

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080041.D
 Acq On : 09 Nov 2023 22:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 00:44:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	261178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	474813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	445655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205551	51.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.320%	
35) Dibromofluoromethane	8.165	113	153560	45.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.400%	
50) Toluene-d8	10.571	98	631758	51.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.853	95	237937	57.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	180200	57.280	ug/l	97
3) Chloromethane	2.359	50	183110	46.625	ug/l	97
4) Vinyl Chloride	2.512	62	196869	47.807	ug/l	99
5) Bromomethane	2.942	94	66844	26.715	ug/l	94
6) Chloroethane	3.112	64	86719	26.651	ug/l	98
7) Trichlorofluoromethane	3.495	101	248112	48.442	ug/l	98
8) Diethyl Ether	3.959	74	88553	45.560	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	129891	43.747	ug/l	100
10) Methyl Iodide	4.589	142	138752	40.922	ug/l	96
11) Tert butyl alcohol	5.518	59	126668	249.370	ug/l	100
12) 1,1-Dichloroethene	4.342	96	121900	43.361	ug/l #	83
13) Acrolein	4.183	56	107624	276.048	ug/l	96
14) Allyl chloride	5.024	41	177881	41.311	ug/l	96
15) Acrylonitrile	5.718	53	383867	242.500	ug/l	100
16) Acetone	4.430	43	285473	204.243	ug/l	97
17) Carbon Disulfide	4.706	76	296238	36.531	ug/l	97
18) Methyl Acetate	5.024	43	305784	45.728	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	494755	51.117	ug/l	97
20) Methylene Chloride	5.277	84	154607	43.838	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	133284	42.509	ug/l #	80
22) Diisopropyl ether	6.677	45	478342	47.937	ug/l #	91
23) Vinyl Acetate	6.606	43	1203802	218.710	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	290849	47.956	ug/l	98
25) 2-Butanone	7.483	43	486798	237.840	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	228047	45.465	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	173462	46.250	ug/l	85
28) Bromochloromethane	7.818	49	149155	50.464	ug/l	81
29) Tetrahydrofuran	7.841	42	335838	252.199	ug/l #	81
30) Chloroform	7.971	83	332513	50.473	ug/l	93
31) Cyclohexane	8.259	56	231866	44.097	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	294478	54.859	ug/l	98
36) 1,1-Dichloropropene	8.377	75	231647	48.277	ug/l	95
37) Ethyl Acetate	7.565	43	201631	45.819	ug/l	94
38) Carbon Tetrachloride	8.365	117	256707	53.085	ug/l	97
39) Methylcyclohexane	9.606	83	231594	51.287	ug/l #	86
40) Benzene	8.612	78	726799	50.572	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	112167	48.000	ug/l	92
42) 1,2-Dichloroethane	8.671	62	268653	53.516	ug/l	98
43) Isopropyl Acetate	8.694	43	411177	53.280	ug/l #	91
44) Trichloroethene	9.353	130	179771	50.410	ug/l	99
45) 1,2-Dichloropropane	9.624	63	210232	57.241	ug/l	93
46) Dibromomethane	9.712	93	135355	53.974	ug/l	93
47) Bromodichloromethane	9.888	83	290365	54.291	ug/l	96
48) Methyl methacrylate	9.682	41	192873	57.058	ug/l #	81
49) 1,4-Dioxane	9.700	88	70527	1180.779	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1257349	289.393	ug/l	96
52) Toluene	10.635	92	478488	56.160	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	298296	56.893	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	324597	56.799	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	193439	56.447	ug/l	97
56) Ethyl methacrylate	10.876	69	302590	61.903	ug/l	87
57) 1,3-Dichloropropane	11.165	76	352020	58.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	700371	282.694	ug/l	91
59) 2-Hexanone	11.200	43	908821	273.432	ug/l	94
60) Dibromochloromethane	11.365	129	211637	57.695	ug/l	98
61) 1,2-Dibromoethane	11.470	107	192969	56.103	ug/l	98
64) Tetrachloroethene	11.106	164	153004	53.010	ug/l	98
65) Chlorobenzene	11.894	112	499469	51.667	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	195477	56.124	ug/l	96
67) Ethyl Benzene	11.970	91	904191	53.685	ug/l	97
68) m/p-Xylenes	12.076	106	682924	108.847	ug/l	92
69) o-Xylene	12.400	106	337562	55.872	ug/l	91
70) Styrene	12.417	104	574369	59.156	ug/l	97
71) Bromoform	12.582	173	147512	59.644	ug/l #	100
73) Isopropylbenzene	12.700	105	851610	51.312	ug/l	99
74) N-amyl acetate	12.500	43	335447	46.305	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	297054	50.481	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	370627	72.190	ug/l	70
77) Bromobenzene	12.982	156	204441	50.314	ug/l	92
78) n-propylbenzene	13.041	91	983667	51.756	ug/l	98
79) 2-Chlorotoluene	13.129	91	631294	51.995	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	717417	55.559	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	86522	45.852	ug/l #	81
82) 4-Chlorotoluene	13.223	91	632747	52.445	ug/l	96
83) tert-Butylbenzene	13.441	119	579581	54.834	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	721181	56.767	ug/l	99
85) sec-Butylbenzene	13.617	105	794119	54.228	ug/l	100
86) p-Isopropyltoluene	13.735	119	667760	55.930	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	372421	49.269	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	368861	48.076	ug/l	98
89) n-Butylbenzene	14.059	91	540252	52.537	ug/l	100
90) Hexachloroethane	14.335	117	124389	52.607	ug/l	81
91) 1,2-Dichlorobenzene	14.111	146	376544	52.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53978	54.091	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	178059	52.480	ug/l	96
94) Hexachlorobutadiene	15.506	225	88789	57.727	ug/l	99
95) Naphthalene	15.647	128	557846	48.482	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	178515	53.675	ug/l	98

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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

