

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081050.D
 Acq On : 16 Feb 2024 12:30
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 16 23:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	393704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	723682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	641488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89275	18.500	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.000%#
35) Dibromofluoromethane	8.171	113	76014	18.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.160%#
50) Toluene-d8	10.565	98	261180	17.970	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	35.940%#
62) 4-Bromofluorobenzene	12.847	95	101657	18.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	37.220%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	101480	19.931	ug/l	95
3) Chloromethane	2.365	50	121994	21.282	ug/l	93
4) Vinyl Chloride	2.518	62	116882	20.667	ug/l #	84
5) Bromomethane	2.947	94	82472	20.531	ug/l	88
6) Chloroethane	3.118	64	72632	18.820	ug/l	91
7) Trichlorofluoromethane	3.494	101	172892	20.926	ug/l	99
8) Diethyl Ether	3.959	74	64912	21.489	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	97705	21.213	ug/l	91
10) Methyl Iodide	4.589	142	106146	20.646	ug/l	97
11) Tert butyl alcohol	5.524	59	96100	108.285	ug/l #	90
12) 1,1-Dichloroethene	4.336	96	92183	20.705	ug/l	86
13) Acrolein	4.183	56	45912	96.522	ug/l	94
14) Allyl chloride	5.018	41	139388	21.100	ug/l #	92
15) Acrylonitrile	5.718	53	244401	105.446	ug/l	97
16) Acetone	4.424	43	198202	104.382	ug/l	97
17) Carbon Disulfide	4.712	76	257413	20.728	ug/l	98
18) Methyl Acetate	5.024	43	99335	21.445	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	321878	21.108	ug/l	100
20) Methylene Chloride	5.277	84	109880	21.845	ug/l #	88
21) trans-1,2-Dichloroethene	5.777	96	104255	20.988	ug/l #	79
22) Diisopropyl ether	6.677	45	323509	21.588	ug/l #	96
23) Vinyl Acetate	6.600	43	1348974	110.950	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	183955	21.230	ug/l	98
25) 2-Butanone	7.482	43	341361	111.280	ug/l	95
26) 2,2-Dichloropropane	7.494	77	170419	20.990	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	119365	20.682	ug/l	87
28) Bromochloromethane	7.812	49	66036	18.383	ug/l #	60
29) Tetrahydrofuran	7.841	42	218115	106.514	ug/l #	87
30) Chloroform	7.965	83	191175	20.754	ug/l	99
31) Cyclohexane	8.259	56	168026	20.165	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	178985	21.335	ug/l	95
36) 1,1-Dichloropropene	8.371	75	144184	20.566	ug/l	97
37) Ethyl Acetate	7.559	43	129802	20.514	ug/l	96
38) Carbon Tetrachloride	8.359	117	152150	21.451	ug/l	99
39) Methylcyclohexane	9.600	83	174725	21.379	ug/l	88
40) Benzene	8.606	78	433422	21.358	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74014	20.554	ug/l	92
42) 1,2-Dichloroethane	8.671	62	145649	20.572	ug/l	97
43) Isopropyl Acetate	8.688	43	238364	21.540	ug/l #	96
44) Trichloroethene	9.353	130	114435	21.173	ug/l	91
45) 1,2-Dichloropropane	9.623	63	110177	21.705	ug/l	98
46) Dibromomethane	9.712	93	76246	20.615	ug/l #	89
47) Bromodichloromethane	9.888	83	148259	21.165	ug/l #	97
48) Methyl methacrylate	9.676	41	108712	21.113	ug/l	95
49) 1,4-Dioxane	9.694	88	45384	457.296	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	690349	108.447	ug/l	95
52) Toluene	10.629	92	272995	21.250	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	167215	21.481	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	177610	21.118	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	103645	20.976	ug/l	95
56) Ethyl methacrylate	10.876	69	161999	21.452	ug/l	91
57) 1,3-Dichloropropane	11.165	76	183846	21.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	380763	100.492	ug/l #	87
59) 2-Hexanone	11.194	43	548921	108.766	ug/l	96
60) Dibromochloromethane	11.359	129	113186	21.563	ug/l	98
61) 1,2-Dibromoethane	11.470	107	111037	21.370	ug/l	99
64) Tetrachloroethene	11.106	164	90026	20.562	ug/l	86
65) Chlorobenzene	11.894	112	293019	21.105	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	106315	21.320	ug/l	97
67) Ethyl Benzene	11.965	91	537245	21.625	ug/l	94
68) m/p-Xylenes	12.070	106	408699	42.919	ug/l	96
69) o-Xylene	12.400	106	199231	21.106	ug/l	95
70) Styrene	12.412	104	329057	21.999	ug/l	96
71) Bromoform	12.582	173	71562	22.619	ug/l #	99
73) Isopropylbenzene	12.694	105	521739	20.764	ug/l	97
74) N-amyl acetate	12.494	43	220565	20.769	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	146704	20.763	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	197443	30.136	ug/l	62
77) Bromobenzene	12.982	156	113246	20.213	ug/l	77
78) n-propylbenzene	13.035	91	606447	20.965	ug/l	95
79) 2-Chlorotoluene	13.129	91	366857	20.677	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	434868	21.345	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	54426	21.469	ug/l	99
82) 4-Chlorotoluene	13.223	91	356967	20.576	ug/l	93
83) tert-Butylbenzene	13.441	119	368095	20.895	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	435283	21.441	ug/l	97
85) sec-Butylbenzene	13.617	105	513795	20.980	ug/l	94
86) p-Isopropyltoluene	13.729	119	432610	21.267	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	214923	20.302	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	208609	20.055	ug/l	96
89) n-Butylbenzene	14.059	91	375068	21.164	ug/l	95
90) Hexachloroethane	14.335	117	74081	22.032	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	208790	20.449	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29940	20.381	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	119796	21.031	ug/l	99
94) Hexachlorobutadiene	15.505	225	46054	21.679	ug/l	95
95) Naphthalene	15.641	128	430313	20.615	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	117605	20.812	ug/l	99

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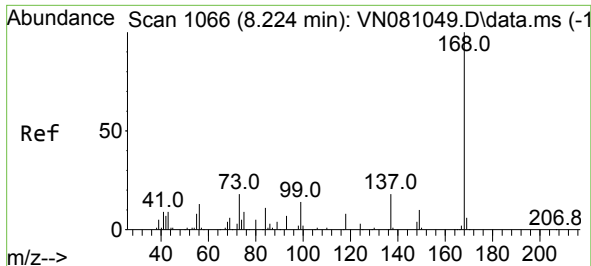
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QLast Update : Fri Feb 16 23:18:56 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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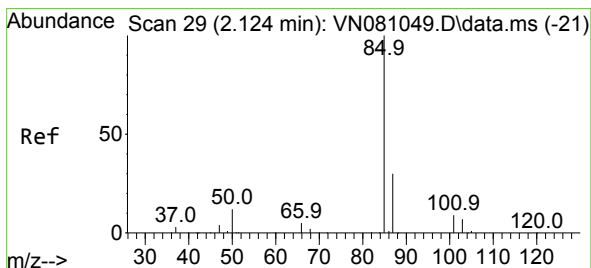
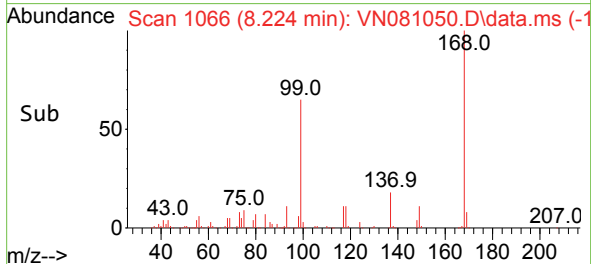
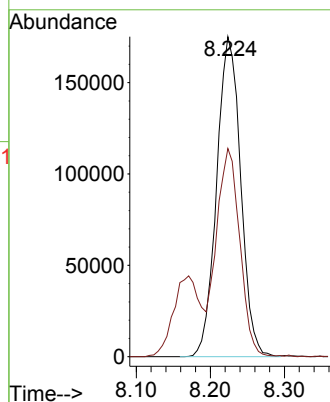
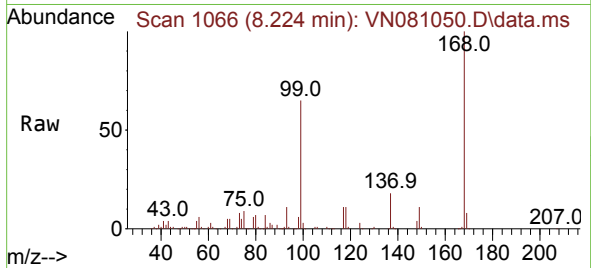




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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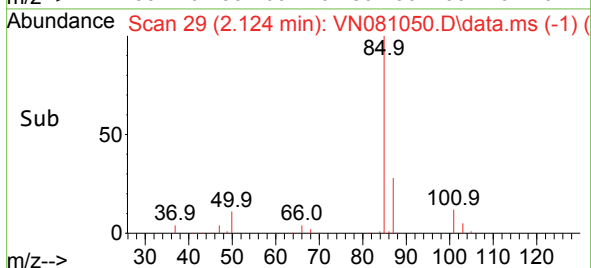
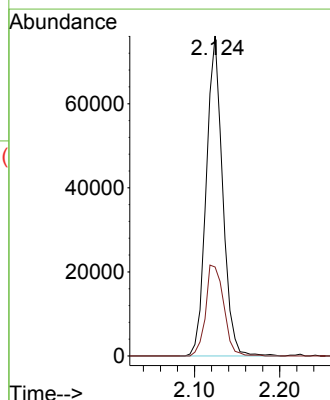
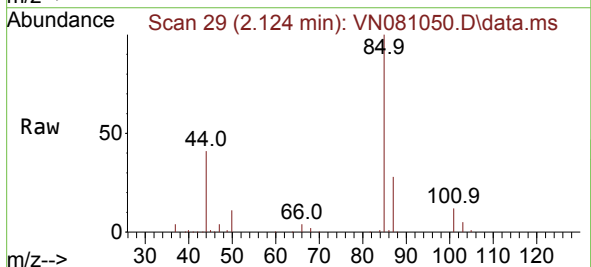
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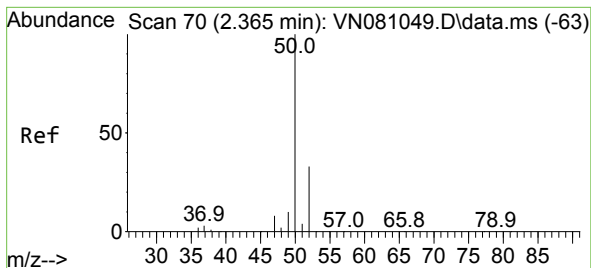
Tgt Ion:168 Resp: 393704
Ion Ratio Lower Upper
168 100
99 64.7 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 19.931 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 85 Resp: 101480
Ion Ratio Lower Upper
85 100
87 27.8 15.3 45.9





#3

Chloromethane

Concen: 21.282 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

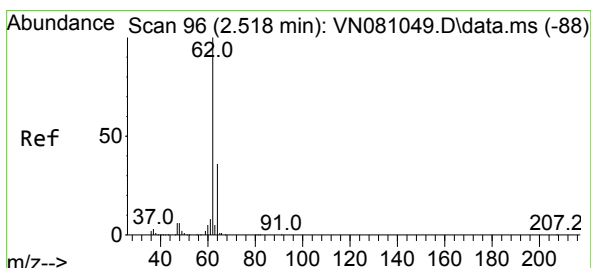
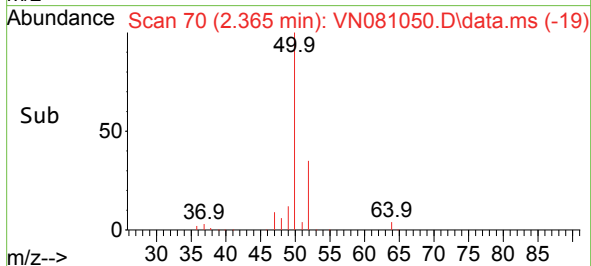
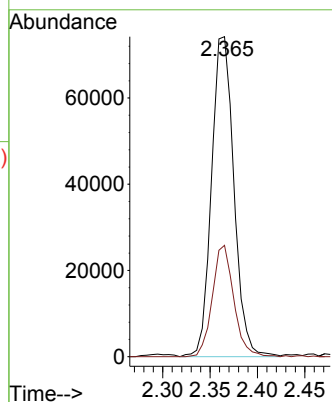
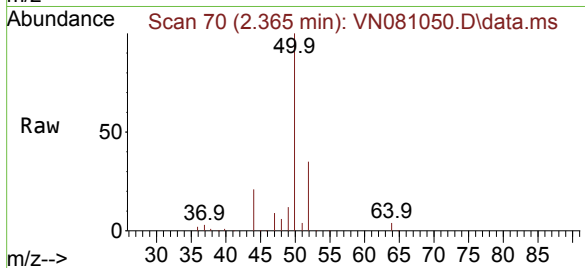
VSTDICC020

Tgt Ion: 50 Resp: 121994

Ion Ratio Lower Upper

50 100

52 34.8 25.0 37.4



#4

Vinyl Chloride

Concen: 20.667 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN081050.D

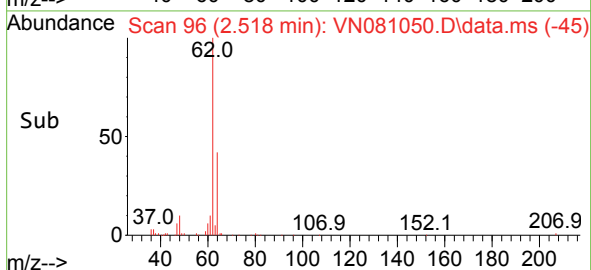
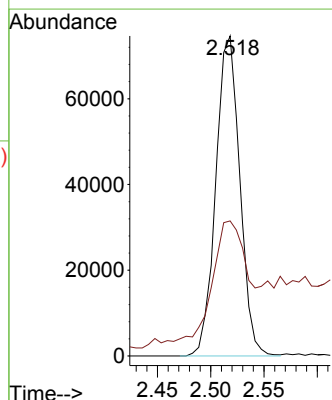
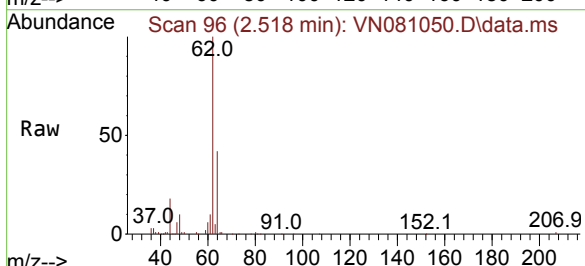
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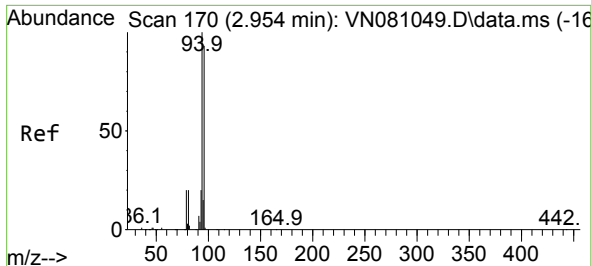
Tgt Ion: 62 Resp: 116882

Ion Ratio Lower Upper

62 100

64 36.8 22.7 34.1#

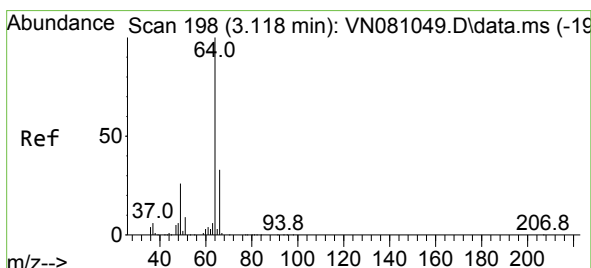
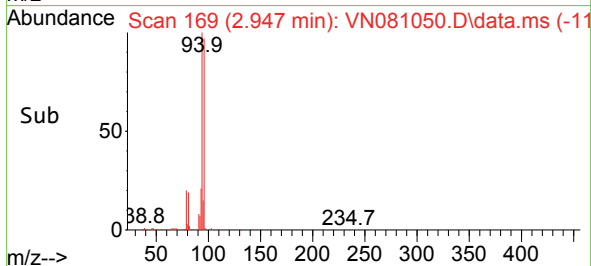
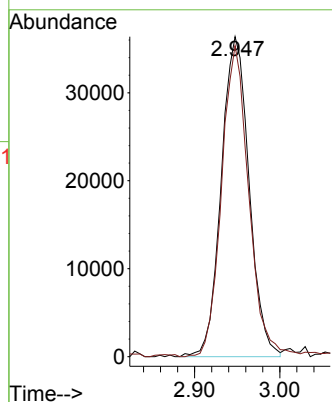
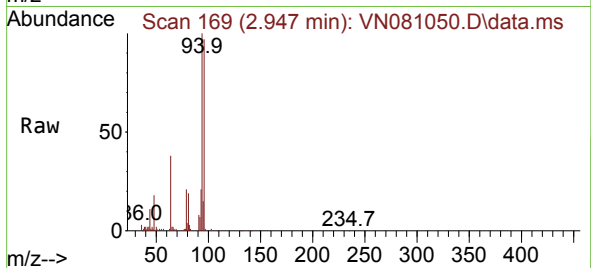




#5
Bromomethane
Concen: 20.531 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN081050.D
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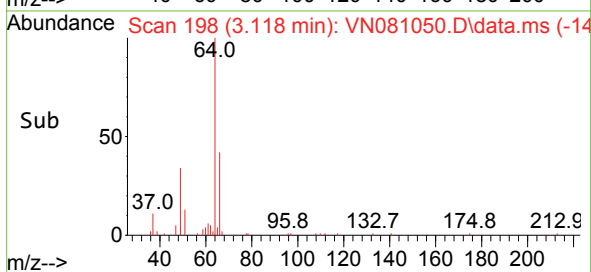
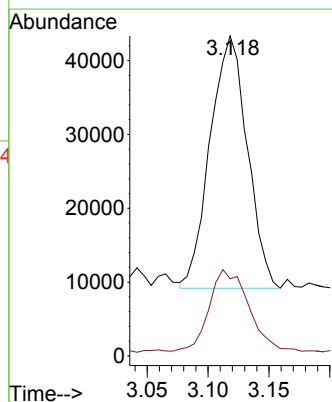
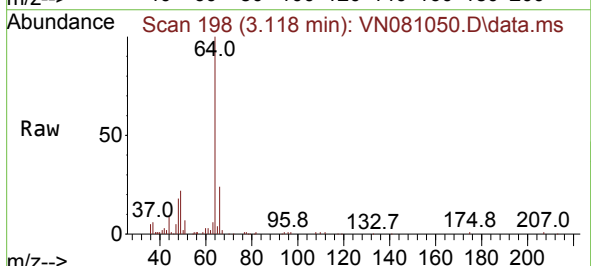
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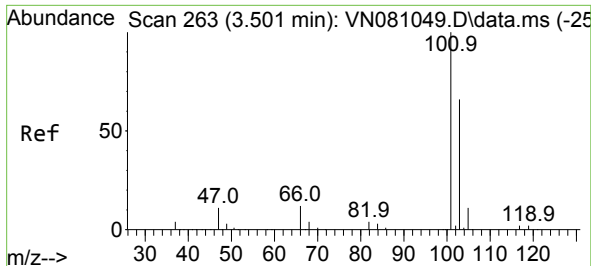
Tgt Ion: 94 Resp: 82472
Ion Ratio Lower Upper
94 100
96 97.2 69.2 103.8



#6
Chloroethane
Concen: 18.820 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 64 Resp: 72632
Ion Ratio Lower Upper
64 100
66 27.9 26.4 39.6

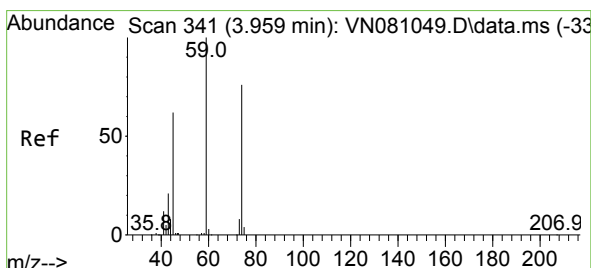
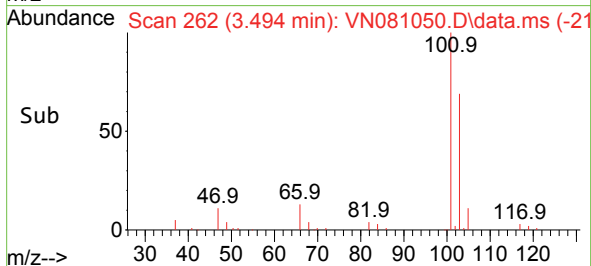
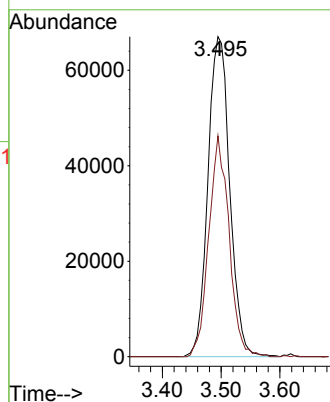
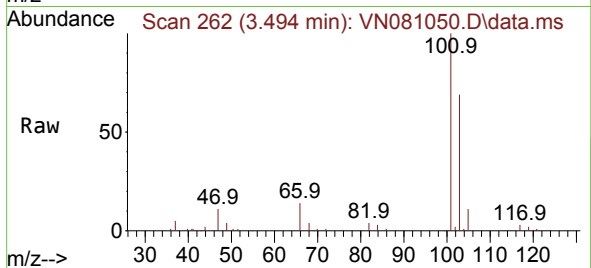




#7
 Trichlorofluoromethane
 Concen: 20.926 ug/l
 RT: 3.494 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN081050.D
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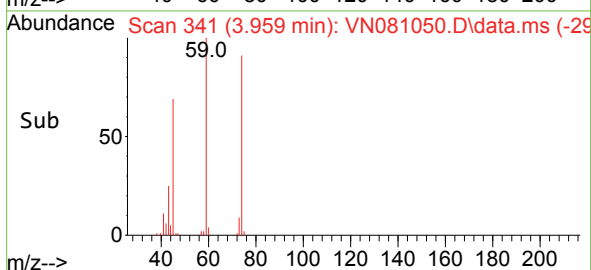
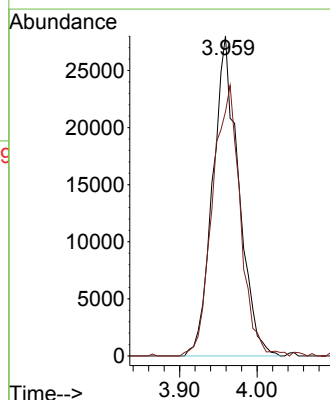
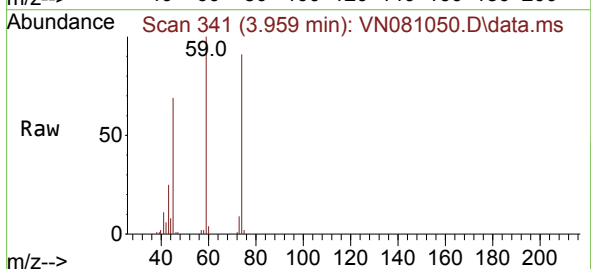
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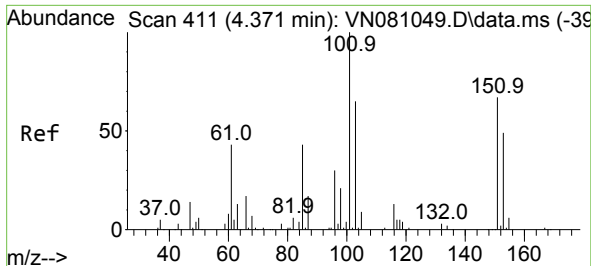
Tgt Ion:101 Resp: 172892
 Ion Ratio Lower Upper
 101 100
 103 69.0 54.4 81.6



#8
 Diethyl Ether
 Concen: 21.489 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 64912
 Ion Ratio Lower Upper
 74 100
 45 90.9 53.3 159.9

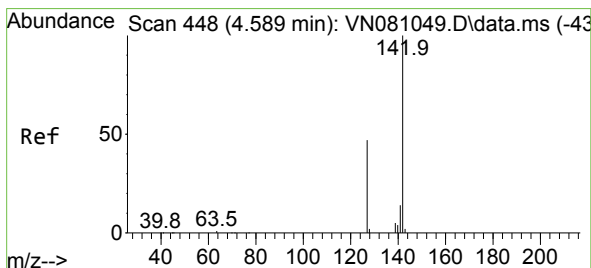
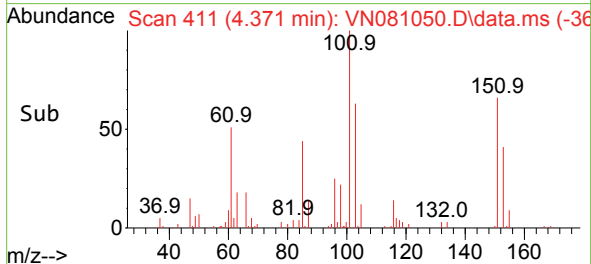
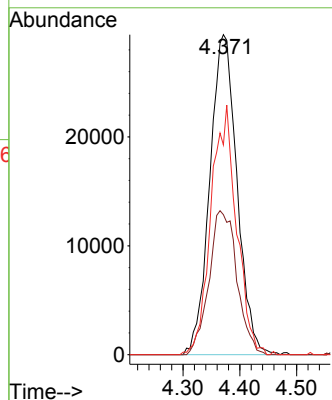
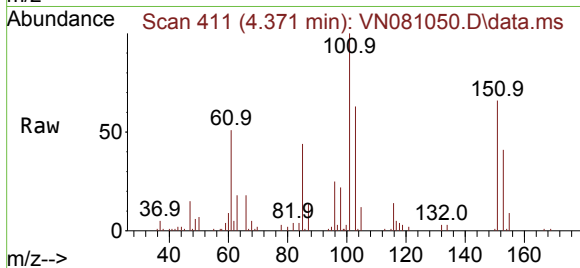




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.213 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

