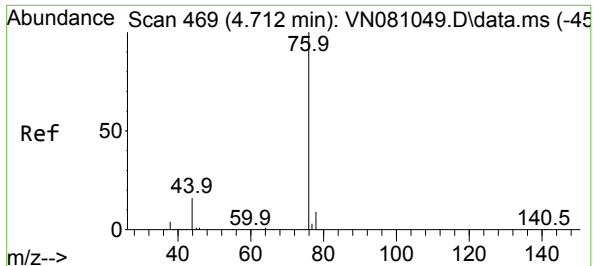
Tgt Ion: 53 Resp: 185094
Ion Ratio Lower Upper
53 100
52 81.4 64.8 97.2
51 35.2 26.9 40.3



#16
Acetone
Concen: 98.812 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 43 Resp: 135599
Ion Ratio Lower Upper
43 100
58 28.9 24.8 37.2

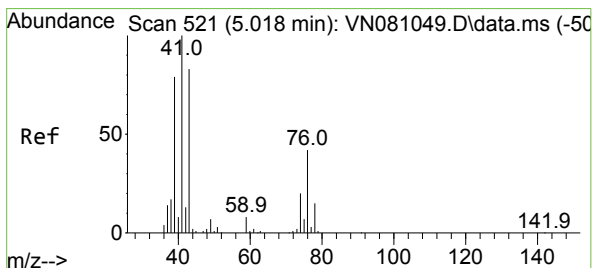
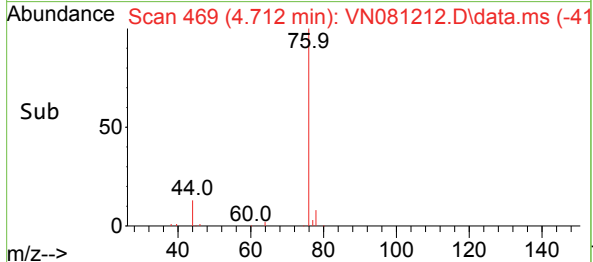
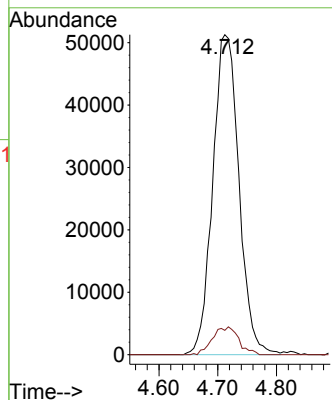
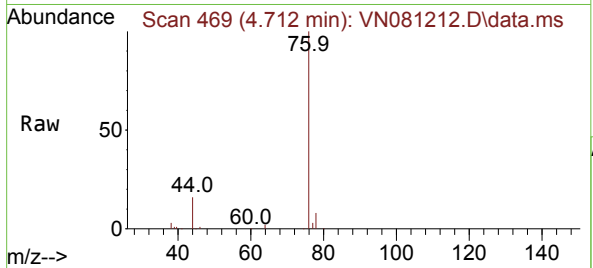




#17
Carbon Disulfide
Concen: 17.664 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

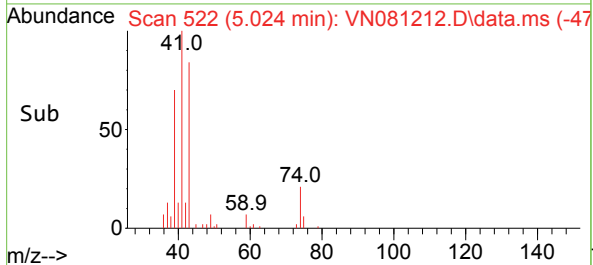
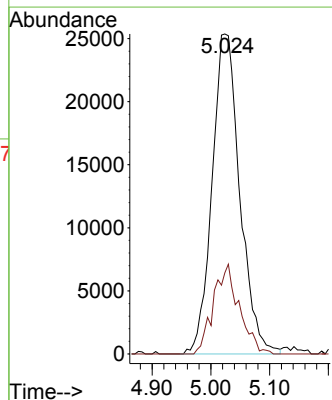
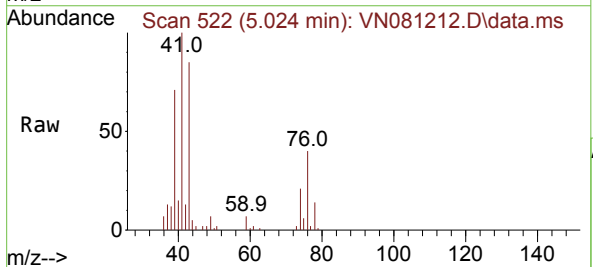
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

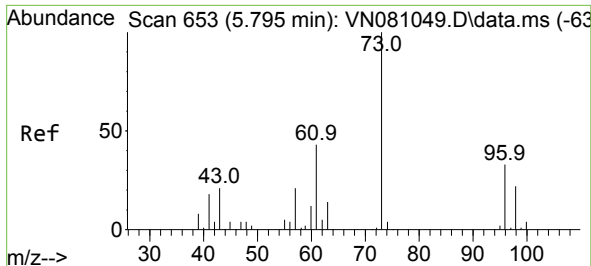
Tgt Ion: 76 Resp: 158530
Ion Ratio Lower Upper
76 100
78 7.6 6.3 9.5



#18
Methyl Acetate
Concen: 24.854 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 43 Resp: 83203
Ion Ratio Lower Upper
43 100
74 26.2 17.3 25.9#

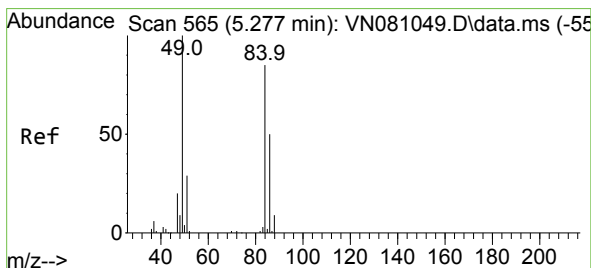
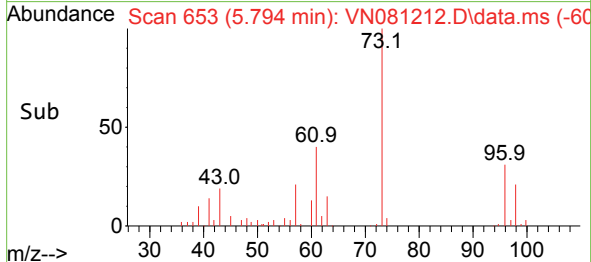
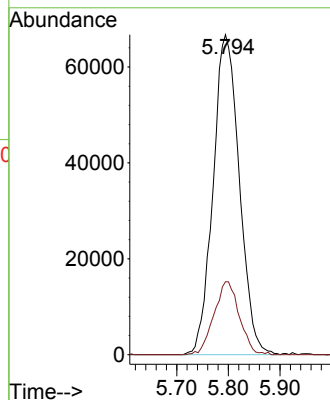
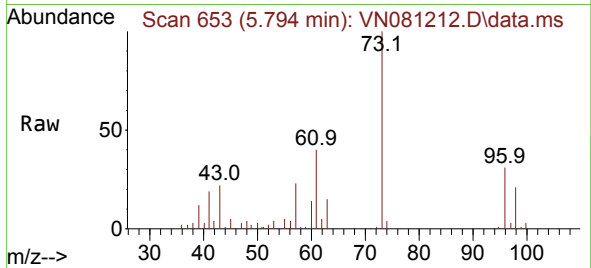




#19
Methyl tert-butyl Ether
Concen: 21.367 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

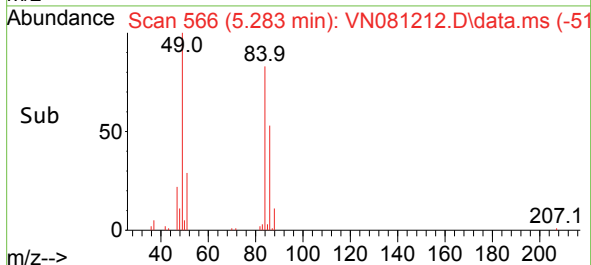
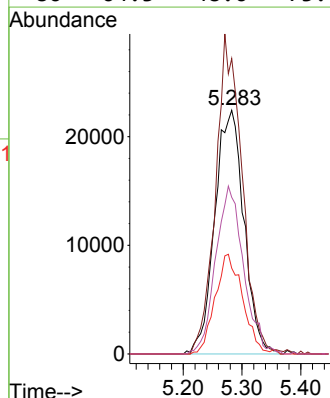
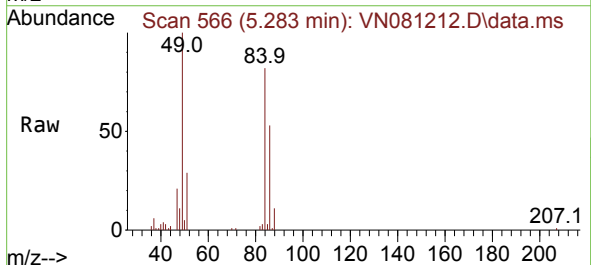
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

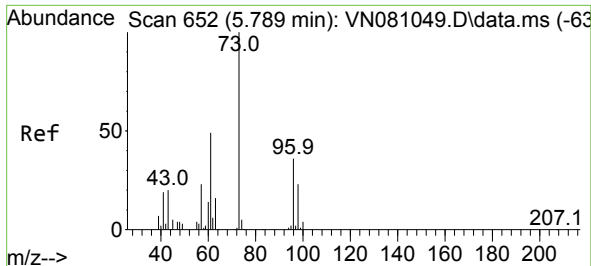
Tgt Ion: 73 Resp: 235477
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 21.157 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

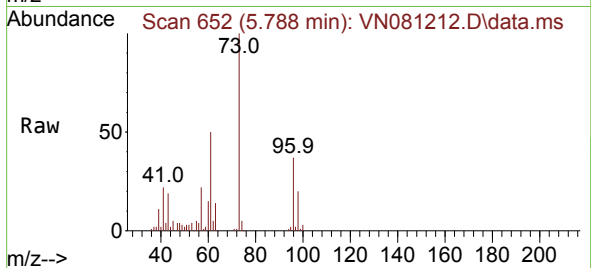
Tgt Ion: 84 Resp: 77014
Ion Ratio Lower Upper
84 100
49 121.2 108.1 162.1
51 35.2 32.9 49.3
86 64.3 48.6 73.0



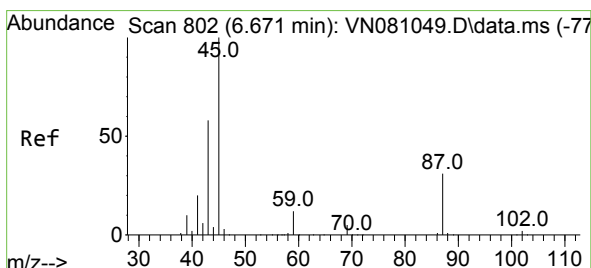
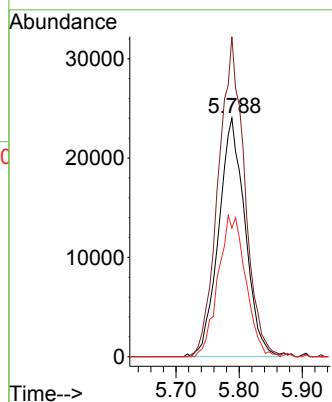
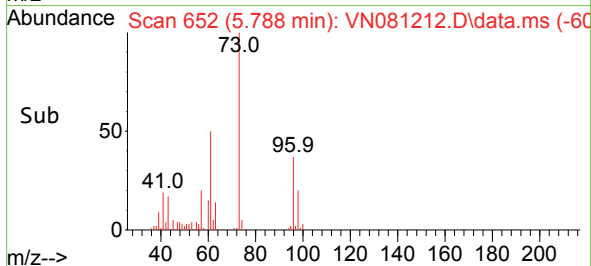


#21
trans-1,2-Dichloroethene
Concen: 19.423 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

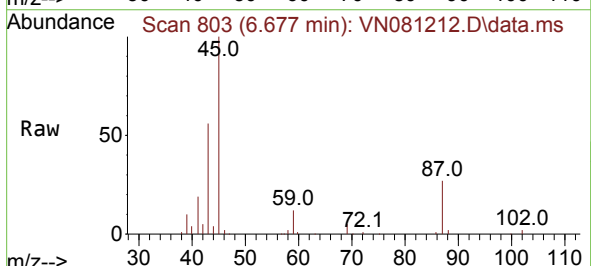
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02



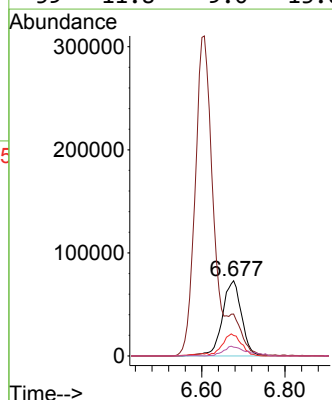
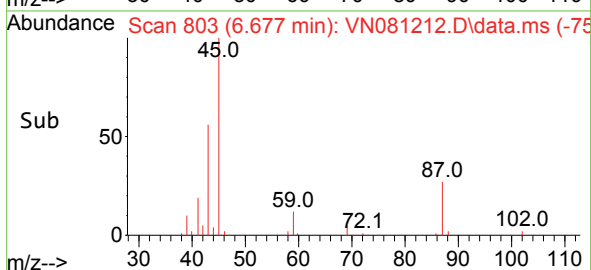
Tgt Ion: 96 Resp: 69728
Ion Ratio Lower Upper
96 100
61 134.2 112.8 169.2
98 53.9 51.0 76.4

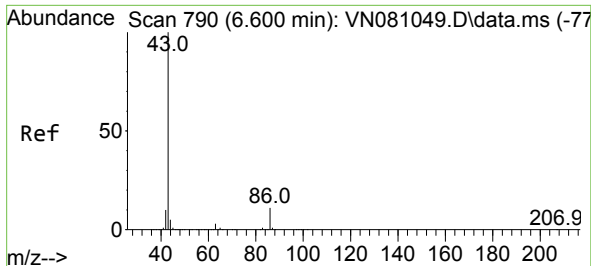


#22
Diisopropyl ether
Concen: 21.601 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22



Tgt Ion: 45 Resp: 233939
Ion Ratio Lower Upper
45 100
43 55.0 41.8 62.8
87 27.2 18.1 27.1#
59 11.8 9.0 13.6

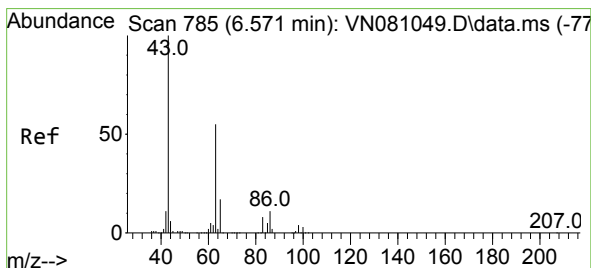
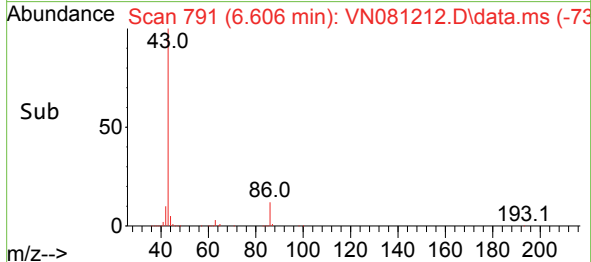
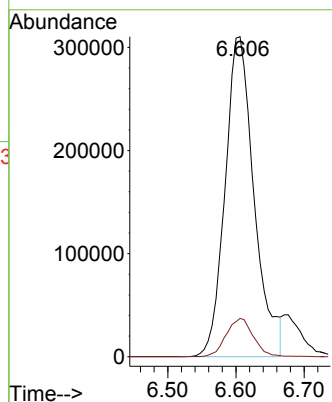
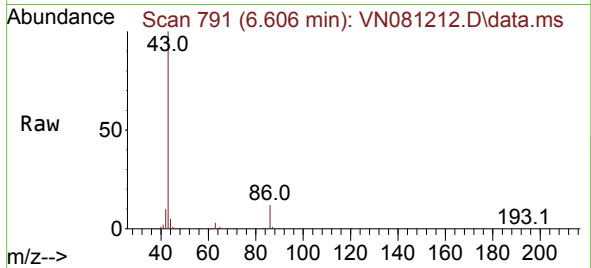




#23
 Vinyl Acetate
 Concen: 104.813 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

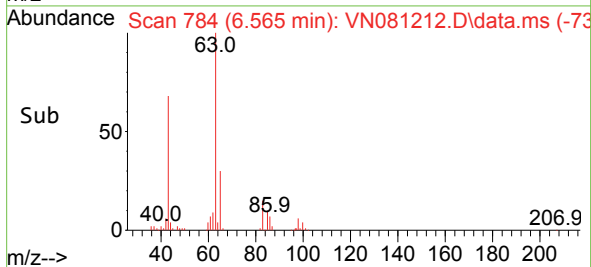
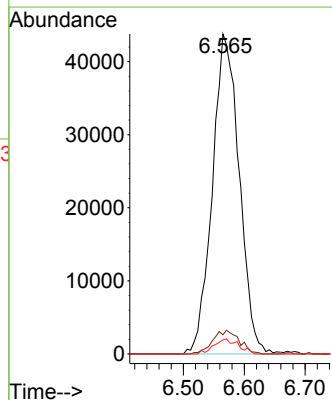
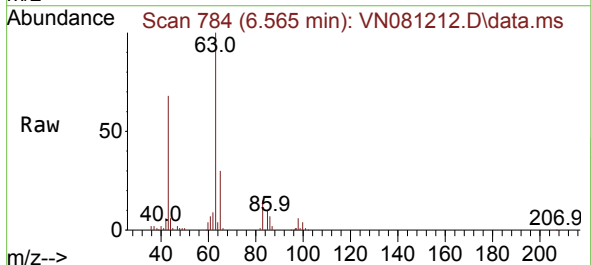
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS02

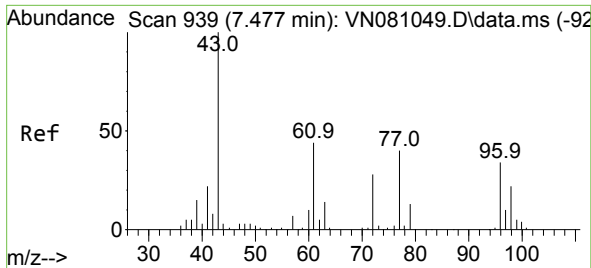
Tgt Ion: 43 Resp: 920993
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.417 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

Tgt Ion: 63 Resp: 134118
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.6
 100 4.4 1.9 5.7

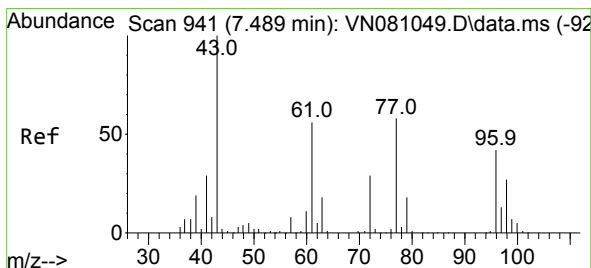
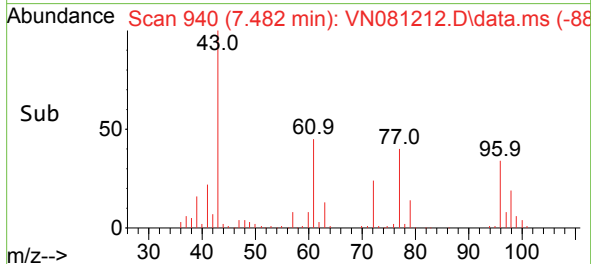
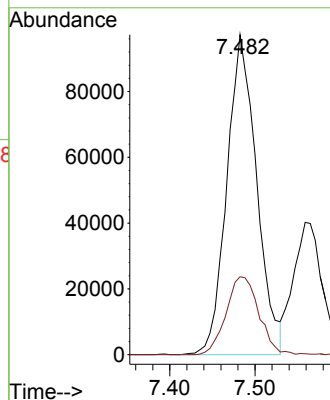
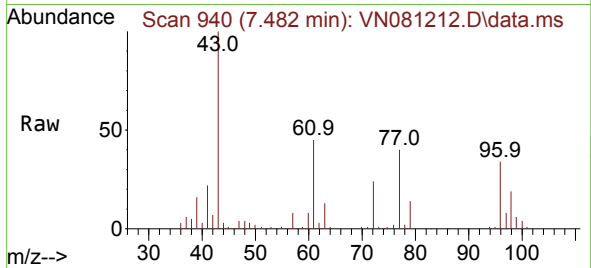




#25
2-Butanone
Concen: 106.736 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

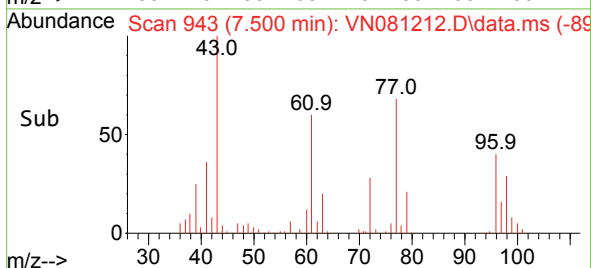
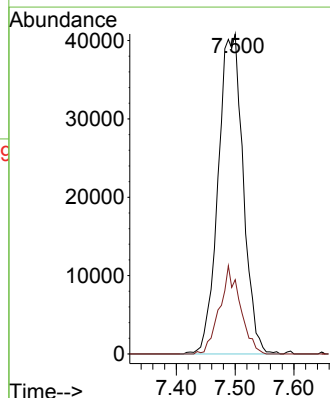
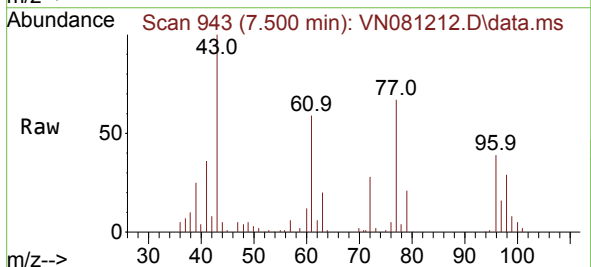
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