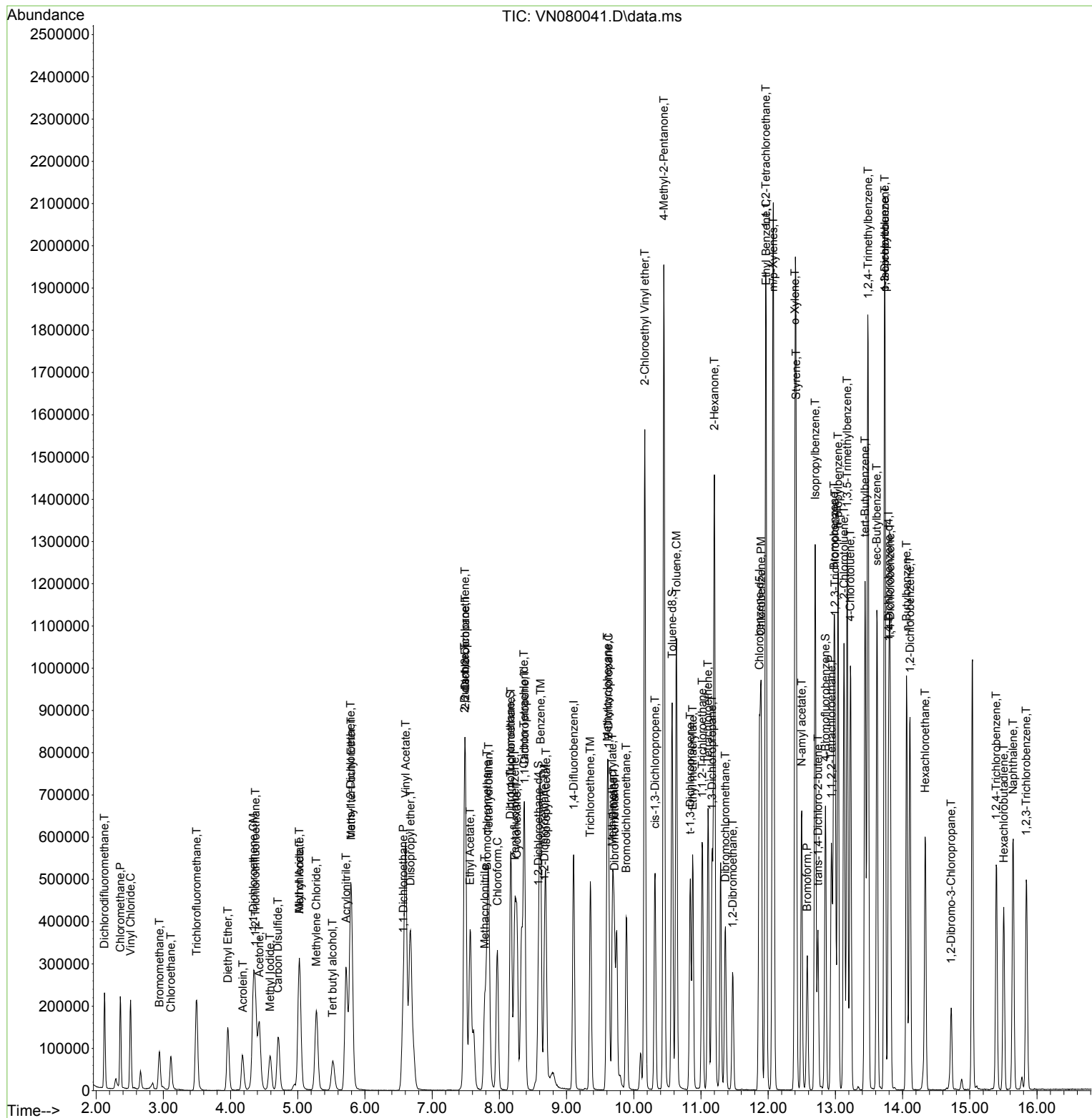
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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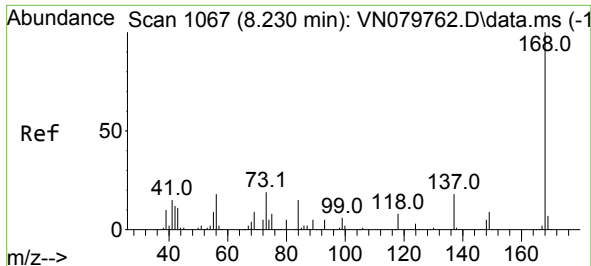
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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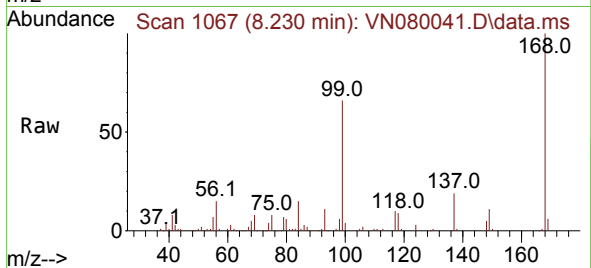
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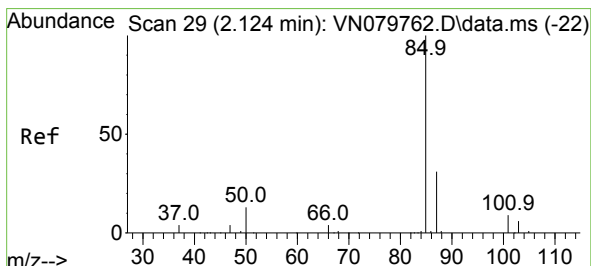
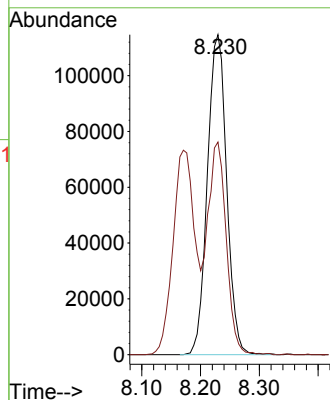
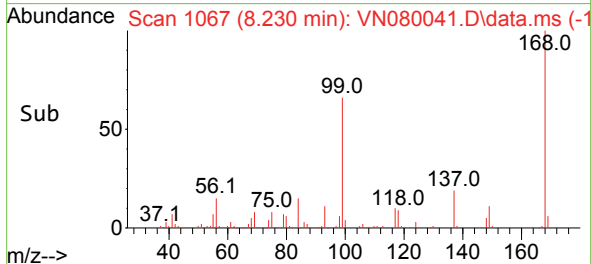


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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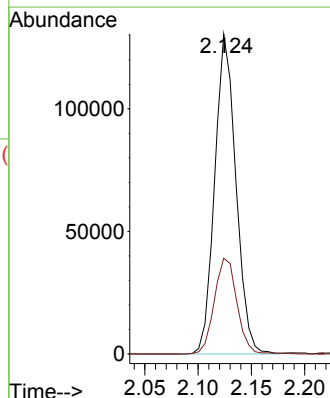
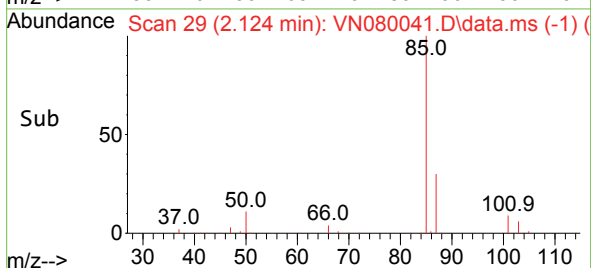
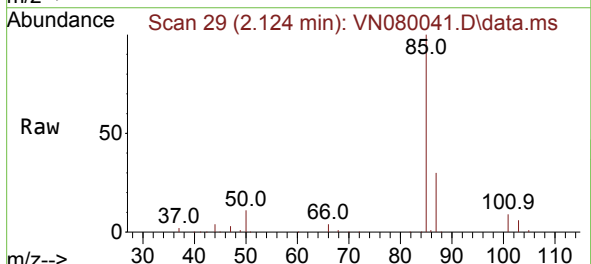