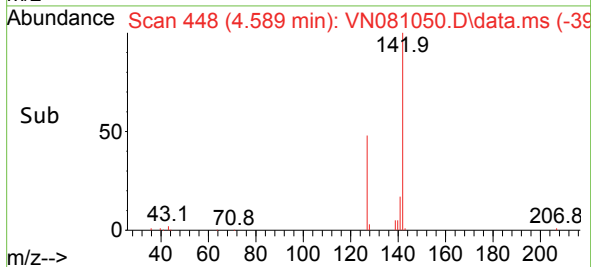
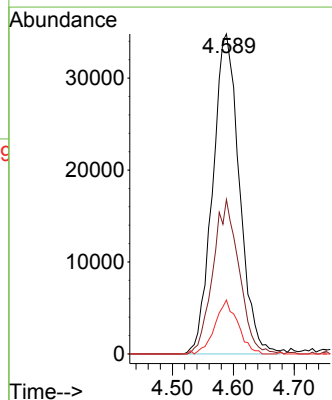
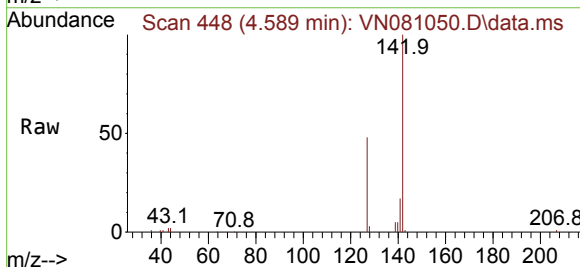
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 97705
Ion Ratio Lower Upper
101 100
85 46.3 38.1 57.1
151 73.1 49.1 73.7



#10
Methyl Iodide
Concen: 20.646 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion:142 Resp: 106146
Ion Ratio Lower Upper
142 100
127 48.3 37.0 55.4
141 16.9 12.5 18.7

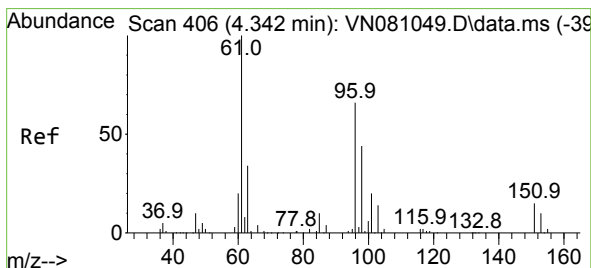
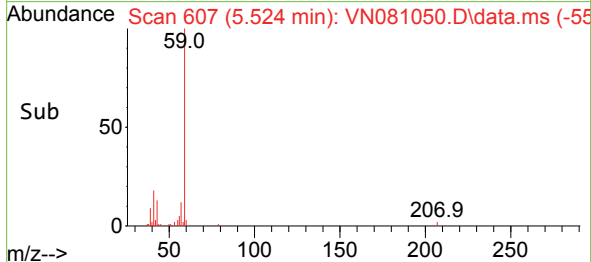
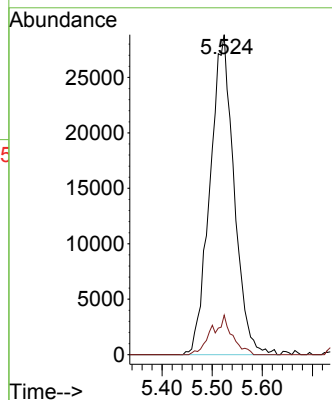
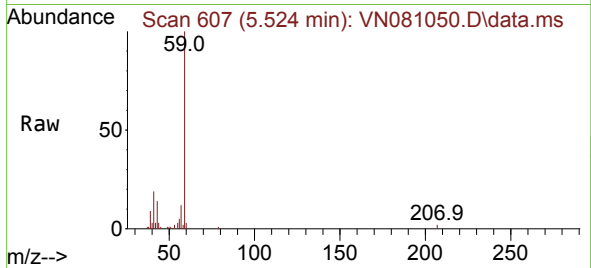




#11
Tert butyl alcohol
Concen: 108.285 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

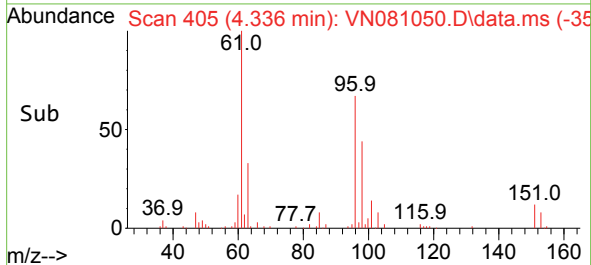
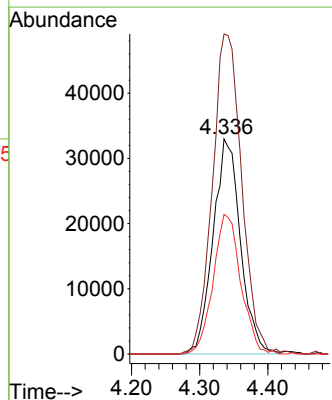
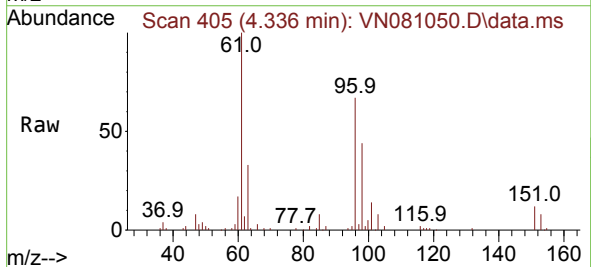
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

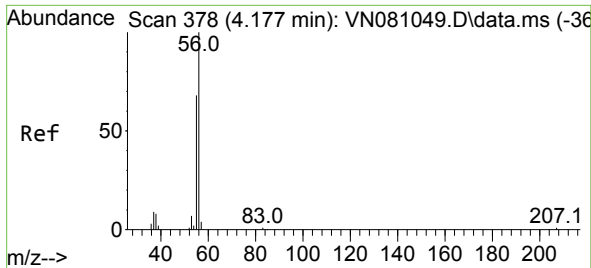
Tgt Ion: 59 Resp: 96100
Ion Ratio Lower Upper
59 100
57 6.8 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 20.705 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 96 Resp: 92183
Ion Ratio Lower Upper
96 100
61 148.9 138.2 207.4
98 64.9 49.2 73.8

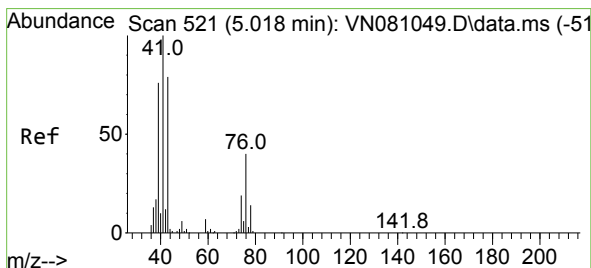
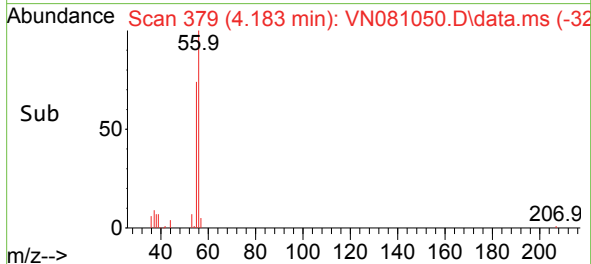
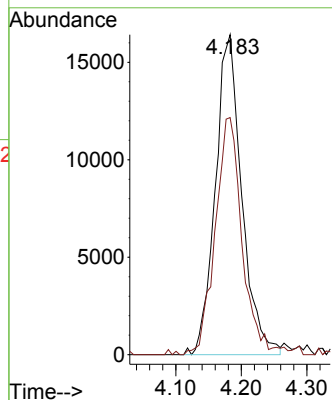
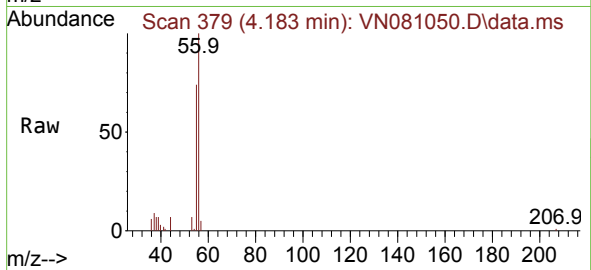




#13
Acrolein
Concen: 96.522 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

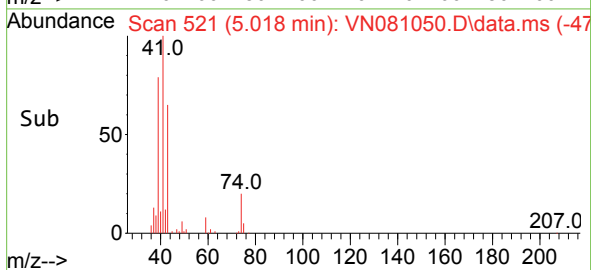
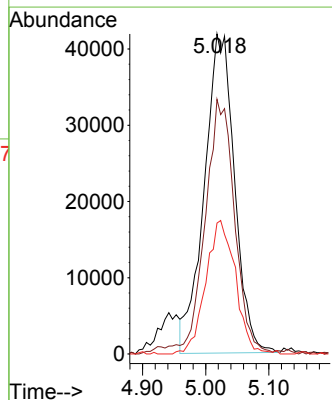
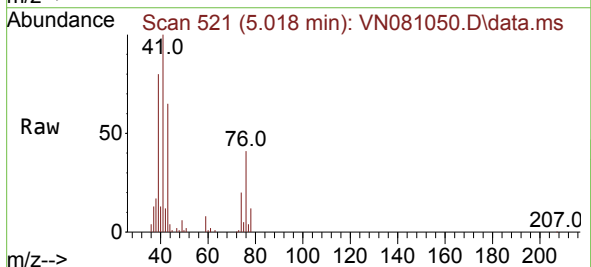
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

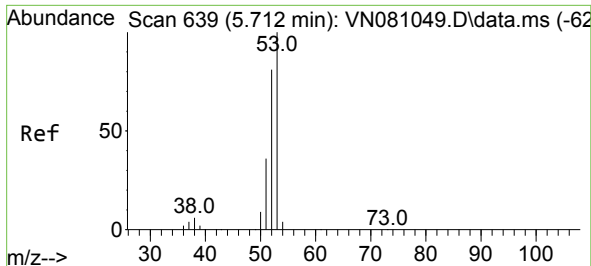
Tgt Ion: 56 Resp: 45912
Ion Ratio Lower Upper
56 100
55 74.2 55.3 82.9



#14
Allyl chloride
Concen: 21.100 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 41 Resp: 139388
Ion Ratio Lower Upper
41 100
39 76.7 57.7 86.5
76 41.1 26.8 40.2#

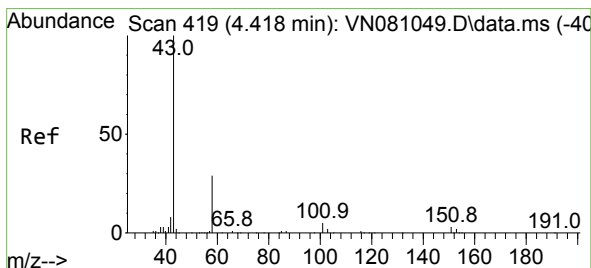
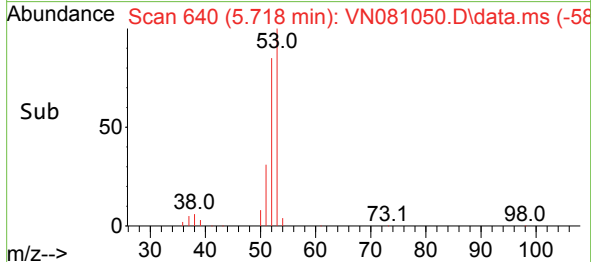
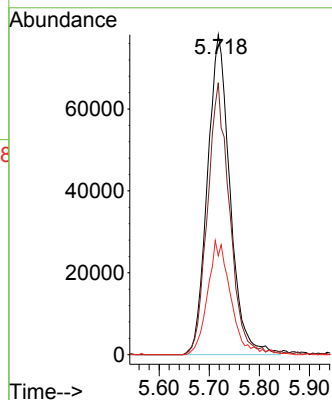
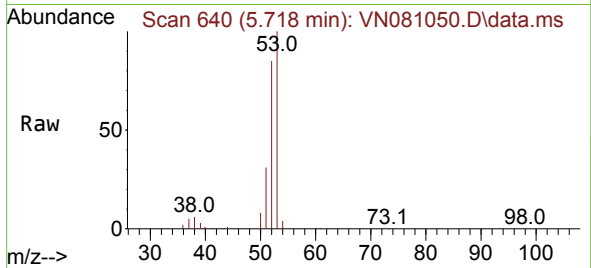




#15
Acrylonitrile
Concen: 105.446 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

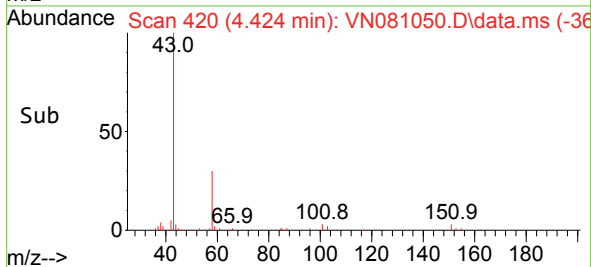
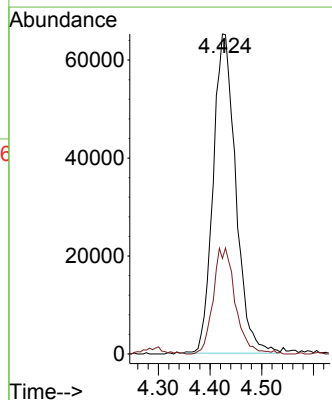
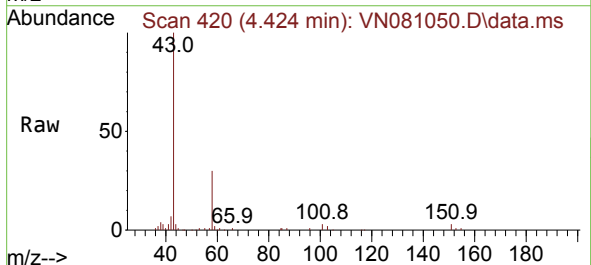
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

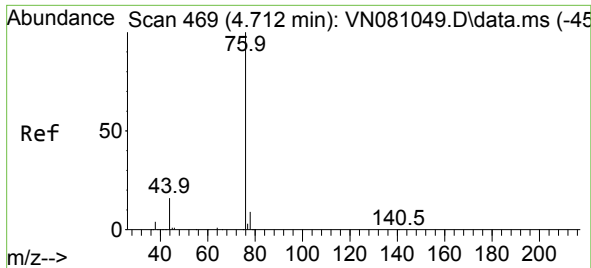
Tgt Ion: 53 Resp: 244401
Ion Ratio Lower Upper
53 100
52 83.0 64.8 97.2
51 36.8 26.9 40.3



#16
Acetone
Concen: 104.382 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 43 Resp: 198202
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2

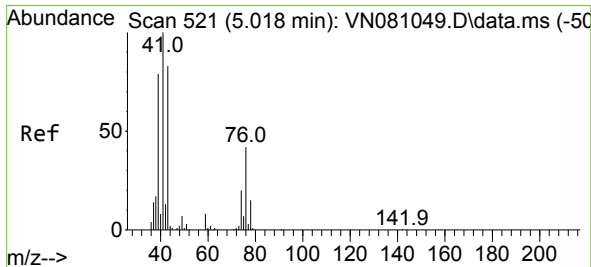
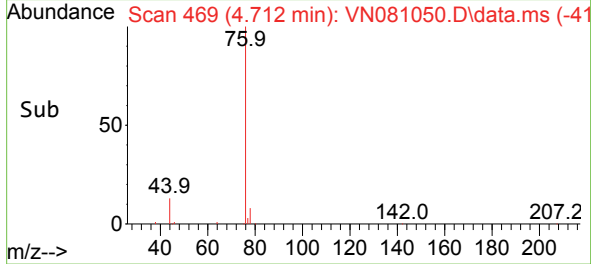
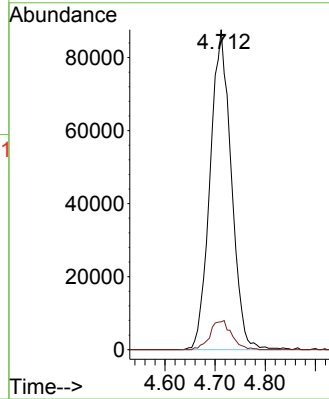
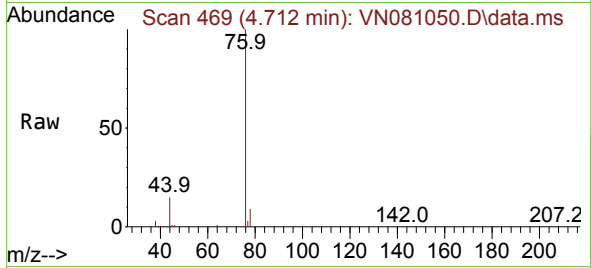




#17
Carbon Disulfide
Concen: 20.728 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

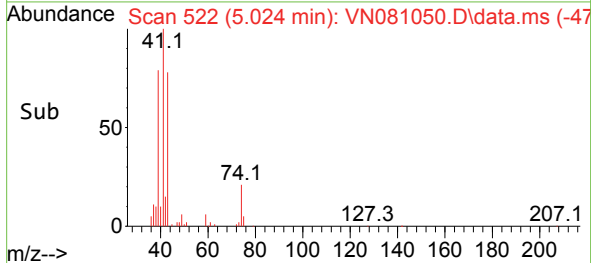
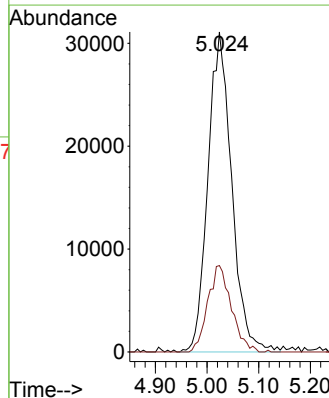
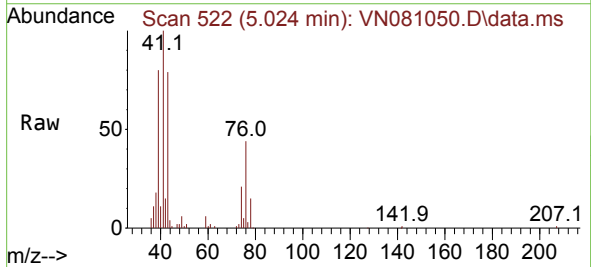
Instrument :
MSVOA_N
ClientSampleId :
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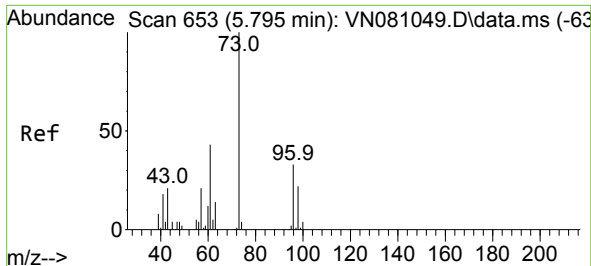
Tgt Ion: 76 Resp: 257413
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5



#18
Methyl Acetate
Concen: 21.445 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 43 Resp: 99335
Ion Ratio Lower Upper
43 100
74 26.8 17.3 25.9#

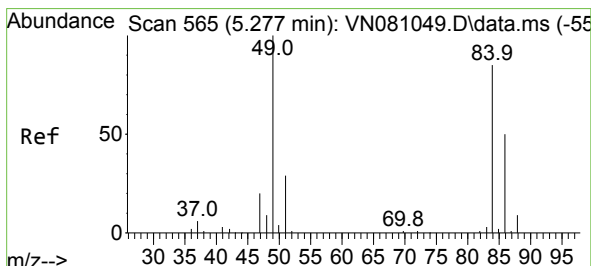
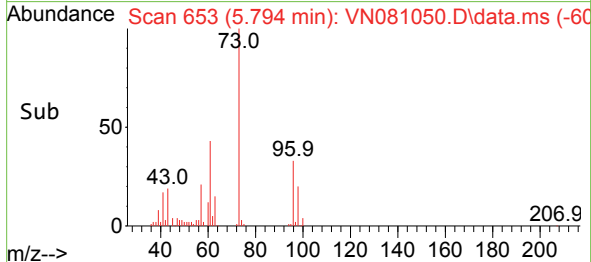
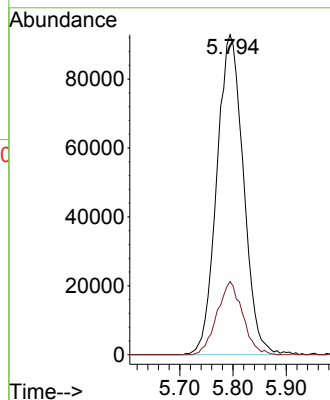
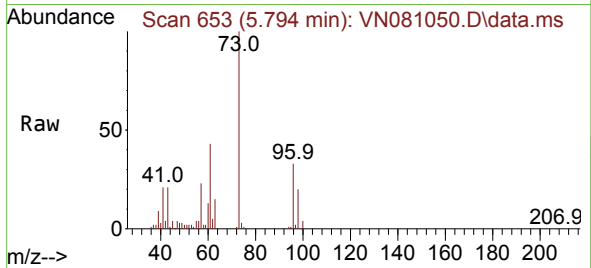




#19
Methyl tert-butyl Ether
Concen: 21.108 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

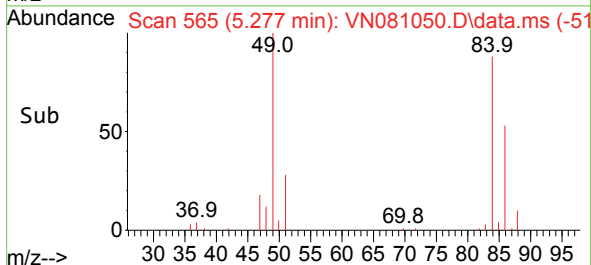
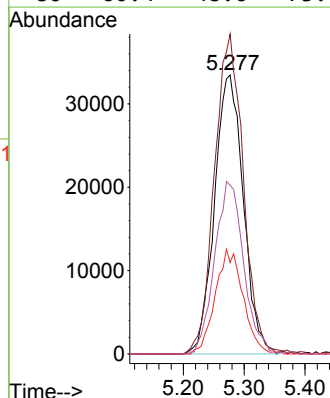
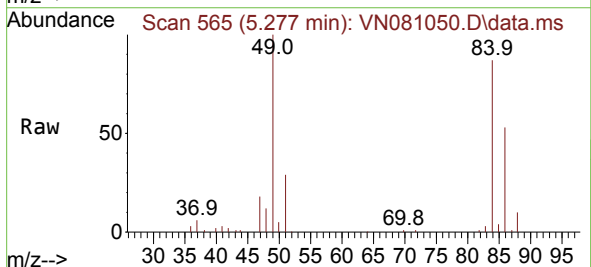
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

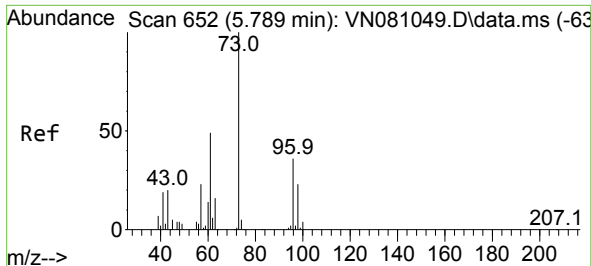
Tgt Ion: 73 Resp: 321878
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 21.845 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 84 Resp: 109880
Ion Ratio Lower Upper
84 100
49 114.8 108.1 162.1
51 32.8 32.9 49.3#
86 60.4 48.6 73.0

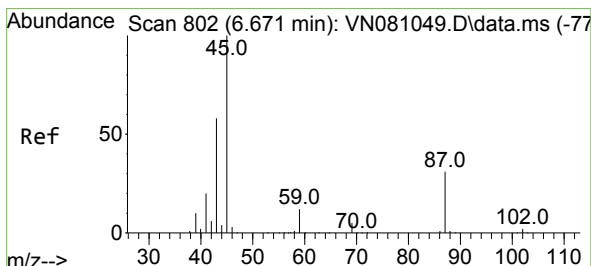
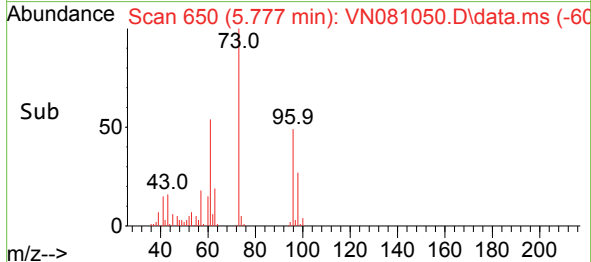
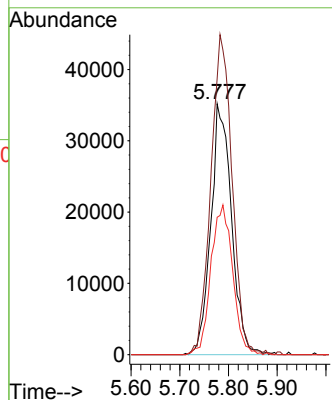
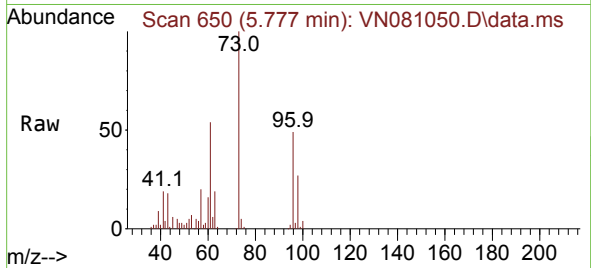




#21
trans-1,2-Dichloroethene
Concen: 20.988 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

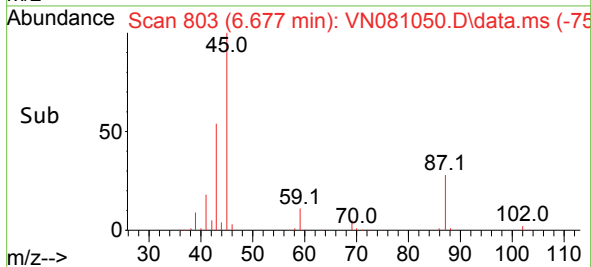
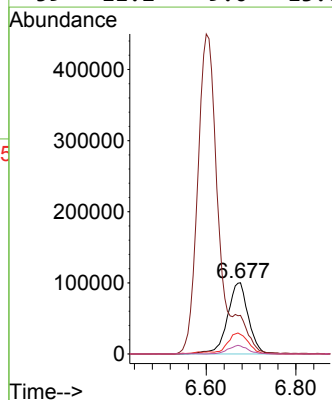
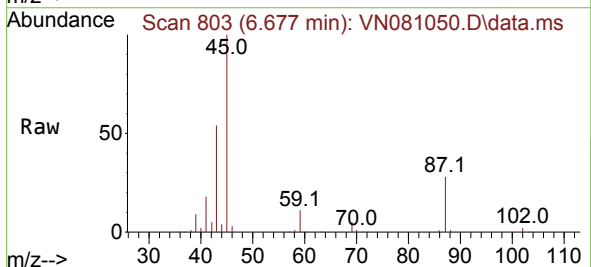
Instrument :
MSVOA_N
ClientSampleId :
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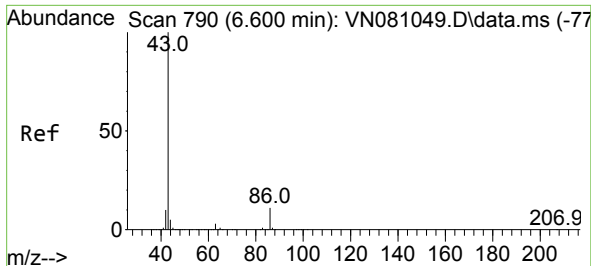
Tgt Ion: 96 Resp: 104255
Ion Ratio Lower Upper
96 100
61 110.1 112.8 169.2#
98 54.8 51.0 76.4