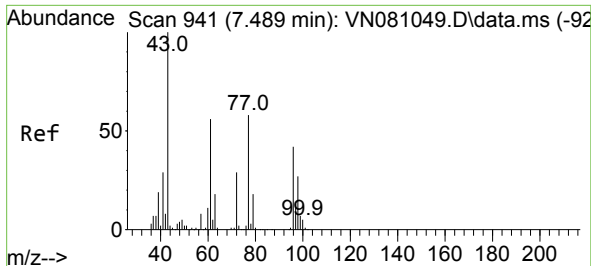
Tgt Ion: 43 Resp: 236631
Ion Ratio Lower Upper
43 100
72 24.4 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.494 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 77 Resp: 120253
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5

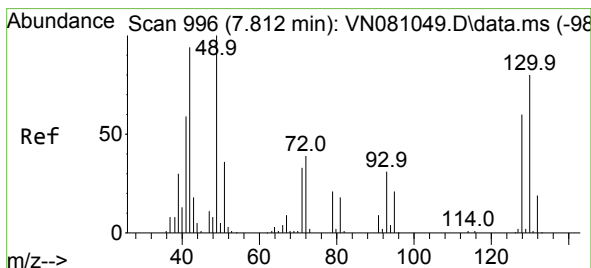
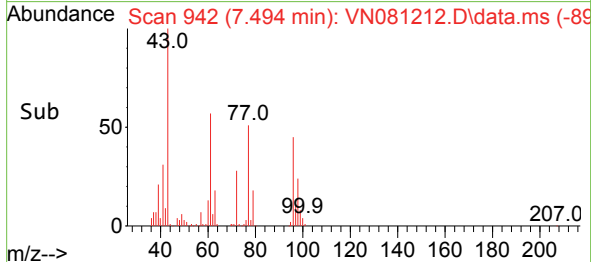
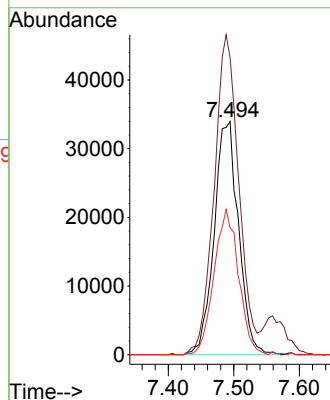
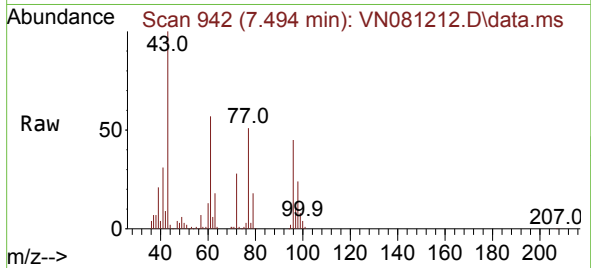




#27
 cis-1,2-Dichloroethene
 Concen: 21.007 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

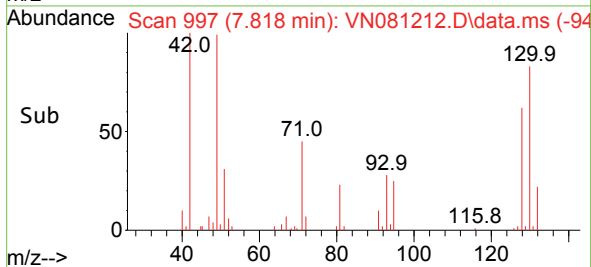
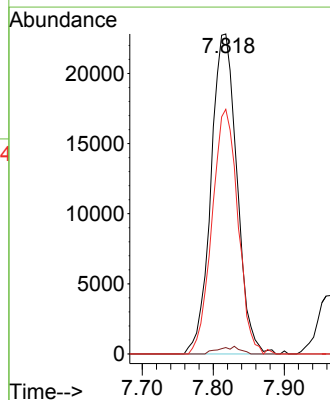
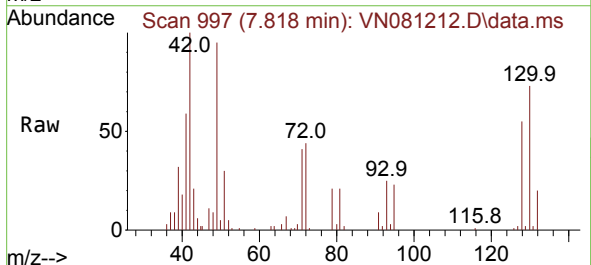
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS02

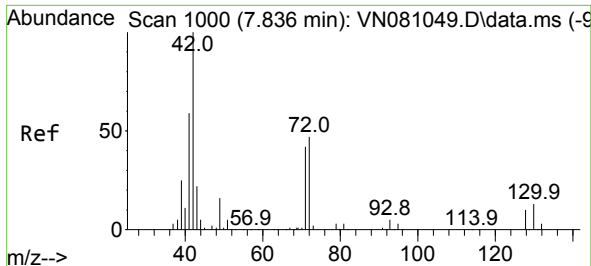
Tgt Ion: 96 Resp: 87621
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 325.4
 98 62.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 22.282 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

Tgt Ion: 49 Resp: 57847
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 76.3 42.3 63.5#

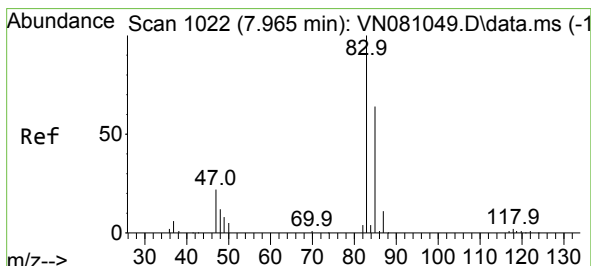
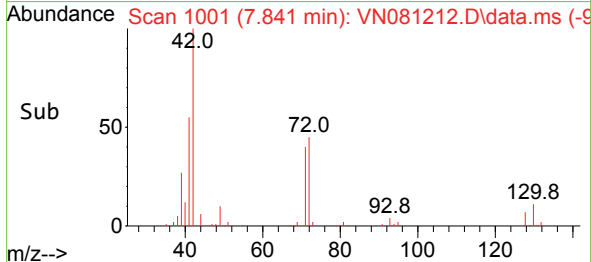
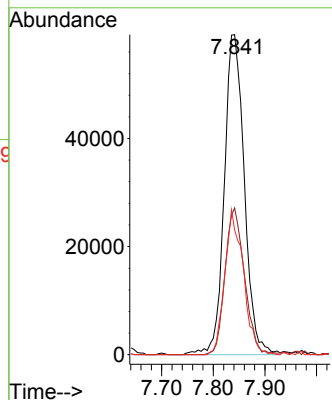
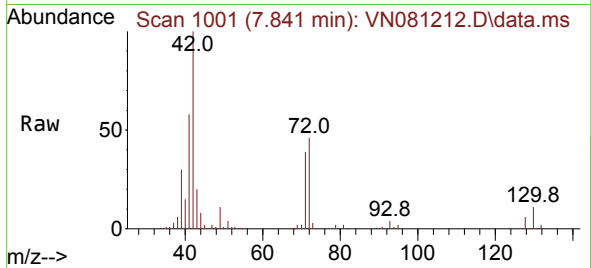




#29
Tetrahydrofuran
Concen: 107.927 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

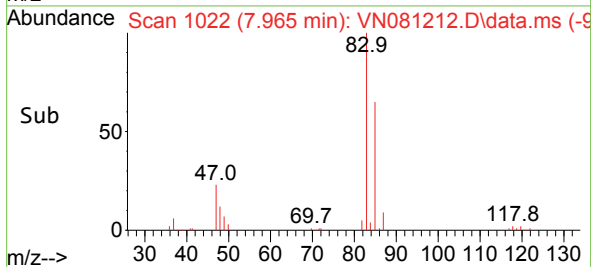
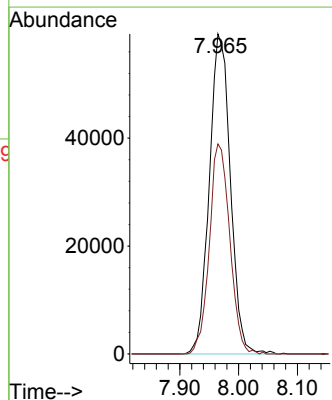
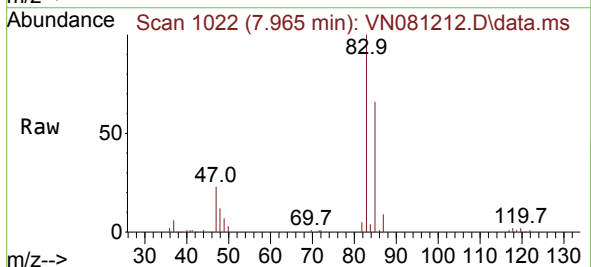
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

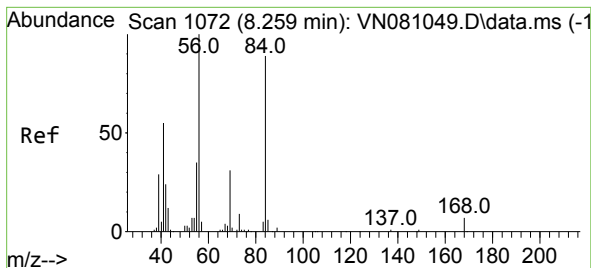
Tgt Ion: 42 Resp: 159726
Ion Ratio Lower Upper
42 100
72 44.5 31.1 46.7
71 41.8 28.3 42.5



#30
Chloroform
Concen: 22.154 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 83 Resp: 147487
Ion Ratio Lower Upper
83 100
85 65.6 51.0 76.6





#31

Cyclohexane

Concen: 19.551 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

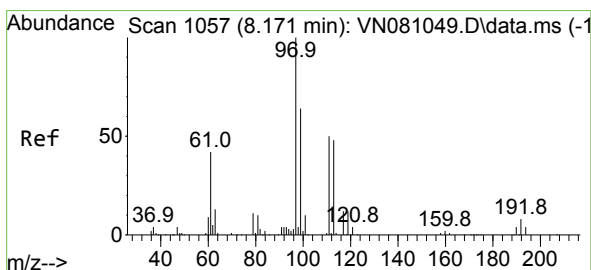
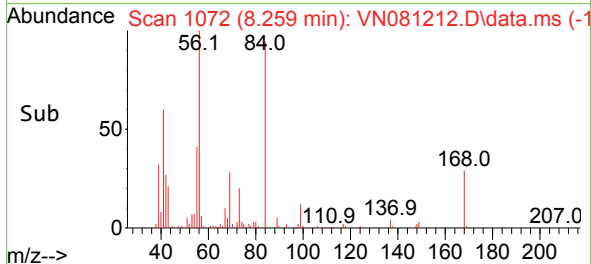
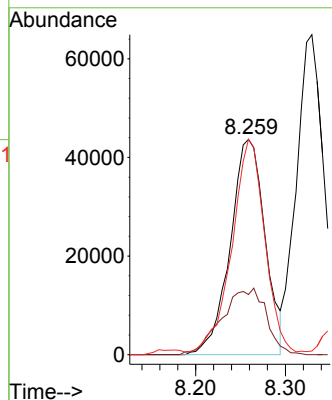
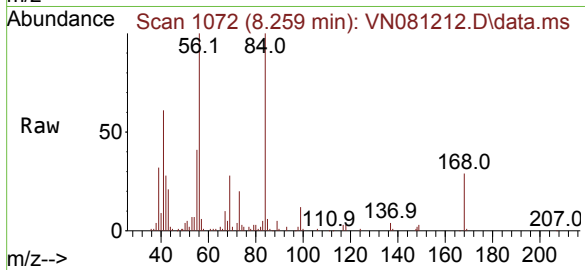
Tgt Ion: 56 Resp: 117738

Ion Ratio Lower Upper

56 100

69 27.9 20.1 30.1

84 97.9 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 21.538 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

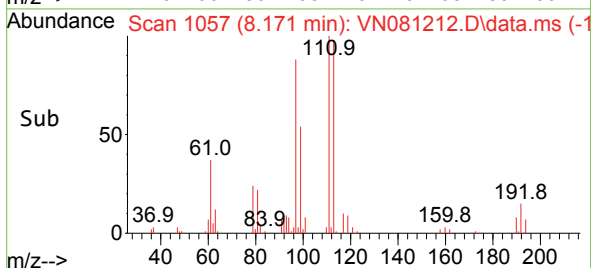
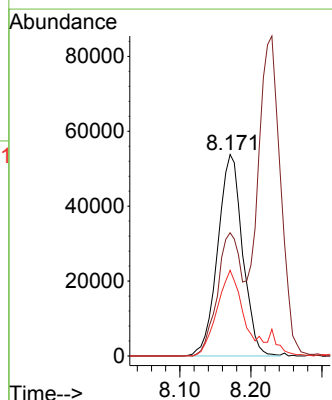
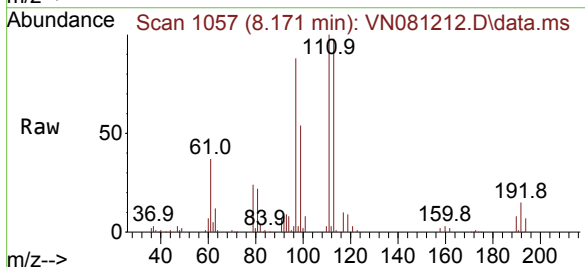
Tgt Ion: 97 Resp: 130586

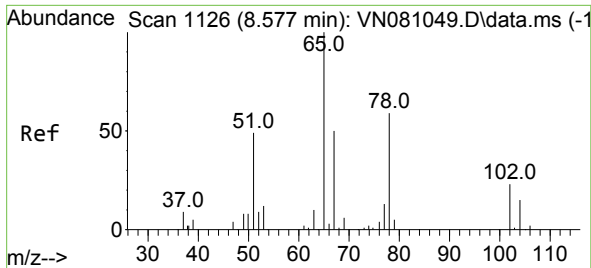
Ion Ratio Lower Upper

97 100

99 56.6 53.4 80.0

61 45.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.995 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

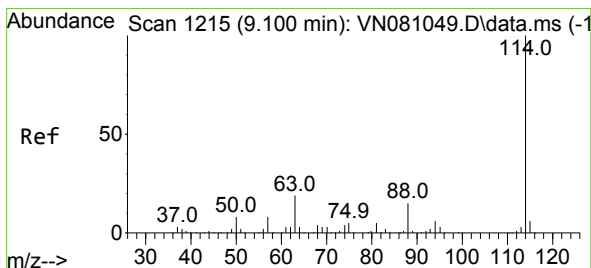
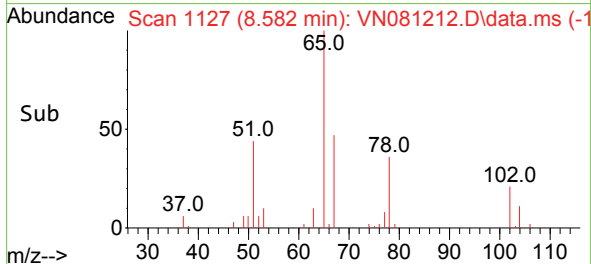
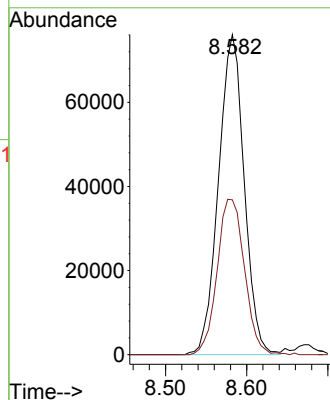
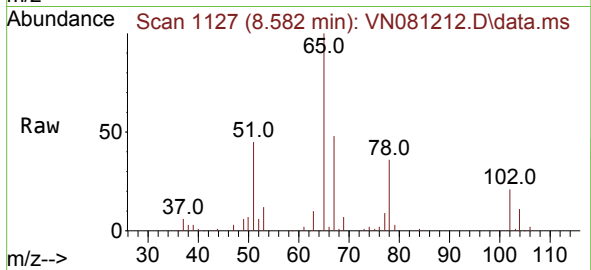
VN0227WBS02

Tgt Ion: 65 Resp: 167387

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

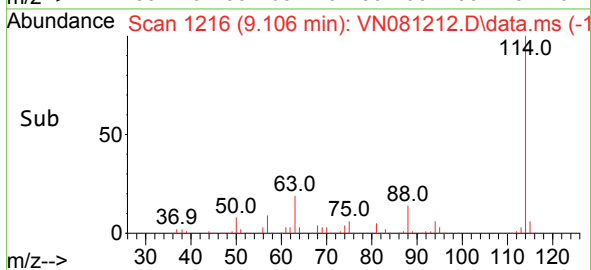
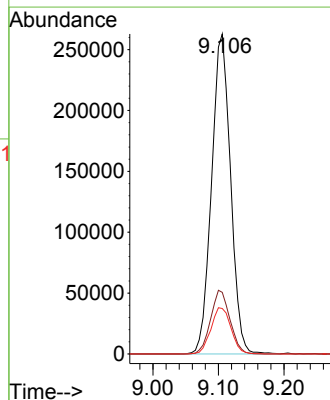
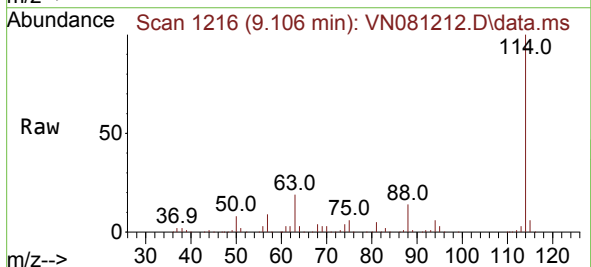
Tgt Ion: 114 Resp: 527160

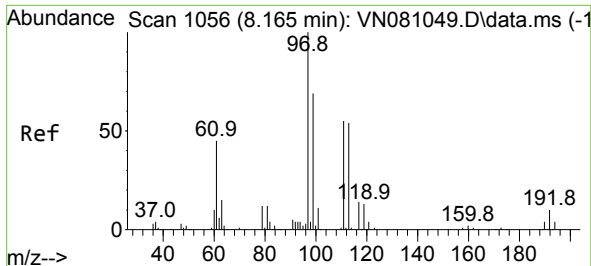
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

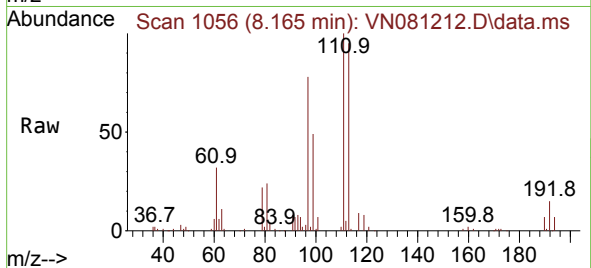
88 14.2 0.0 34.8



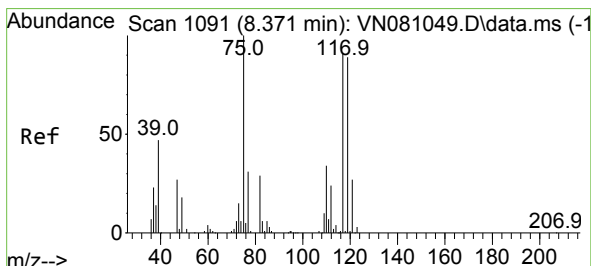
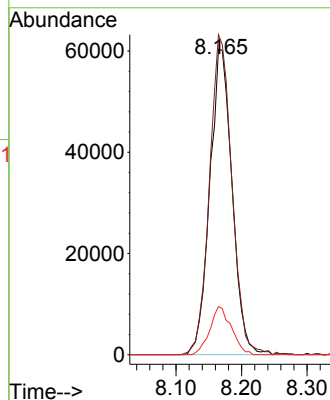
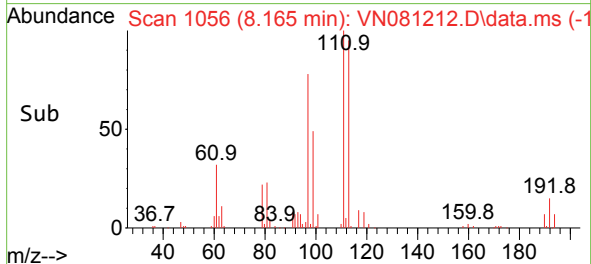


#35
Dibromofluoromethane
Concen: 48.104 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

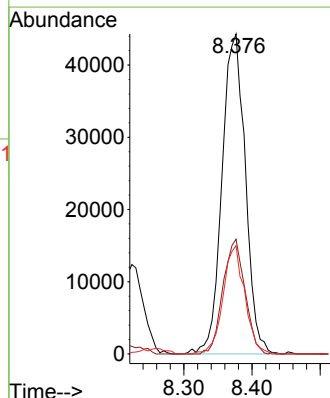
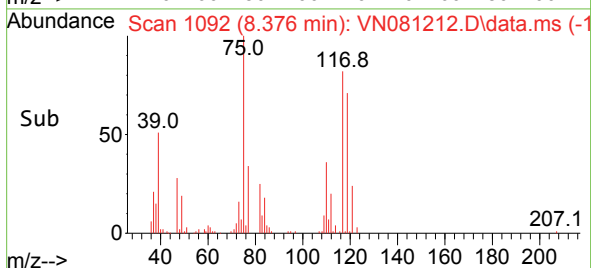
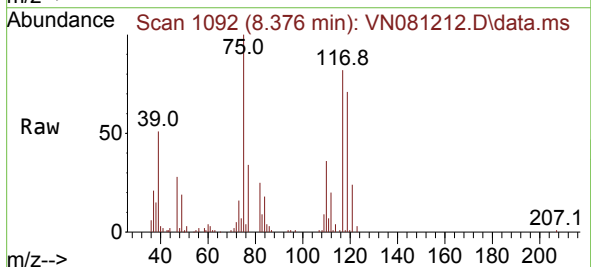