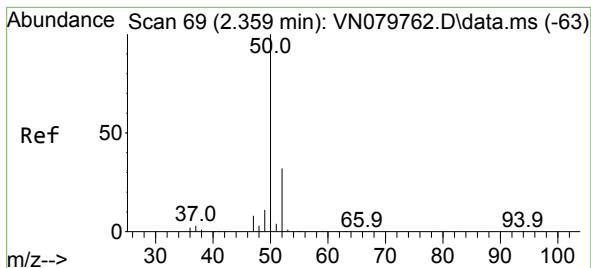
Tgt Ion:168 Resp: 261178
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 57.280 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 85 Resp: 180200
Ion Ratio Lower Upper
85 100
87 29.9 15.8 47.4





#3

Chloromethane

Concen: 46.625 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

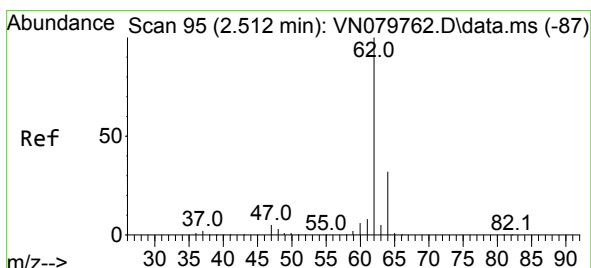
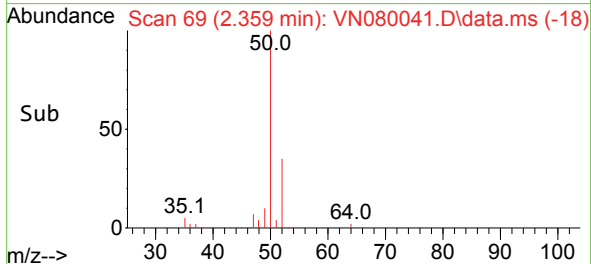
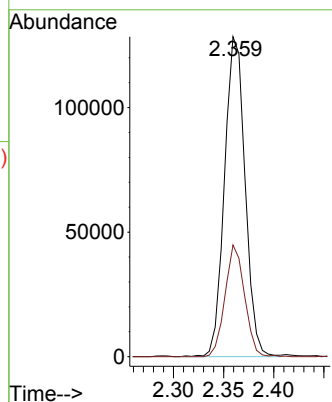
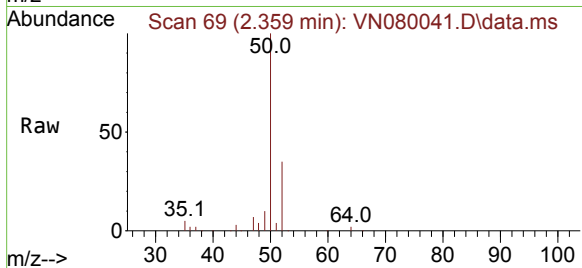
ClientSampleId :

Tgt Ion: 50 Resp: 183110

Ion Ratio Lower Upper

50 100

52 34.9 26.5 39.7



#4

Vinyl Chloride

Concen: 47.807 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080041.D

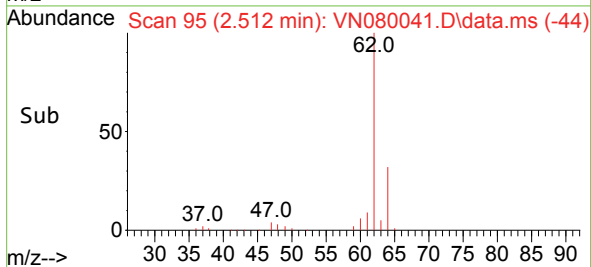
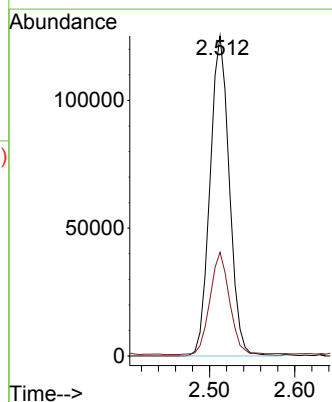
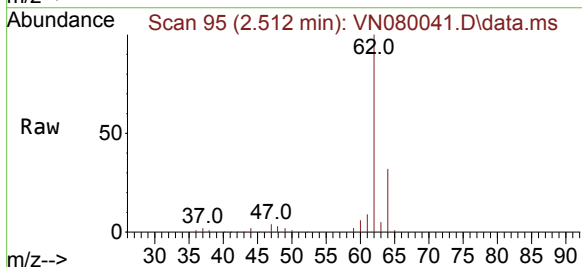
Acq: 09 Nov 2023 22:57

Tgt Ion: 62 Resp: 196869

Ion Ratio Lower Upper

62 100

64 32.0 26.2 39.2

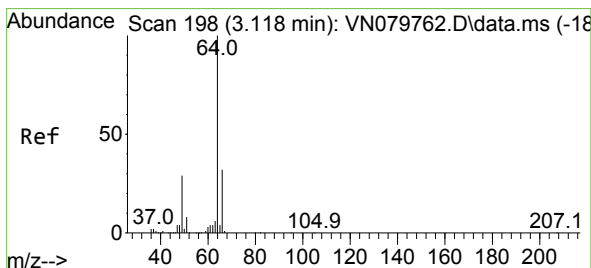
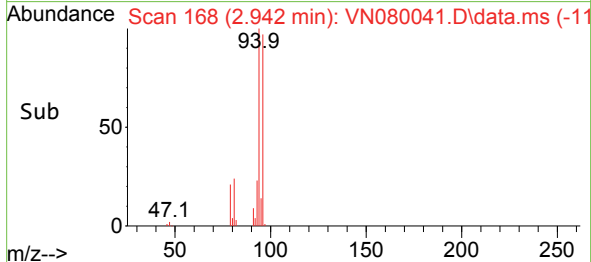
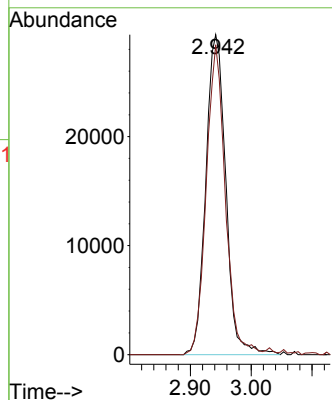
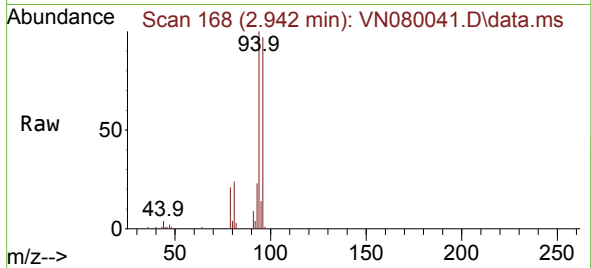