#22
Diisopropyl ether
Concen: 21.588 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 45 Resp: 323509
Ion Ratio Lower Upper
45 100
43 53.3 41.8 62.8
87 27.5 18.1 27.1#
59 11.2 9.0 13.6

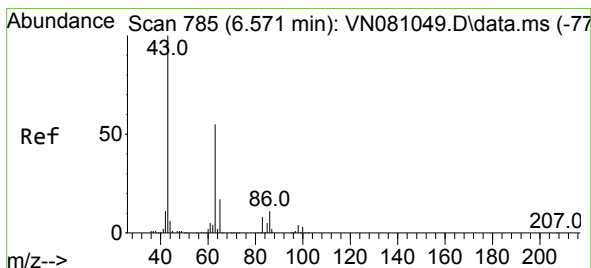
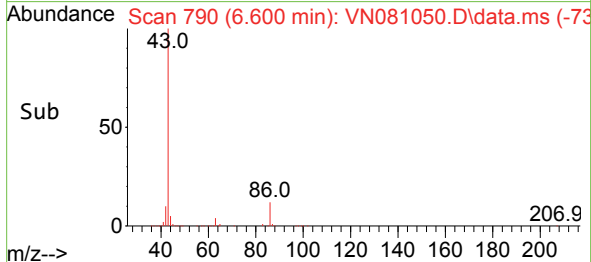
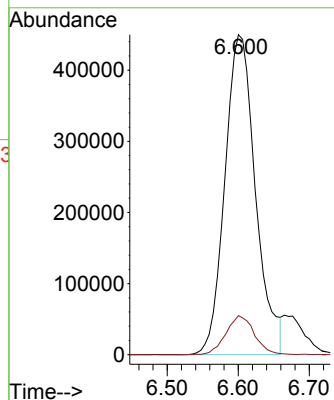
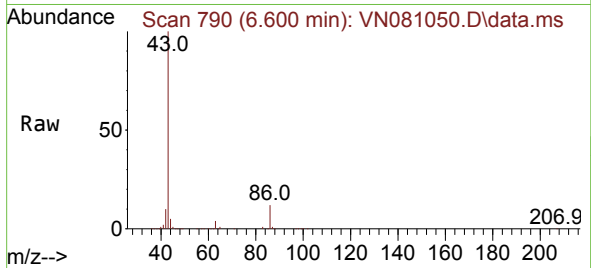




#23
 Vinyl Acetate
 Concen: 110.950 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

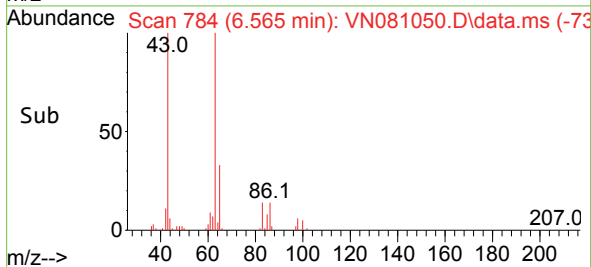
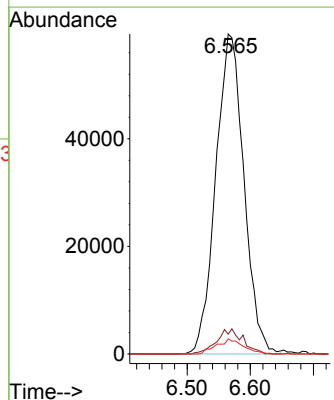
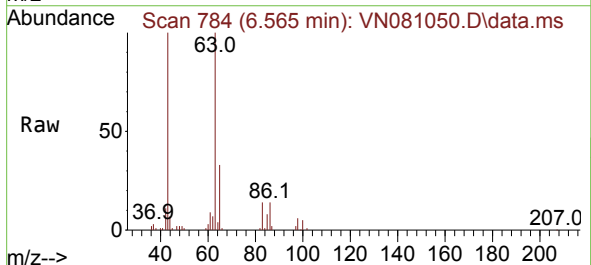
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

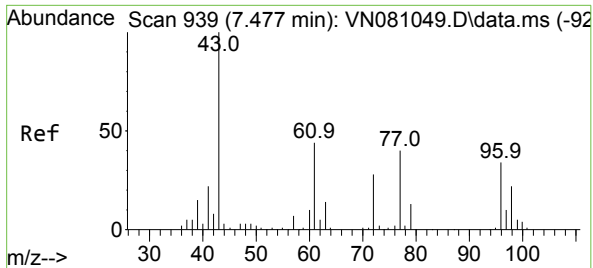
Tgt Ion: 43 Resp: 1348974
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.230 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

Tgt Ion: 63 Resp: 183955
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.6
 100 4.7 1.9 5.7

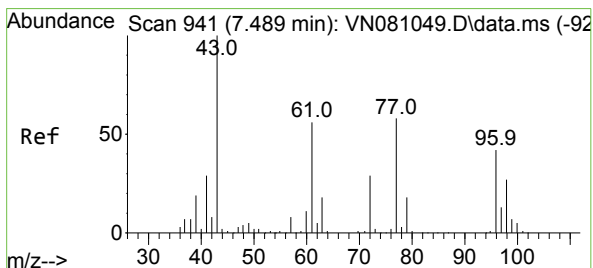
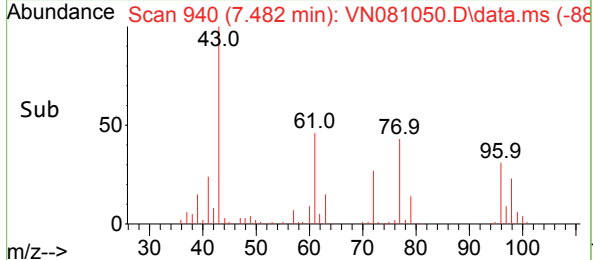
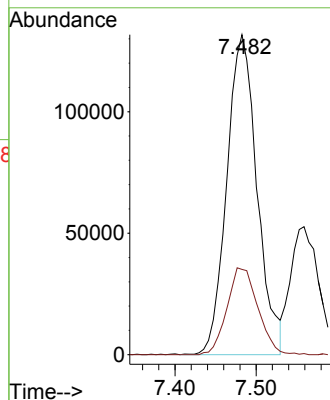
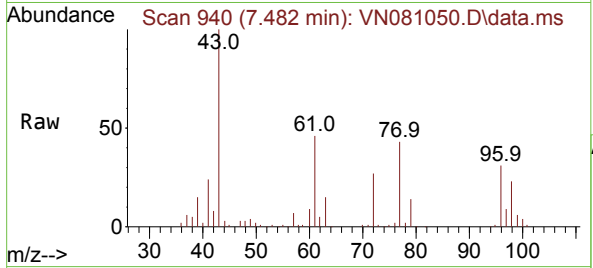




#25
2-Butanone
Concen: 111.280 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

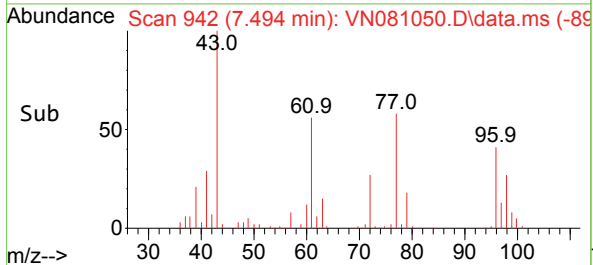
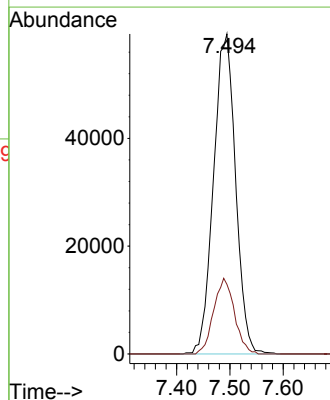
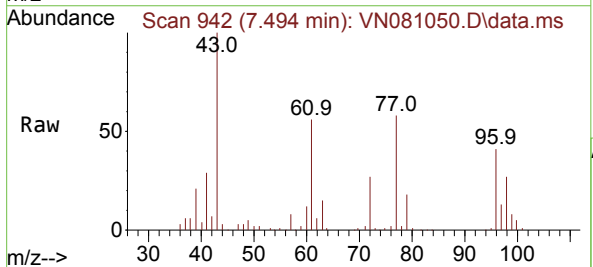
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MSVOA_N
ClientSampleId :
VSTDIC020

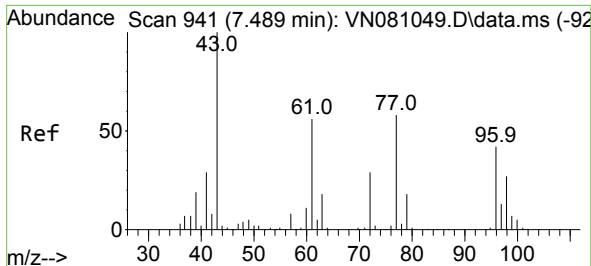
Tgt Ion: 43 Resp: 341361
Ion Ratio Lower Upper
43 100
72 26.7 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.990 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 77 Resp: 170419
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 20.682 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

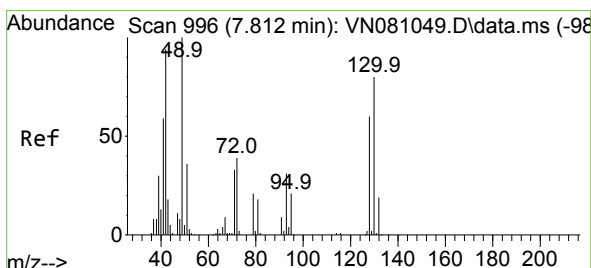
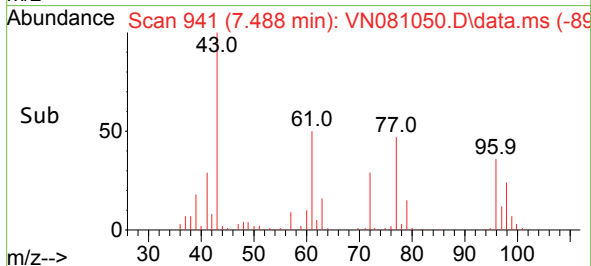
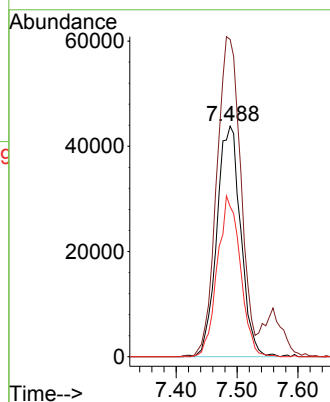
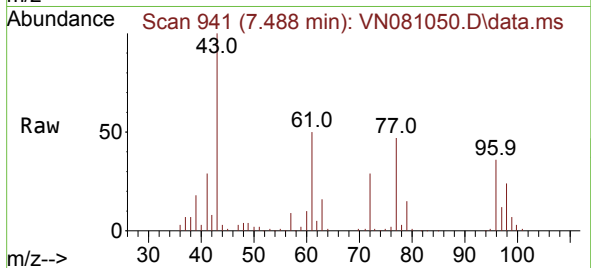
Tgt Ion: 96 Resp: 119365

Ion Ratio Lower Upper

96 100

61 139.5 0.0 325.4

98 67.2 0.0 130.4



#28

Bromochloromethane

Concen: 18.383 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

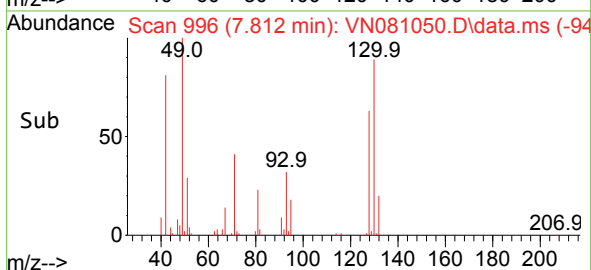
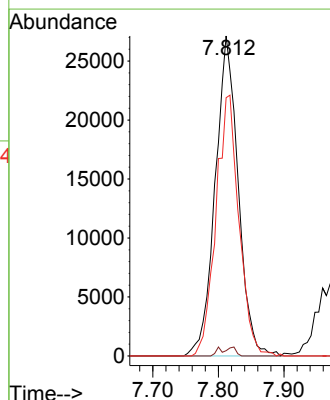
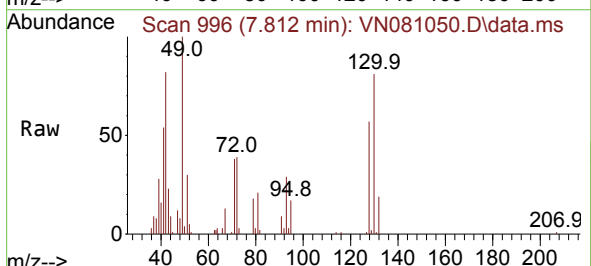
Tgt Ion: 49 Resp: 66036

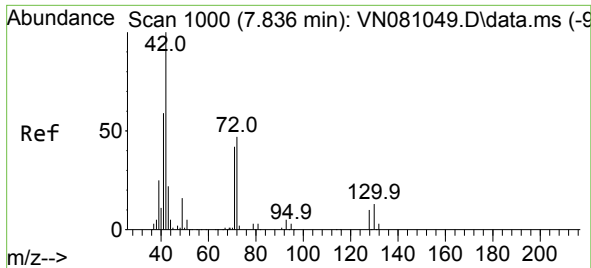
Ion Ratio Lower Upper

49 100

129 1.1 0.0 1.6

130 81.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 106.514 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

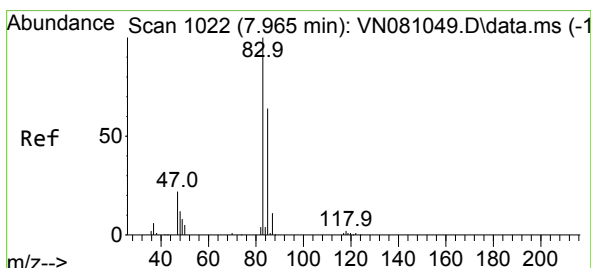
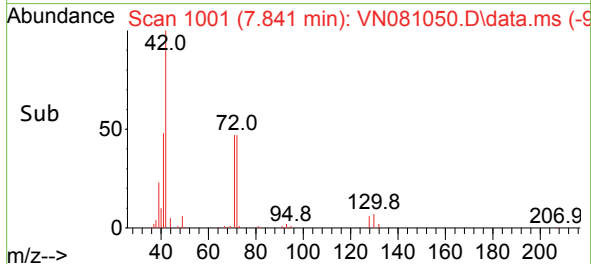
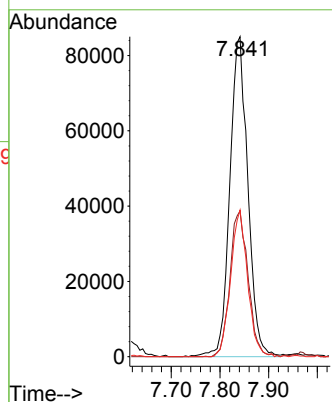
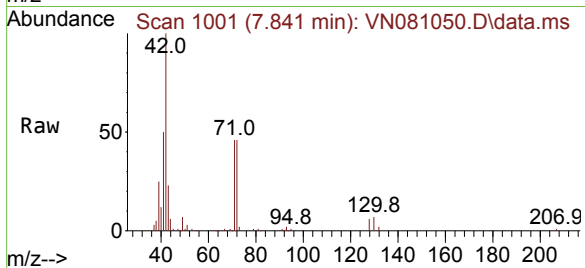
Tgt Ion: 42 Resp: 218115

Ion Ratio Lower Upper

42 100

72 46.0 31.1 46.7

71 43.3 28.3 42.5#



#30

Chloroform

Concen: 20.754 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081050.D

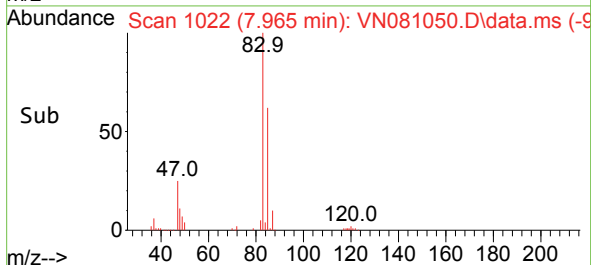
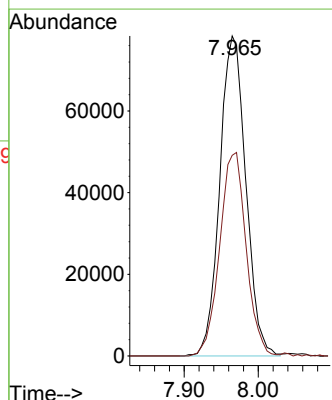
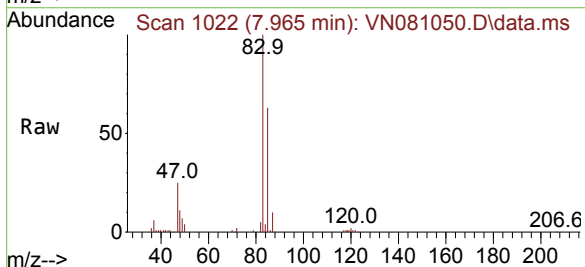
Acq: 16 Feb 2024 12:30

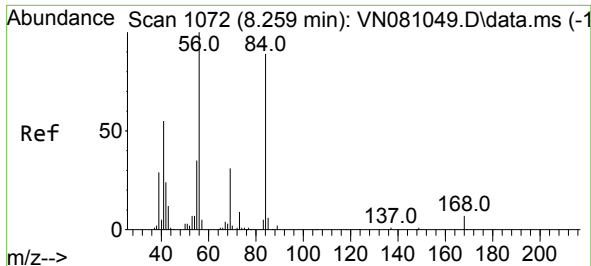
Tgt Ion: 83 Resp: 191175

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.6

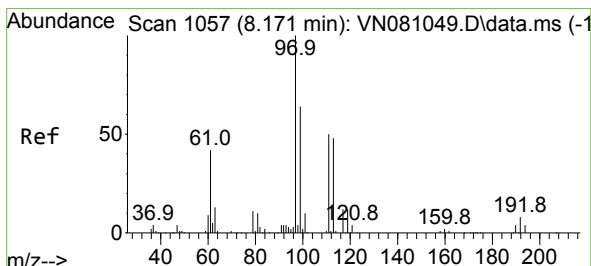
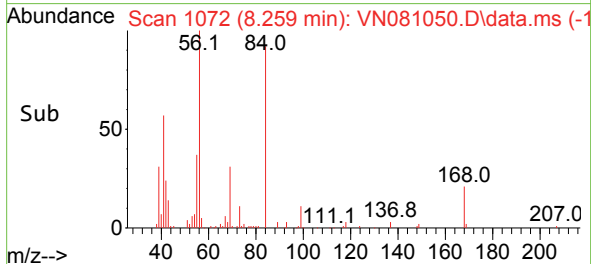
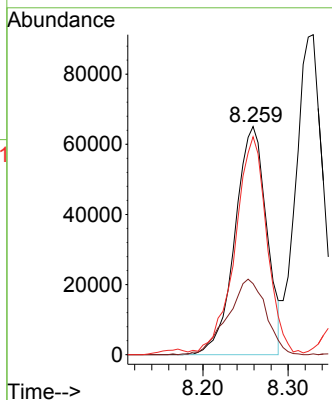
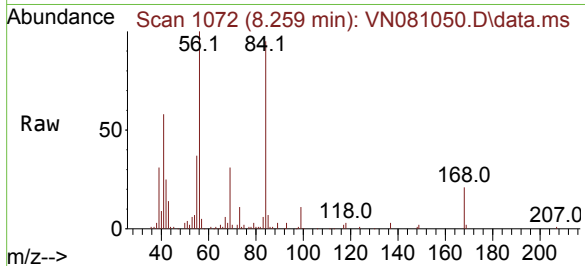




#31
Cyclohexane
Concen: 20.165 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

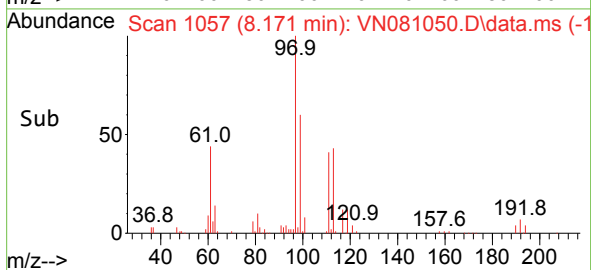
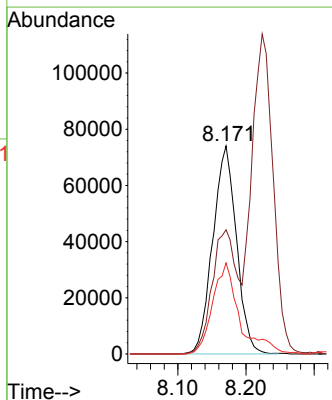
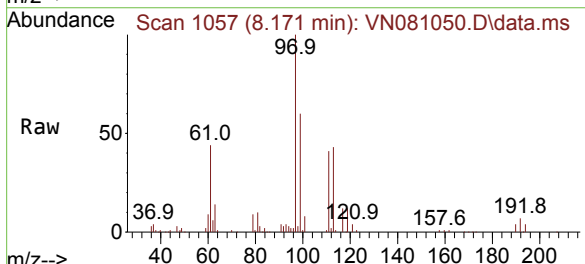
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

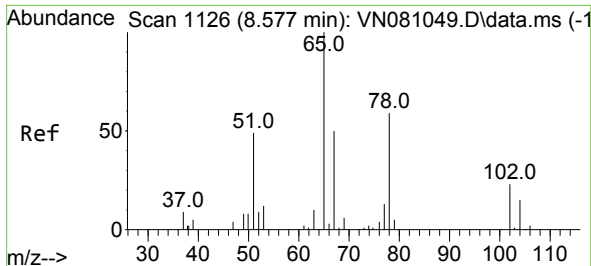
Tgt Ion: 56 Resp: 168026
Ion Ratio Lower Upper
56 100
69 31.1 20.1 30.1#
84 92.6 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 21.335 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 97 Resp: 178985
Ion Ratio Lower Upper
97 100
99 63.5 53.4 80.0
61 49.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 18.500 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

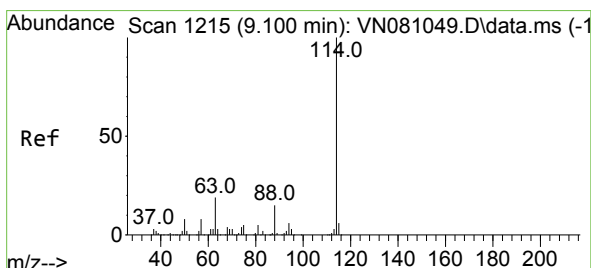
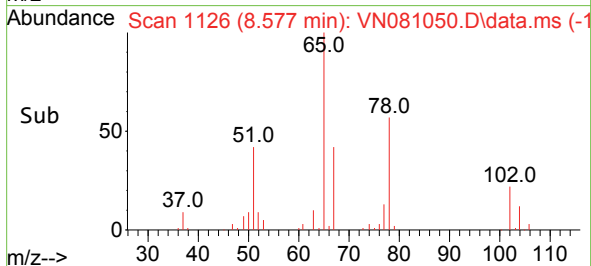
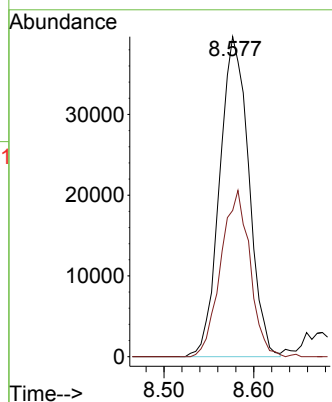
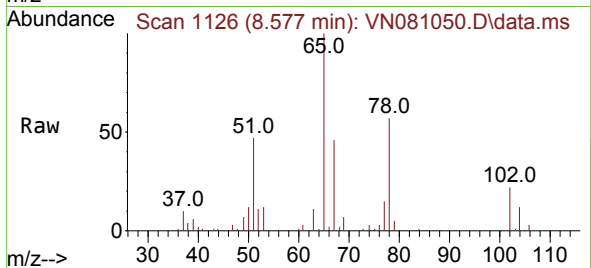
VSTDICC020

Tgt Ion: 65 Resp: 89275

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

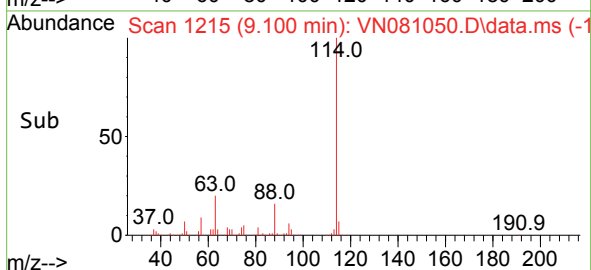
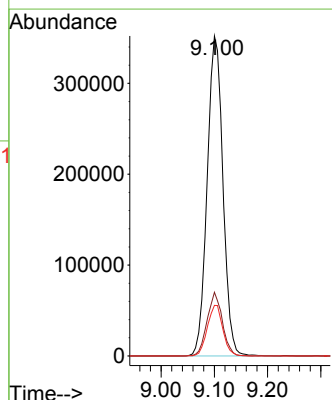
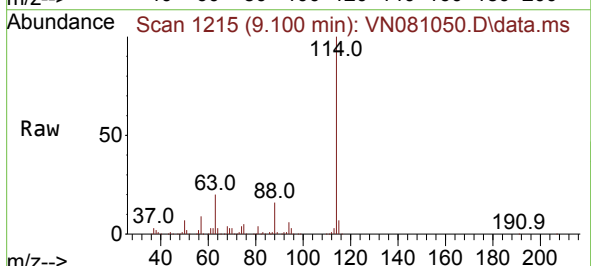
Tgt Ion: 114 Resp: 723682