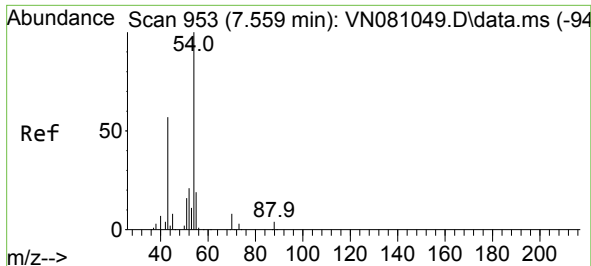
Tgt Ion:113 Resp: 143394
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 15.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 20.697 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 75 Resp: 105698
Ion Ratio Lower Upper
75 100
110 33.7 16.0 48.0
77 31.5 25.8 38.6

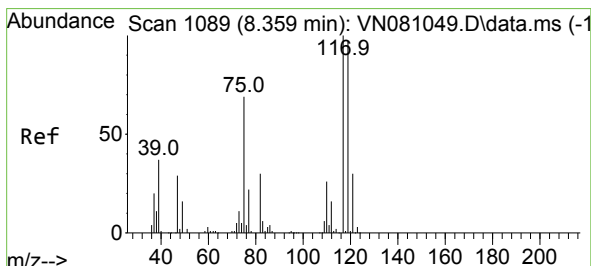
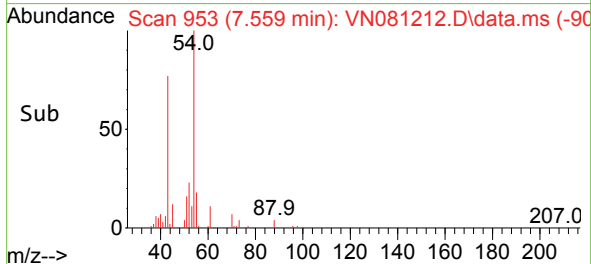
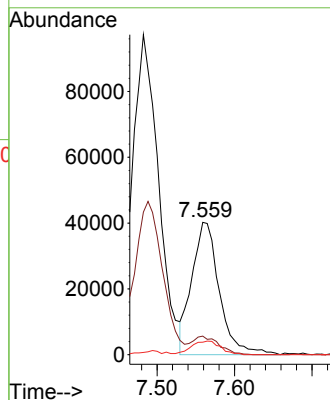
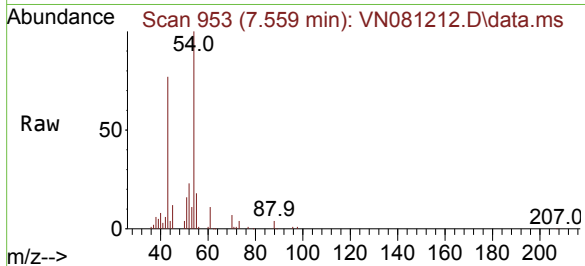




#37
Ethyl Acetate
Concen: 21.547 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

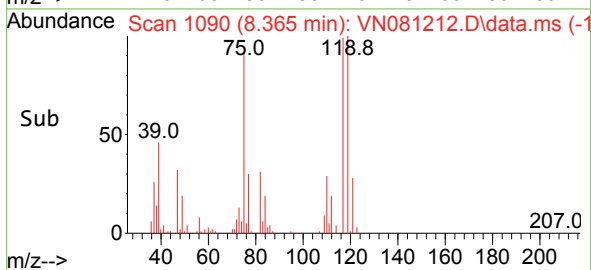
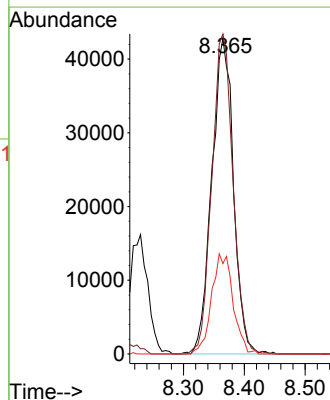
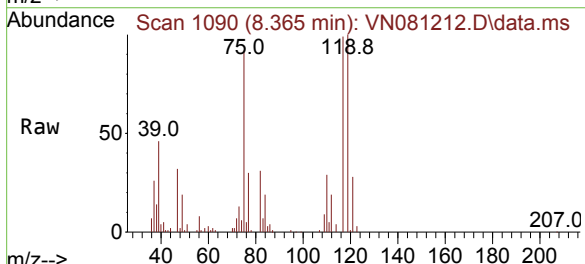
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

Tgt Ion: 43 Resp: 99312
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.469 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 117 Resp: 105759
Ion Ratio Lower Upper
117 100
119 101.5 73.4 110.2
121 28.7 24.4 36.6

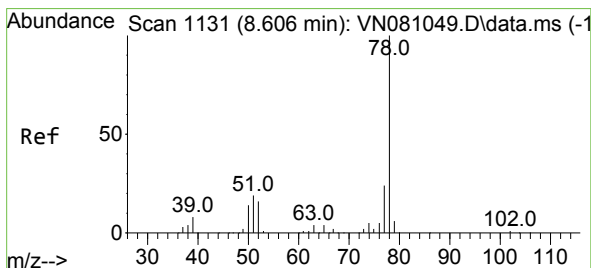
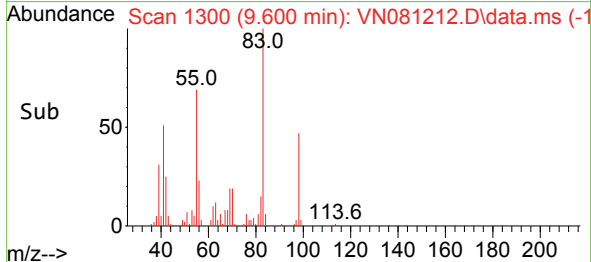
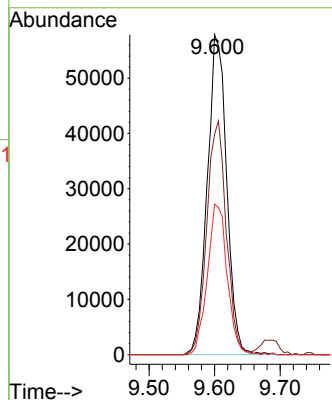
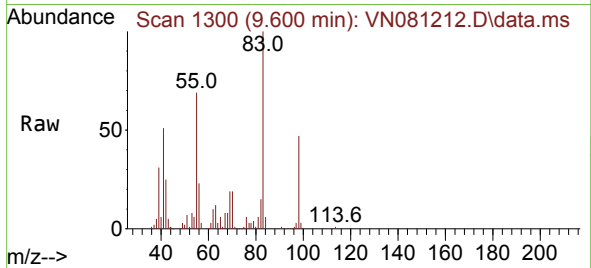




#39
Methylcyclohexane
Concen: 20.018 ug/l
RT: 9.600 min Scan# 119172
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

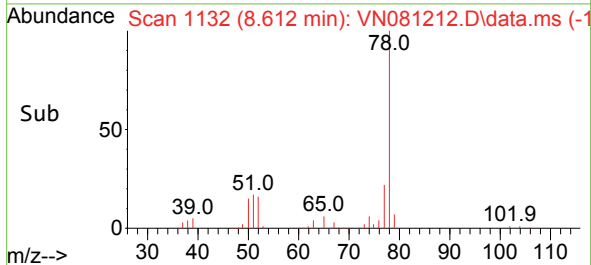
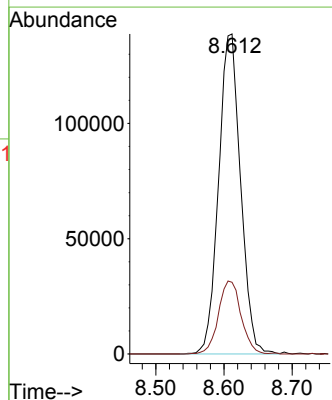
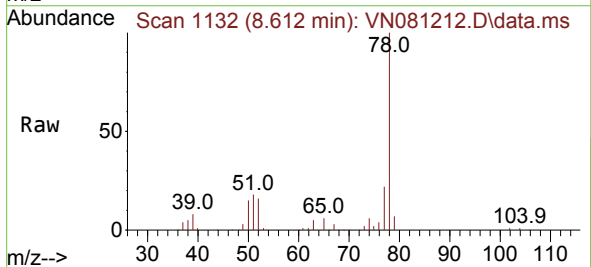
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

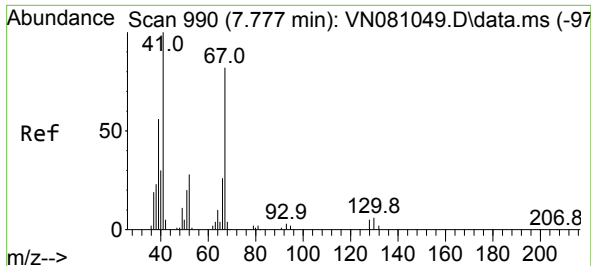
Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.9	65.7	98.5
98	47.0	33.8	50.6



#40
Benzene
Concen: 21.055 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	20.4	30.6

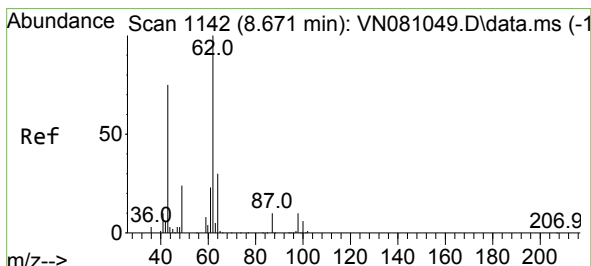
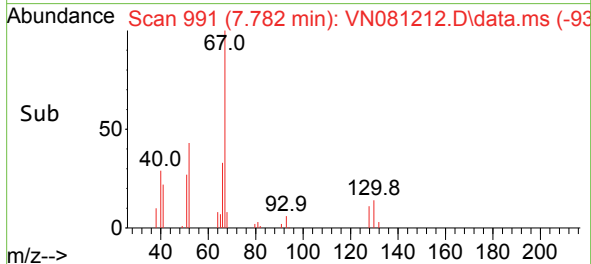
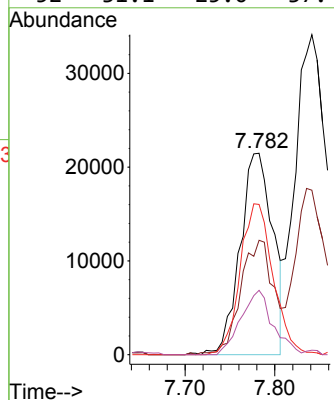
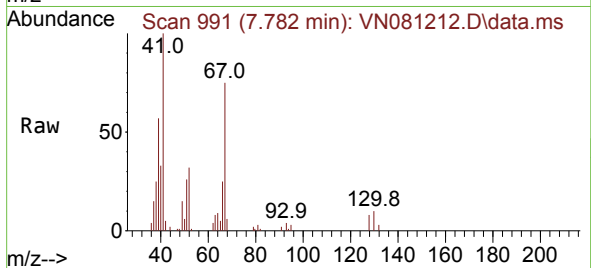




#41
Methacrylonitrile
Concen: 20.695 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

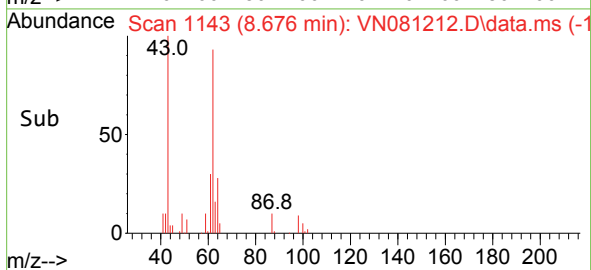
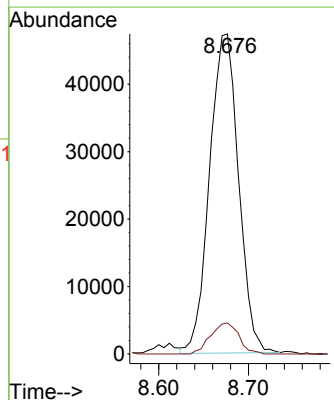
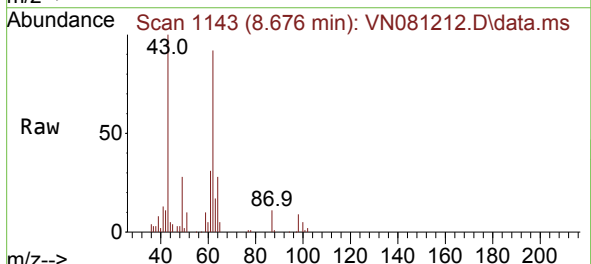
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

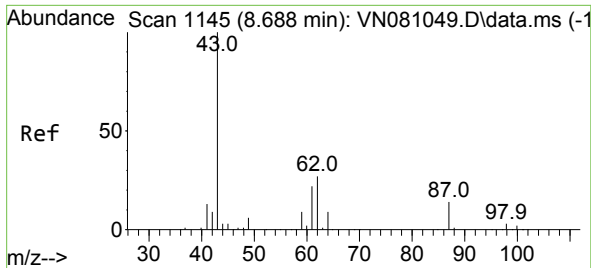
Tgt Ion: 41	Resp: 54286
Ion Ratio	Lower Upper
41 100	
39 56.1	48.4 72.6
67 75.7	56.8 85.2
52 31.1	25.0 37.4



#42
1,2-Dichloroethane
Concen: 20.605 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 62	Resp: 106265
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.0

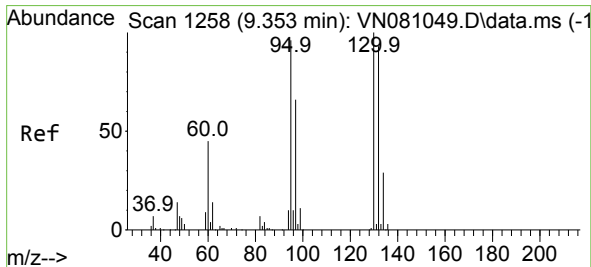
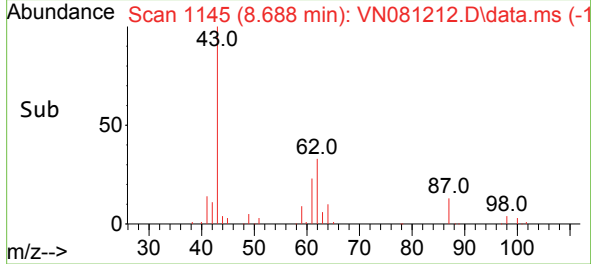
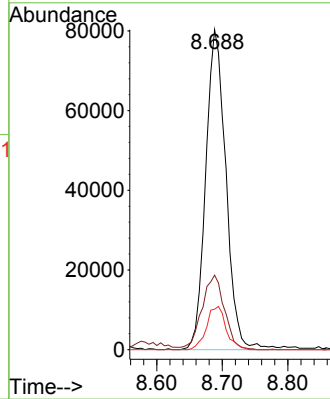
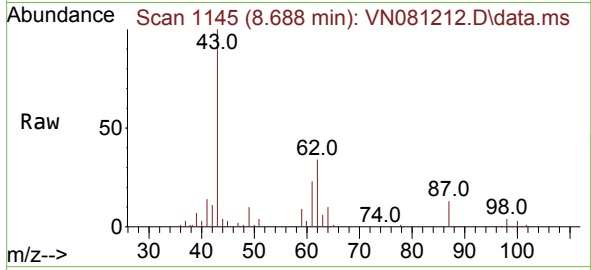




#43
Isopropyl Acetate
Concen: 21.397 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

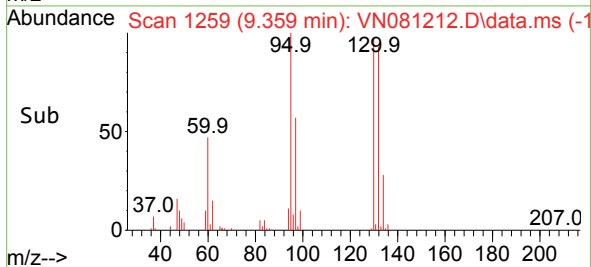
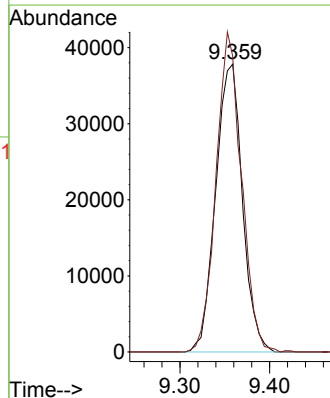
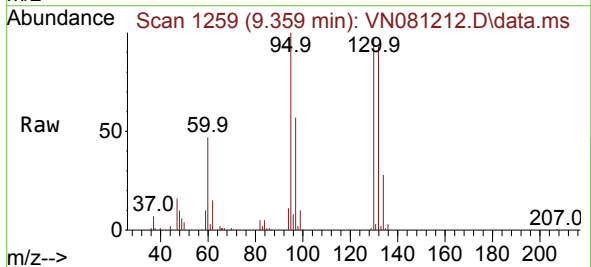
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

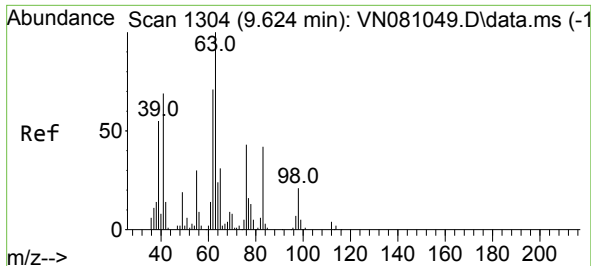
Tgt Ion: 43 Resp: 172483
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 13.1 9.0 13.6



#44
Trichloroethene
Concen: 19.892 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion:130 Resp: 78317
Ion Ratio Lower Upper
130 100
95 102.7 0.0 210.4

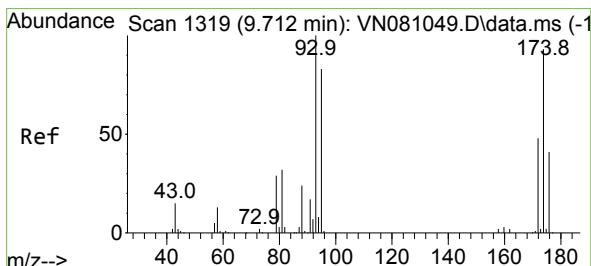
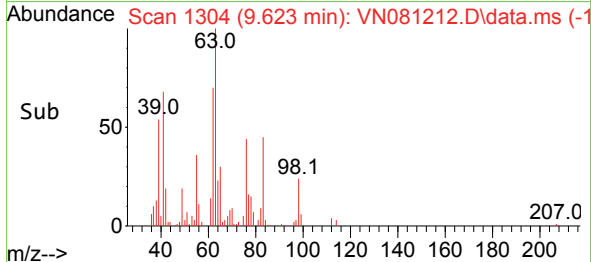
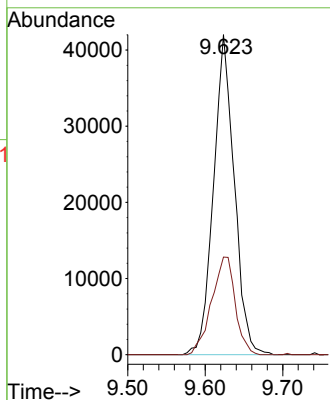
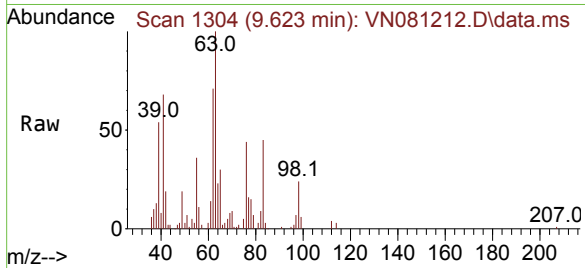




#45
1,2-Dichloropropane
Concen: 21.156 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

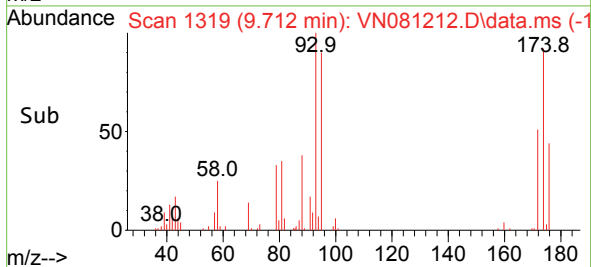
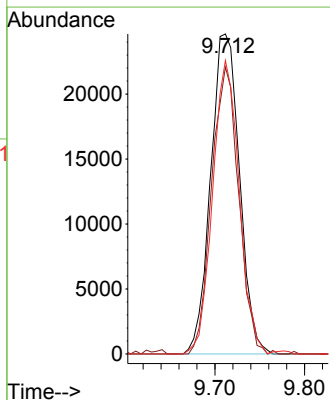
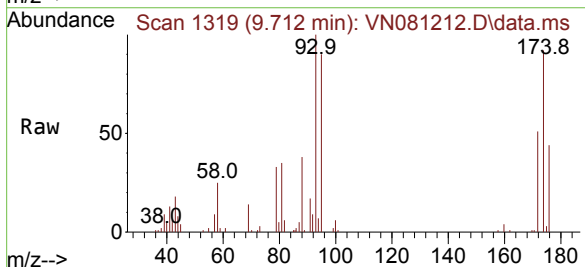
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