#5
Bromomethane
Concen: 26.715 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN080041.D
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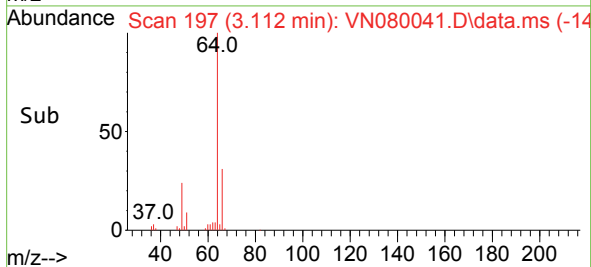
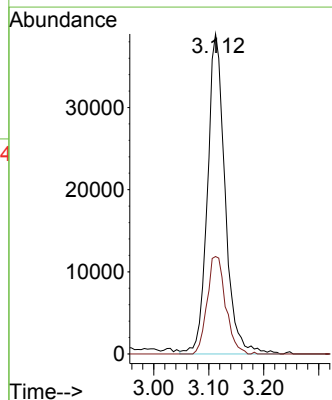
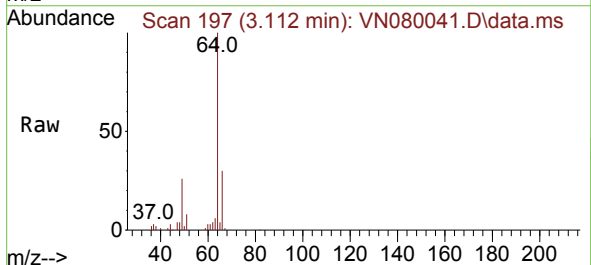
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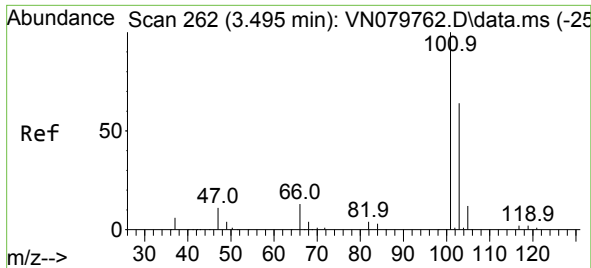
Tgt Ion: 94 Resp: 66844
Ion Ratio Lower Upper
94 100
96 96.8 73.1 109.7



#6
Chloroethane
Concen: 26.651 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 64 Resp: 86719
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2

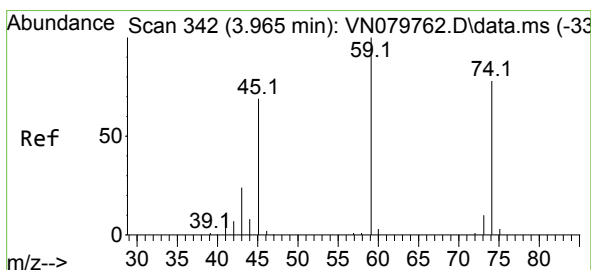
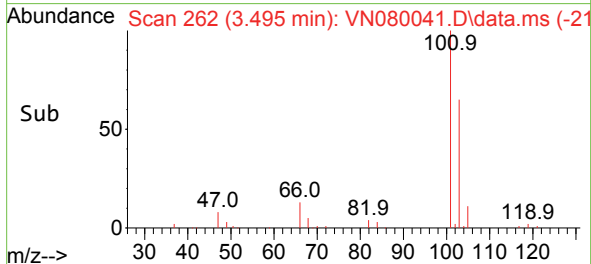
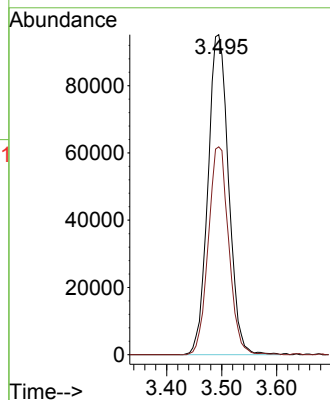
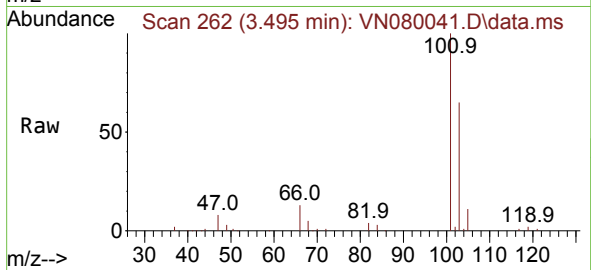




#7
 Trichlorofluoromethane
 Concen: 48.442 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

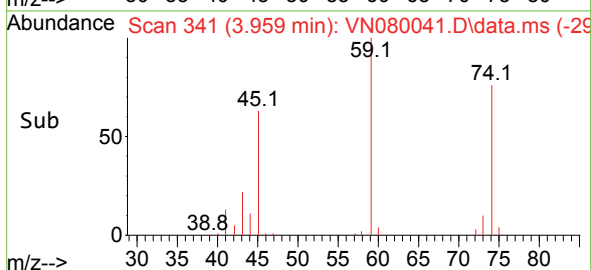
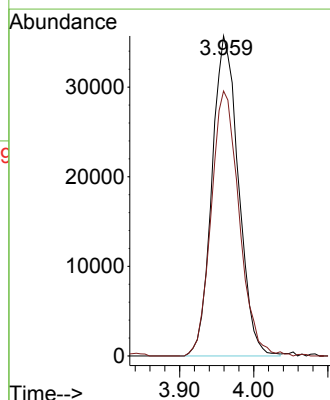
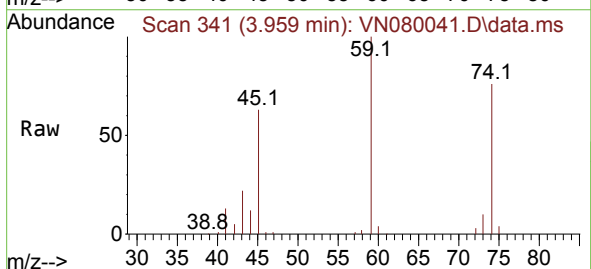
Instrument :
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 ClientSampleId :

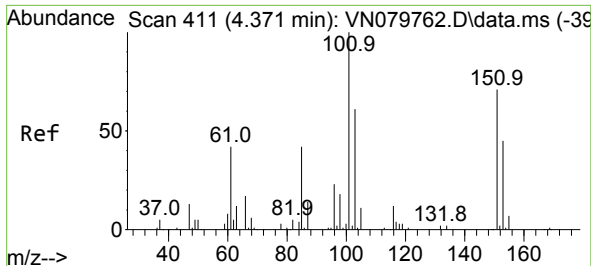
Tgt Ion:101 Resp: 248112
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 45.560 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 88553
 Ion Ratio Lower Upper
 74 100
 45 87.4 34.4 103.3