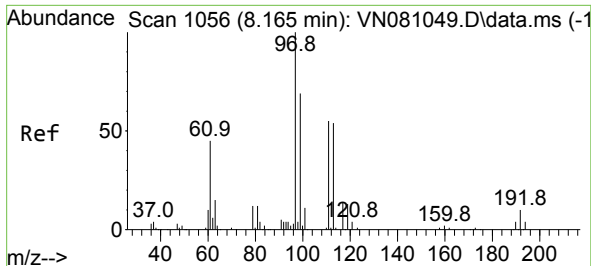
Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.8 0.0 34.8

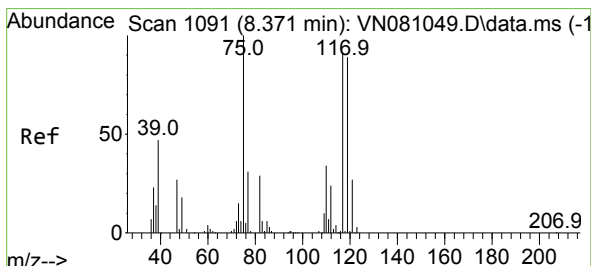
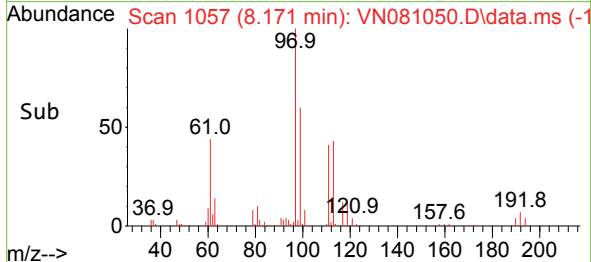
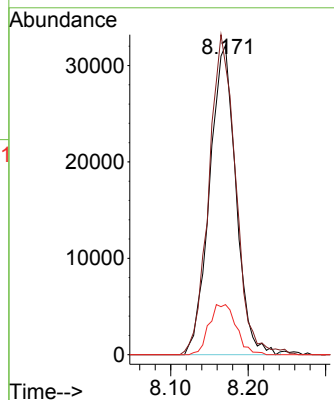
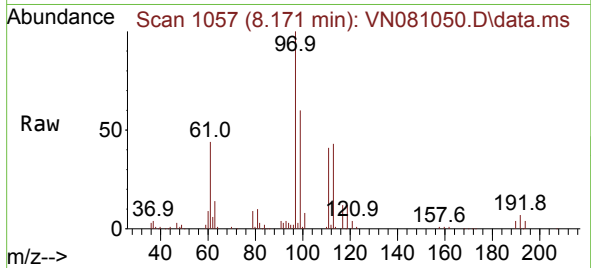




#35
Dibromofluoromethane
Concen: 18.575 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

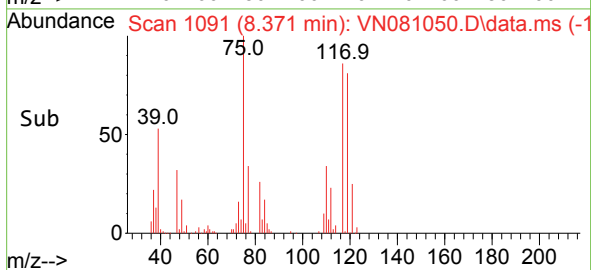
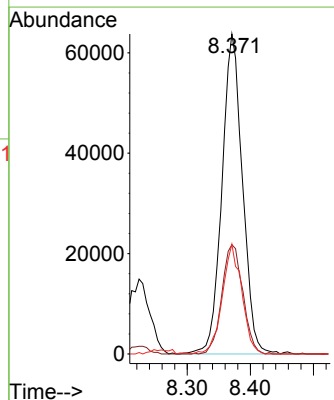
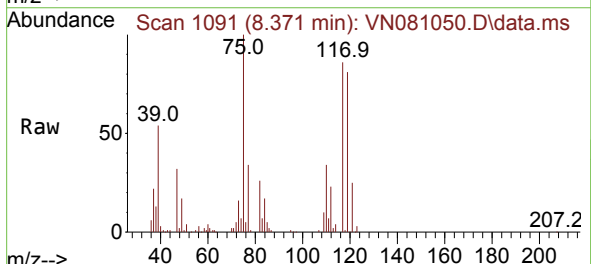
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

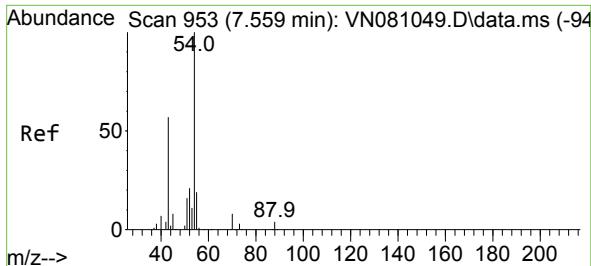
Tgt Ion:113 Resp: 76014
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 16.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 20.566 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 75 Resp: 144184
Ion Ratio Lower Upper
75 100
110 34.9 16.0 48.0
77 32.5 25.8 38.6

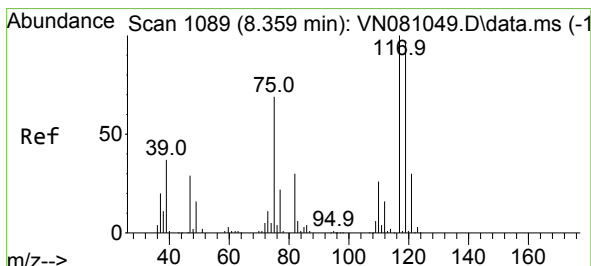
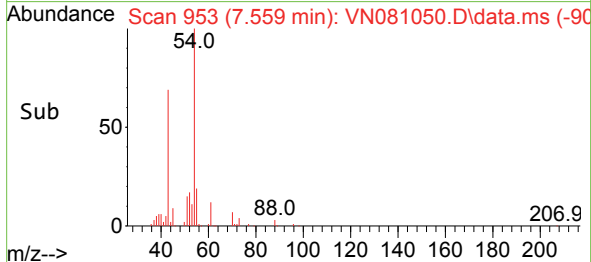
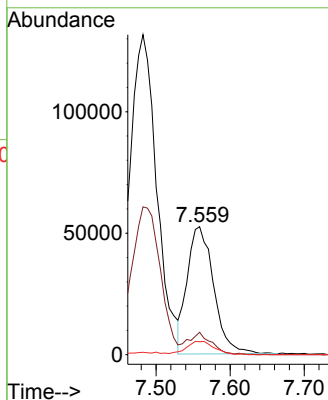
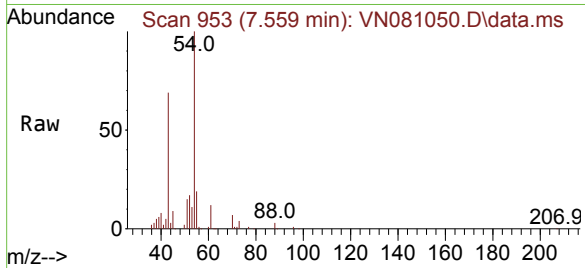




#37
Ethyl Acetate
Concen: 20.514 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

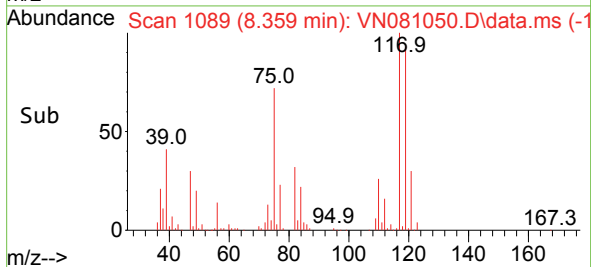
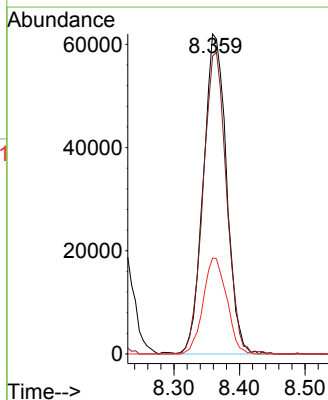
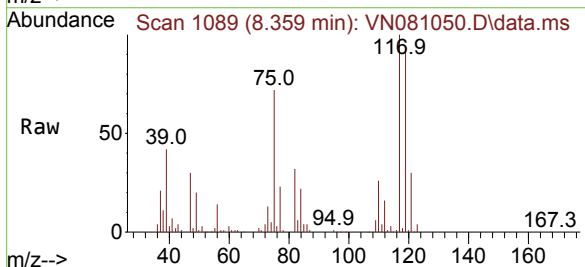
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 129802
Ion Ratio Lower Upper
43 100
61 14.8 10.6 15.8
70 11.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 21.451 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 117 Resp: 152150
Ion Ratio Lower Upper
117 100
119 93.1 73.4 110.2
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 21.379 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

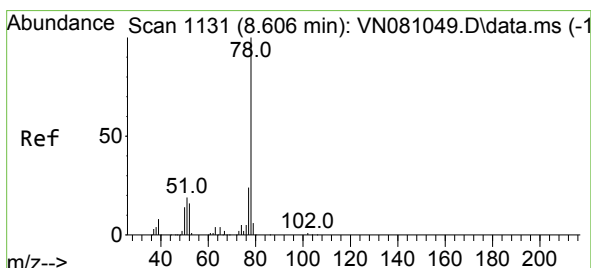
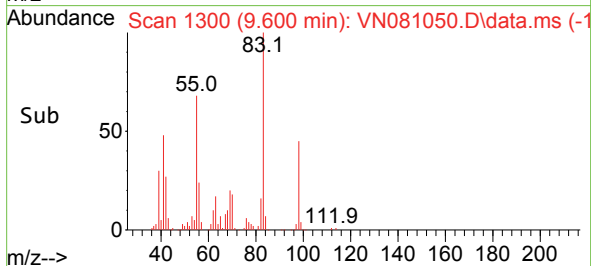
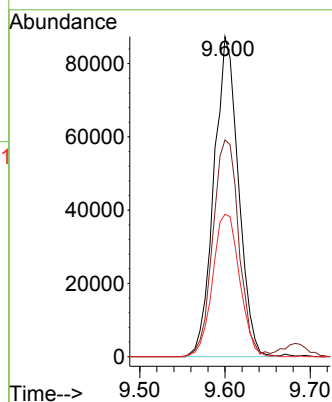
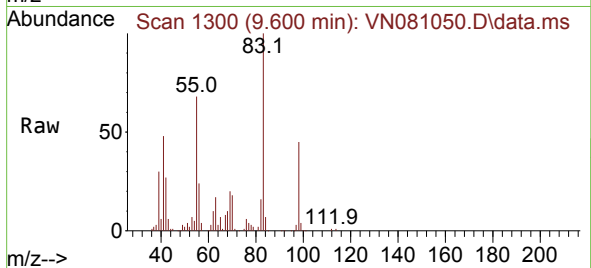
Tgt Ion: 83 Resp: 174725

Ion Ratio Lower Upper

83 100

55 67.7 65.7 98.5

98 44.5 33.8 50.6



#40

Benzene

Concen: 21.358 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081050.D

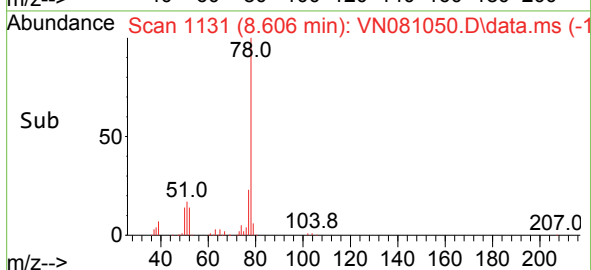
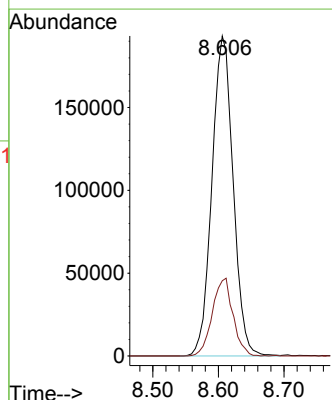
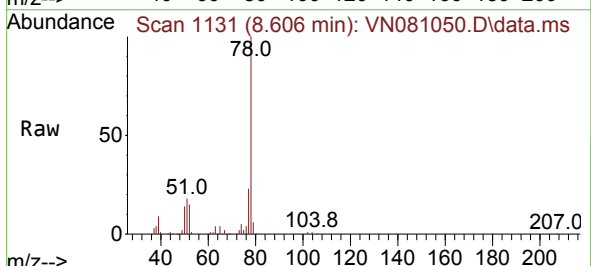
Acq: 16 Feb 2024 12:30

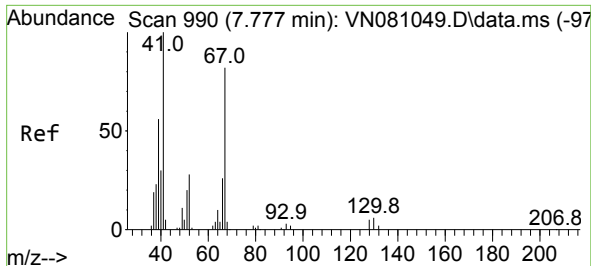
Tgt Ion: 78 Resp: 433422

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

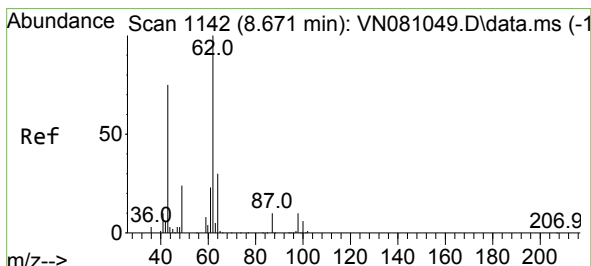
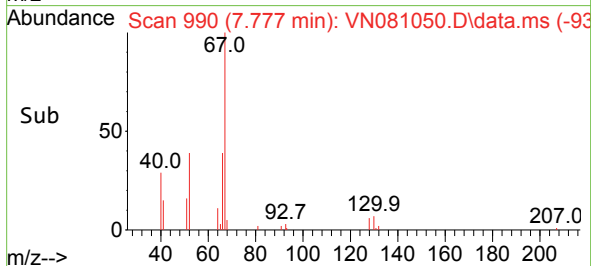
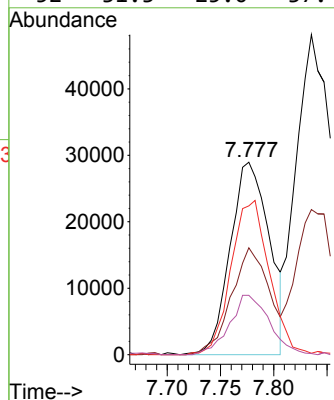
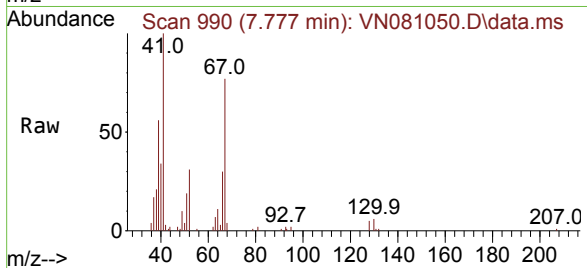




#41
Methacrylonitrile
Concen: 20.554 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

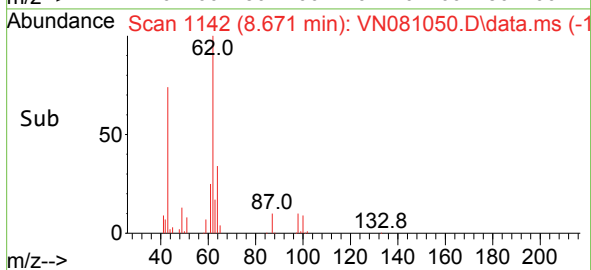
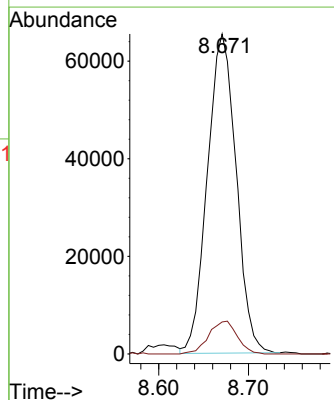
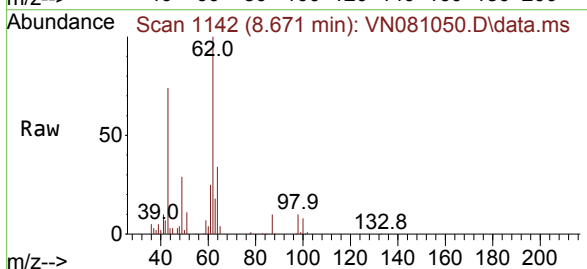
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

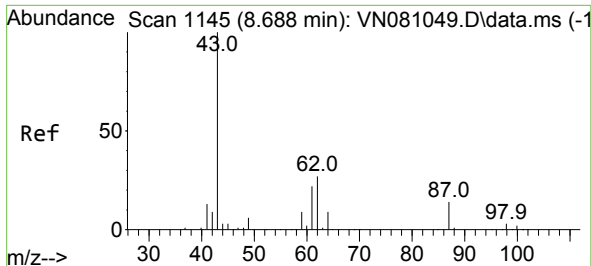
Tgt Ion:	41	Resp:	74014
Ion	Ratio	Lower	Upper
41	100		
39	53.5	48.4	72.6
67	79.0	56.8	85.2
52	31.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.572 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion:	62	Resp:	145649
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0

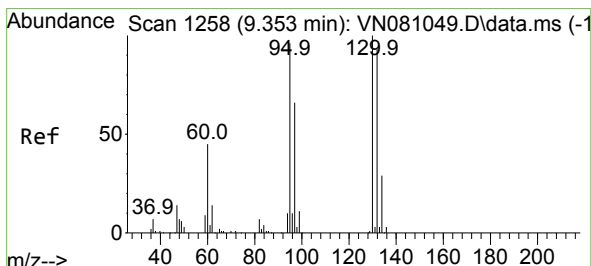
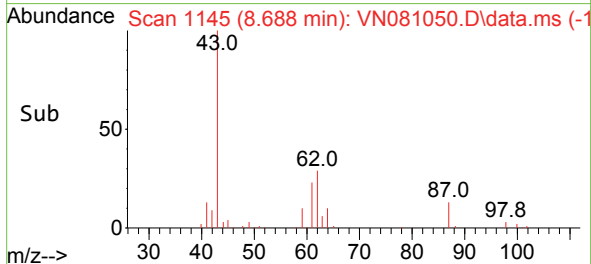
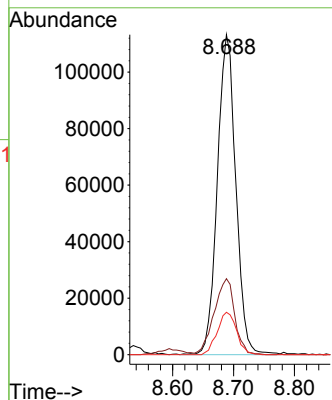
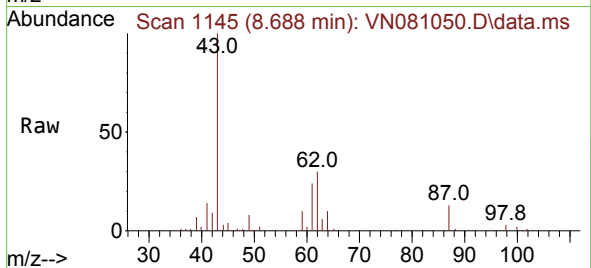




#43
Isopropyl Acetate
Concen: 21.540 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

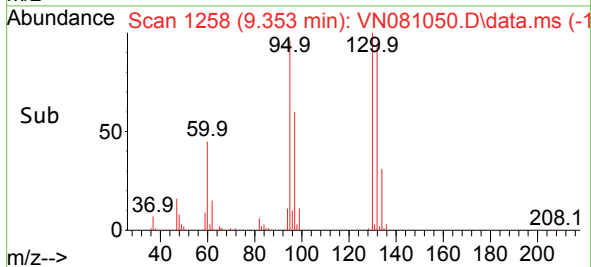
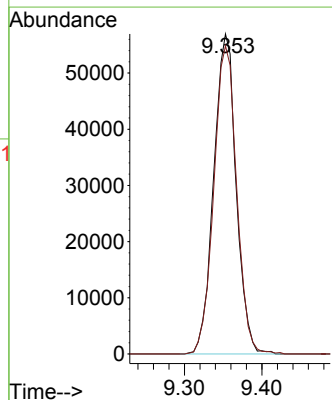
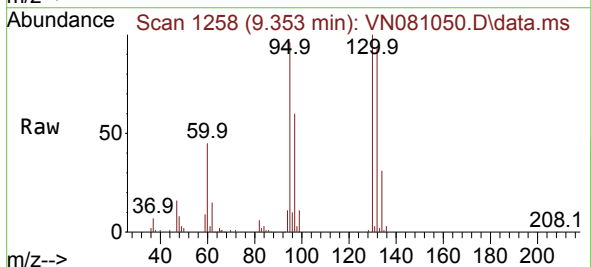
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

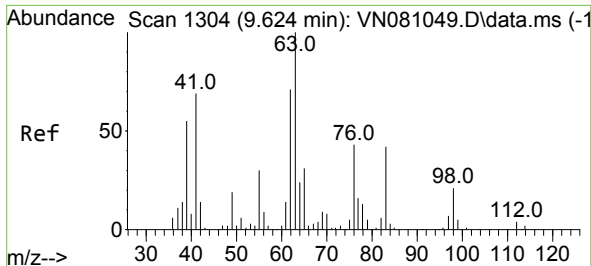
Tgt Ion: 43 Resp: 238364
Ion Ratio Lower Upper
43 100
61 26.5 19.9 29.9
87 13.9 9.0 13.6#



#44
Trichloroethene
Concen: 21.173 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion:130 Resp: 114435
Ion Ratio Lower Upper
130 100
95 96.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.705 ug/l

RT: 9.623 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

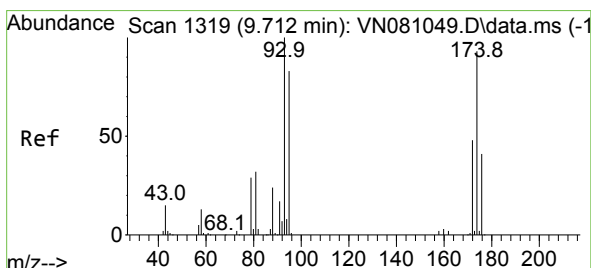
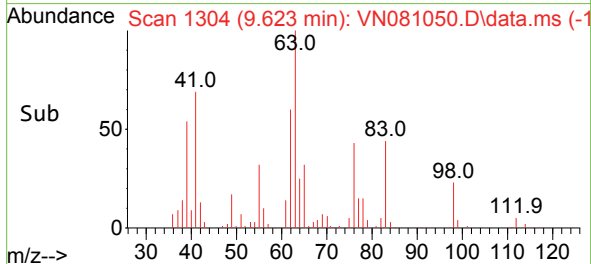
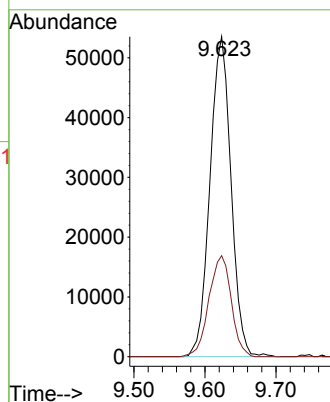
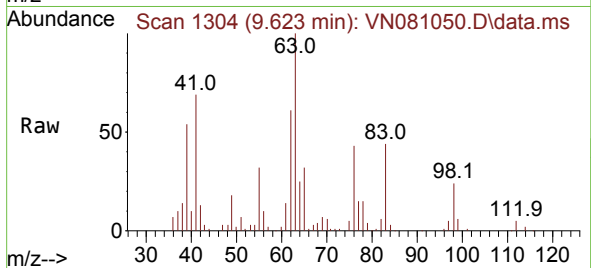
VSTDICC020

Tgt Ion: 63 Resp: 110177

Ion Ratio Lower Upper

63 100

65 31.5 26.1 39.1



#46

Dibromomethane

Concen: 20.615 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

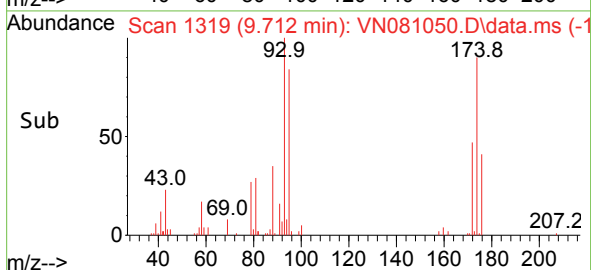
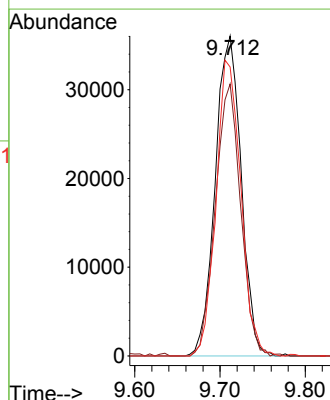
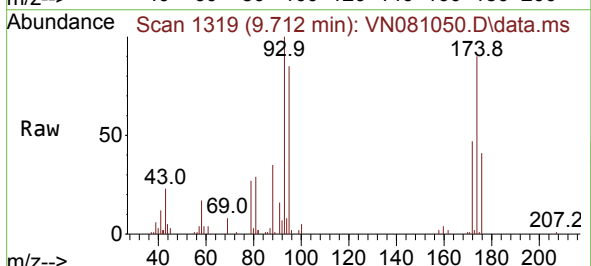
Tgt Ion: 93 Resp: 76246