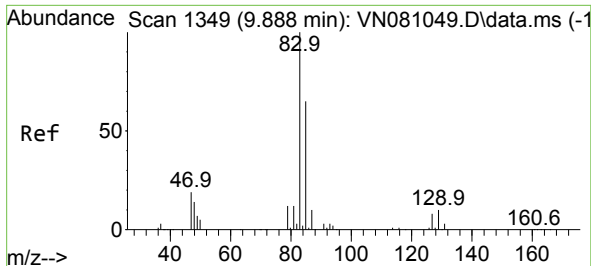
Tgt Ion: 63 Resp: 78226
Ion Ratio Lower Upper
63 100
65 30.5 26.1 39.1



#46
Dibromomethane
Concen: 20.394 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 93 Resp: 54946
Ion Ratio Lower Upper
93 100
95 84.2 68.1 102.1
174 84.3 57.2 85.8

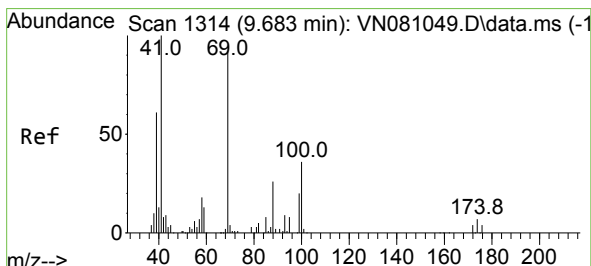
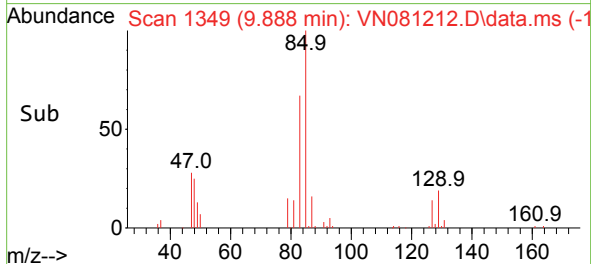
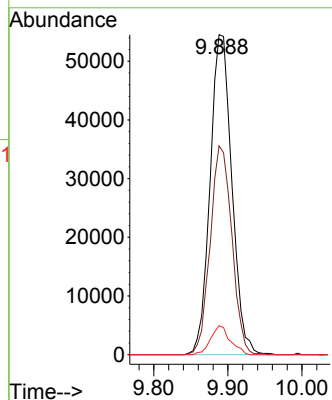
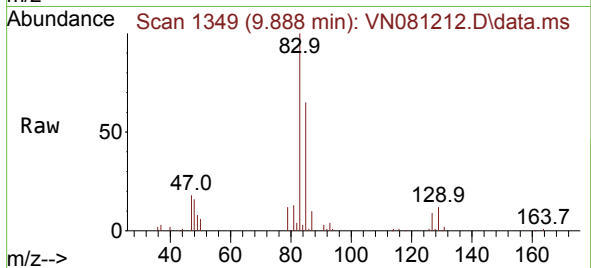




#47
Bromodichloromethane
Concen: 21.783 ug/l
RT: 9.888 min Scan# 111150
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

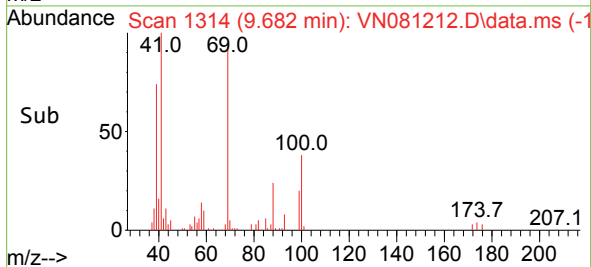
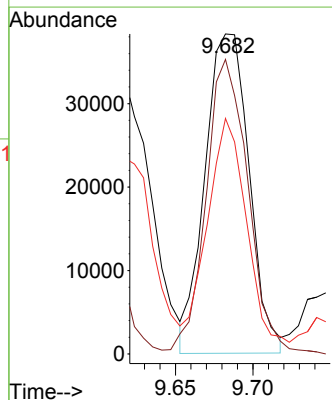
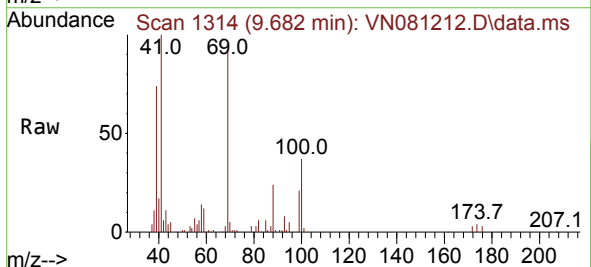
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

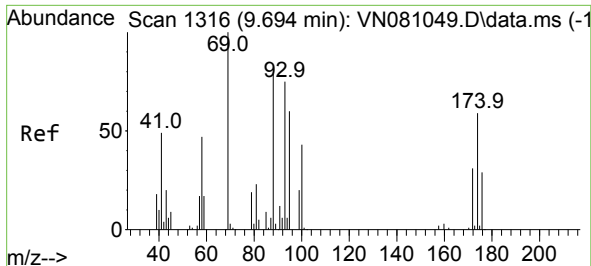
Tgt Ion: 83 Resp: 111150
Ion Ratio Lower Upper
83 100
85 65.2 52.3 78.5
127 9.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 20.179 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 41 Resp: 75688
Ion Ratio Lower Upper
41 100
69 88.2 62.2 93.2
39 66.8 47.6 71.4





#49

1,4-Dioxane

Concen: 449.696 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

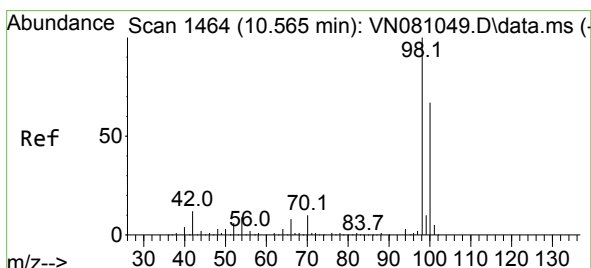
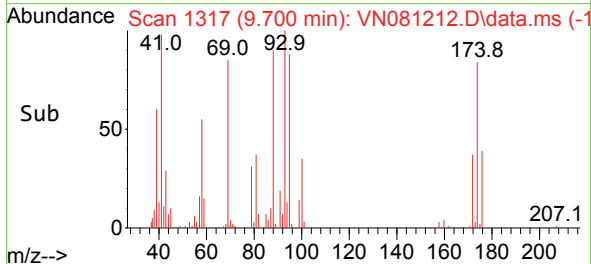
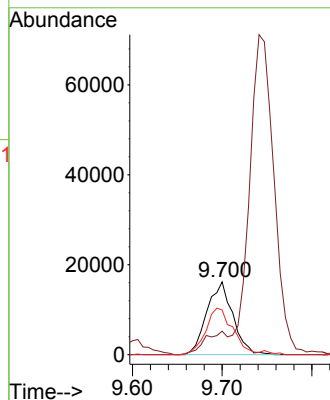
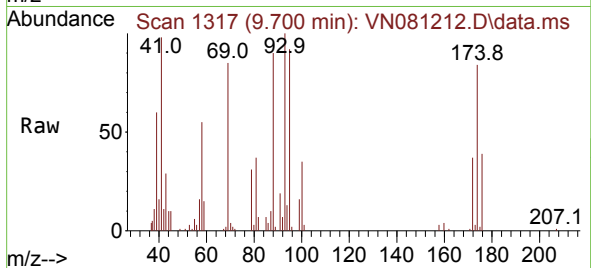
Tgt Ion: 88 Resp: 32556

Ion Ratio Lower Upper

88 100

43 27.9 30.1 45.1#

58 66.7 63.9 95.9



#50

Toluene-d8

Concen: 44.236 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081212.D

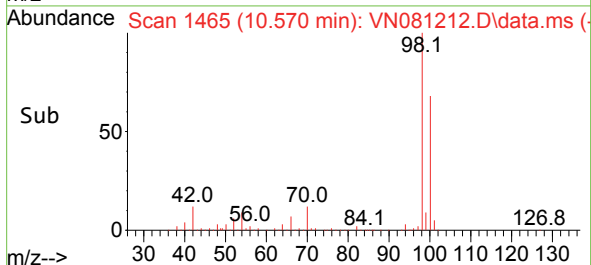
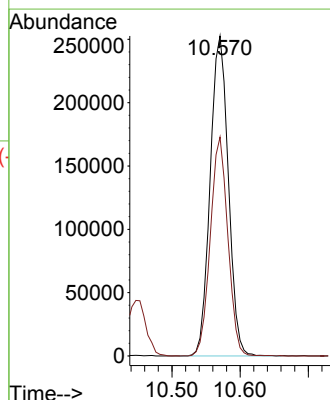
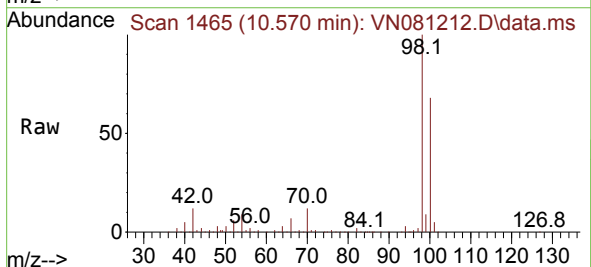
Acq: 27 Feb 2024 12:22

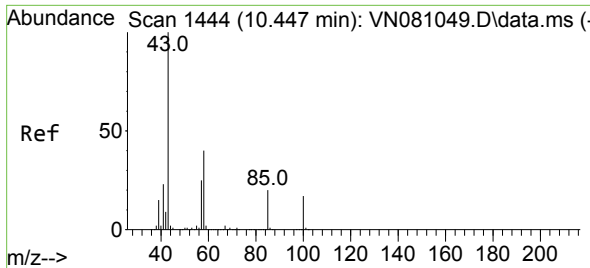
Tgt Ion: 98 Resp: 468345

Ion Ratio Lower Upper

98 100

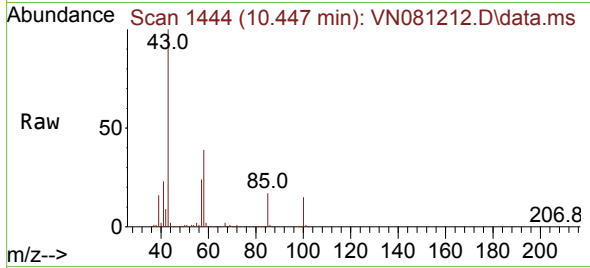
100 66.1 51.4 77.0



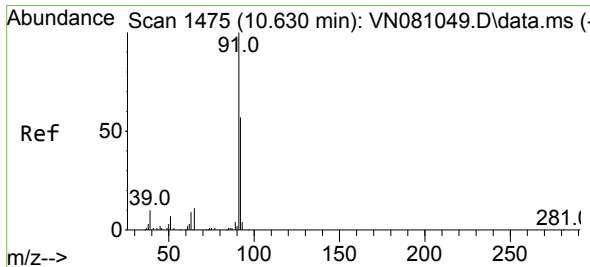
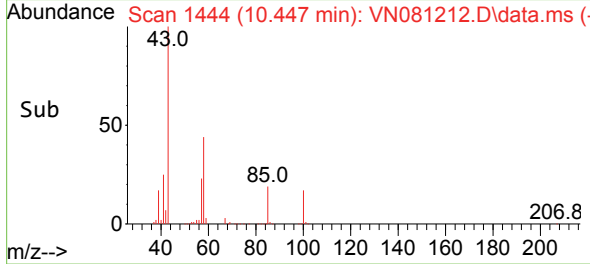
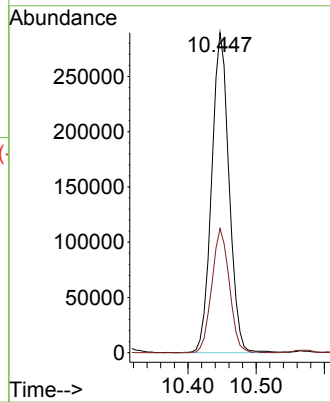


#51
4-Methyl-2-Pentanone
Concen: 110.936 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

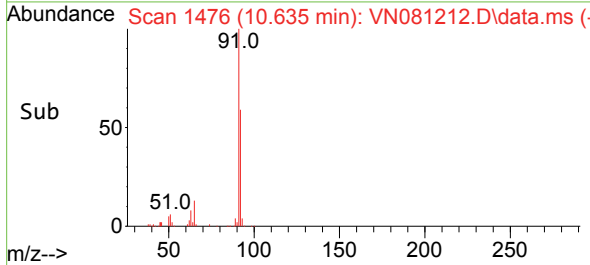
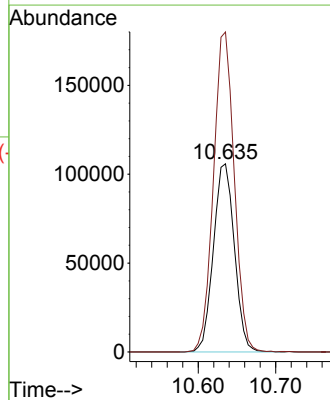
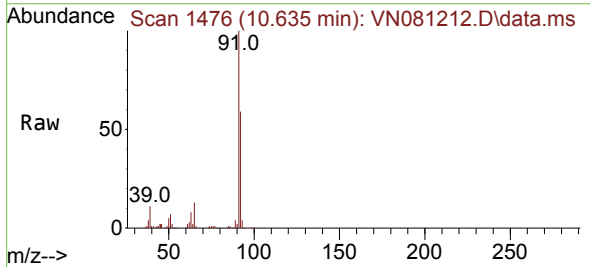


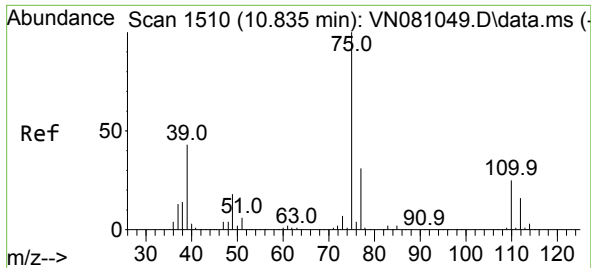
Tgt Ion: 43 Resp: 514422
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.0



#52
Toluene
Concen: 21.311 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 92 Resp: 199436
Ion Ratio Lower Upper
92 100
91 168.7 139.4 209.0

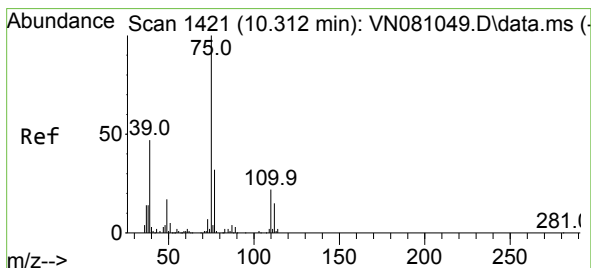
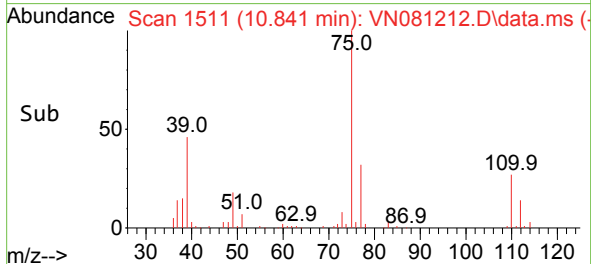
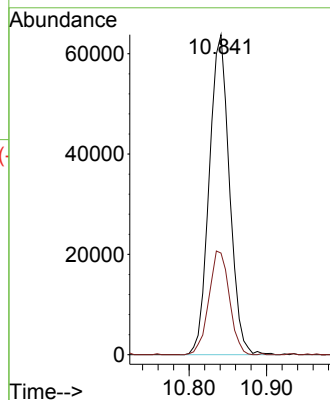
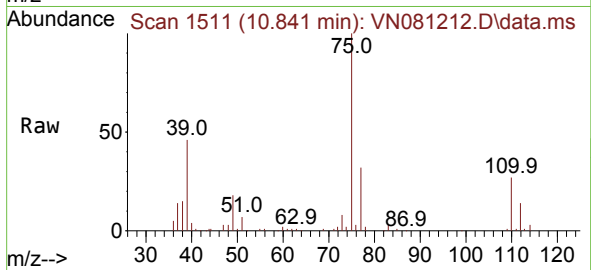




#53
 t-1,3-Dichloropropene
 Concen: 20.411 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

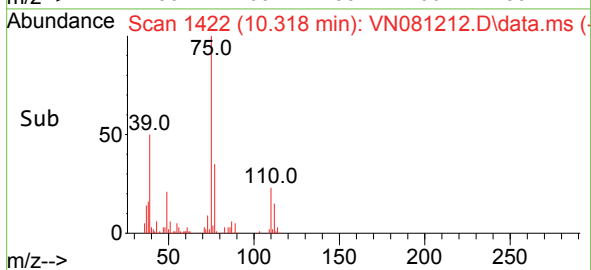
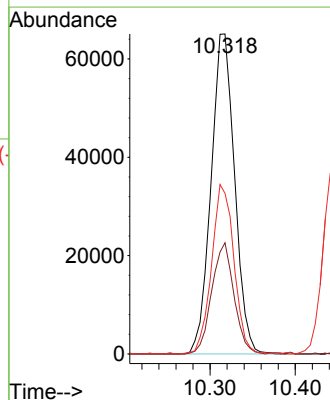
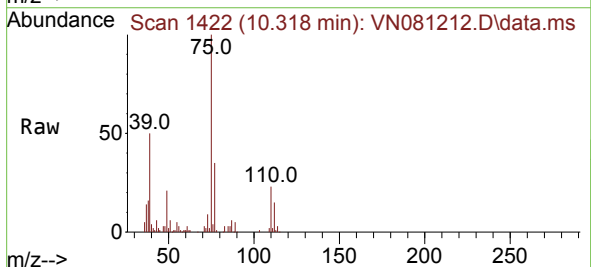
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS02

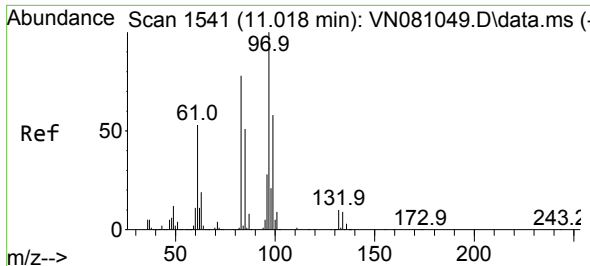
Tgt Ion: 75 Resp: 115735
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.423 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

Tgt Ion: 75 Resp: 125119
 Ion Ratio Lower Upper
 75 100
 77 34.7 23.3 34.9
 39 50.2 44.6 66.8

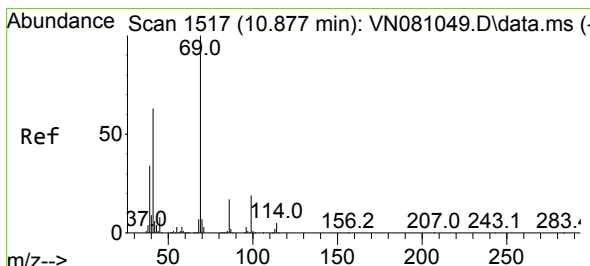
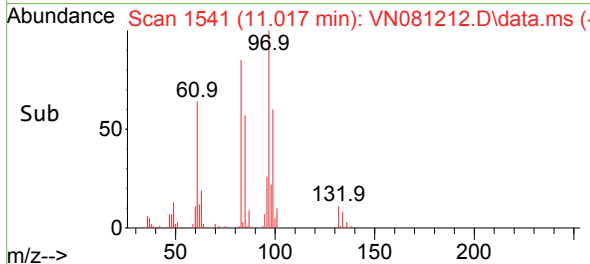
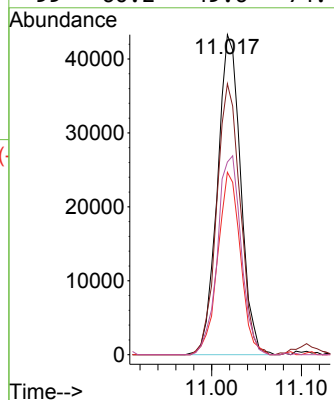
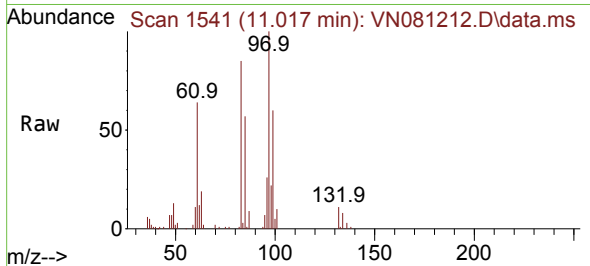




#55
1,1,2-Trichloroethane
Concen: 21.602 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

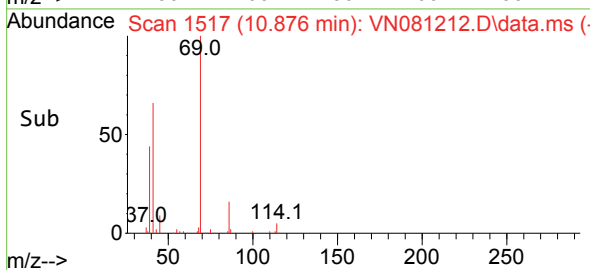
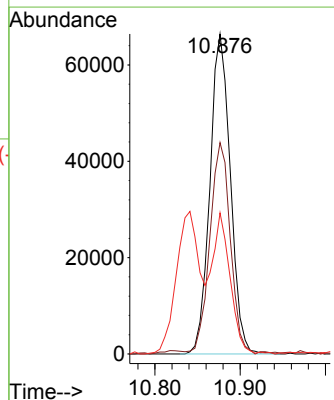
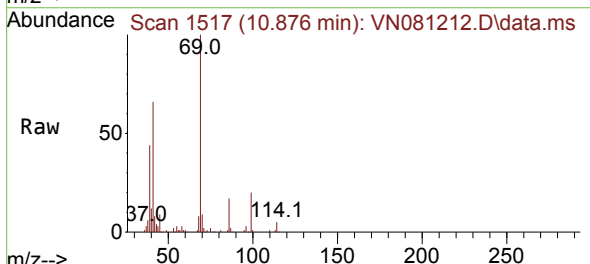
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