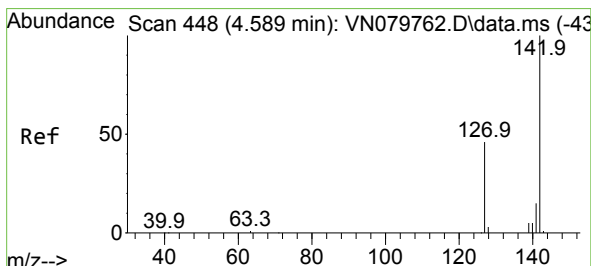
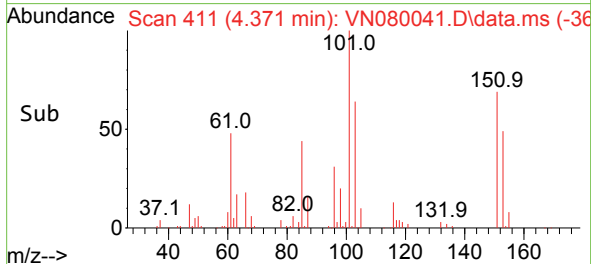
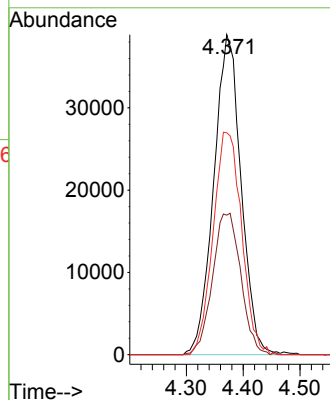
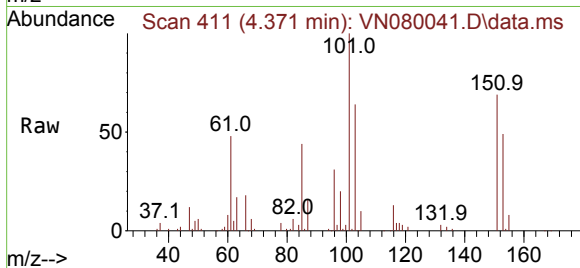




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.747 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

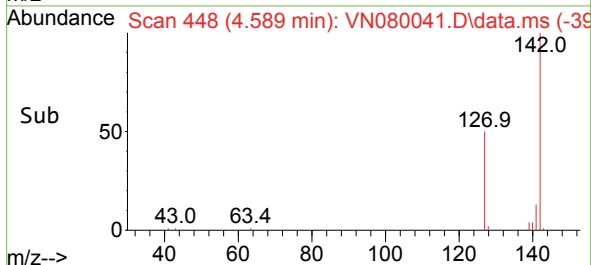
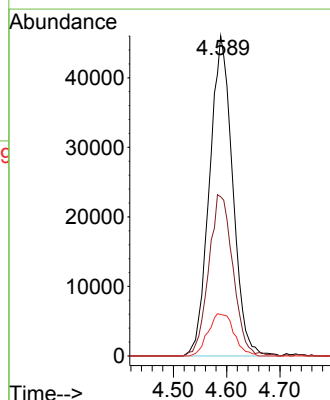
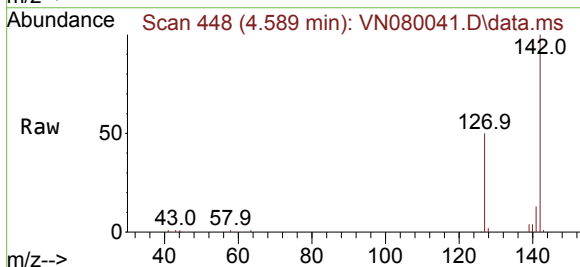
Instrument :
MSVOA_N
ClientSampleId :

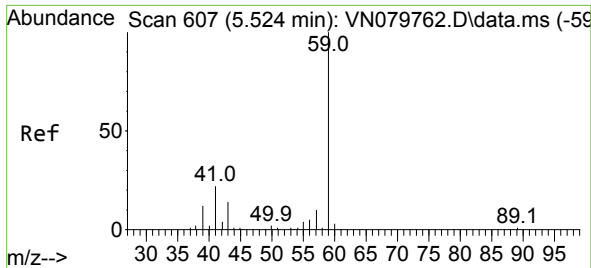
Tgt Ion:101 Resp: 129891
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 72.5 57.6 86.4



#10
Methyl Iodide
Concen: 40.922 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion:142 Resp: 138752
Ion Ratio Lower Upper
142 100
127 49.8 37.6 56.4
141 13.0 11.4 17.0

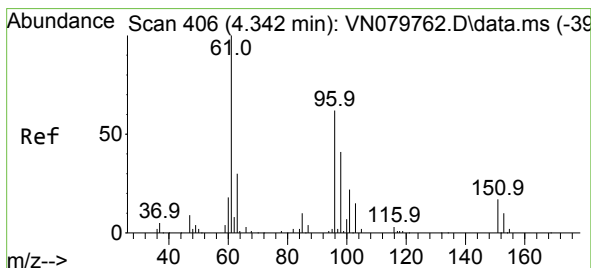
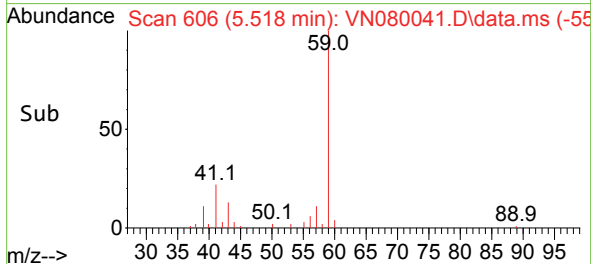
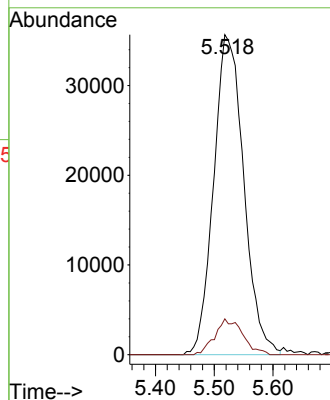
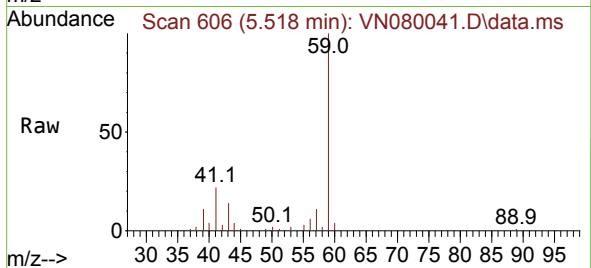




#11
Tert butyl alcohol
Concen: 249.370 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

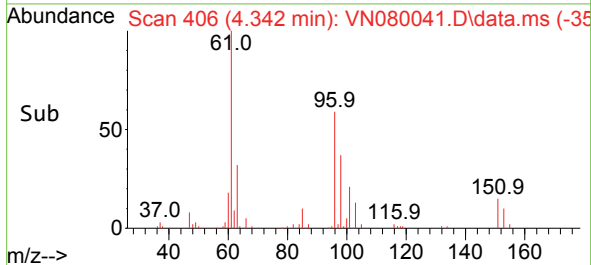
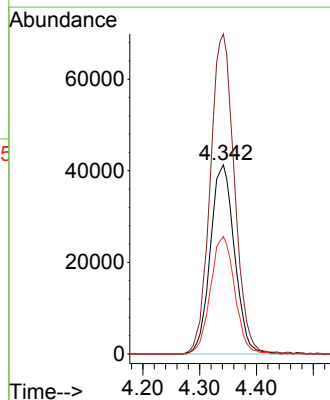
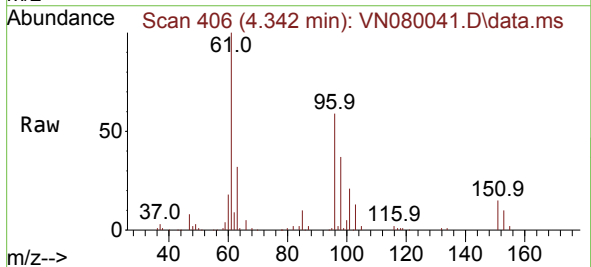
Instrument :
MSVOA_N
ClientSampleId :