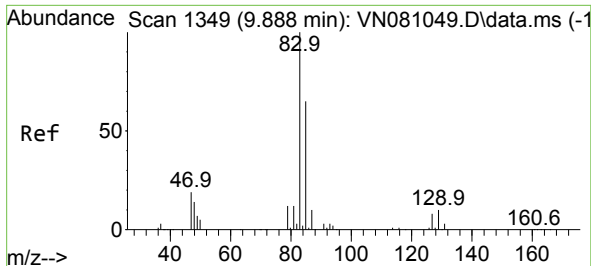
Ion Ratio Lower Upper

93 100

95 82.9 68.1 102.1

174 88.4 57.2 85.8

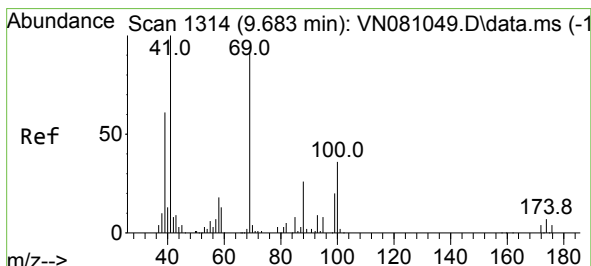
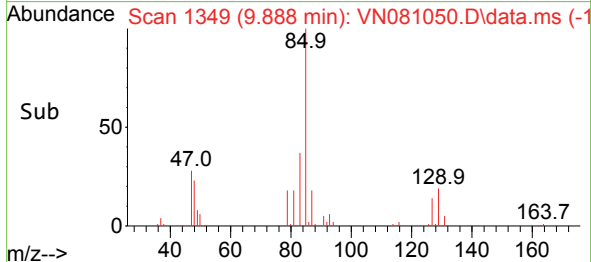
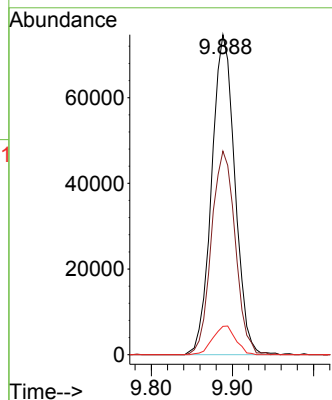
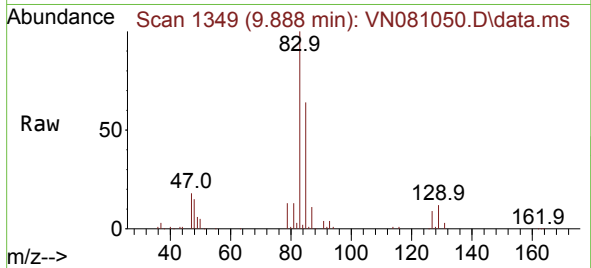




#47
Bromodichloromethane
Concen: 21.165 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

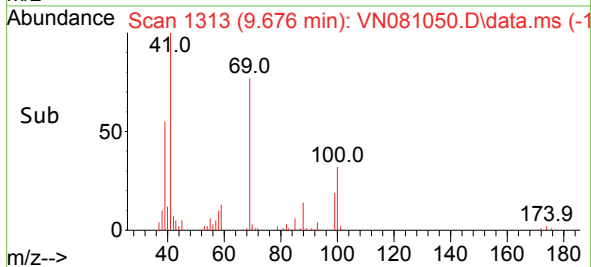
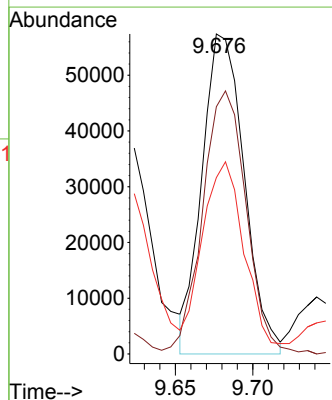
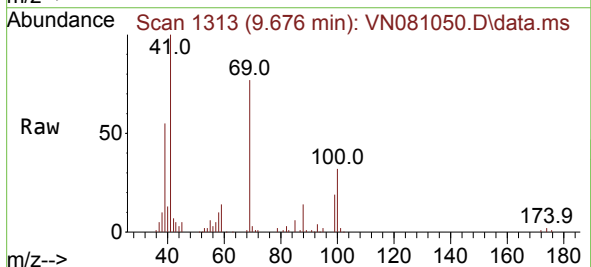
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

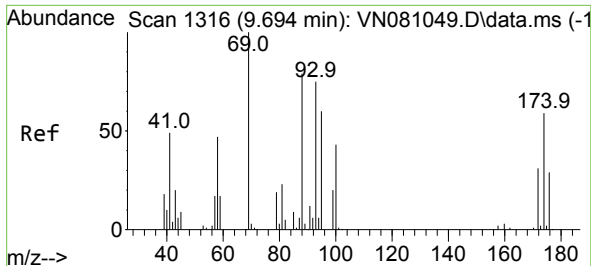
Tgt Ion: 83 Resp: 148259
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5
127 8.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 21.113 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 41 Resp: 108712
Ion Ratio Lower Upper
41 100
69 84.3 62.2 93.2
39 60.7 47.6 71.4





#49

1,4-Dioxane

Concen: 457.296 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

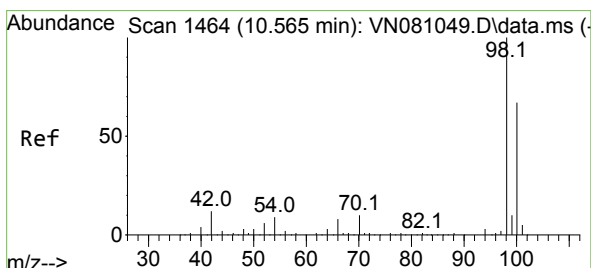
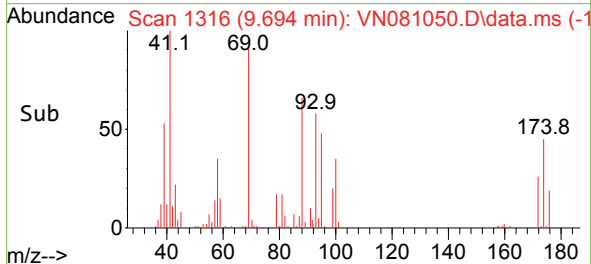
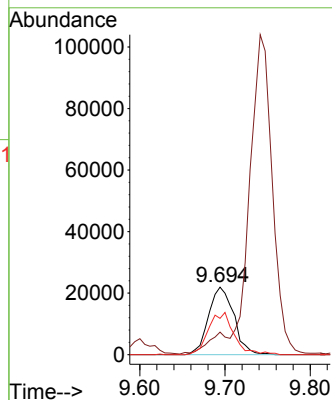
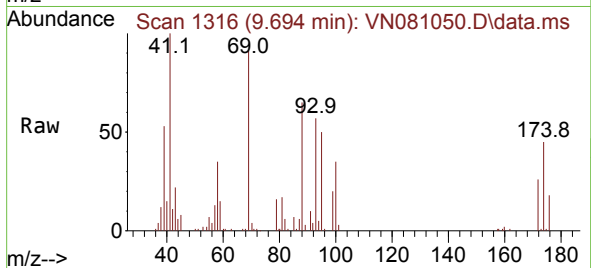
Tgt Ion: 88 Resp: 45384

Ion Ratio Lower Upper

88 100

43 27.2 30.1 45.1#

58 63.2 63.9 95.9#



#50

Toluene-d8

Concen: 17.970 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081050.D

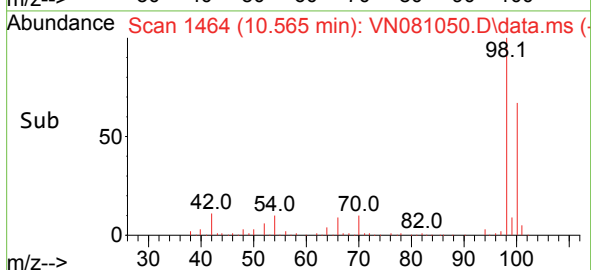
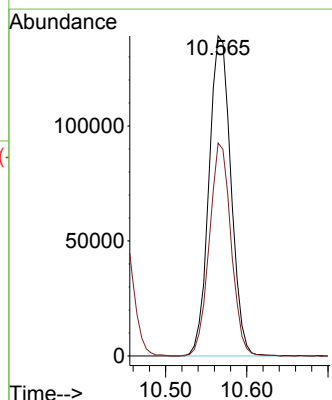
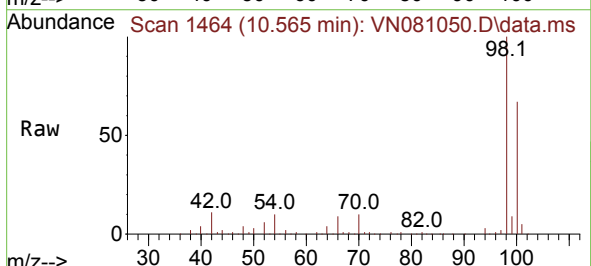
Acq: 16 Feb 2024 12:30

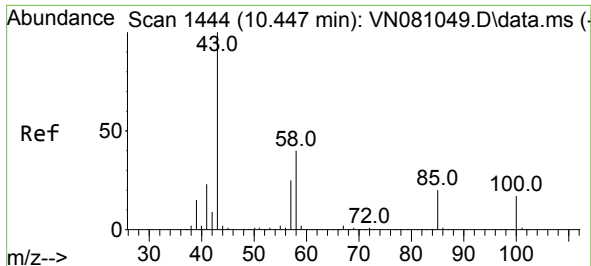
Tgt Ion: 98 Resp: 261180

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 108.447 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

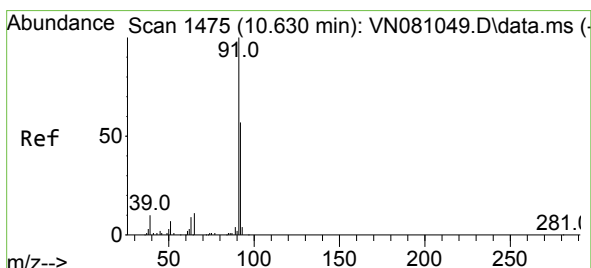
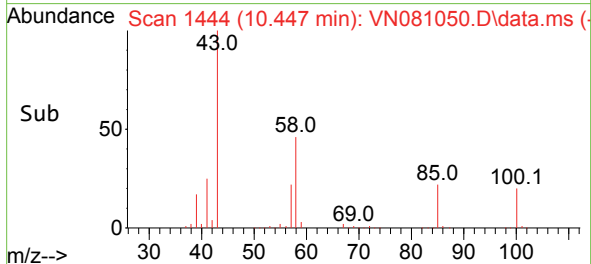
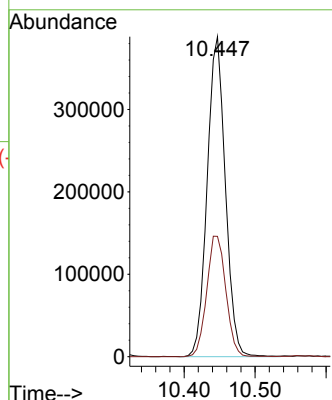
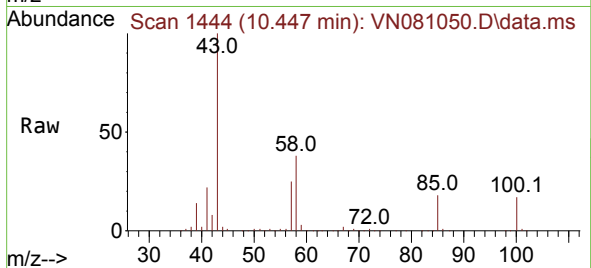
VSTDIC020

Tgt Ion: 43 Resp: 690349

Ion Ratio Lower Upper

43 100

58 39.7 29.4 44.0



#52

Toluene

Concen: 21.250 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081050.D

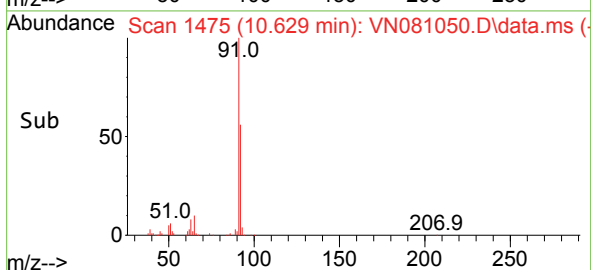
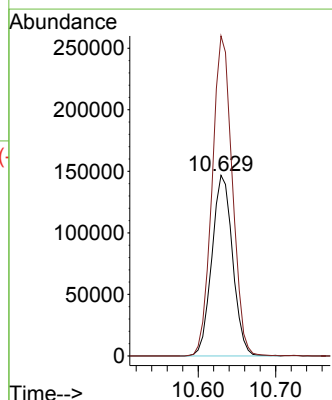
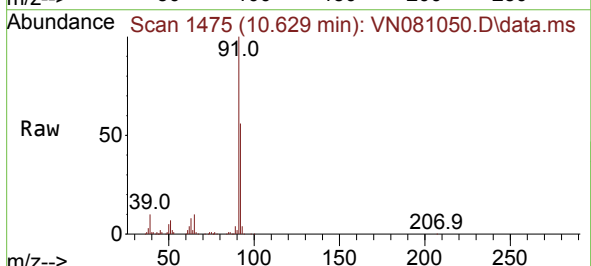
Acq: 16 Feb 2024 12:30

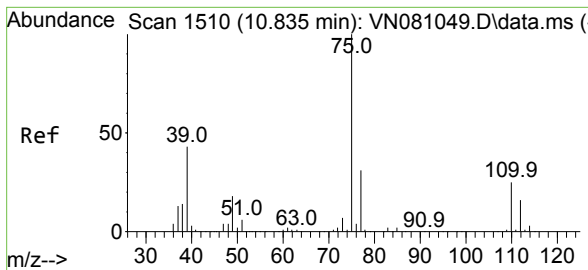
Tgt Ion: 92 Resp: 272995

Ion Ratio Lower Upper

92 100

91 172.8 139.4 209.0

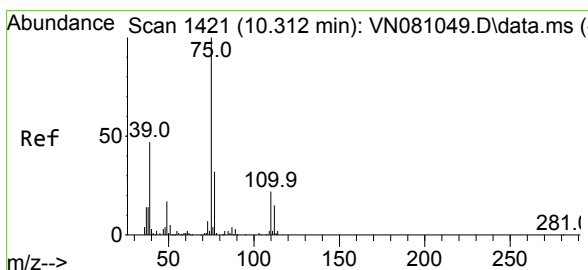
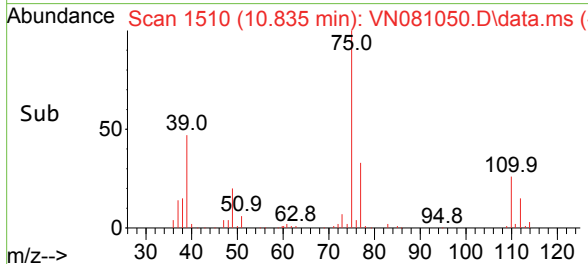
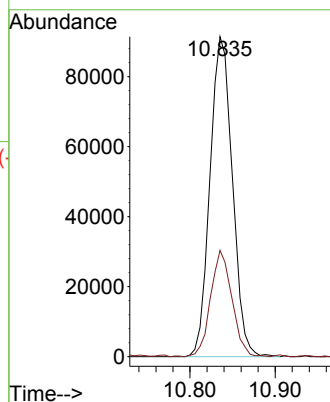
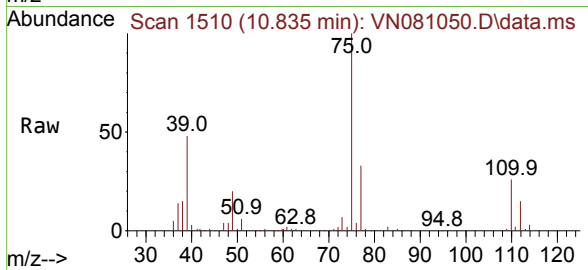




#53
 t-1,3-Dichloropropene
 Concen: 21.481 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

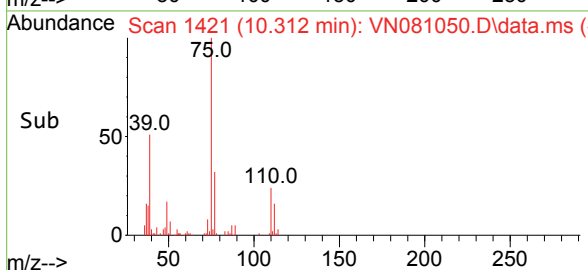
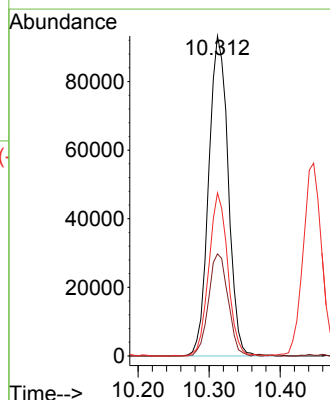
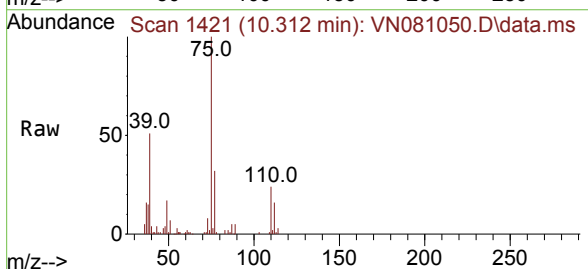
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

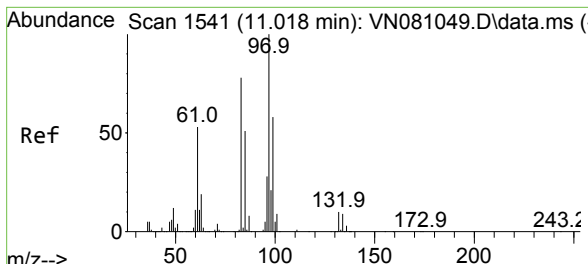
Tgt Ion: 75 Resp: 167215
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 21.118 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

Tgt Ion: 75 Resp: 177610
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.3 34.9
 39 51.0 44.6 66.8



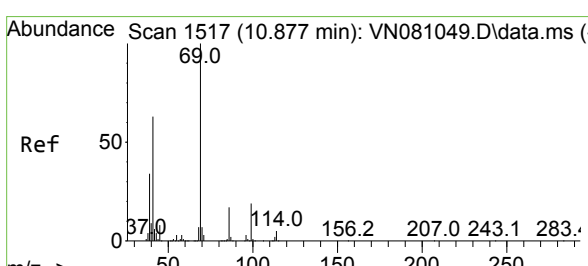
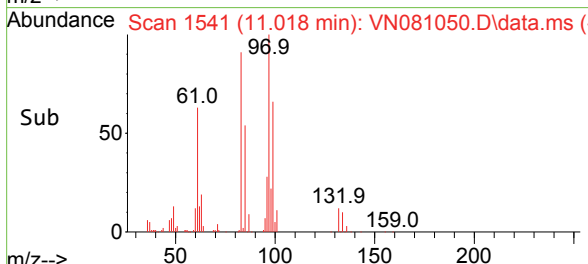
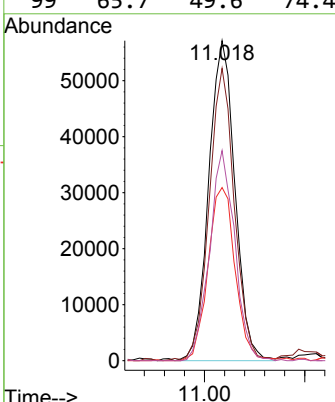
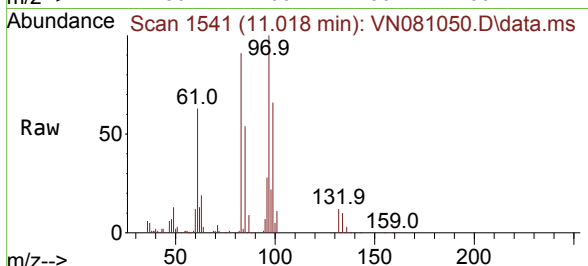


#55
 1,1,2-Trichloroethane
 Concen: 20.976 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

Instrument : MSVOA_N
 ClientSampleId : VSTDIC020

Tgt Ion: 97 Resp: 103645

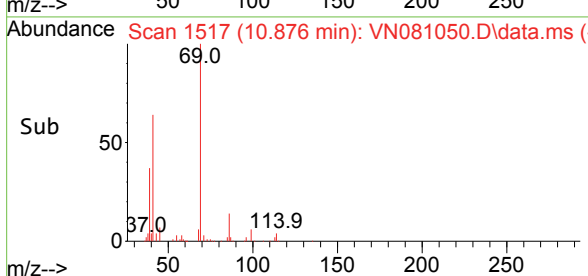
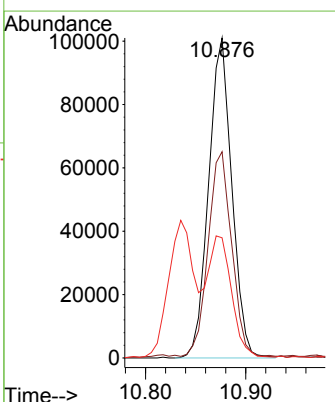
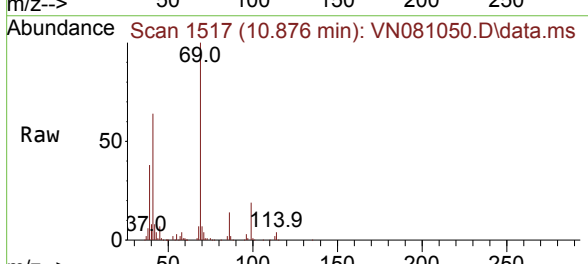
Ion	Ratio	Lower	Upper
97	100		
83	90.8	72.9	109.3
85	54.1	50.2	75.2
99	65.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 21.452 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

Tgt Ion: 69 Resp: 161999

Ion	Ratio	Lower	Upper
69	100		
41	64.7	61.0	91.6
39	40.1	31.8	47.6





#57

1,3-Dichloropropane

Concen: 21.519 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

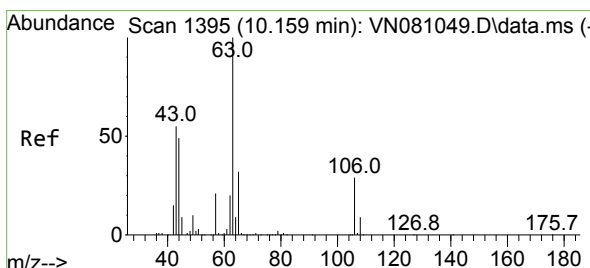
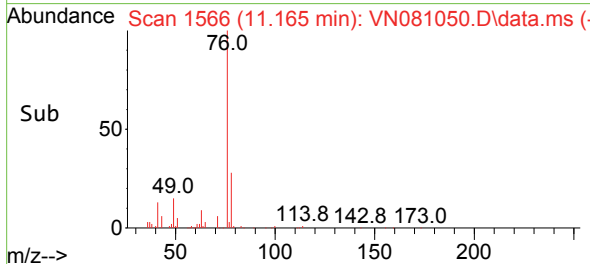
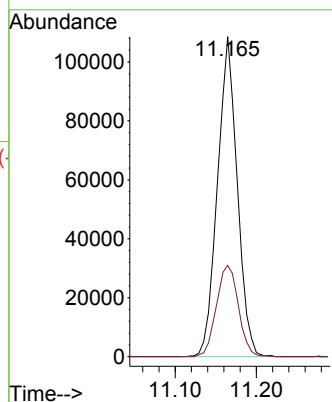
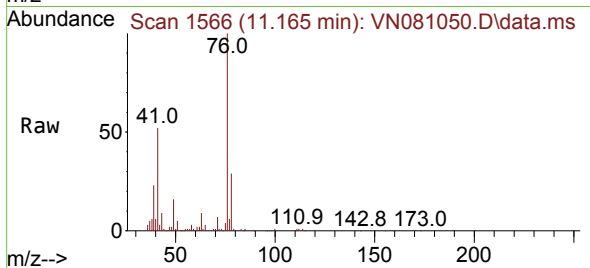
VSTDICC020

Tgt Ion: 76 Resp: 183846

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 100.492 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081050.D

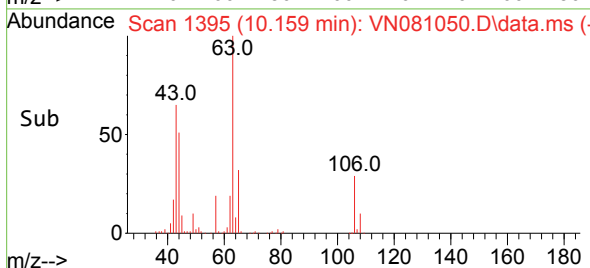
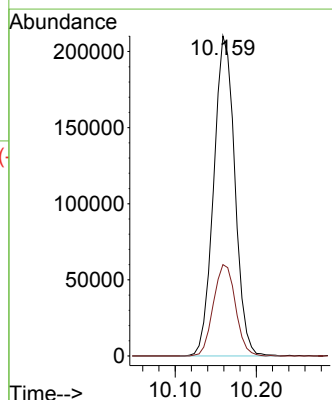
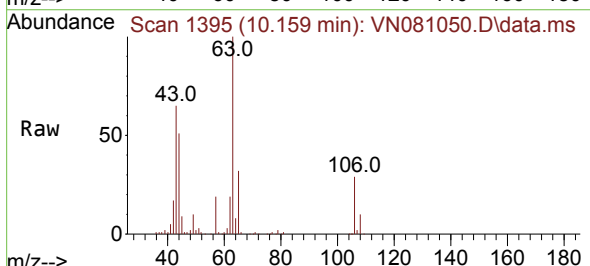
Acq: 16 Feb 2024 12:30

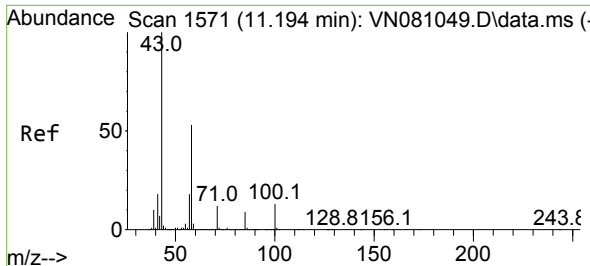
Tgt Ion: 63 Resp: 380763

Ion Ratio Lower Upper

63 100

106 29.8 18.6 28.0#

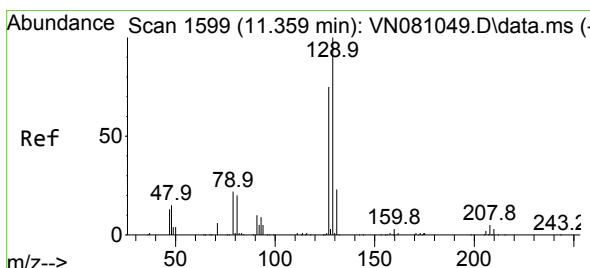
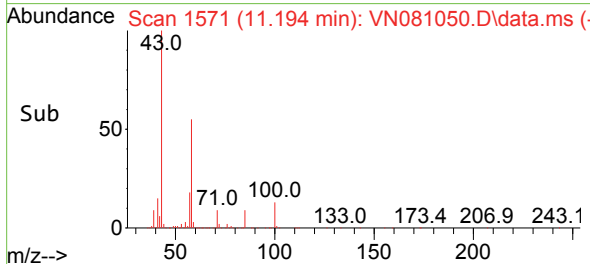
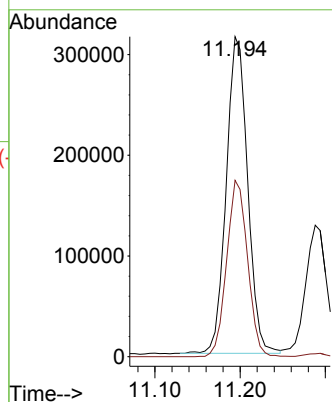
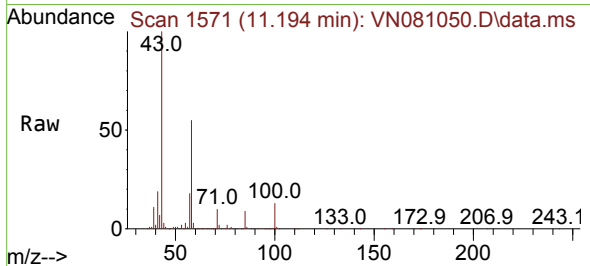