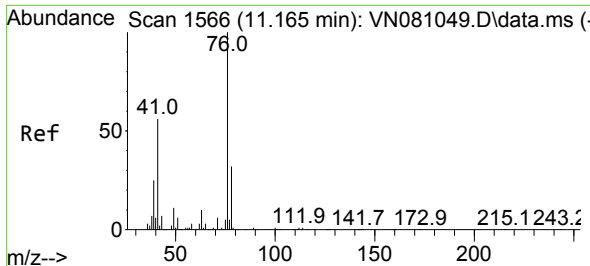
Tgt Ion: 97	Resp: 77751
Ion Ratio	Lower Upper
97 100	
83 84.7	72.9 109.3
85 57.0	50.2 75.2
99 60.2	49.6 74.4



#56
Ethyl methacrylate
Concen: 20.132 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 69		Resp: 110747	
Ion	Ratio	Lower	Upper
69	100		
41	66.2	61.0	91.6
39	39.2	31.8	47.6

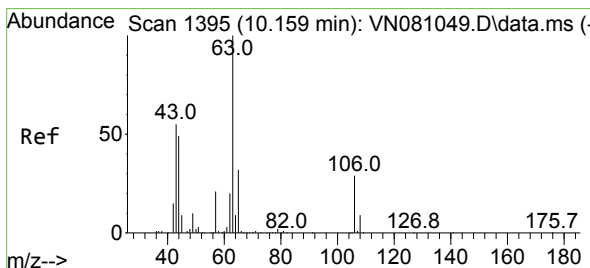
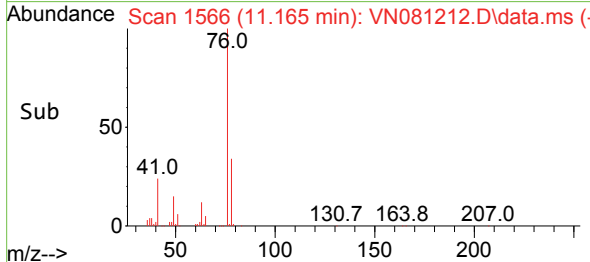
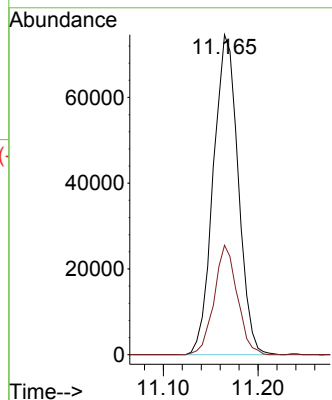
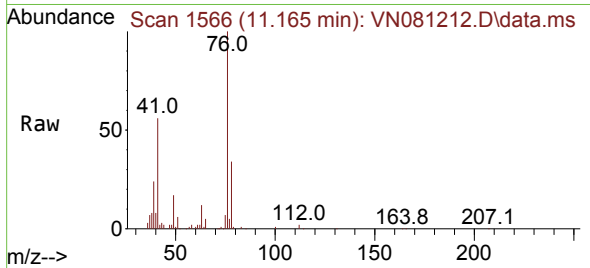




#57
1,3-Dichloropropane
Concen: 21.902 ug/l
RT: 11.165 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

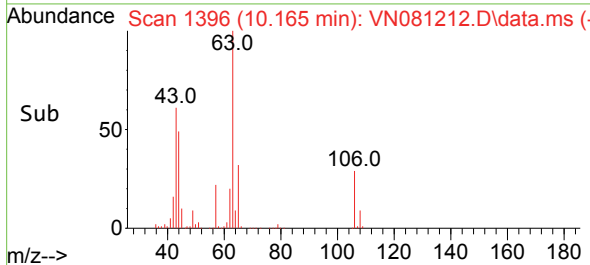
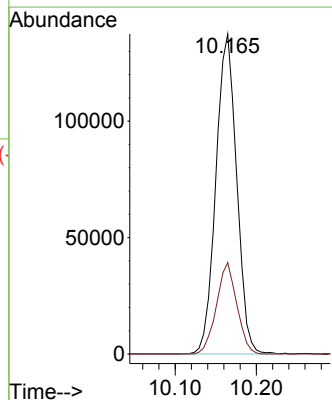
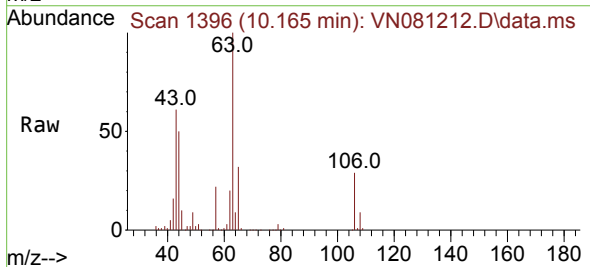
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

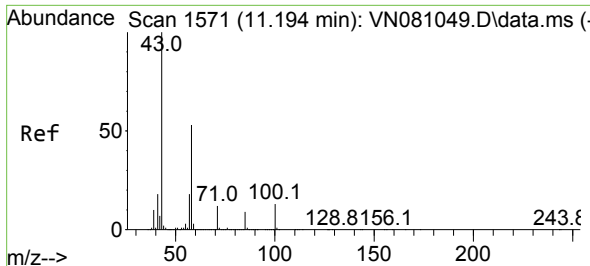
Tgt Ion: 76 Resp: 136305
Ion Ratio Lower Upper
76 100
78 31.8 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 88.493 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 63 Resp: 244246
Ion Ratio Lower Upper
63 100
106 28.0 18.6 28.0

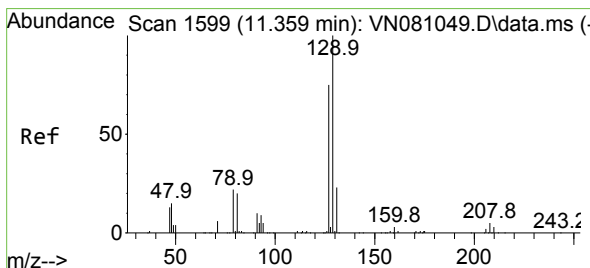
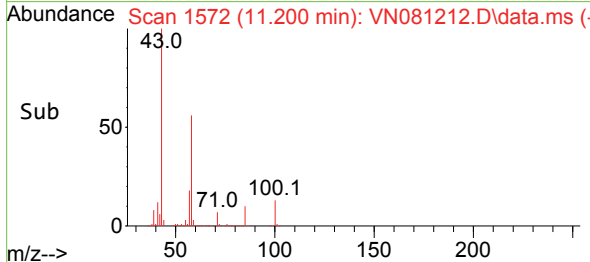
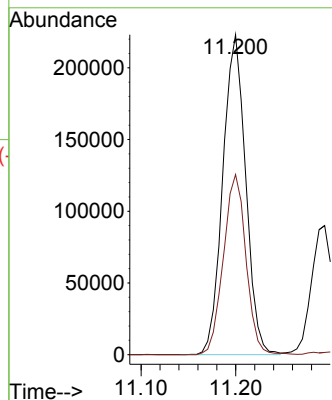
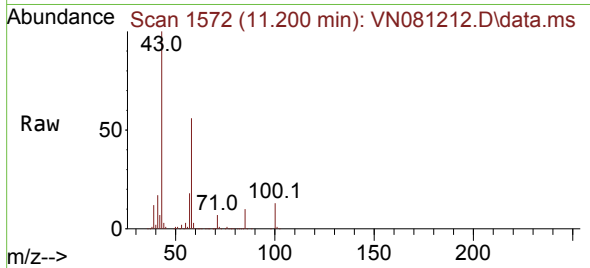




#59
2-Hexanone
Concen: 101.948 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

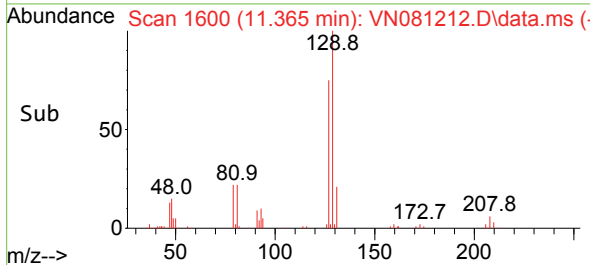
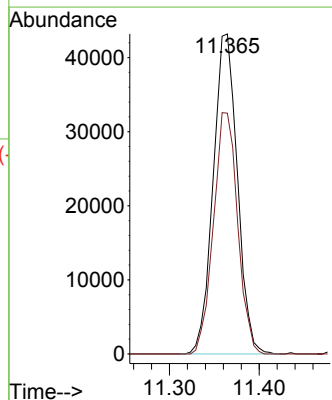
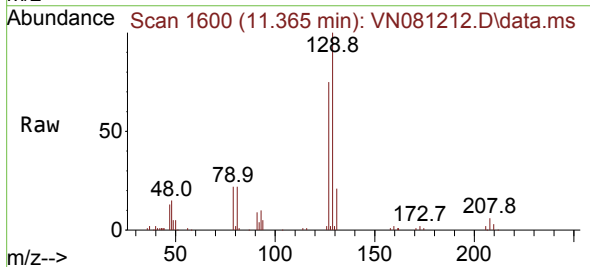
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

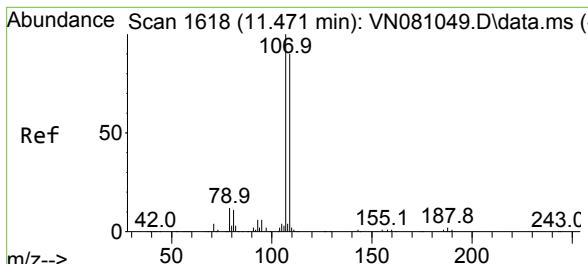
Tgt Ion: 43 Resp: 374791
Ion Ratio Lower Upper
43 100
58 55.5 25.9 77.8



#60
Dibromochloromethane
Concen: 21.144 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 129 Resp: 80847
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.2

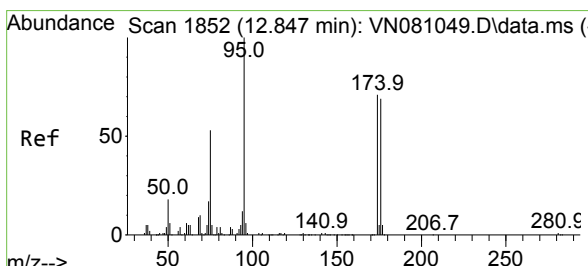
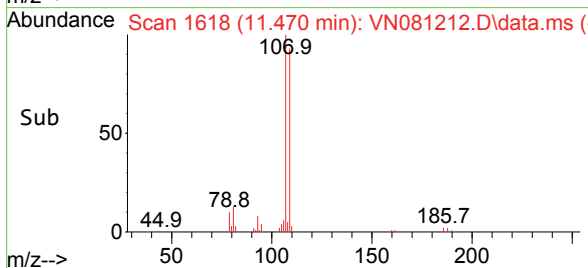
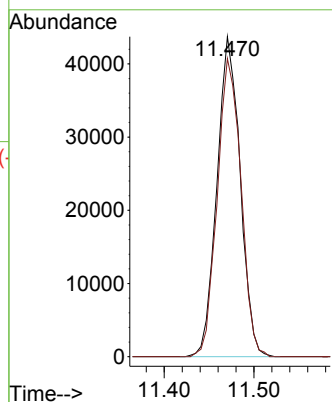
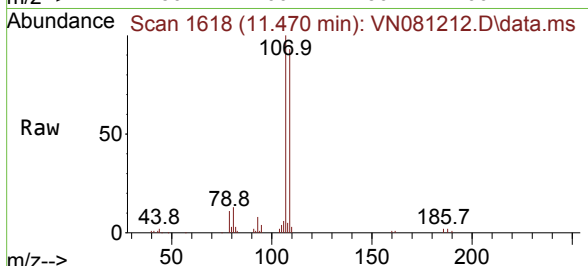




#61
1,2-Dibromoethane
Concen: 20.734 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

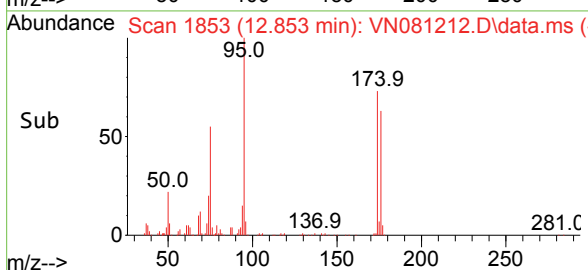
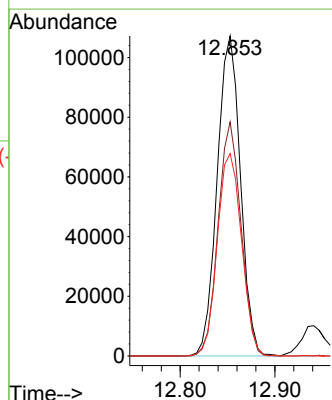
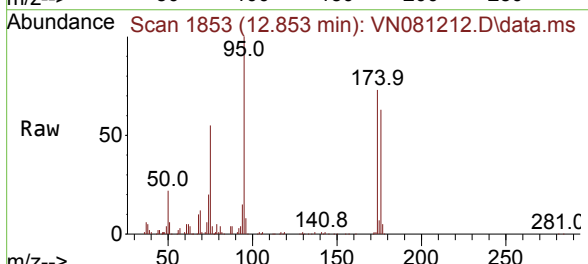
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

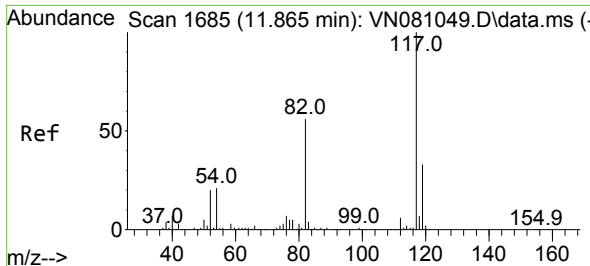
Tgt Ion:107 Resp: 78476
Ion Ratio Lower Upper
107 100
109 95.1 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 46.062 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 95 Resp: 183246
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 65.8 0.0 121.0

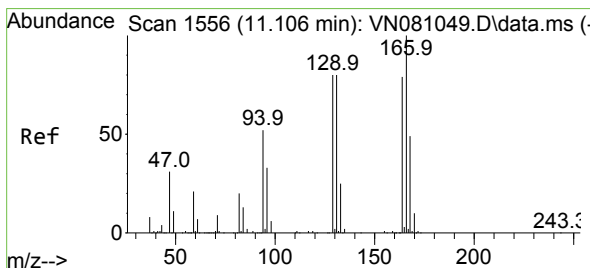
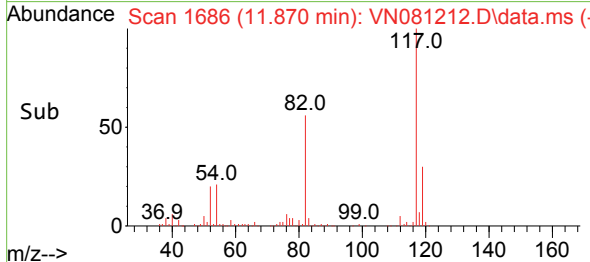
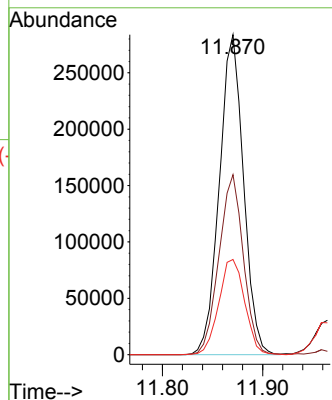
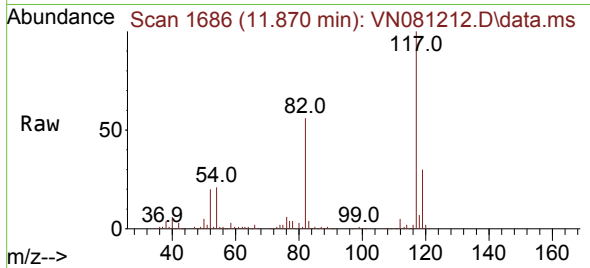




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

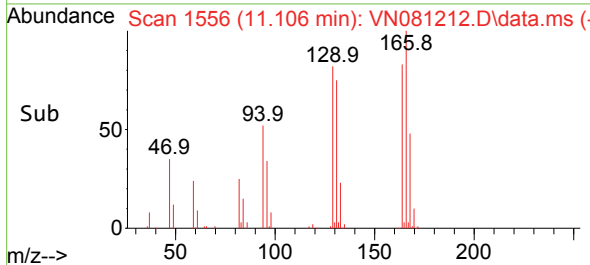
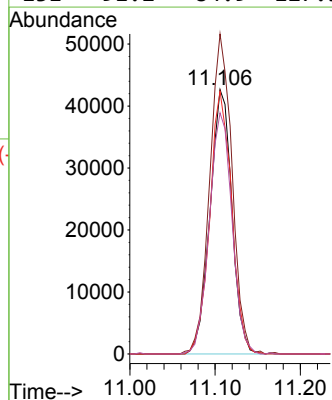
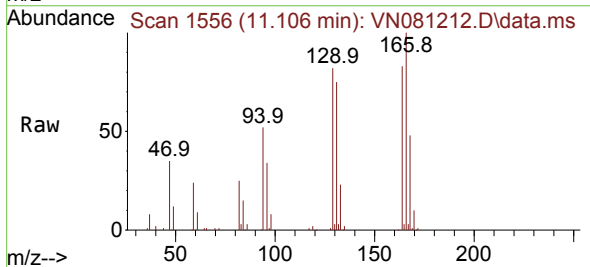
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

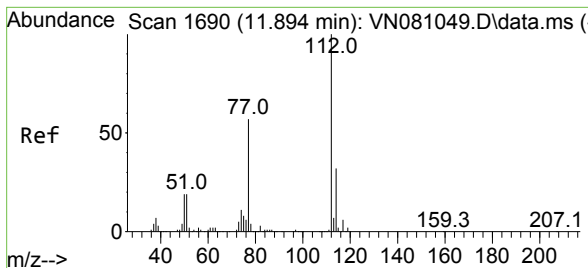
Tgt Ion:117 Resp: 474747
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 29.7 25.3 37.9



#64
Tetrachloroethene
Concen: 23.407 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion:164 Resp: 75843
Ion Ratio Lower Upper
164 100
166 121.0 105.8 158.6
129 99.3 89.6 134.4
131 91.2 84.9 127.3

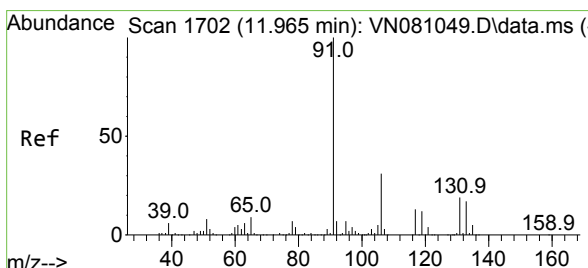
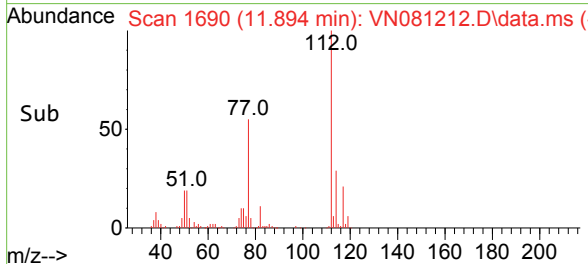
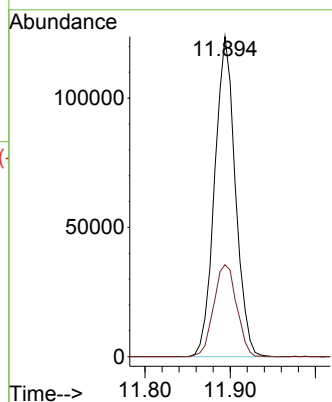
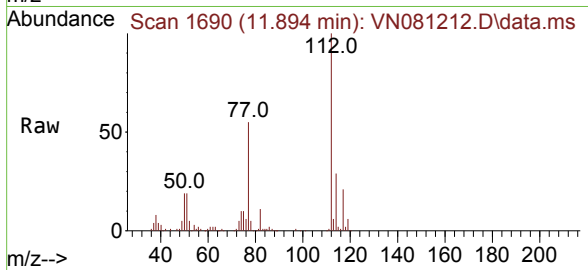




#65
Chlorobenzene
Concen: 20.347 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

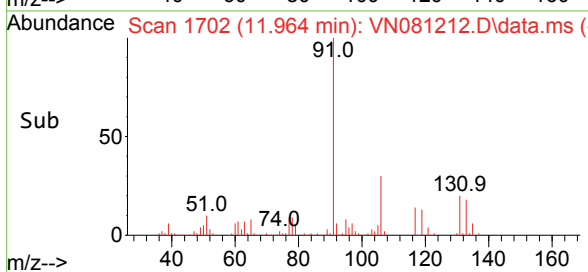
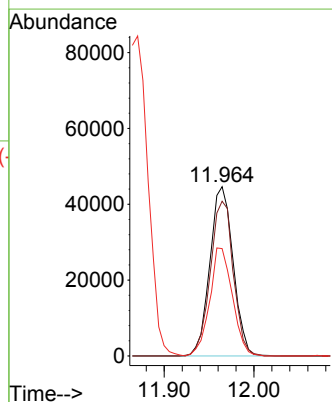
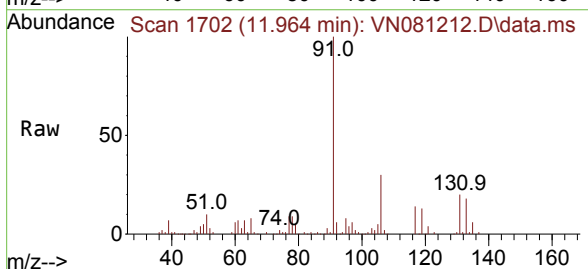
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