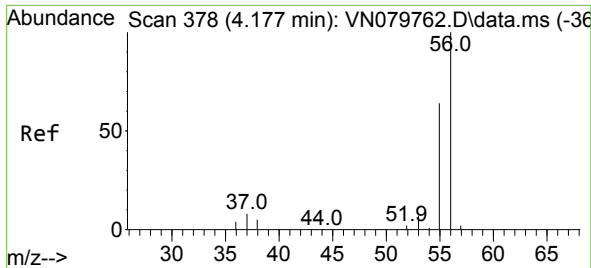
Tgt Ion: 59 Resp: 126668
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 43.361 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 96 Resp: 121900
Ion Ratio Lower Upper
96 100
61 169.2 112.7 169.1#
98 62.1 51.2 76.8





#13

Acrolein

Concen: 276.048 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

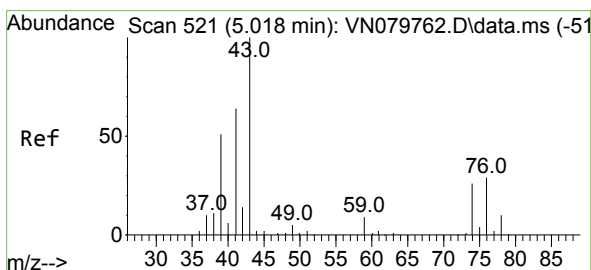
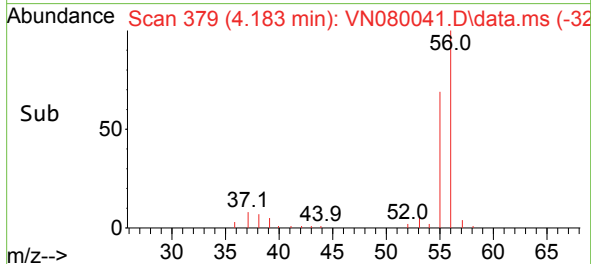
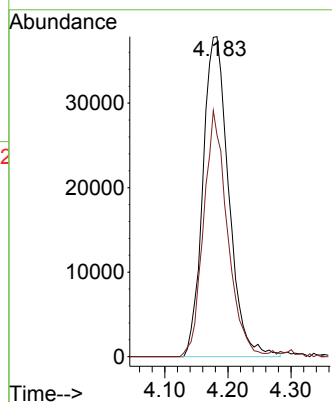
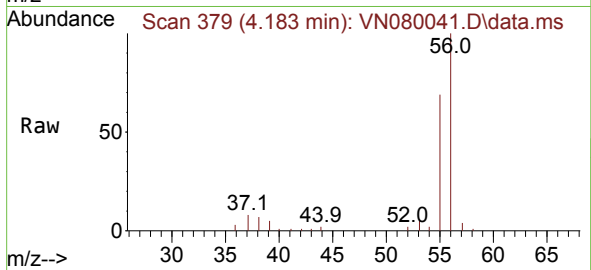
ClientSampleId :

Tgt Ion: 56 Resp: 107624

Ion Ratio Lower Upper

56 100

55 71.0 54.5 81.7



#14

Allyl chloride

Concen: 41.311 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

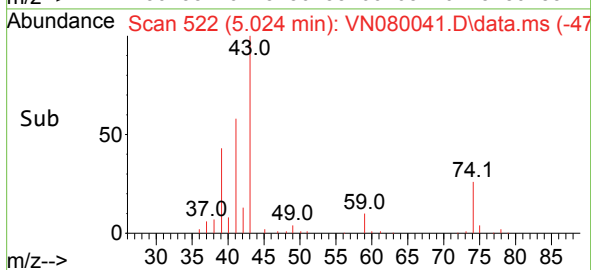
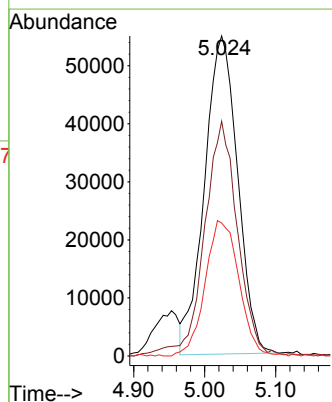
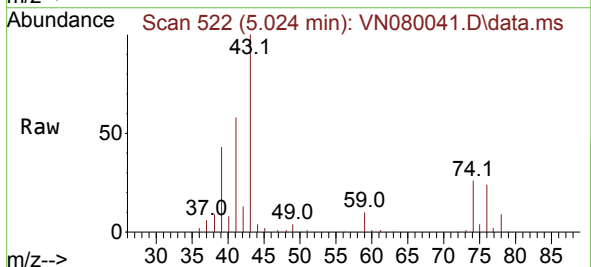
Tgt Ion: 41 Resp: 177881

Ion Ratio Lower Upper

41 100

39 73.8 58.8 88.2

76 43.3 39.1 58.7

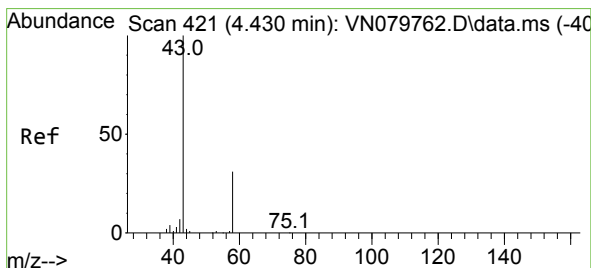
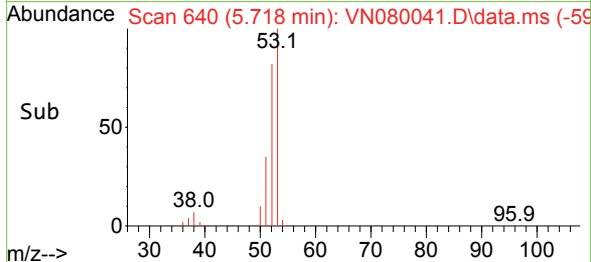
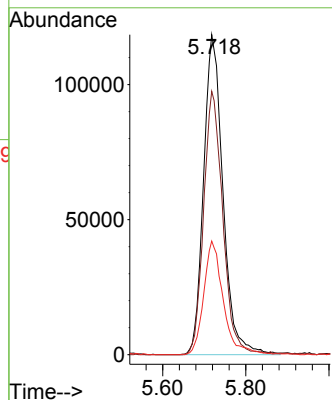
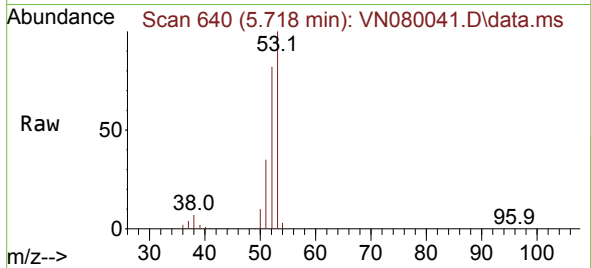