#59
2-Hexanone
Concen: 108.766 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

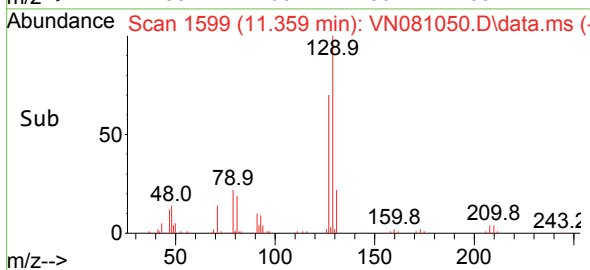
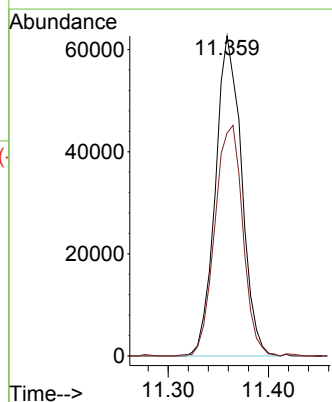
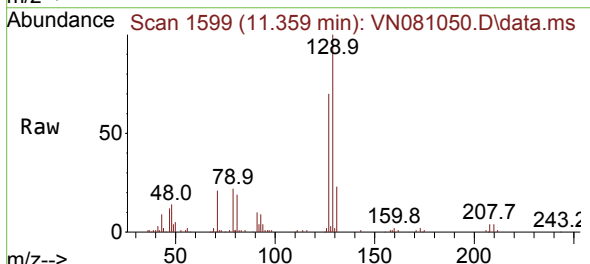
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

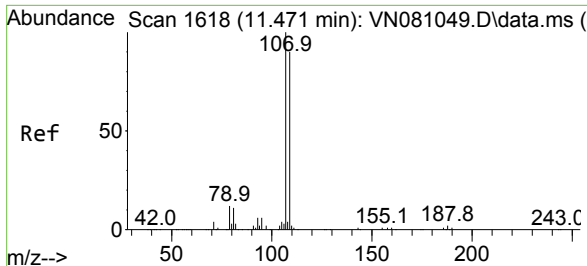
Tgt Ion: 43 Resp: 548921
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8



#60
Dibromochloromethane
Concen: 21.563 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 129 Resp: 113186
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.2

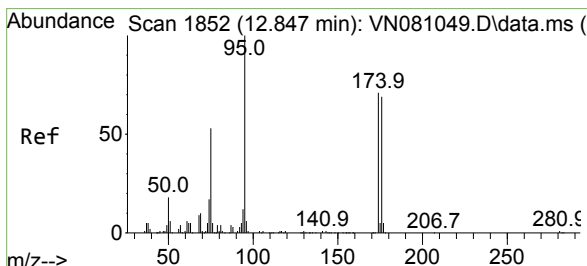
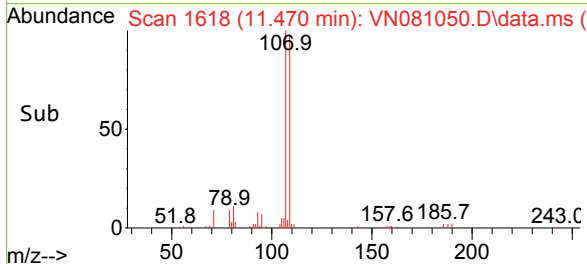
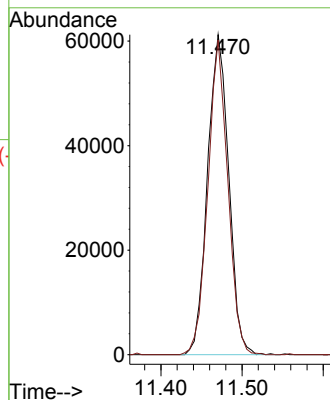
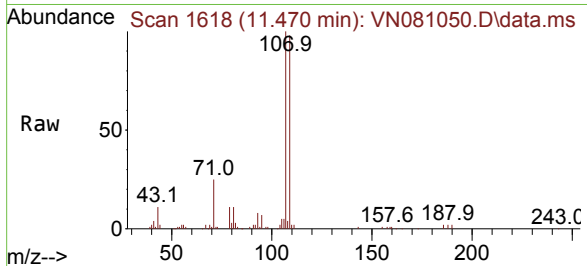




#61
1,2-Dibromoethane
Concen: 21.370 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

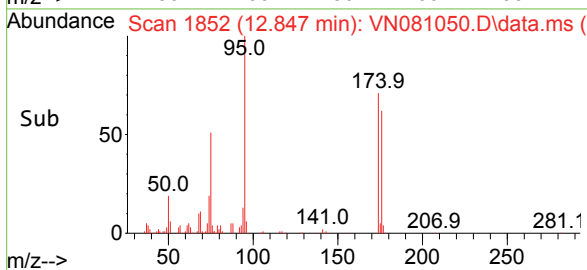
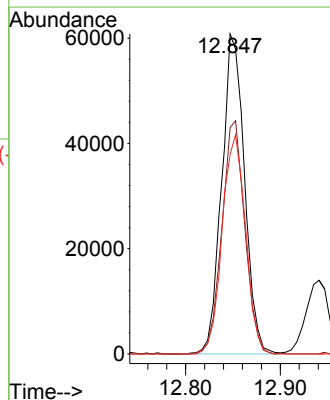
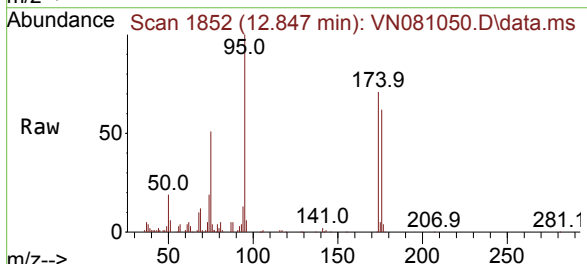
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

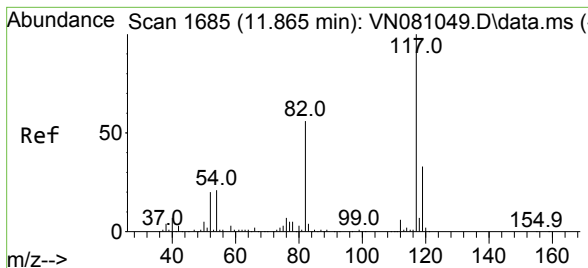
Tgt Ion:107 Resp: 111037
Ion Ratio Lower Upper
107 100
109 92.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 18.614 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 95 Resp: 101657
Ion Ratio Lower Upper
95 100
174 73.3 0.0 120.4
176 70.1 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

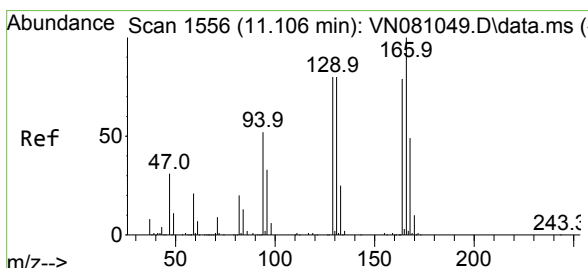
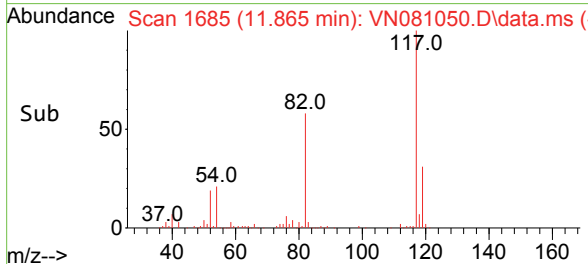
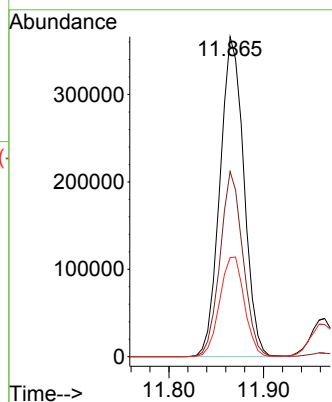
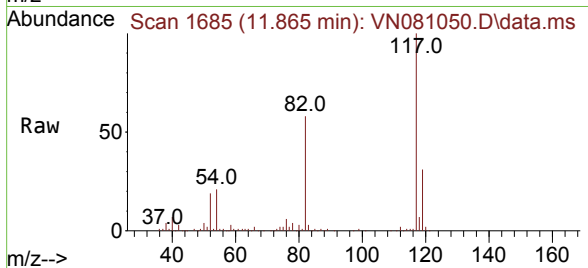
Tgt Ion:117 Resp: 641488

Ion Ratio Lower Upper

117 100

82 57.8 52.7 79.1

119 30.9 25.3 37.9



#64

Tetrachloroethene

Concen: 20.562 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Tgt Ion:164 Resp: 90026

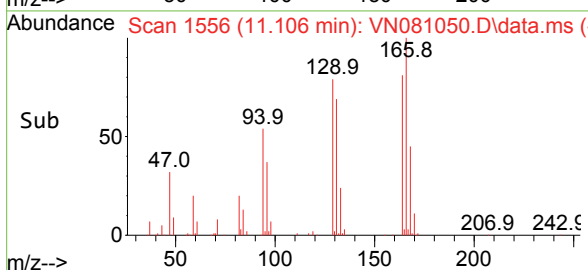
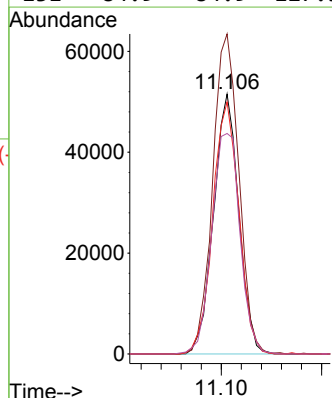
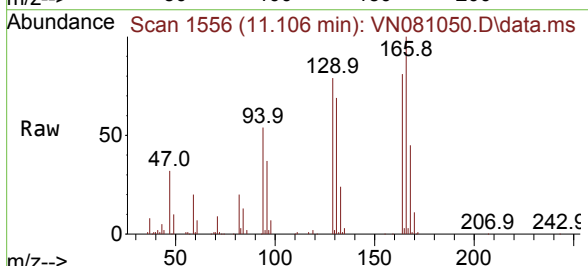
Ion Ratio Lower Upper

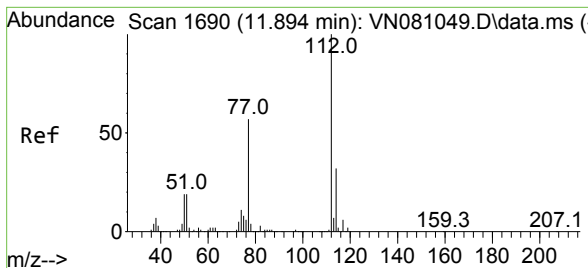
164 100

166 123.2 105.8 158.6

129 97.0 89.6 134.4

131 84.9 84.9 127.3

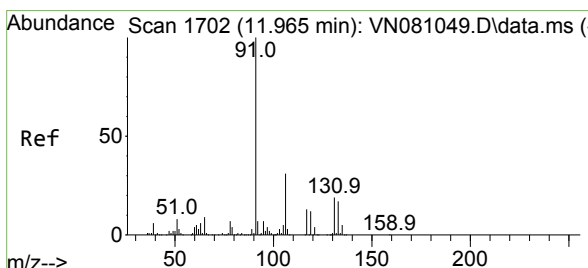
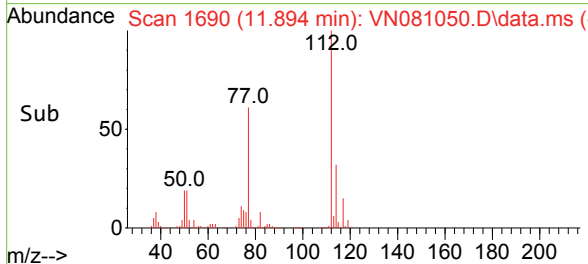
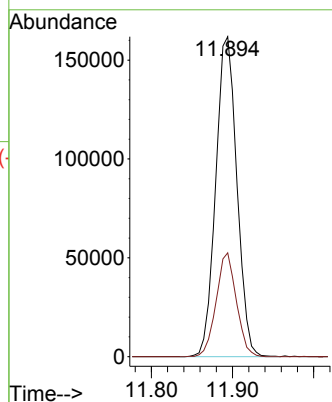
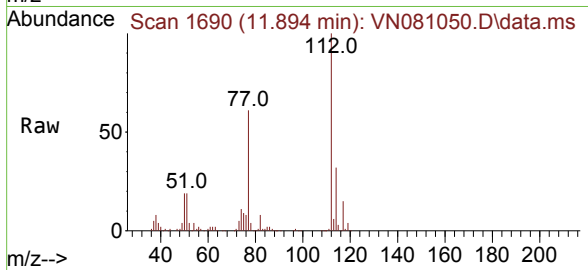




#65
Chlorobenzene
Concen: 21.105 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

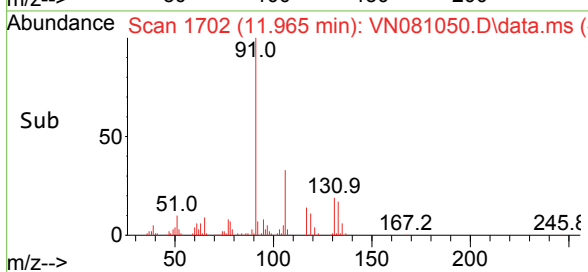
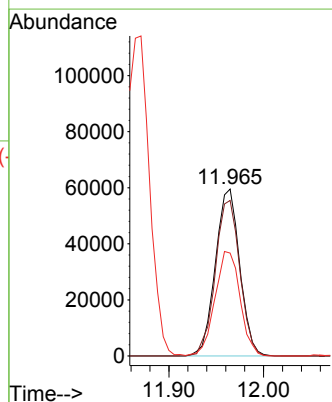
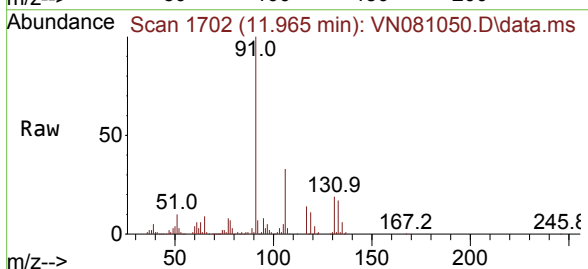
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

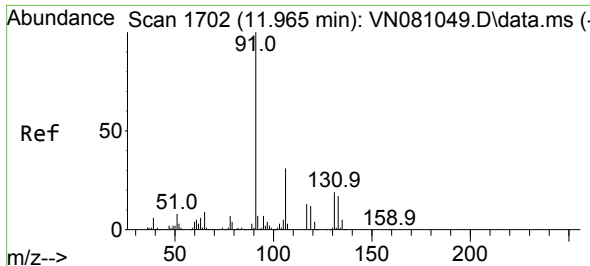
Tgt Ion:112 Resp: 293019
Ion Ratio Lower Upper
112 100
114 32.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.320 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion:131 Resp: 106315
Ion Ratio Lower Upper
131 100
133 94.1 46.8 140.3
119 64.6 34.6 103.9

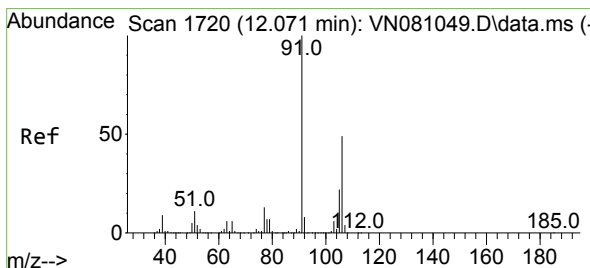
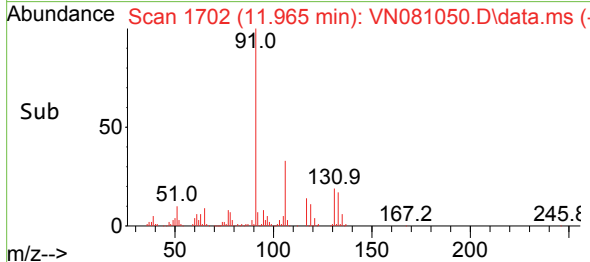
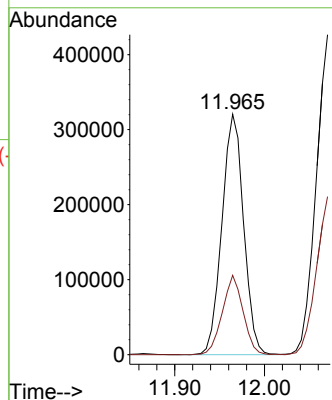
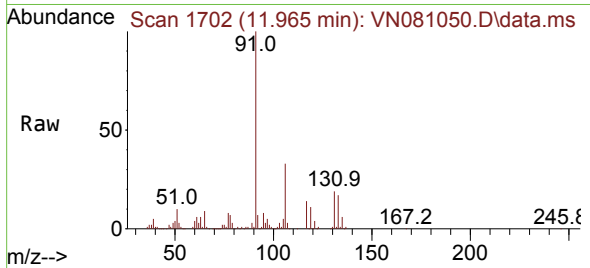




#67
Ethyl Benzene
Concen: 21.625 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

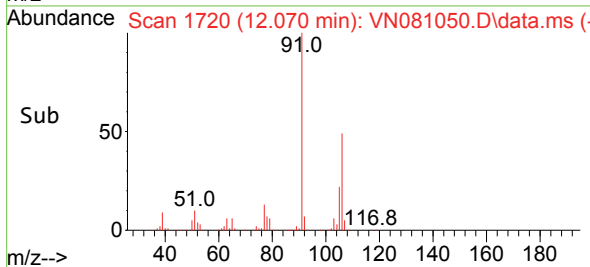
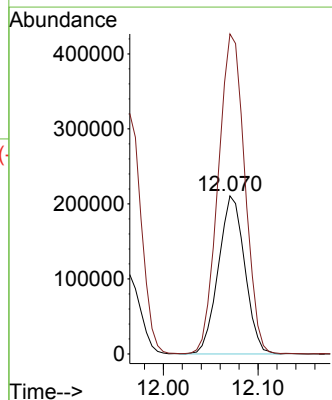
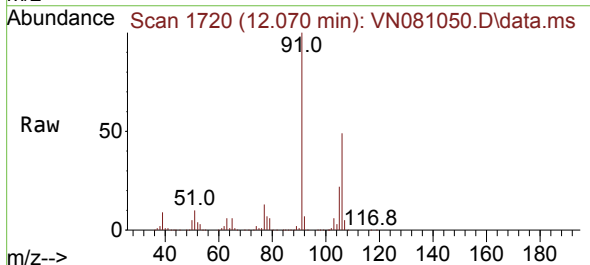
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

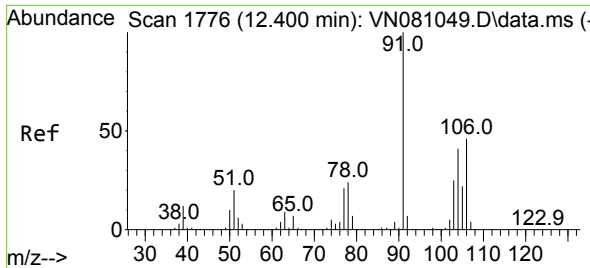
Tgt Ion: 91 Resp: 537245
Ion Ratio Lower Upper
91 100
106 33.0 23.8 35.6



#68
m/p-Xylenes
Concen: 42.919 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 106 Resp: 408699
Ion Ratio Lower Upper
106 100
91 204.3 169.0 253.6

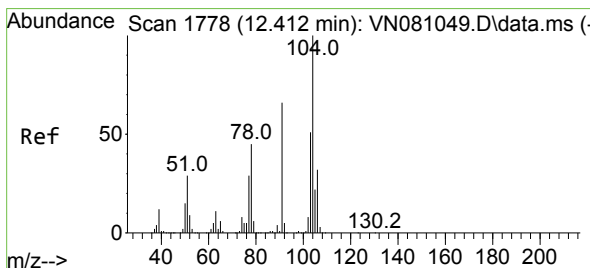
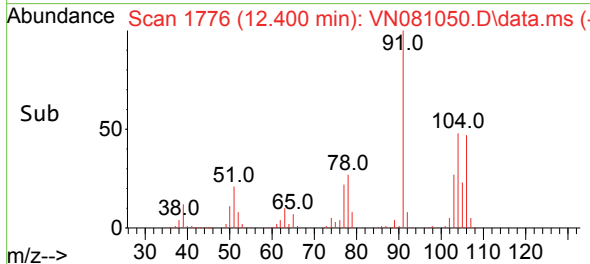
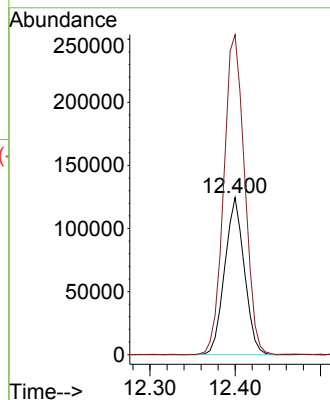
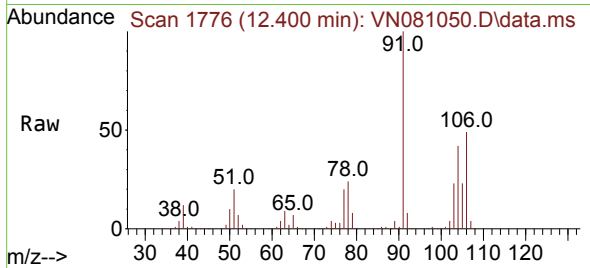




#69
o-Xylene
Concen: 21.106 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

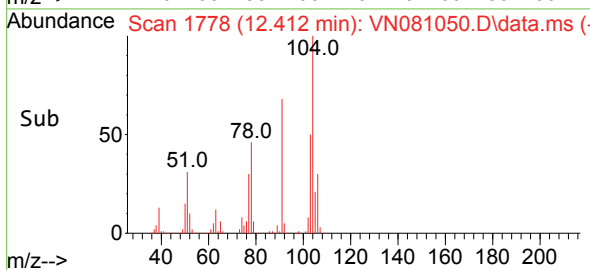
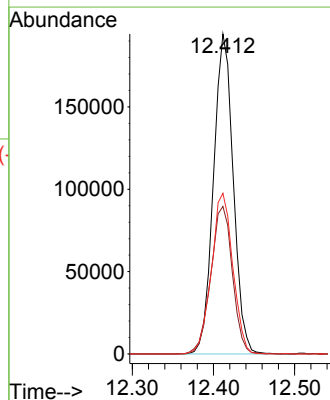
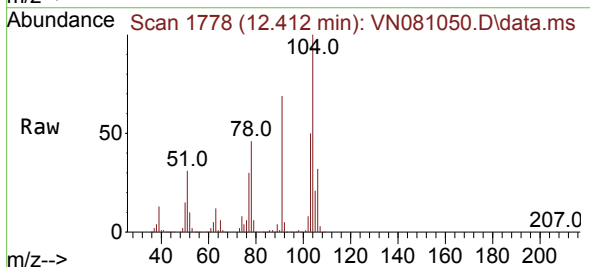
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

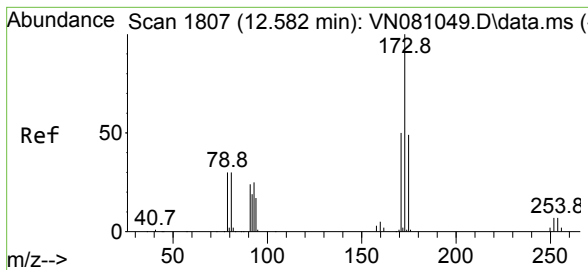
Tgt Ion:106 Resp: 199231
Ion Ratio Lower Upper
106 100
91 216.1 112.1 336.3



#70
Styrene
Concen: 21.999 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion:104 Resp: 329057
Ion Ratio Lower Upper
104 100
78 50.4 43.8 65.8
103 54.3 44.2 66.2





#71

Bromoform

Concen: 22.619 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

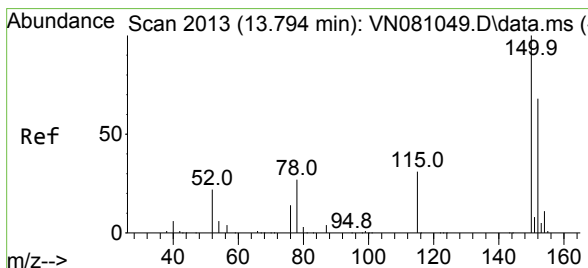
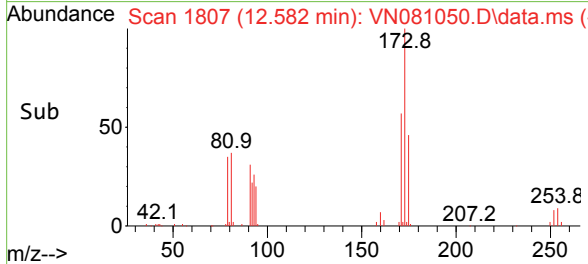
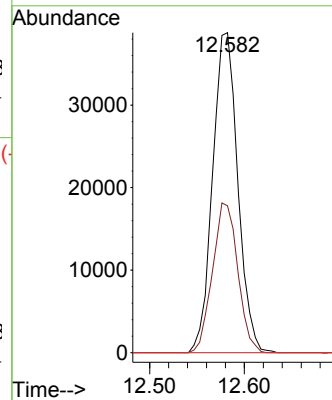
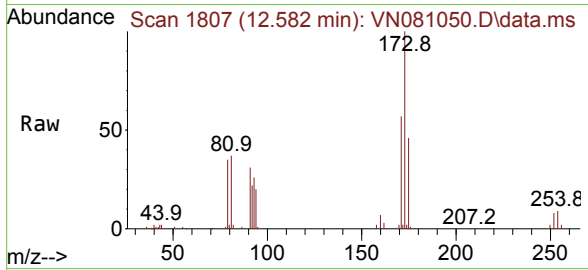
Tgt Ion:173 Resp: 71562