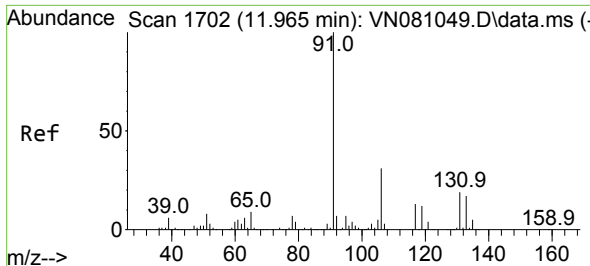
Tgt Ion:112 Resp: 209062
Ion Ratio Lower Upper
112 100
114 28.8 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.759 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion:131 Resp: 80303
Ion Ratio Lower Upper
131 100
133 90.7 46.8 140.3
119 62.3 34.6 103.9

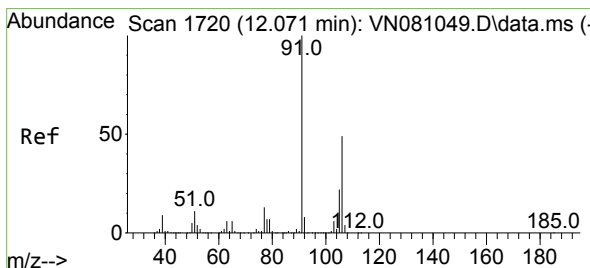
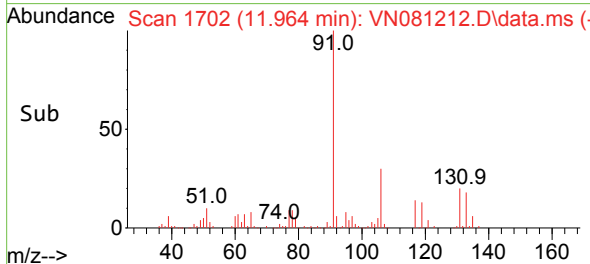
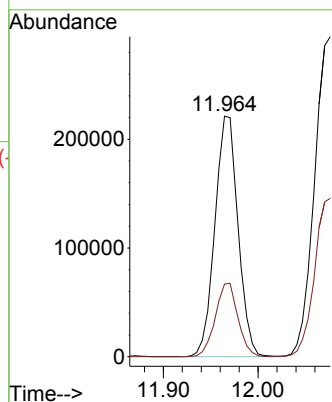
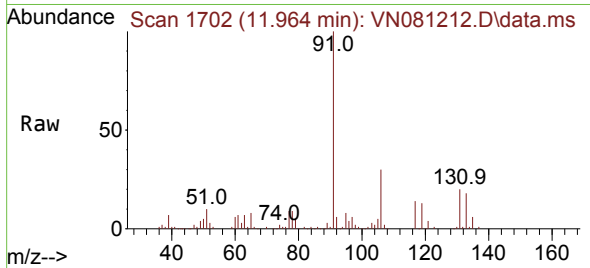




#67
Ethyl Benzene
Concen: 20.443 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

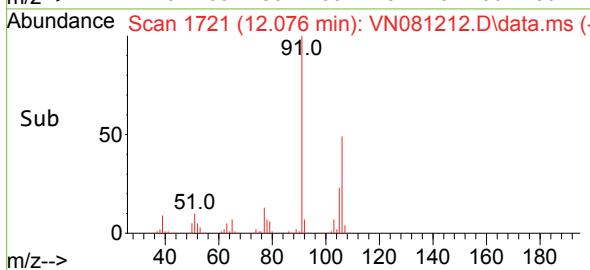
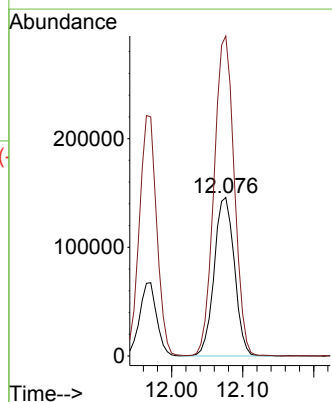
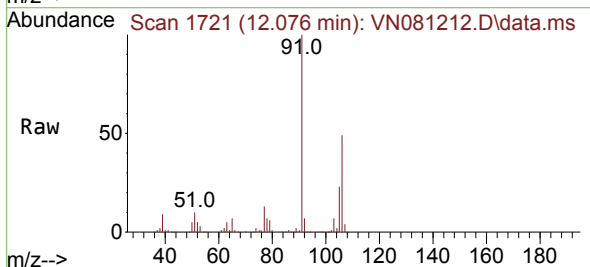
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

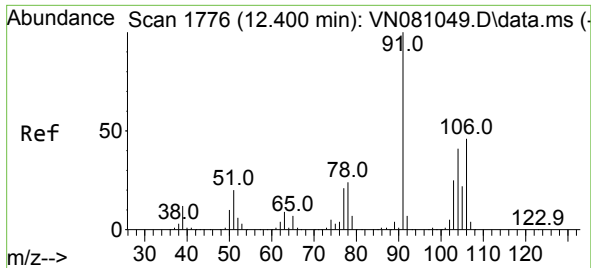
Tgt Ion: 91 Resp: 375859
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 40.844 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion:106 Resp: 287842
Ion Ratio Lower Upper
106 100
91 201.8 169.0 253.6

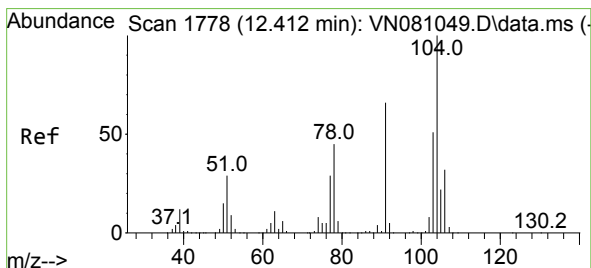
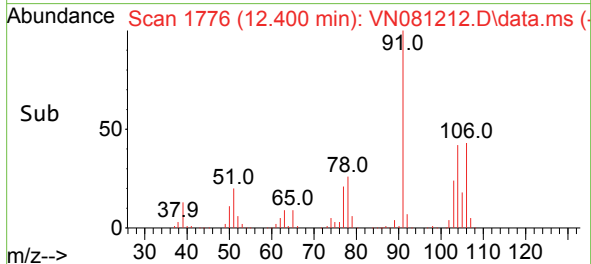
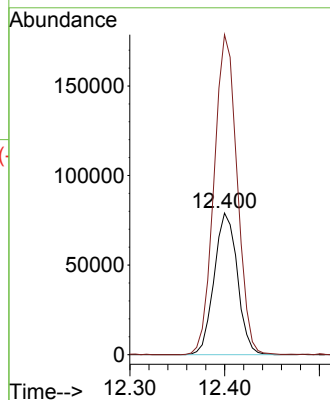
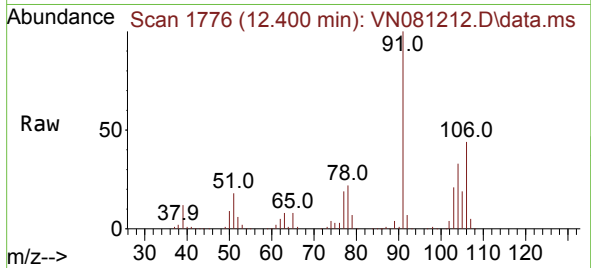




#69
o-Xylene
Concen: 19.283 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

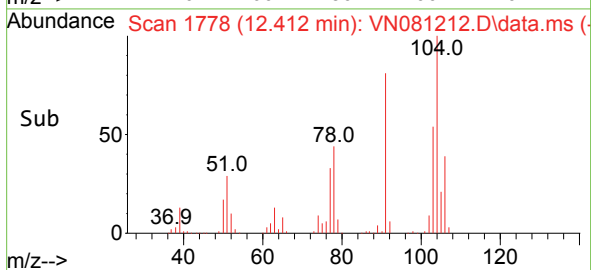
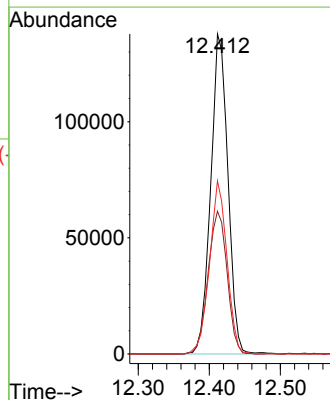
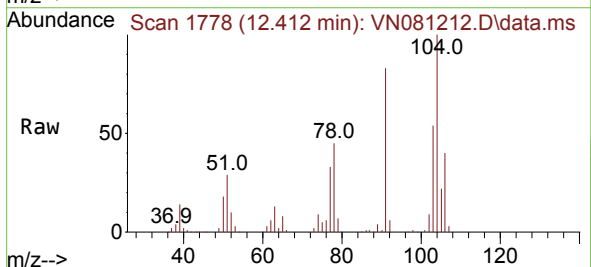
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

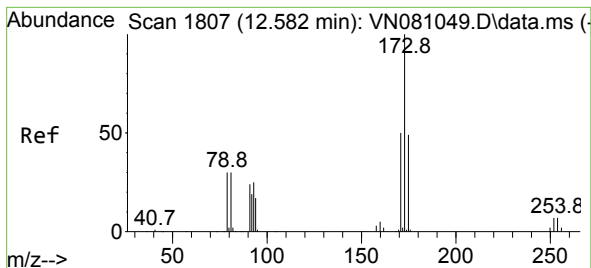
Tgt Ion:106 Resp: 134705
Ion Ratio Lower Upper
106 100
91 225.2 112.1 336.3



#70
Styrene
Concen: 20.962 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion:104 Resp: 232044
Ion Ratio Lower Upper
104 100
78 49.1 43.8 65.8
103 54.7 44.2 66.2





#71

Bromoform

Concen: 20.837 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

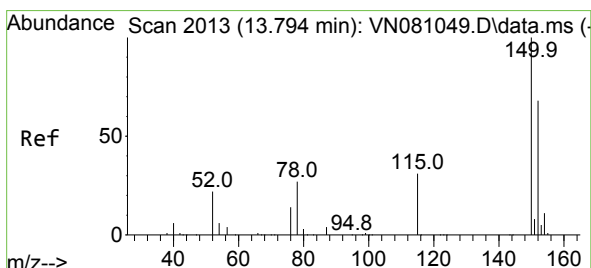
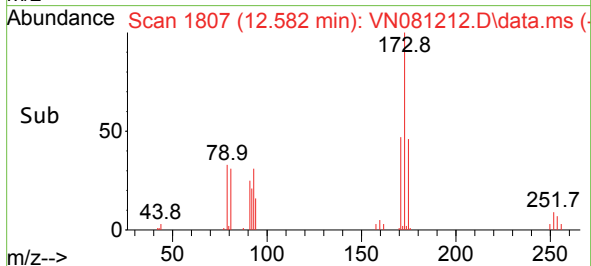
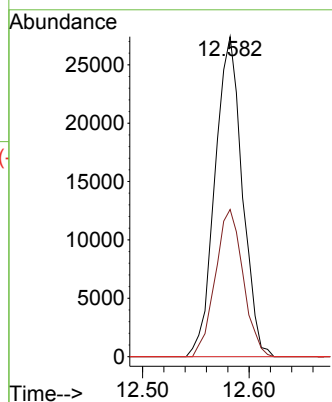
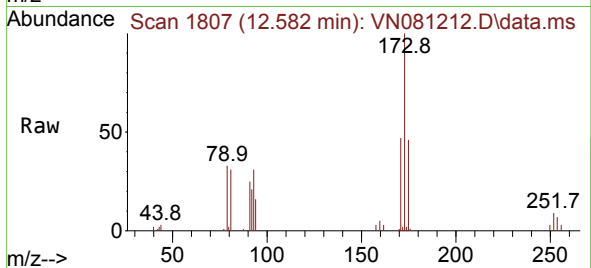
Tgt Ion:173 Resp: 48789

Ion Ratio Lower Upper

173 100

175 46.8 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: VN081212.D

Acq: 27 Feb 2024 12:22

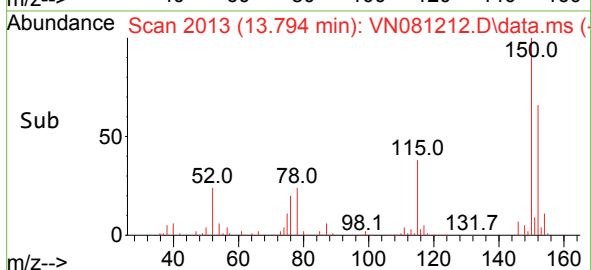
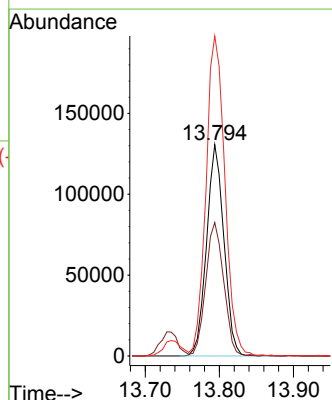
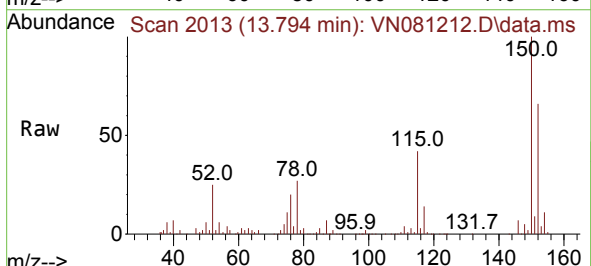
Tgt Ion:152 Resp: 212817

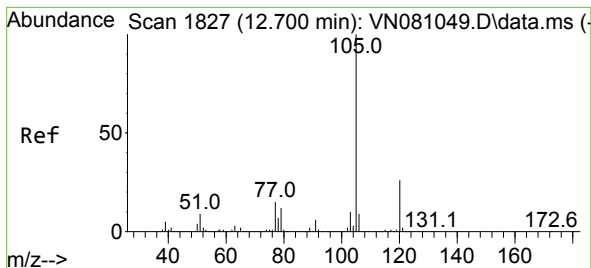
Ion Ratio Lower Upper

152 100

115 65.3 32.3 96.8

150 163.4 0.0 339.8





#73

Isopropylbenzene

Concen: 20.234 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

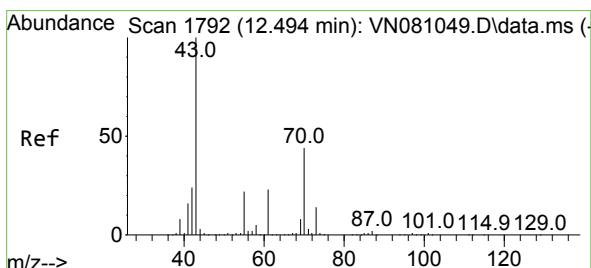
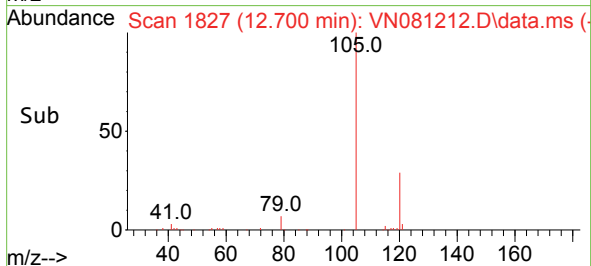
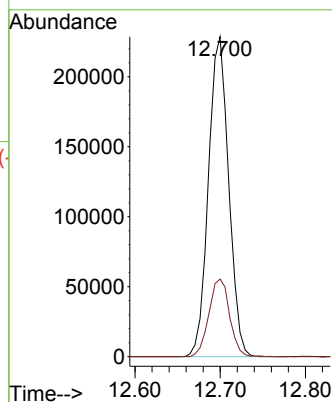
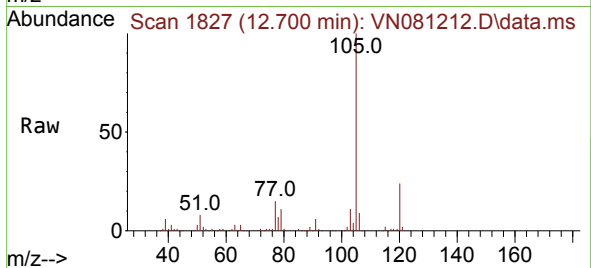
VN0227WBS02

Tgt Ion:105 Resp: 376754

Ion Ratio Lower Upper

105 100

120 24.8 12.6 37.6



#74

N-ethyl acetate

Concen: 18.434 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Tgt Ion: 43 Resp: 145064

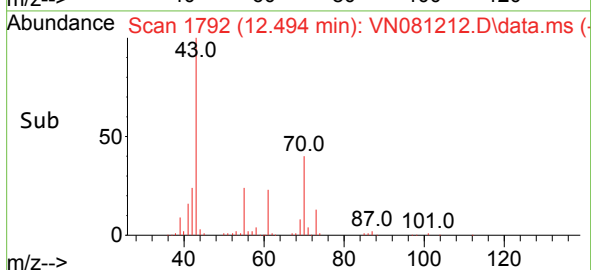
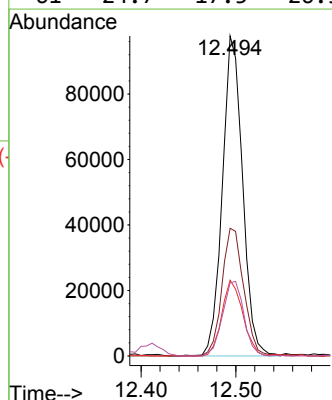
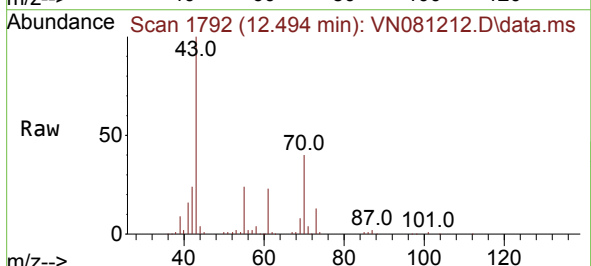
Ion Ratio Lower Upper

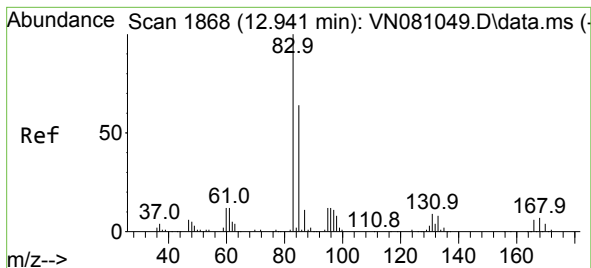
43 100

70 42.8 30.1 45.1

55 24.6 17.0 25.4

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.367 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

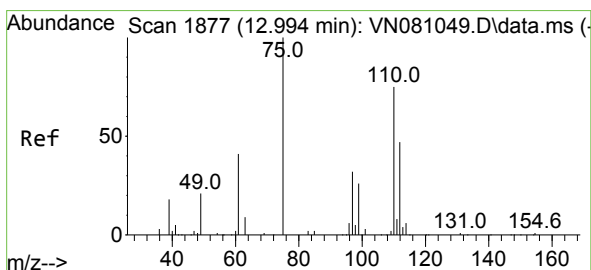
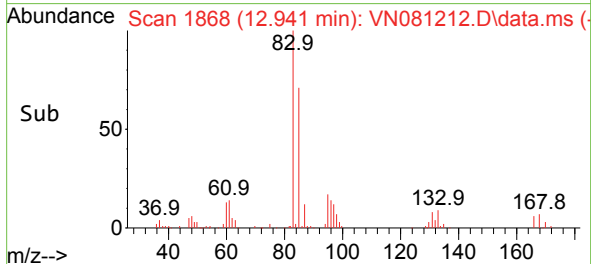
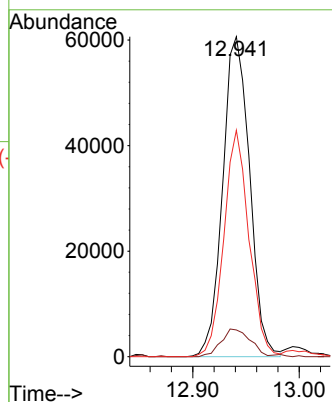
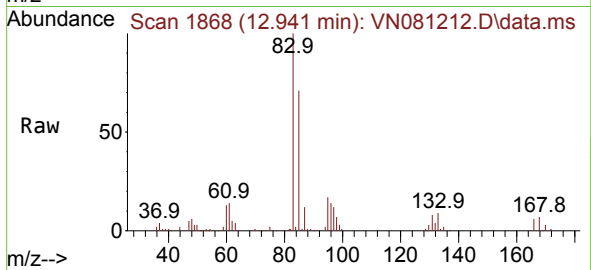
Tgt Ion: 83 Resp: 106636

Ion Ratio Lower Upper

83 100

131 9.6 4.1 12.3

85 66.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 29.847 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN081212.D

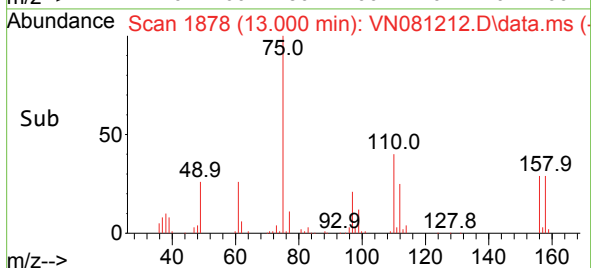
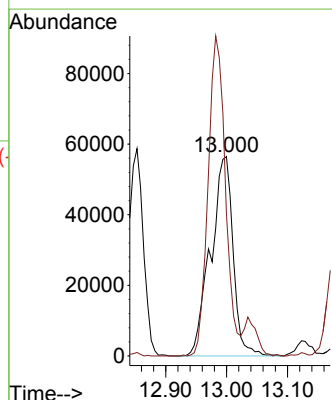
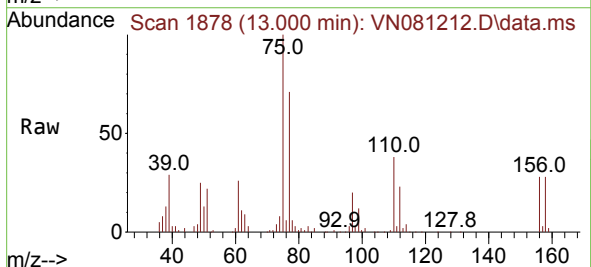
Acq: 27 Feb 2024 12:22