#15
Acrylonitrile
Concen: 242.500 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

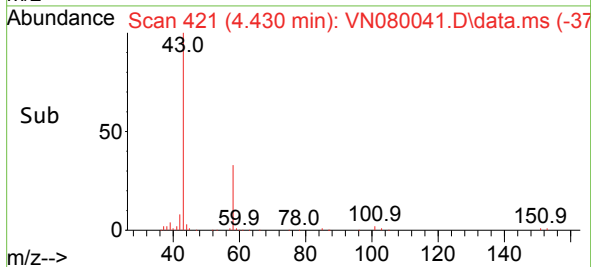
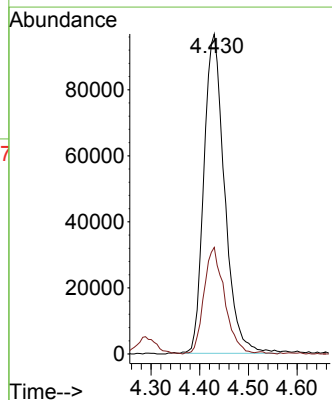
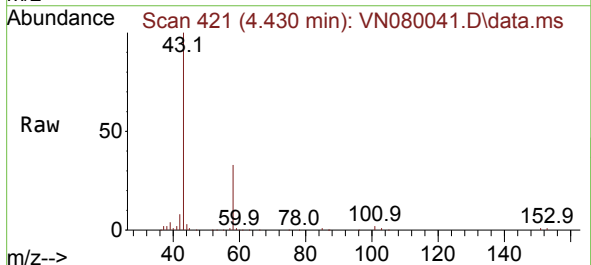
Instrument :
MSVOA_N
ClientSampleId :

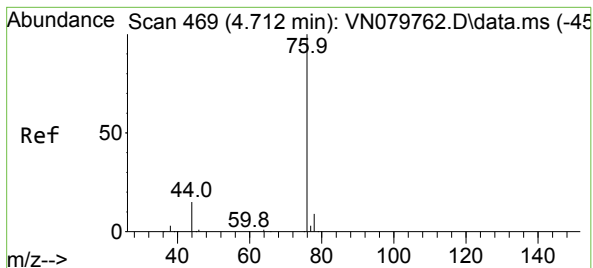
Tgt Ion: 53 Resp: 383867
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 35.7 28.9 43.3



#16
Acetone
Concen: 204.243 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 43 Resp: 285473
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





#17

Carbon Disulfide

Concen: 36.531 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

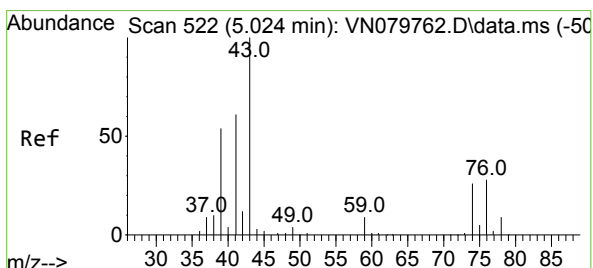
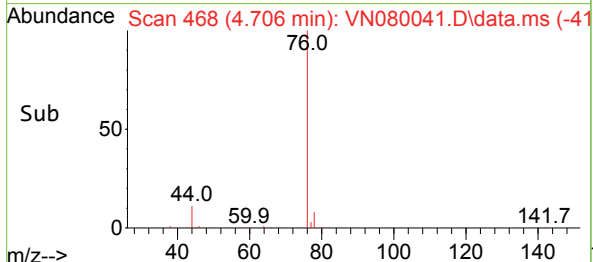
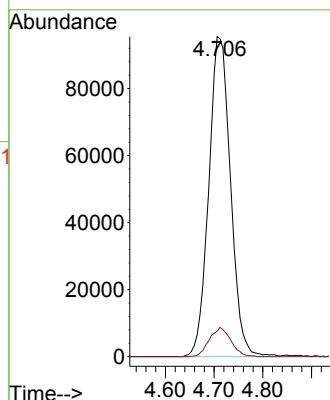
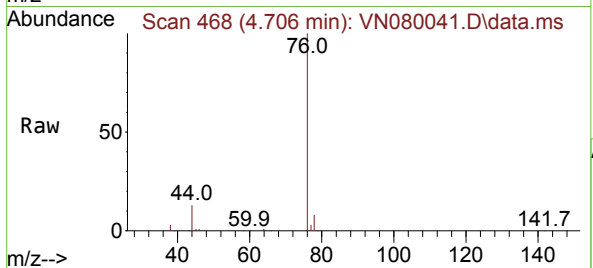
ClientSampleId :

Tgt Ion: 76 Resp: 296238

Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0



#18

Methyl Acetate

Concen: 45.728 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN080041.D

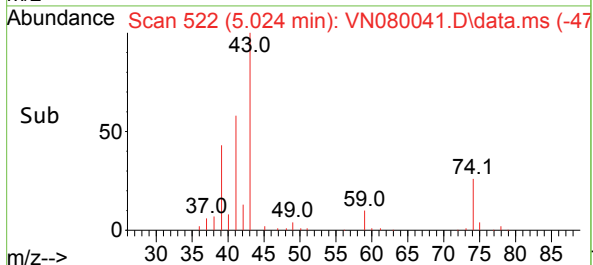
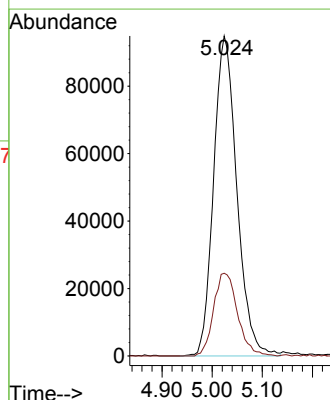
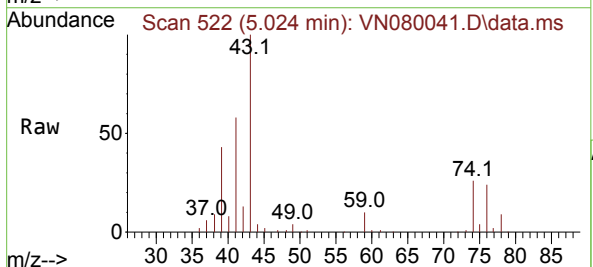
Acq: 09 Nov 2023 22:57

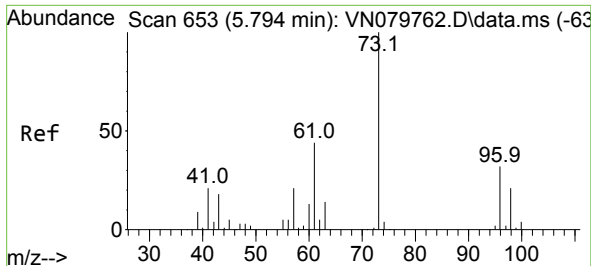
Tgt Ion: 43 Resp: 305784

Ion Ratio Lower Upper

43 100

74 26.6 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 51.117 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