Ion Ratio Lower Upper

173 100

175 47.0 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: VN081050.D

Acq: 16 Feb 2024 12:30

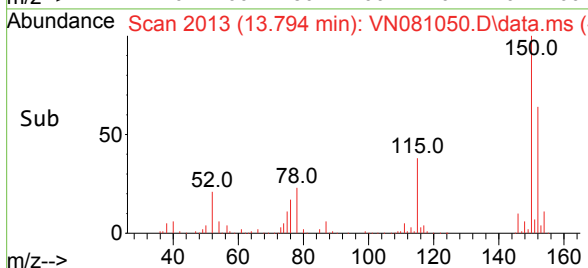
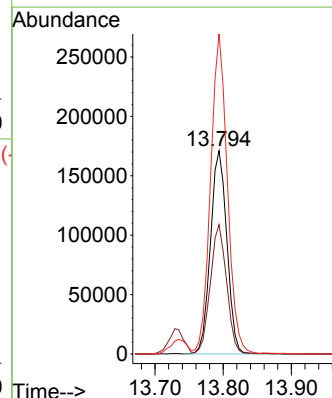
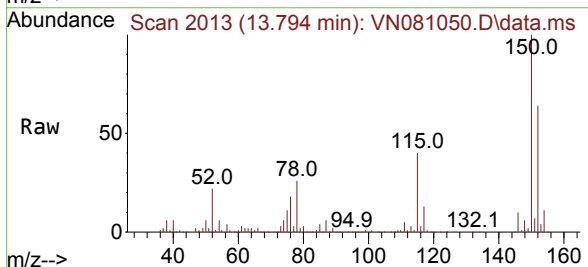
Tgt Ion:152 Resp: 287193

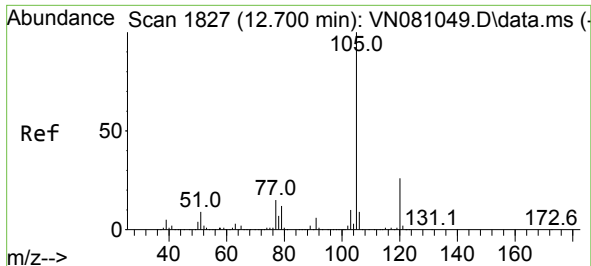
Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 161.4 0.0 339.8

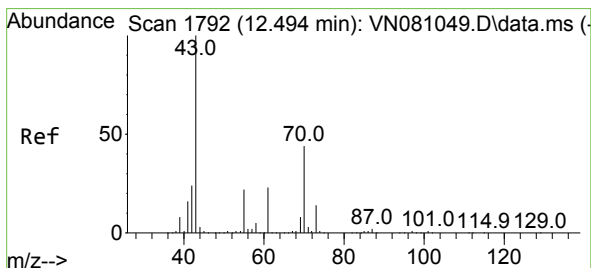
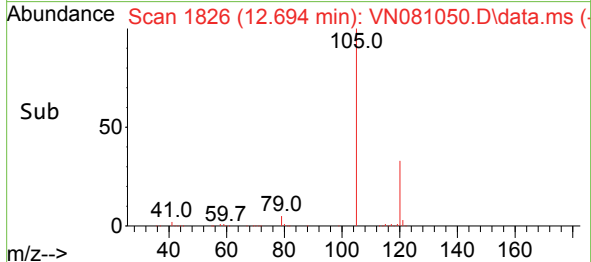
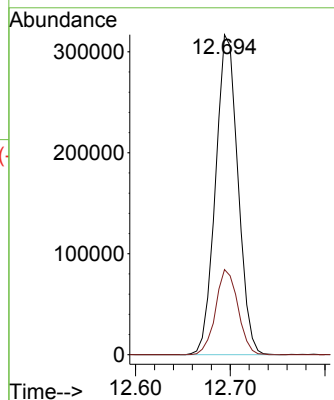
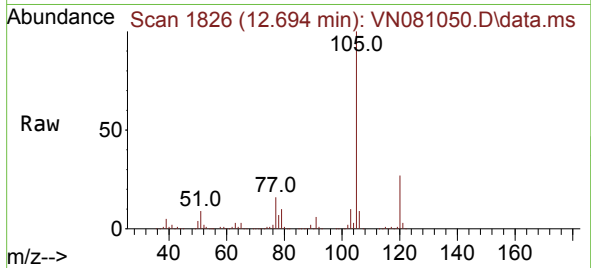




#73
Isopropylbenzene
Concen: 20.764 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

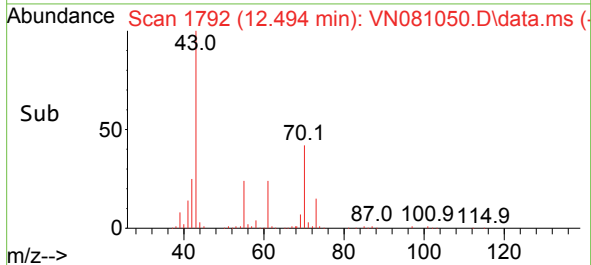
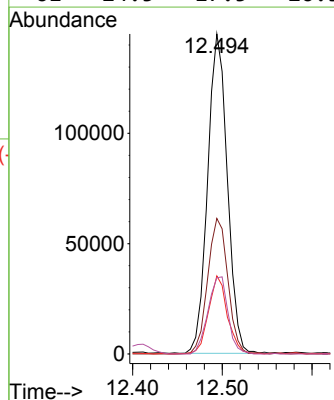
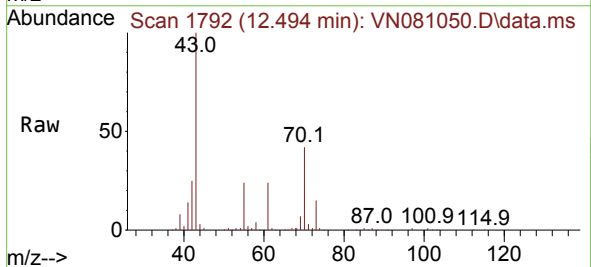
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

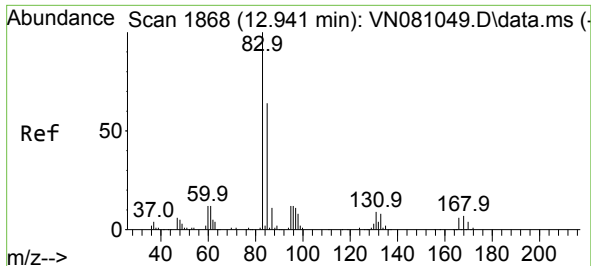
Tgt Ion:105 Resp: 521739
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6



#74
N-ethyl acetate
Concen: 20.769 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 43 Resp: 220565
Ion Ratio Lower Upper
43 100
70 43.6 30.1 45.1
55 23.6 17.0 25.4
61 24.5 17.5 26.3

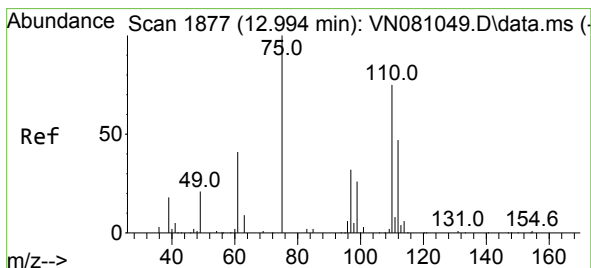
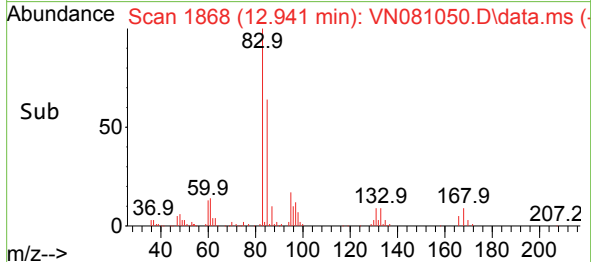
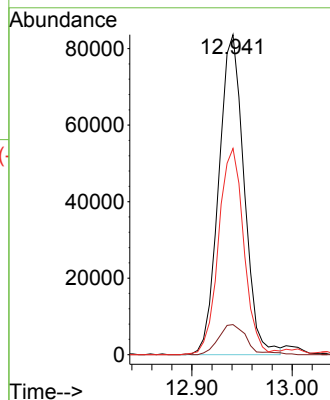
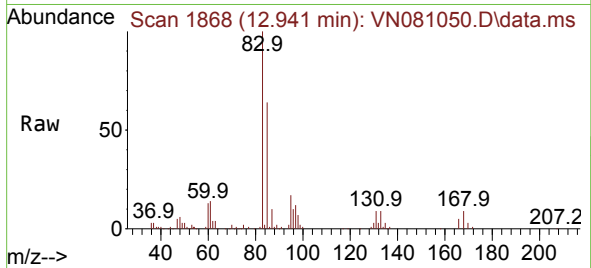




#75
1,1,2,2-Tetrachloroethane
Concen: 20.763 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

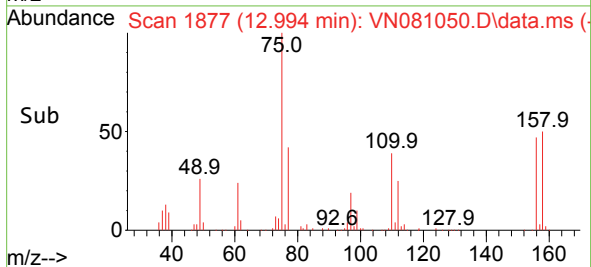
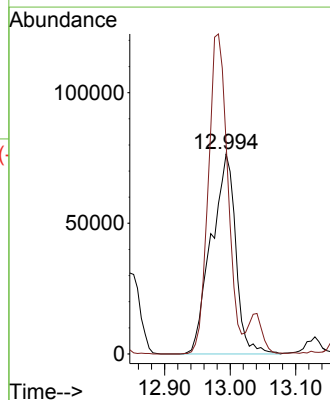
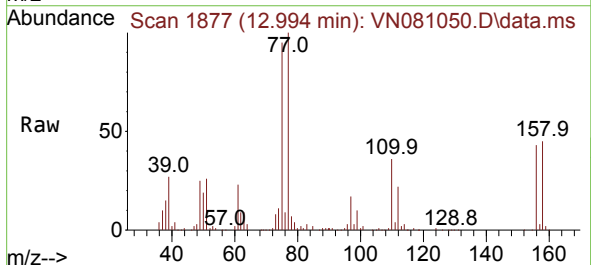
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

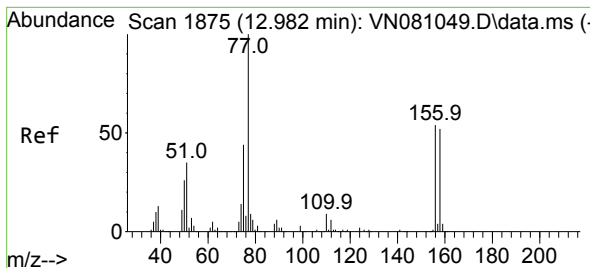
Tgt Ion: 83 Resp: 146704
Ion Ratio Lower Upper
83 100
131 10.5 4.1 12.3
85 64.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 30.136 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 75 Resp: 197443
Ion Ratio Lower Upper
75 100
77 127.2 91.0 272.8





#77

Bromobenzene

Concen: 20.213 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

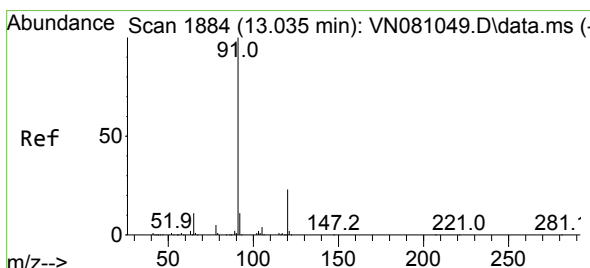
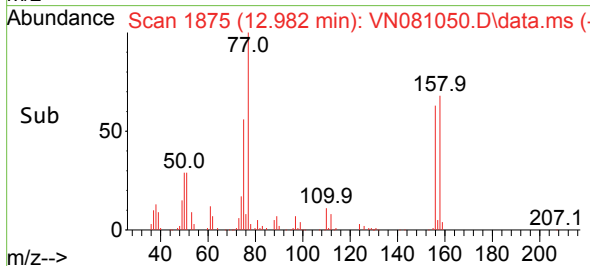
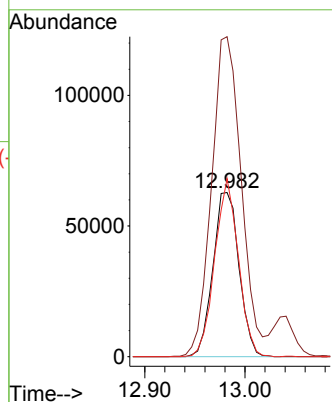
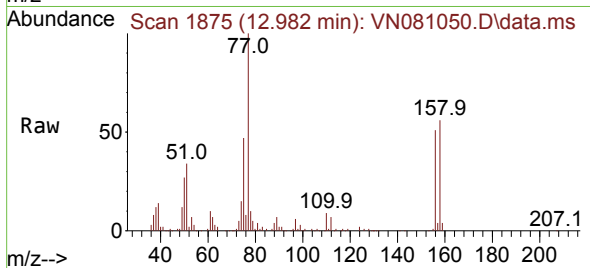
Tgt Ion:156 Resp: 113246

Ion Ratio Lower Upper

156 100

77 221.8 138.1 414.3

158 98.4 46.5 139.5



#78

n-propylbenzene

Concen: 20.965 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081050.D

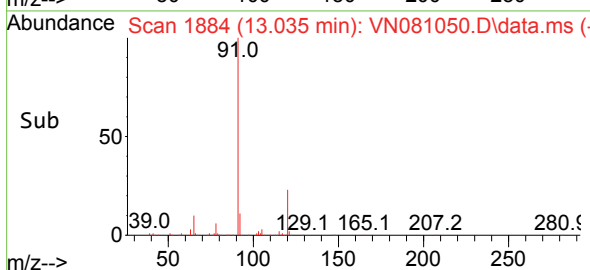
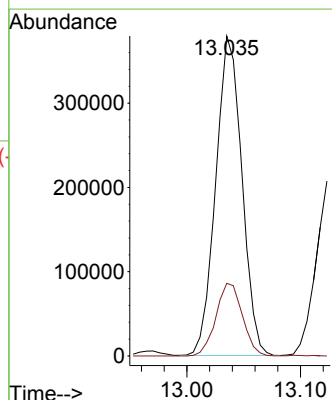
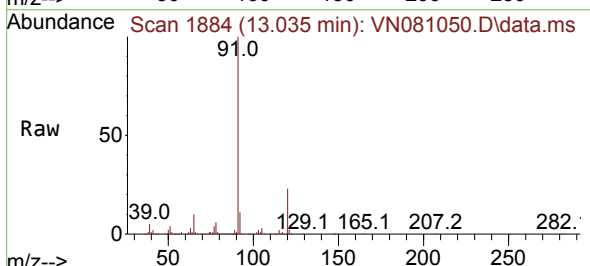
Acq: 16 Feb 2024 12:30

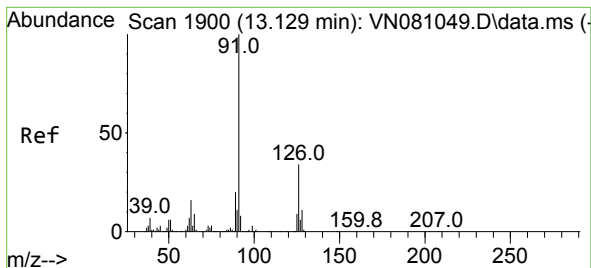
Tgt Ion: 91 Resp: 606447

Ion Ratio Lower Upper

91 100

120 23.0 10.3 30.9





#79

2-Chlorotoluene

Concen: 20.677 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

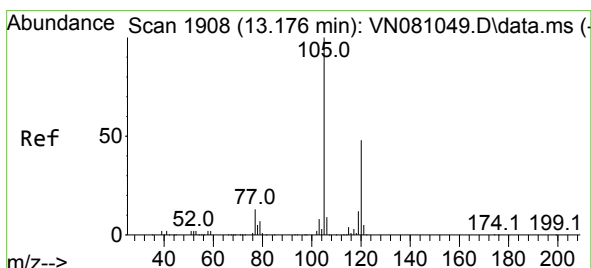
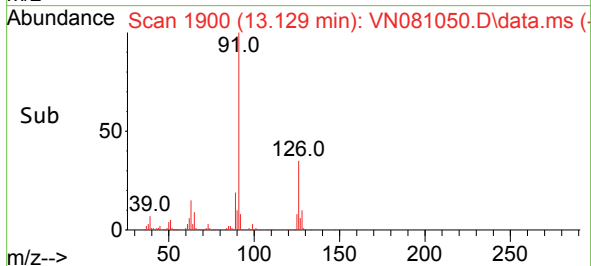
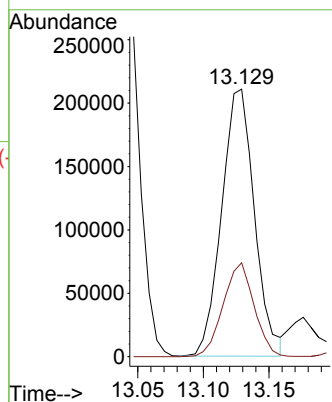
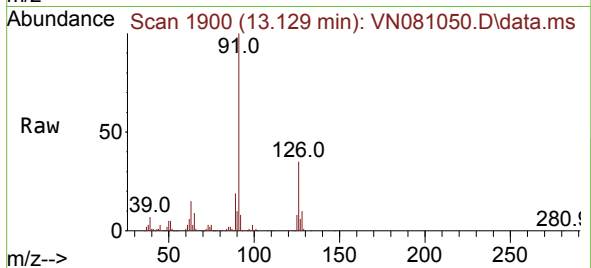
VSTDICC020

Tgt Ion: 91 Resp: 366857

Ion Ratio Lower Upper

91 100

126 33.1 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 21.345 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081050.D

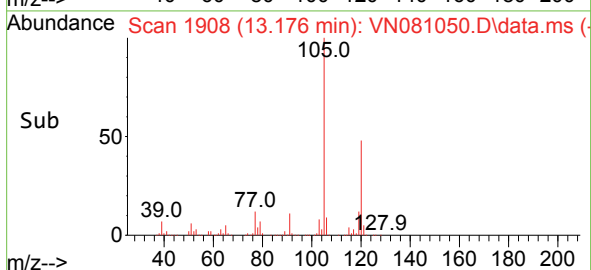
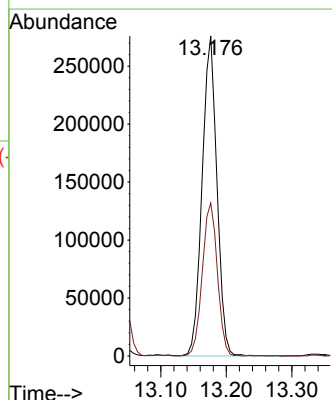
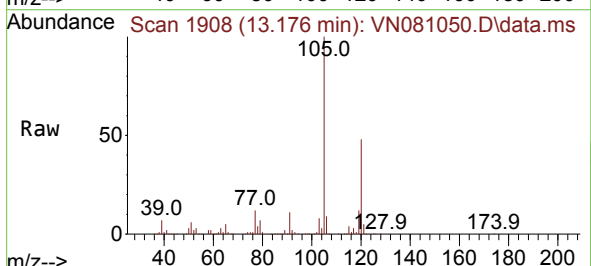
Acq: 16 Feb 2024 12:30

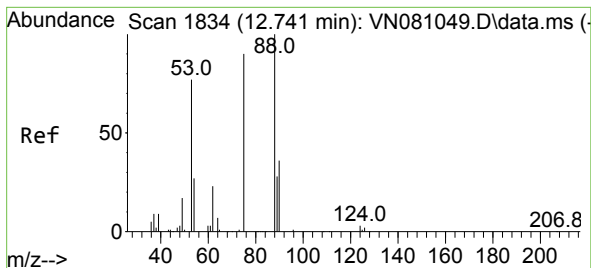
Tgt Ion: 105 Resp: 434868

Ion Ratio Lower Upper

105 100

120 48.5 23.0 69.0

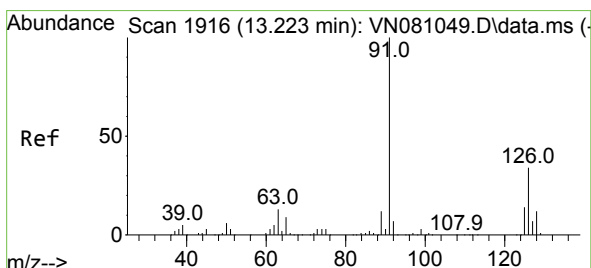
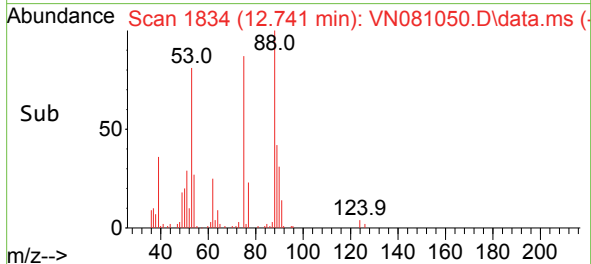
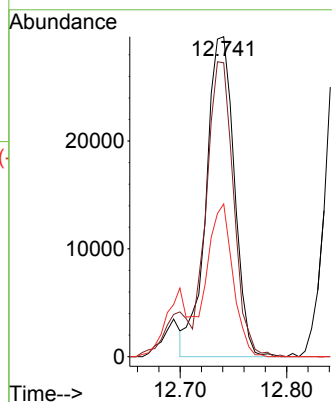
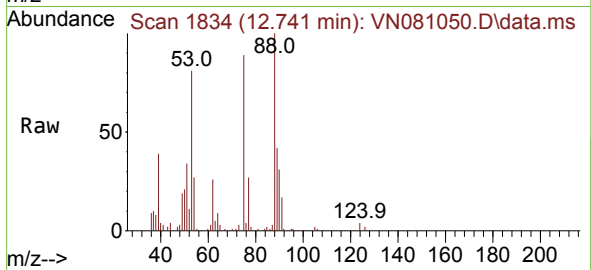




#81
trans-1,4-Dichloro-2-butene
Concen: 21.469 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

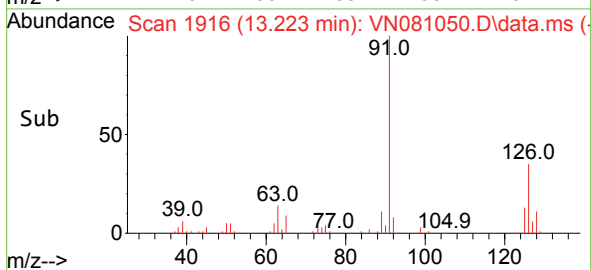
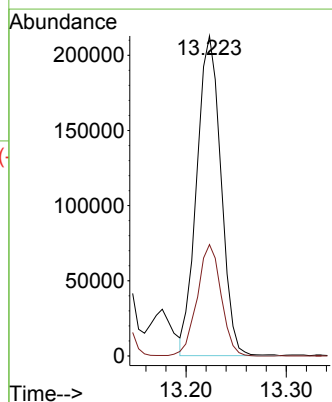
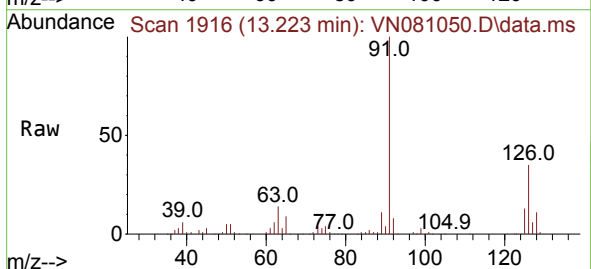
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

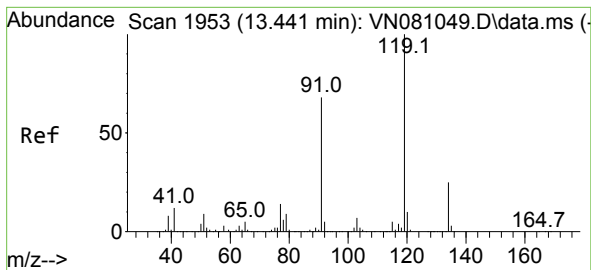
Tgt Ion: 75 Resp: 54426
Ion Ratio Lower Upper
75 100
53 87.7 71.4 107.2
89 41.3 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.576 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 91 Resp: 356967
Ion Ratio Lower Upper
91 100
126 34.5 15.3 45.9

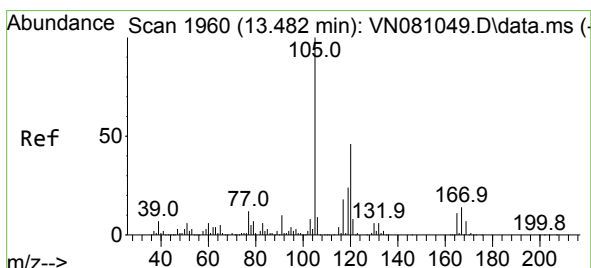
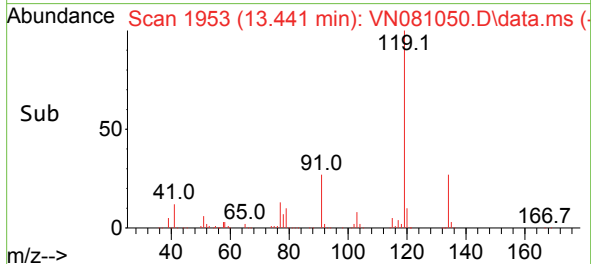
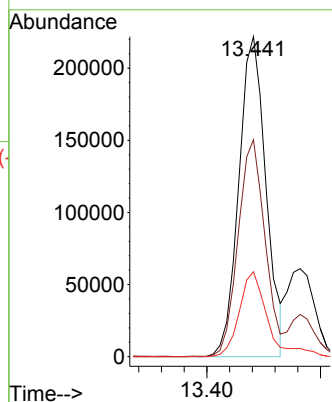
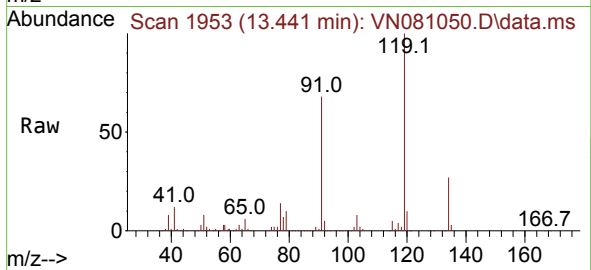




#83
tert-Butylbenzene
Concen: 20.895 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