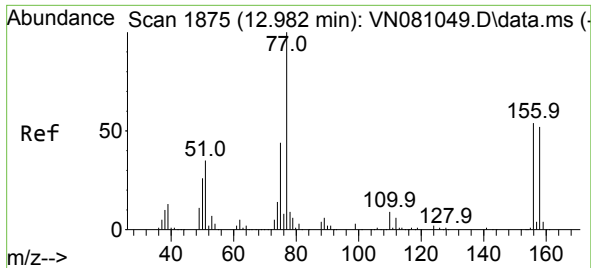
Tgt Ion: 75 Resp: 144323

Ion Ratio Lower Upper

75 100

77 124.5 91.0 272.8

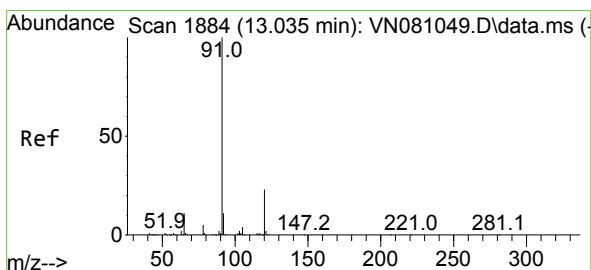
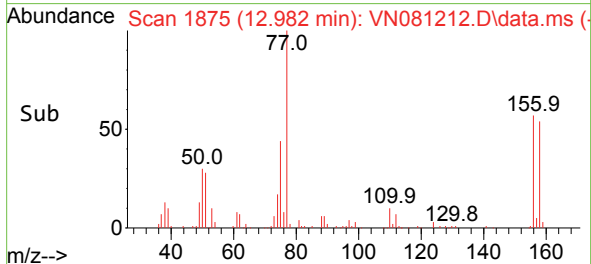
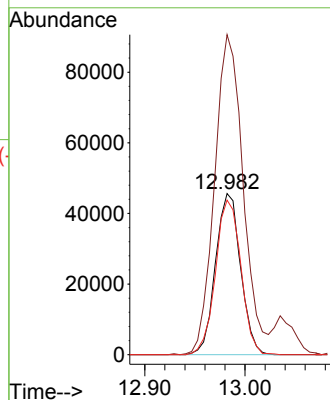
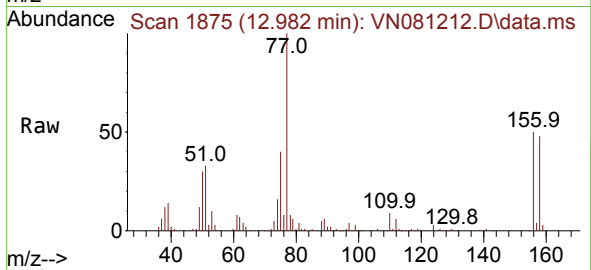




#77
Bromobenzene
Concen: 19.052 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

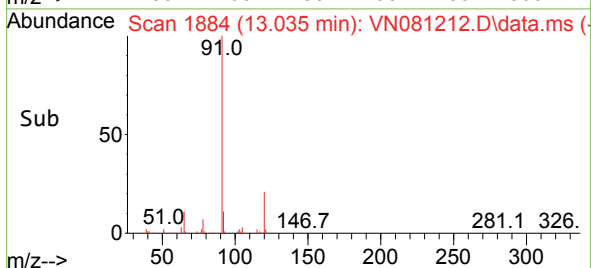
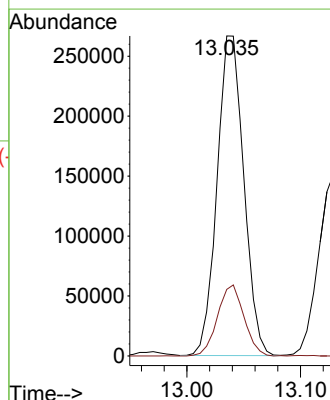
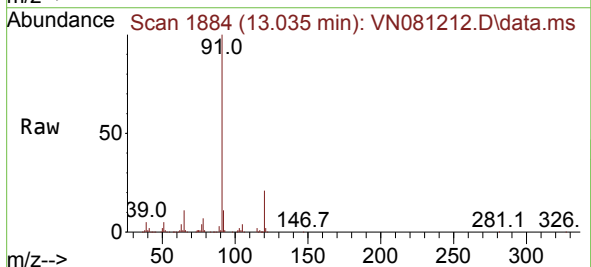
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

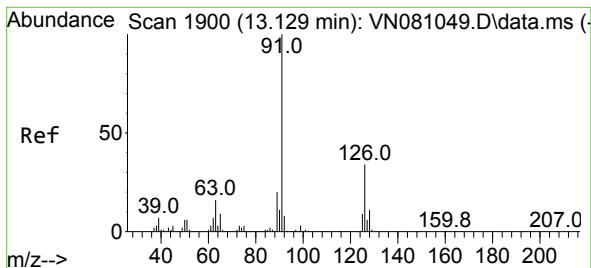
Tgt Ion:156 Resp: 79099
Ion Ratio Lower Upper
156 100
77 227.2 138.1 414.3
158 97.1 46.5 139.5



#78
n-propylbenzene
Concen: 20.355 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 91 Resp: 436320
Ion Ratio Lower Upper
91 100
120 22.0 10.3 30.9





#79

2-Chlorotoluene

Concen: 19.736 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

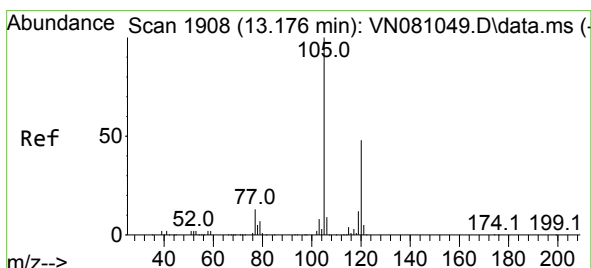
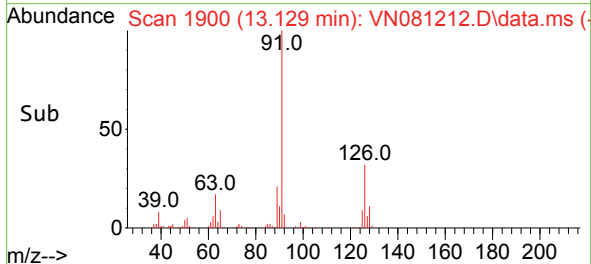
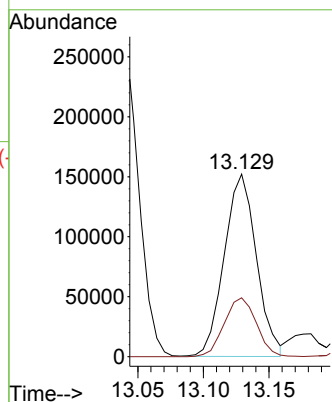
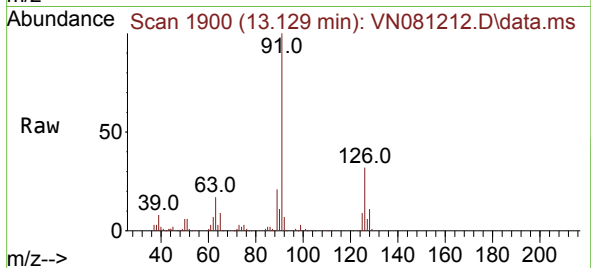
VN0227WBS02

Tgt Ion: 91 Resp: 259485

Ion Ratio Lower Upper

91 100

126 32.3 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 20.548 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081212.D

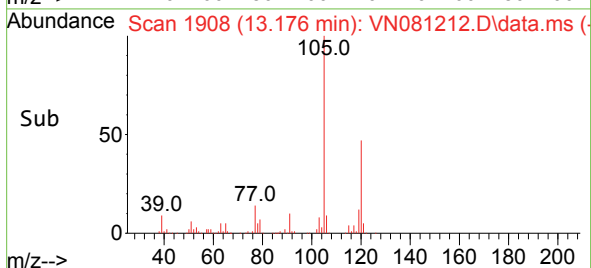
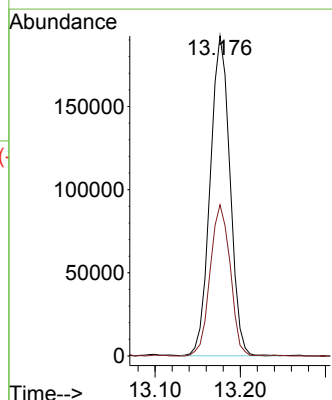
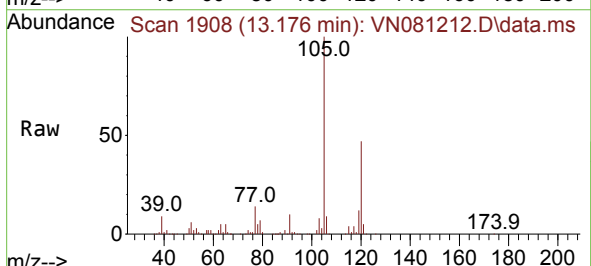
Acq: 27 Feb 2024 12:22

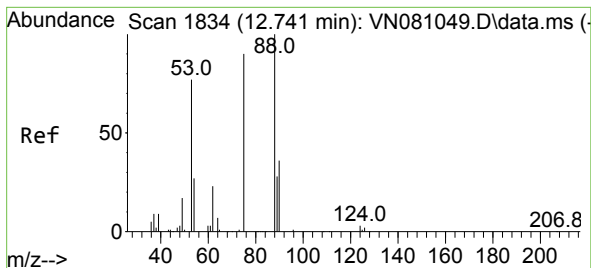
Tgt Ion: 105 Resp: 310211

Ion Ratio Lower Upper

105 100

120 47.8 23.0 69.0

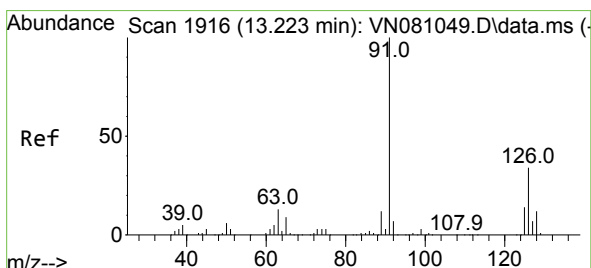
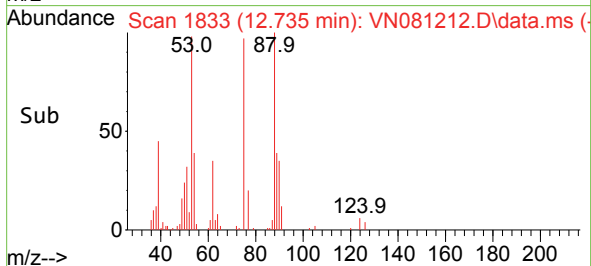
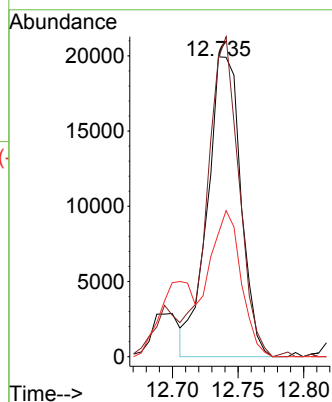
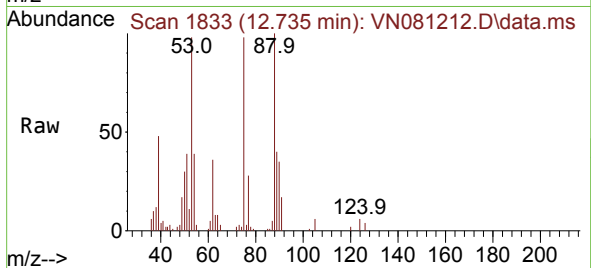




#81
trans-1,4-Dichloro-2-butene
Concen: 18.844 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

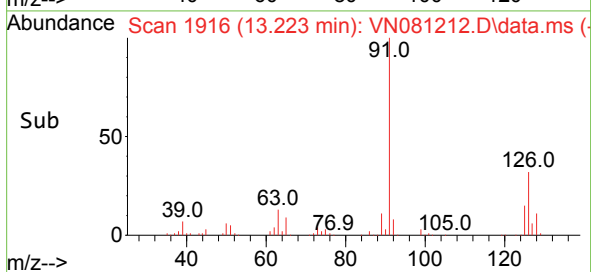
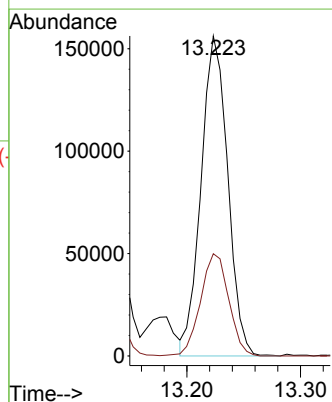
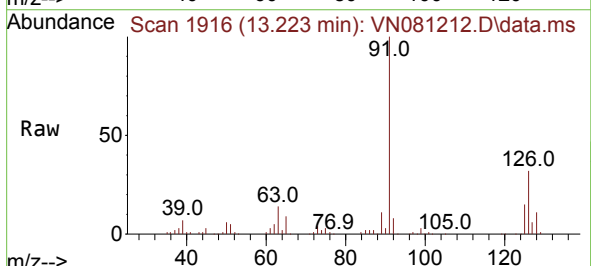
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

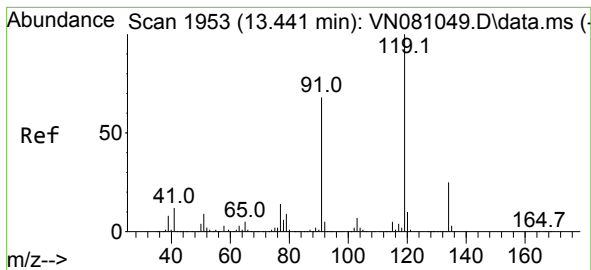
Tgt Ion: 75 Resp: 35401
Ion Ratio Lower Upper
75 100
53 99.4 71.4 107.2
89 45.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.824 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 91 Resp: 254849
Ion Ratio Lower Upper
91 100
126 33.7 15.3 45.9

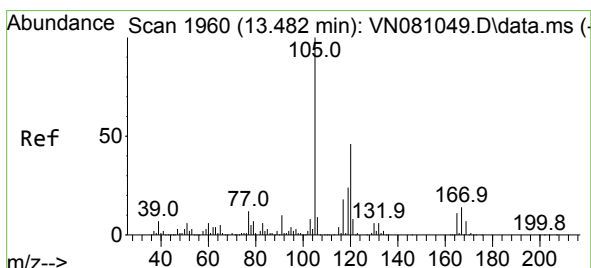
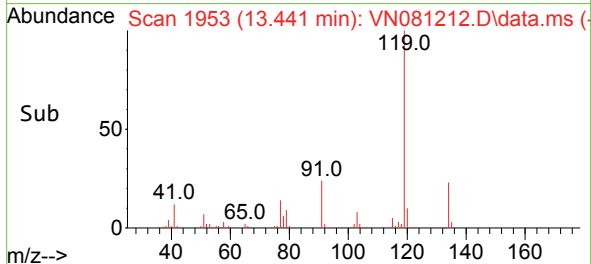
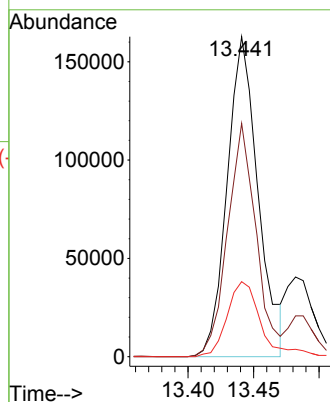
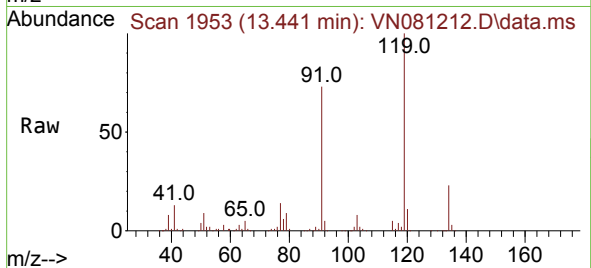




#83
tert-Butylbenzene
Concen: 20.476 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

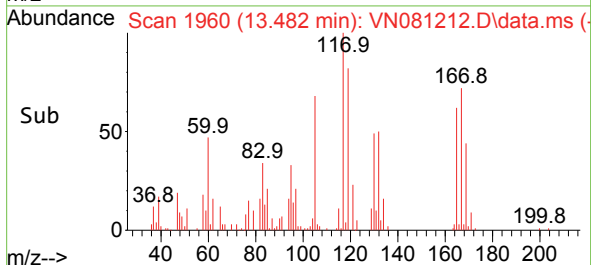
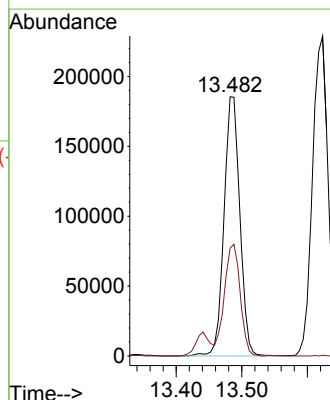
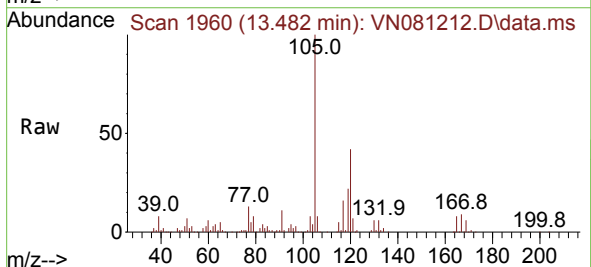
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

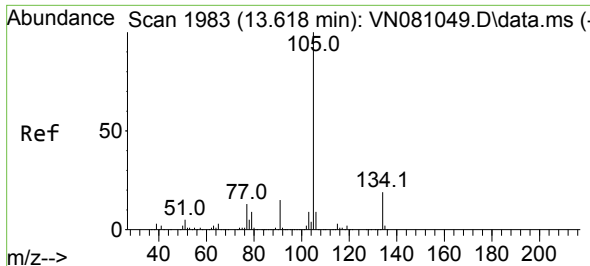
Tgt Ion:119 Resp: 267298
Ion Ratio Lower Upper
119 100
91 67.4 36.8 110.4
134 25.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.622 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion:105 Resp: 310230
Ion Ratio Lower Upper
105 100
120 42.9 20.9 62.7

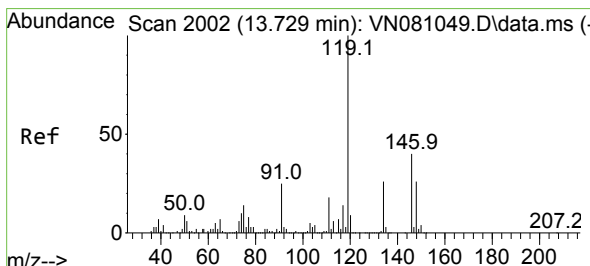
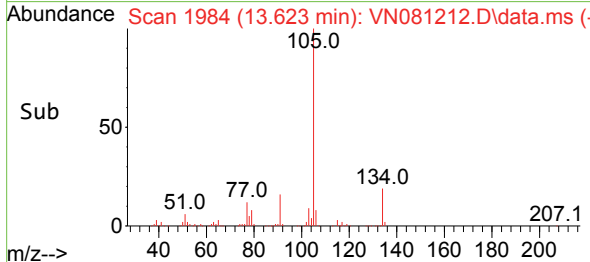
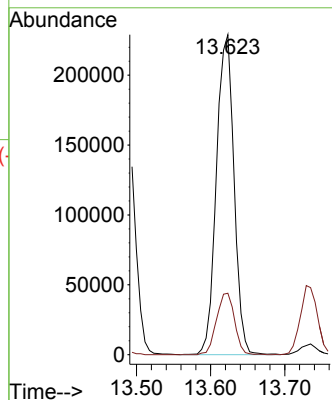
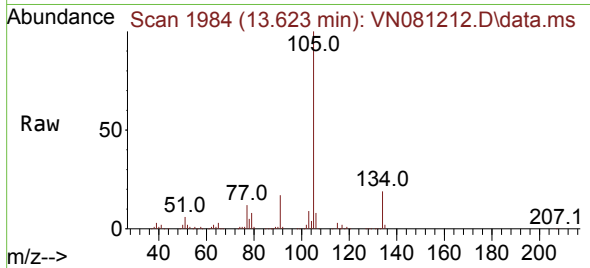




#85
 sec-Butylbenzene
 Concen: 20.849 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

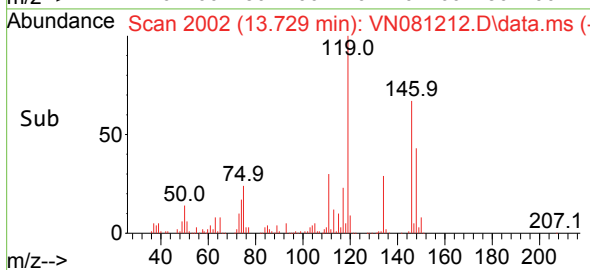
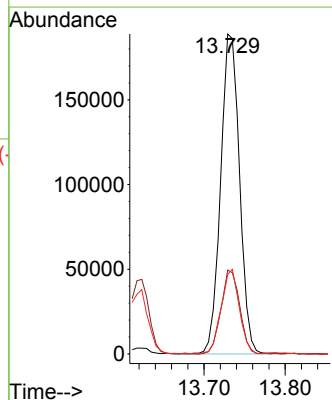
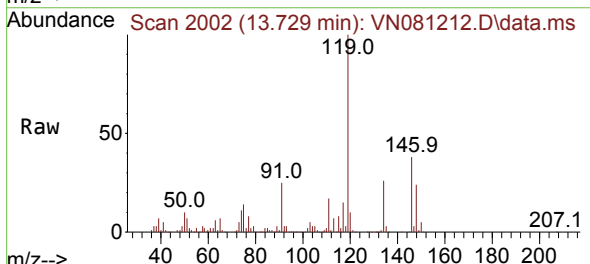
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS02

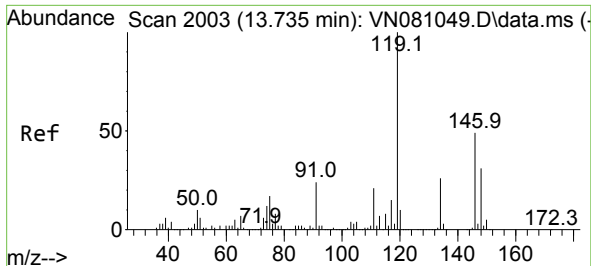
Tgt Ion:105 Resp: 378368
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 20.309 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081212.D
 Acq: 27 Feb 2024 12:22

Tgt Ion:119 Resp: 306129
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 25.3 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 19.636 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

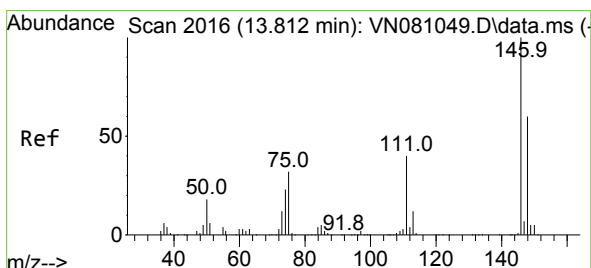
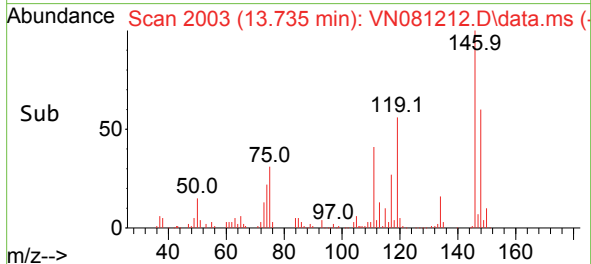
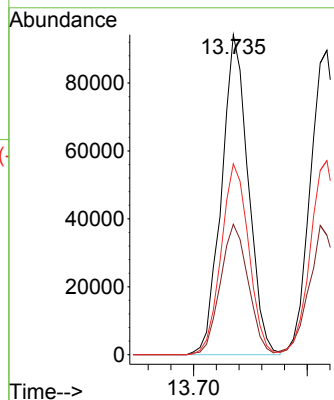
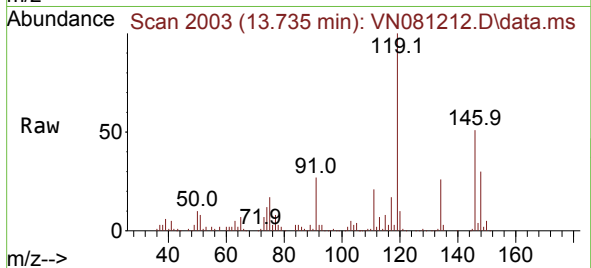
Tgt Ion:146 Resp: 154039

Ion Ratio Lower Upper

146 100

111 42.5 23.9 71.7

148 61.6 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 20.229 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

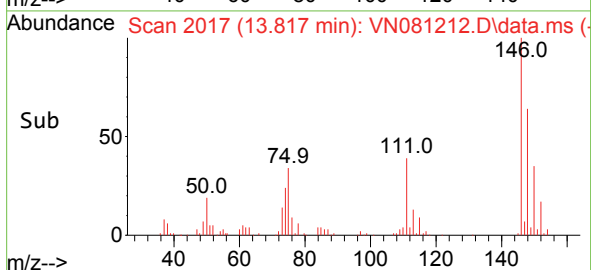
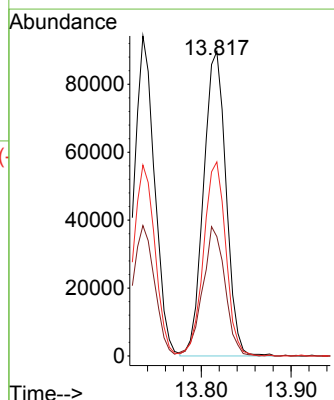
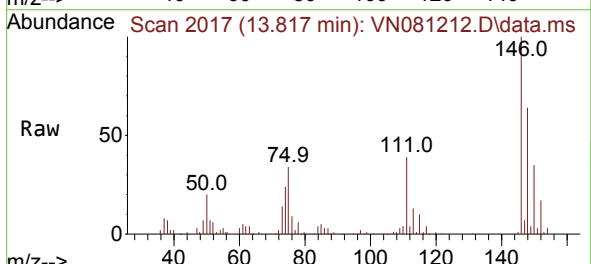
Tgt Ion:146 Resp: 155929

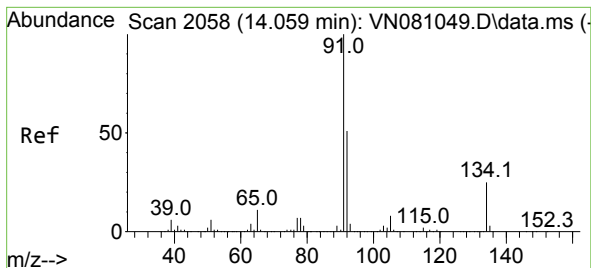
Ion Ratio Lower Upper

146 100

111 42.4 22.6 67.7

148 63.1 31.9 95.5





#89

n-Butylbenzene

Concen: 20.705 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

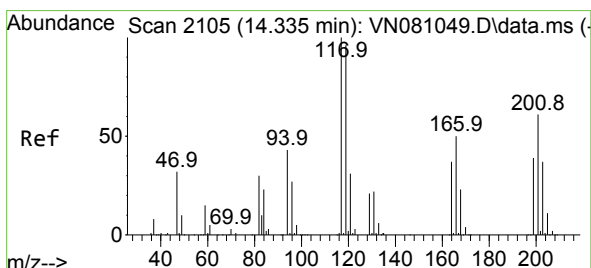
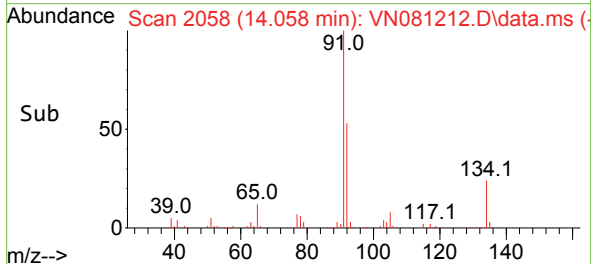
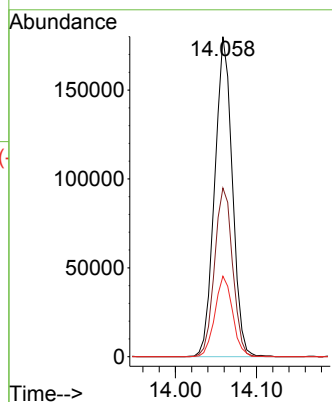
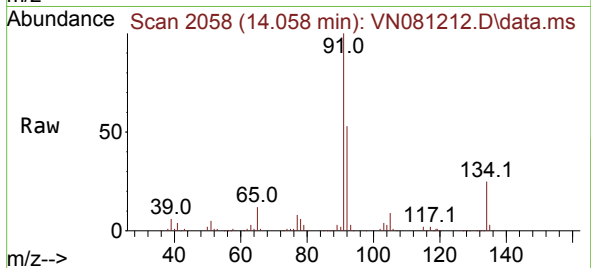
Tgt Ion: 91 Resp: 271900

Ion Ratio Lower Upper

91 100

92 54.0 26.7 80.1

134 25.3 10.8 32.4



#90

Hexachloroethane

Concen: 20.162 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081212.D

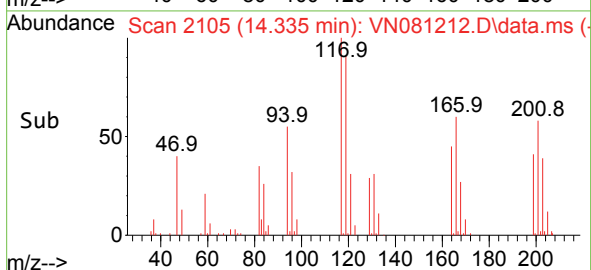
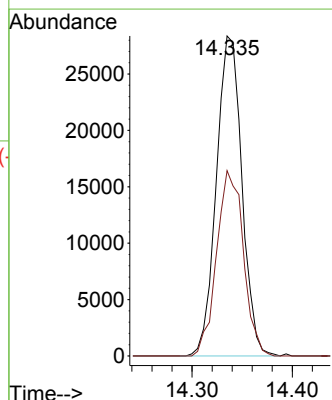
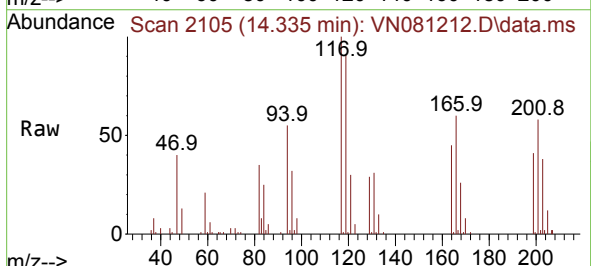
Acq: 27 Feb 2024 12:22

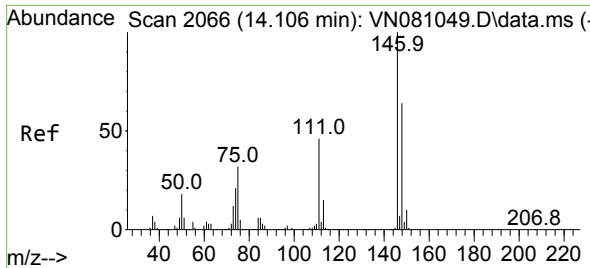
Tgt Ion: 117 Resp: 50237

Ion Ratio Lower Upper

117 100

201 60.5 30.0 90.0

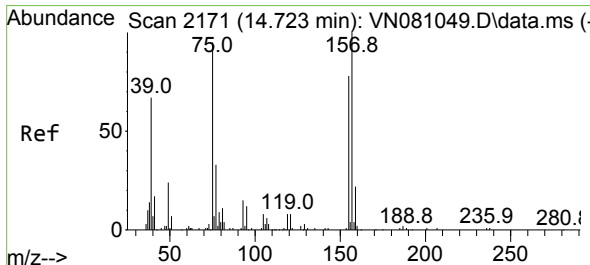
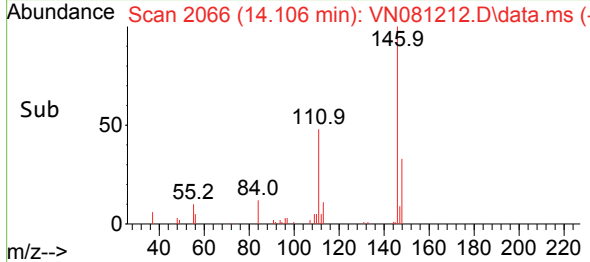
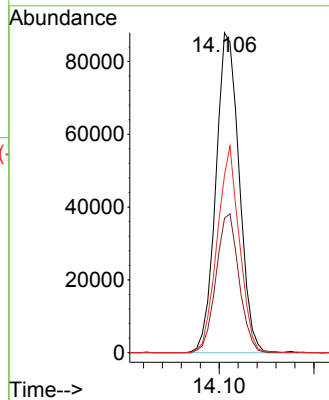
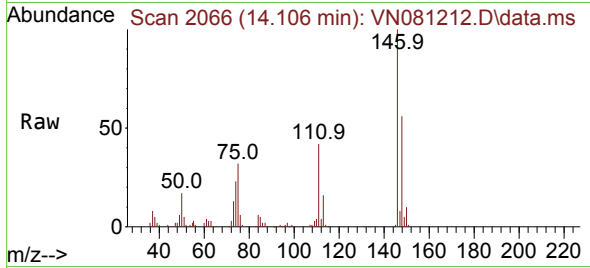




#91
1,2-Dichlorobenzene
Concen: 19.852 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

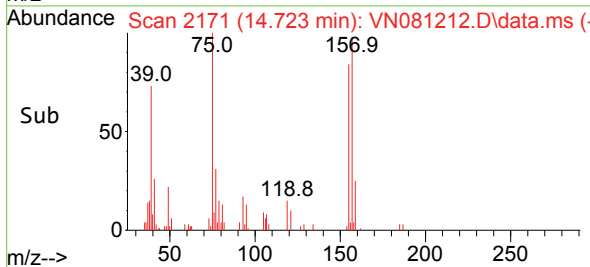
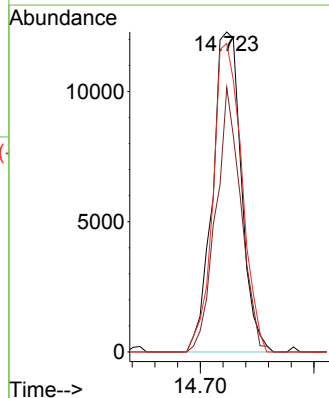
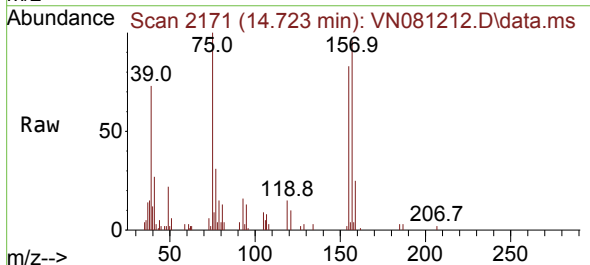
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS02

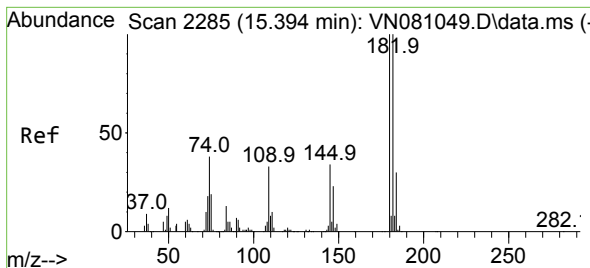
Tgt Ion:146 Resp: 150202
Ion Ratio Lower Upper
146 100
111 42.9 23.9 71.8
148 61.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.845 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081212.D
Acq: 27 Feb 2024 12:22

Tgt Ion: 75 Resp: 21603
Ion Ratio Lower Upper
75 100
155 72.5 31.8 95.4
157 96.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.649 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

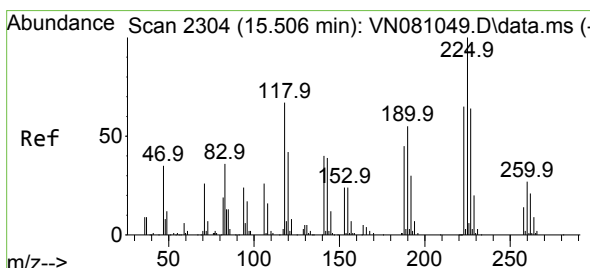
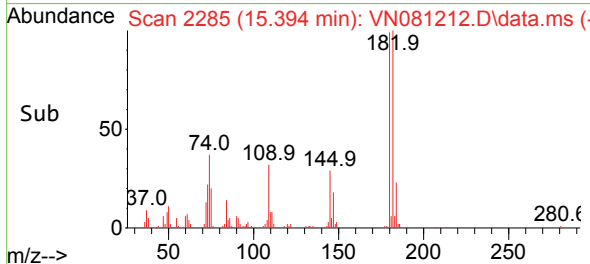
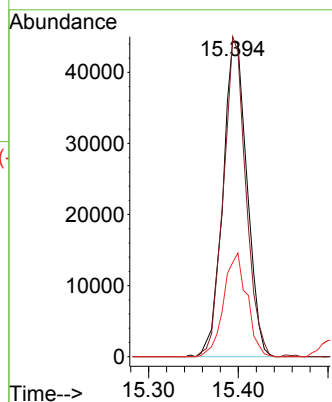
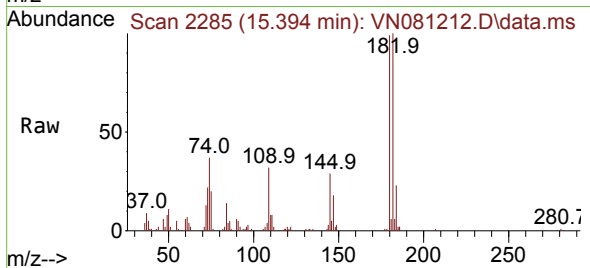
Tgt Ion:180 Resp: 82936

Ion Ratio Lower Upper

180 100

182 93.9 46.6 139.7

145 31.6 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.058 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

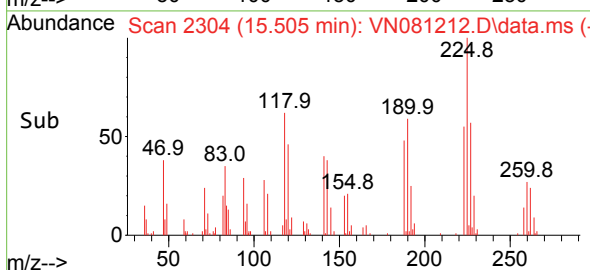
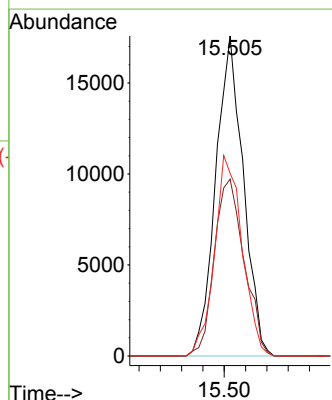
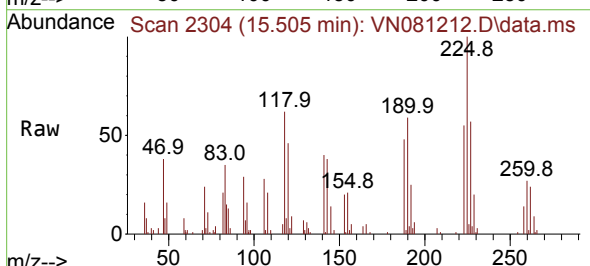
Tgt Ion:225 Resp: 31576

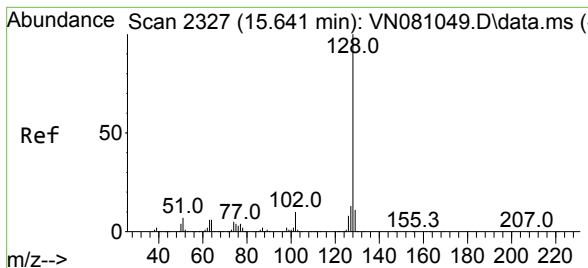
Ion Ratio Lower Upper

225 100

223 60.1 33.3 99.8

227 62.7 33.1 99.2





#95

Naphthalene

Concen: 18.263 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS02

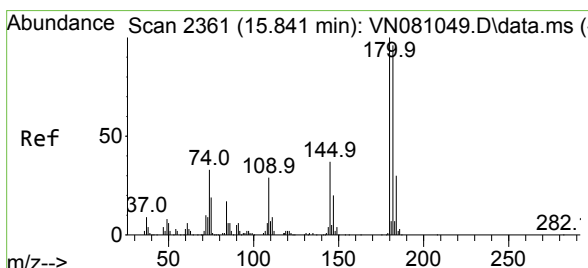
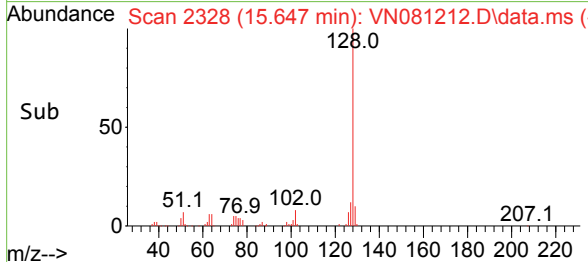
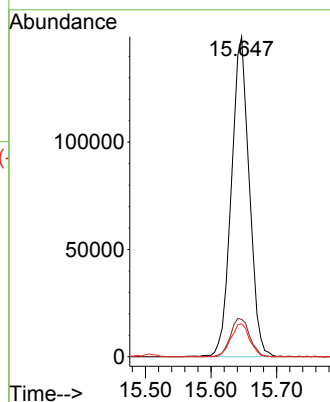
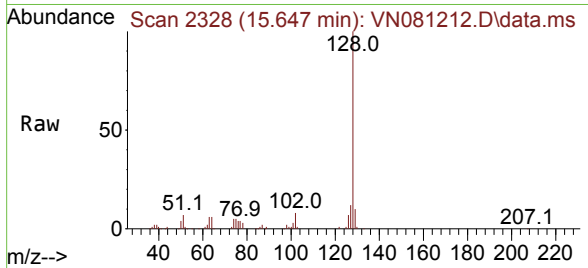
Tgt Ion:128 Resp: 282483

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.897 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081212.D

Acq: 27 Feb 2024 12:22

Tgt Ion:180 Resp: 83317

Ion Ratio Lower Upper

180 100

182 94.4 46.5 139.3

145 35.5 17.8 53.4