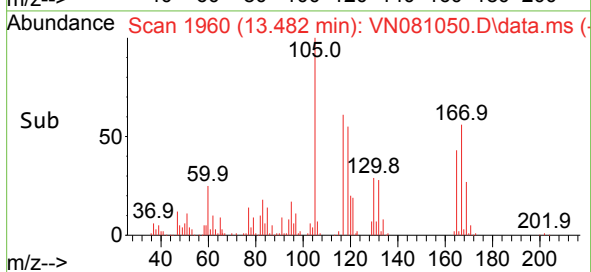
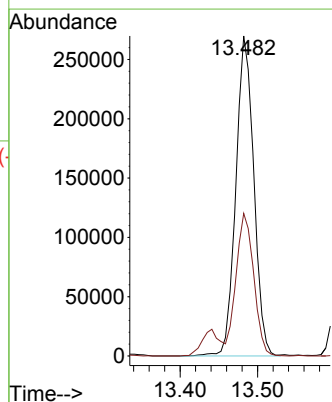
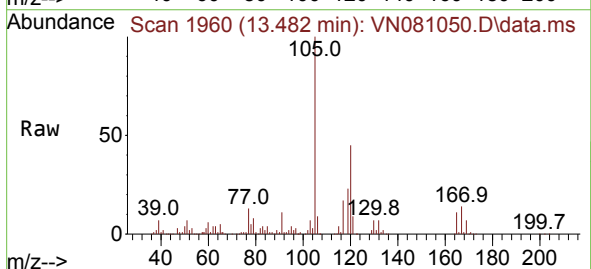
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

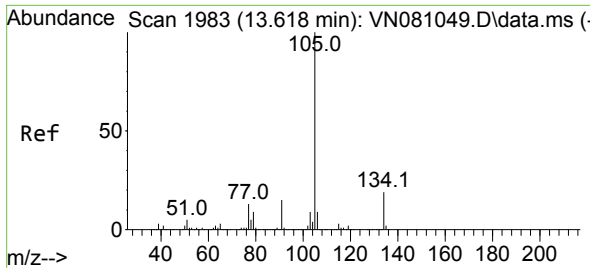
Tgt Ion:119 Resp: 368095
Ion Ratio Lower Upper
119 100
91 68.6 36.8 110.4
134 27.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 21.441 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion:105 Resp: 435283
Ion Ratio Lower Upper
105 100
120 43.9 20.9 62.7

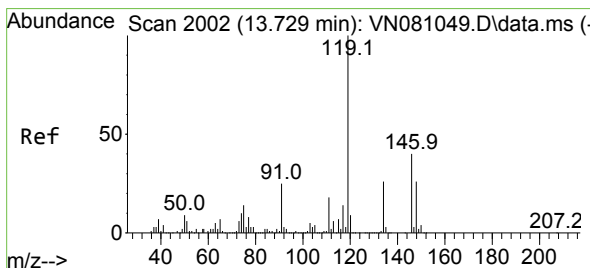
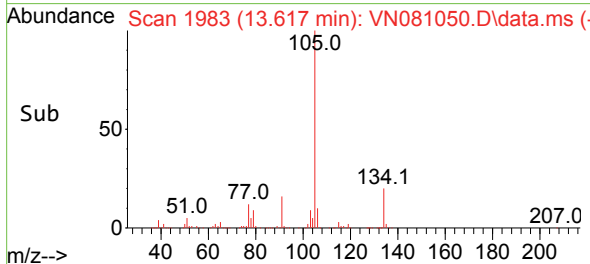
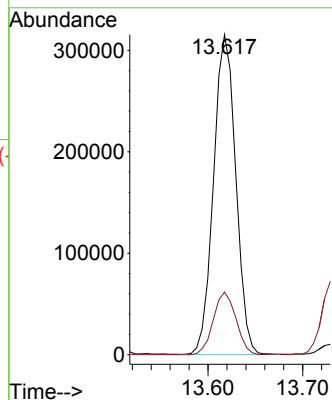
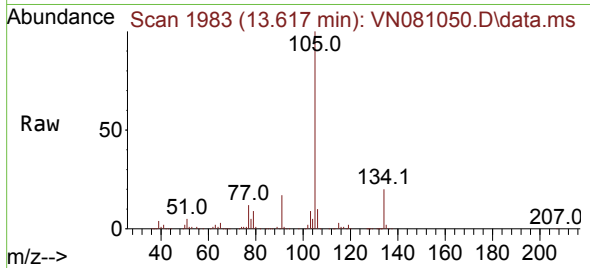




#85
 sec-Butylbenzene
 Concen: 20.980 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

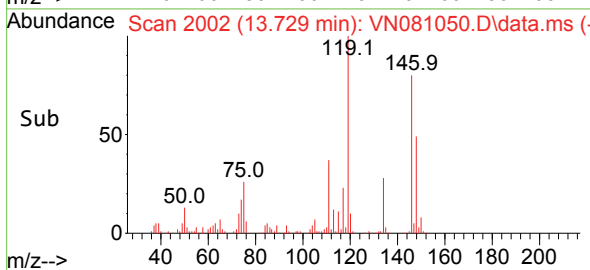
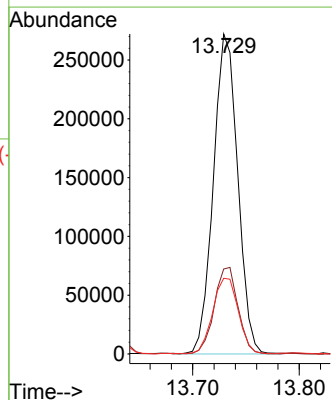
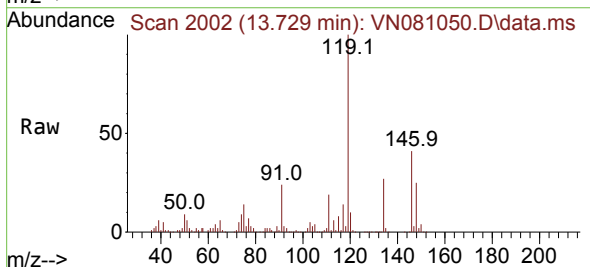
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

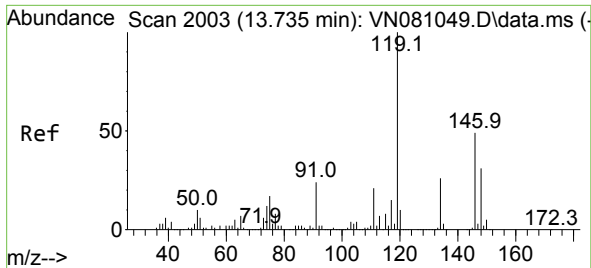
Tgt Ion:105 Resp: 513795
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 21.267 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081050.D
 Acq: 16 Feb 2024 12:30

Tgt Ion:119 Resp: 432610
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.4 37.2
 91 24.8 13.5 40.4

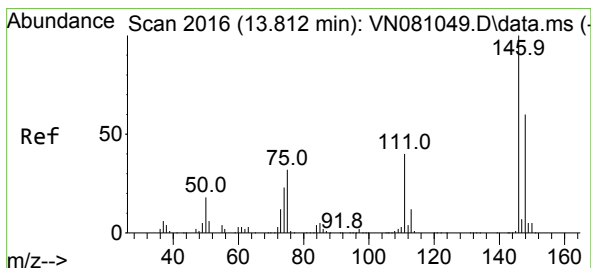
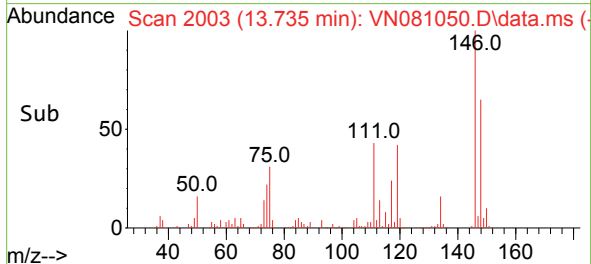
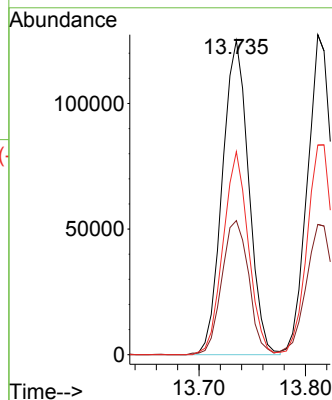
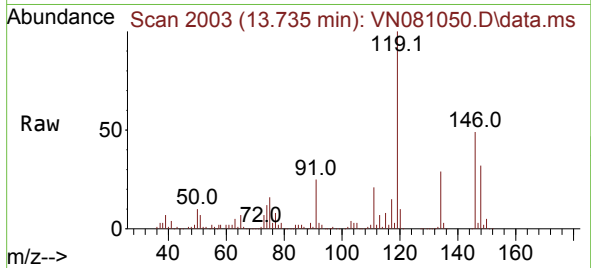




#87
1,3-Dichlorobenzene
Concen: 20.302 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

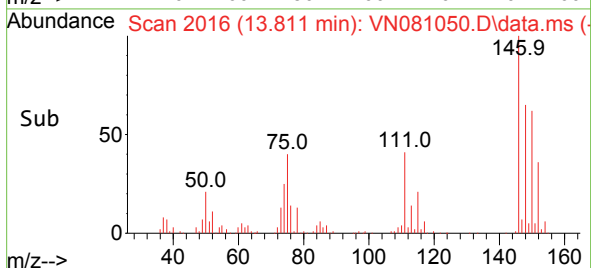
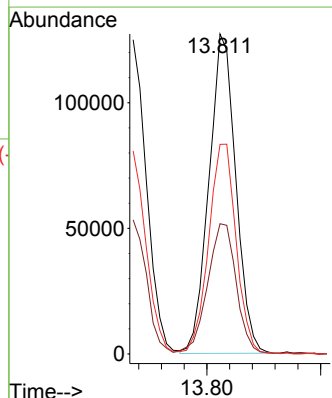
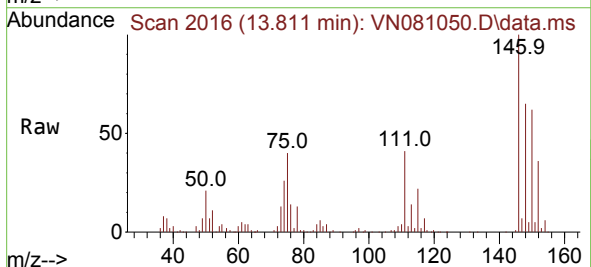
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

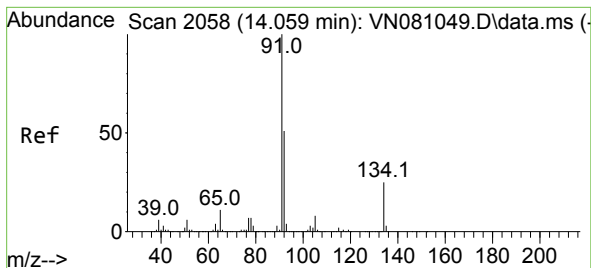
Tgt Ion:146 Resp: 214923
Ion Ratio Lower Upper
146 100
111 43.5 23.9 71.7
148 61.7 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 20.055 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion:146 Resp: 208609
Ion Ratio Lower Upper
146 100
111 43.1 22.6 67.7
148 67.5 31.9 95.5





#89

n-Butylbenzene

Concen: 21.164 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

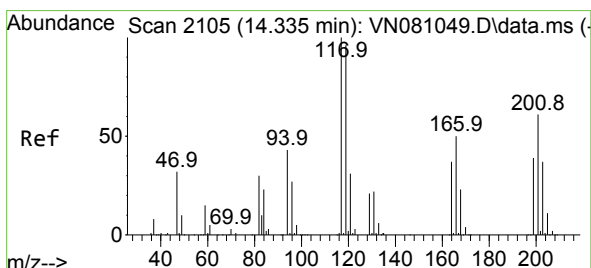
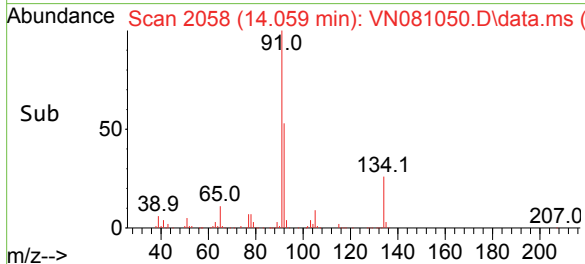
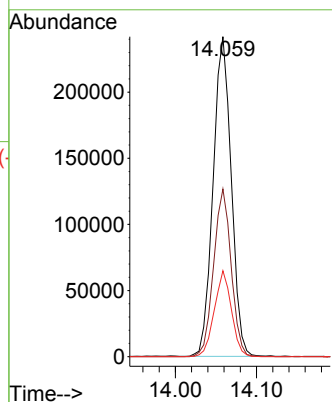
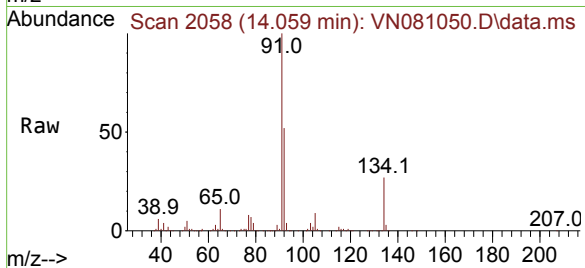
Tgt Ion: 91 Resp: 375068

Ion Ratio Lower Upper

91 100

92 50.8 26.7 80.1

134 25.4 10.8 32.4



#90

Hexachloroethane

Concen: 22.032 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081050.D

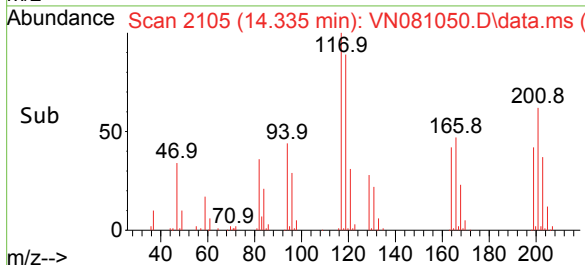
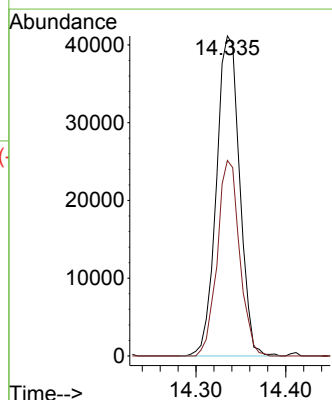
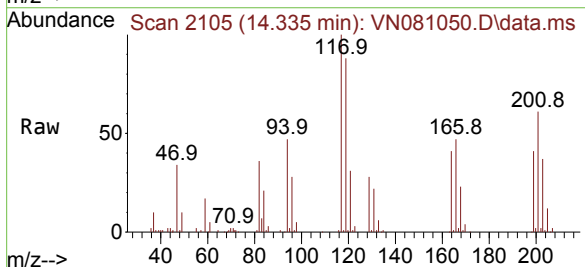
Acq: 16 Feb 2024 12:30

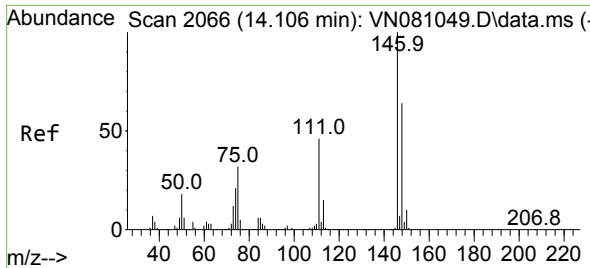
Tgt Ion: 117 Resp: 74081

Ion Ratio Lower Upper

117 100

201 58.6 30.0 90.0

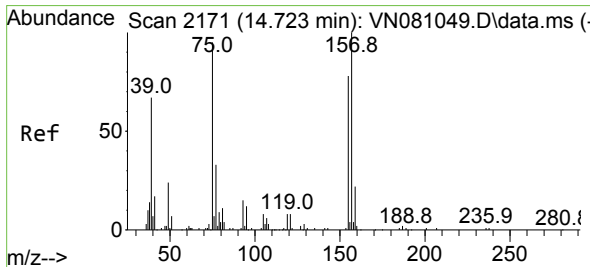
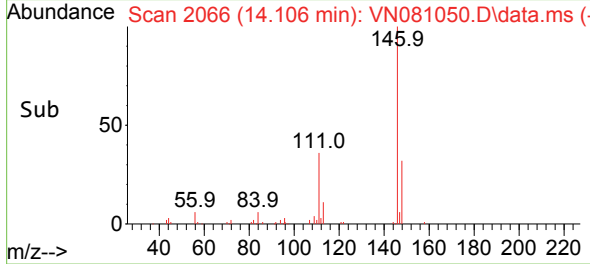
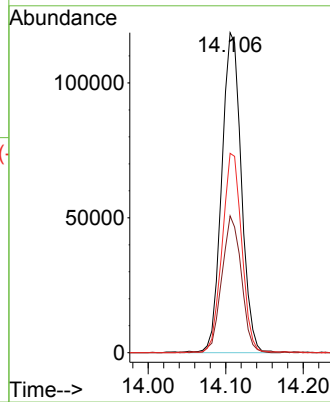
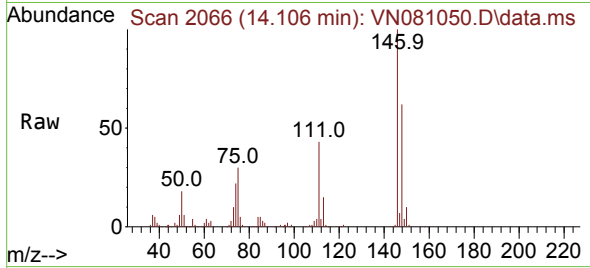




#91
1,2-Dichlorobenzene
Concen: 20.449 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

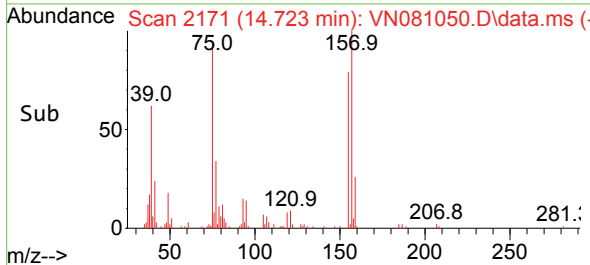
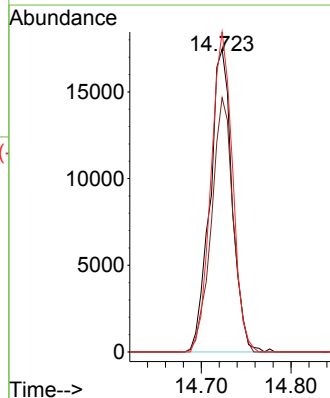
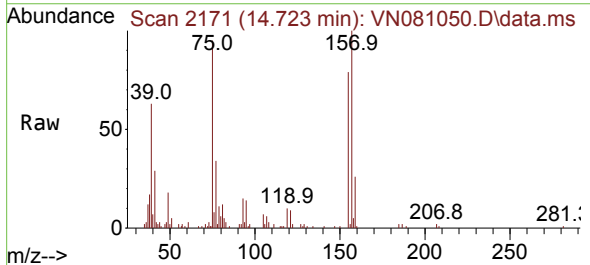
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

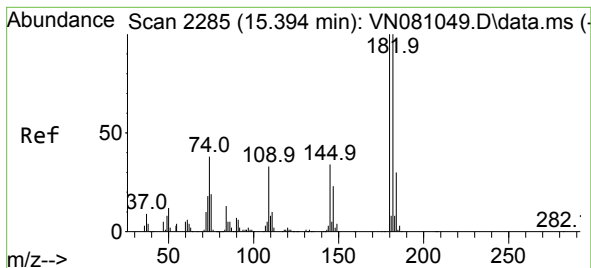
Tgt Ion:146 Resp: 208790
Ion Ratio Lower Upper
146 100
111 42.6 23.9 71.8
148 62.4 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.381 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081050.D
Acq: 16 Feb 2024 12:30

Tgt Ion: 75 Resp: 29940
Ion Ratio Lower Upper
75 100
155 82.3 31.8 95.4
157 102.7 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 21.031 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

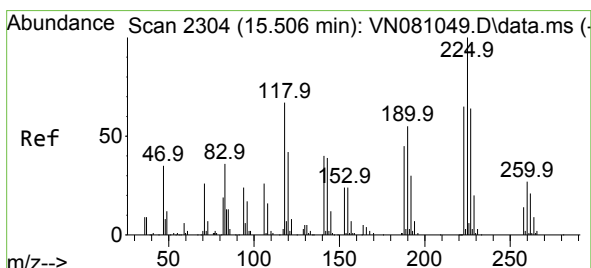
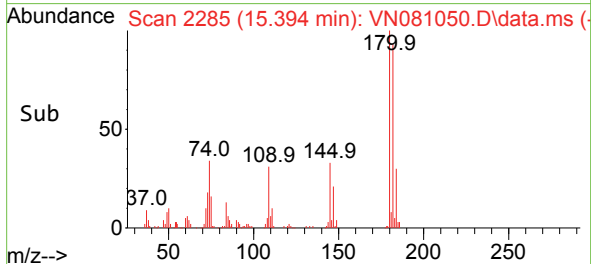
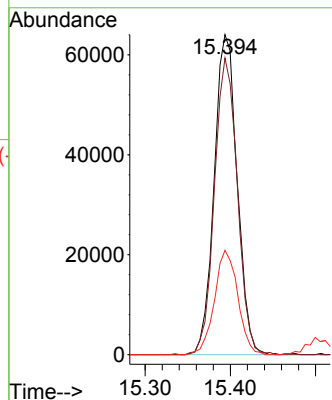
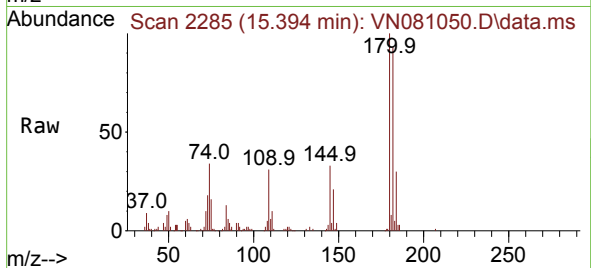
Tgt Ion:180 Resp: 119796

Ion Ratio Lower Upper

180 100

182 92.4 46.6 139.7

145 33.3 16.8 50.3



#94

Hexachlorobutadiene

Concen: 21.679 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

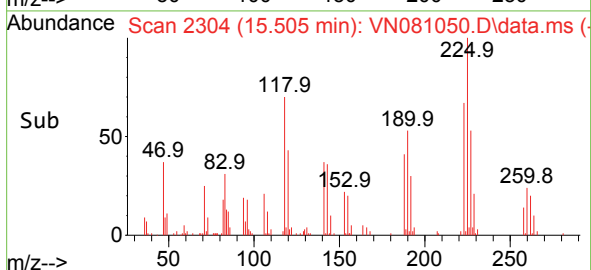
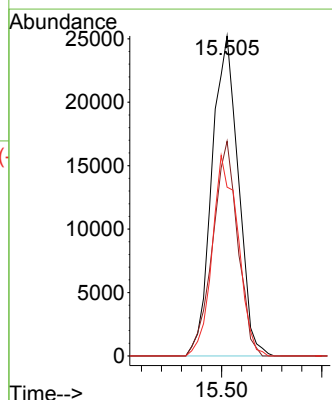
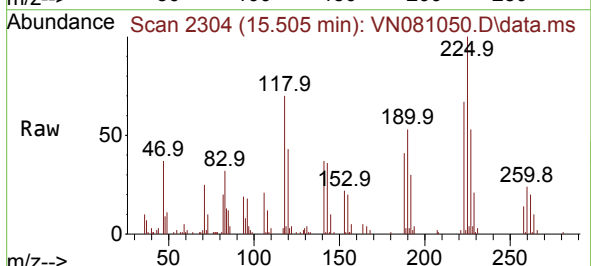
Tgt Ion:225 Resp: 46054

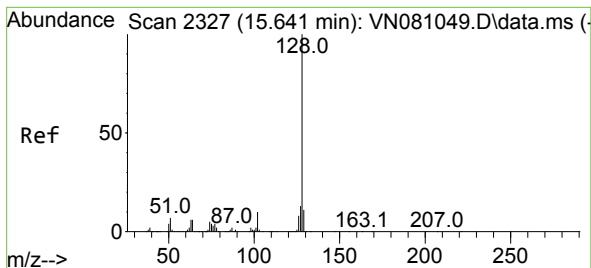
Ion Ratio Lower Upper

225 100

223 63.9 33.3 99.8

227 61.2 33.1 99.2





#95

Naphthalene

Concen: 20.615 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

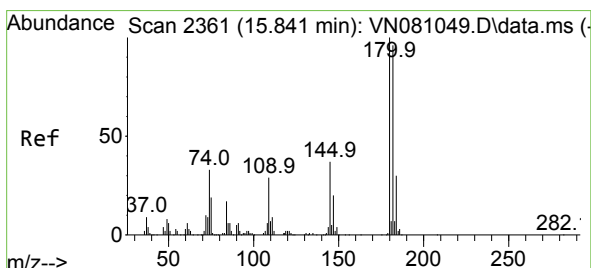
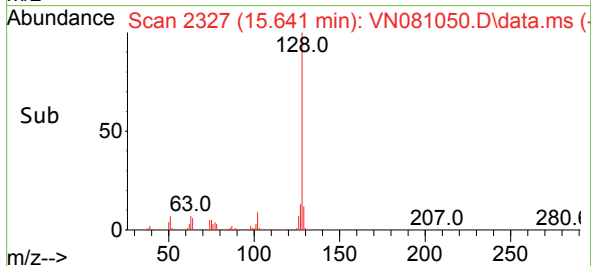
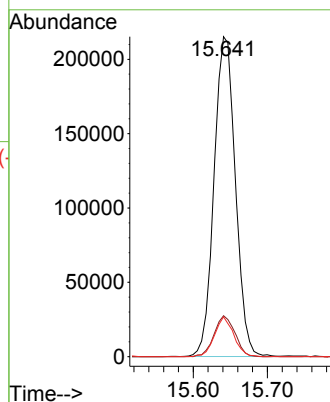
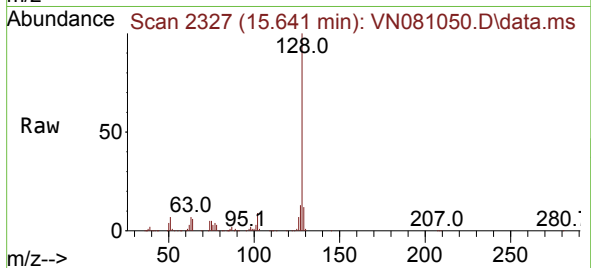
Tgt Ion:128 Resp: 430313

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.812 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081050.D

Acq: 16 Feb 2024 12:30

Tgt Ion:180 Resp: 117605

Ion Ratio Lower Upper

180 100

182 94.0 46.5 139.3

145 34.8 17.8 53.4