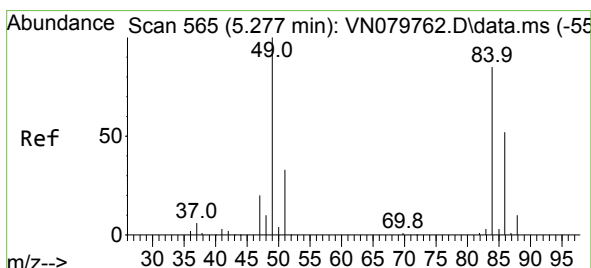
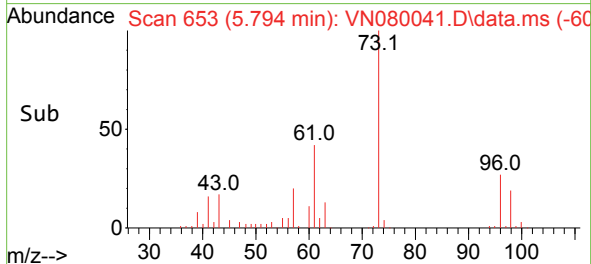
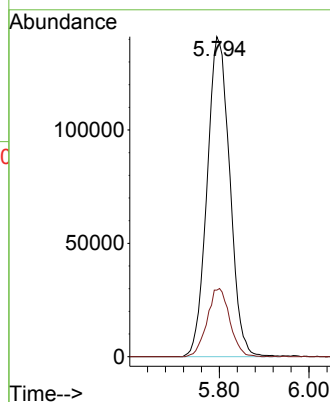
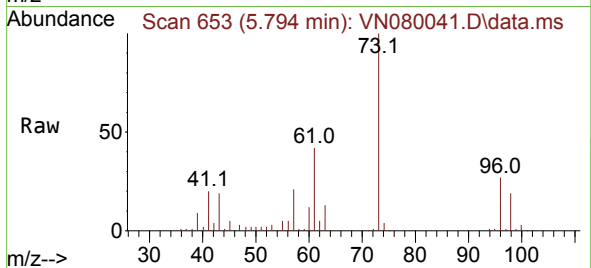
ClientSampleId :

Tgt Ion: 73 Resp: 494755

Ion Ratio Lower Upper

73 100

57 20.8 15.6 23.4



#20

Methylene Chloride

Concen: 43.838 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Tgt Ion: 84 Resp: 154607

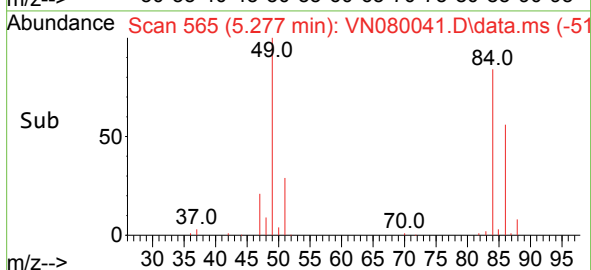
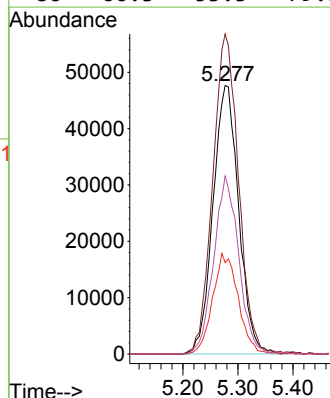
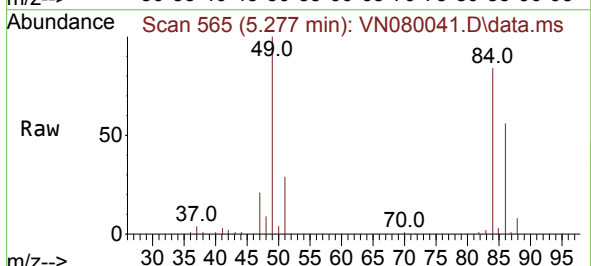
Ion Ratio Lower Upper

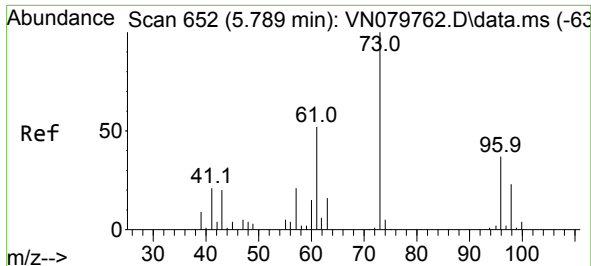
84 100

49 119.2 79.7 119.5

51 34.0 25.2 37.8

86 66.3 53.3 79.9

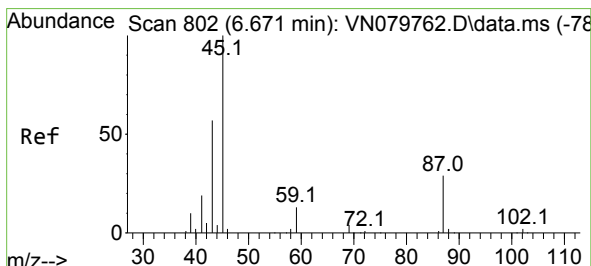
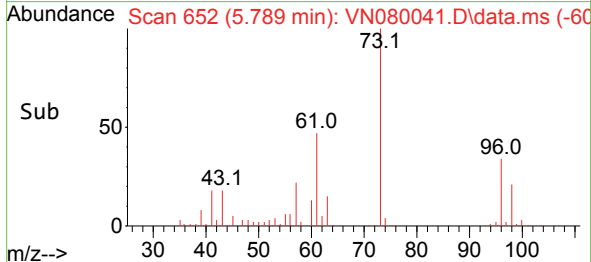
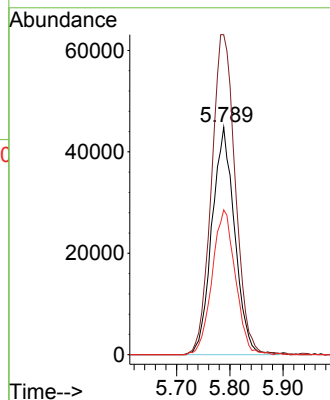
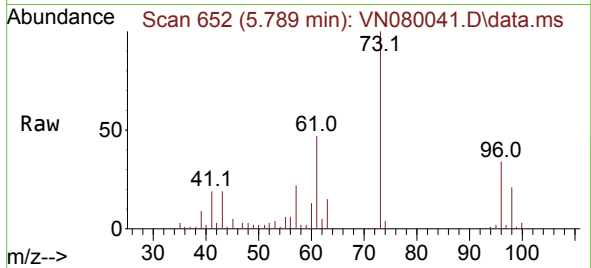




#21
trans-1,2-Dichloroethene
Concen: 42.509 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

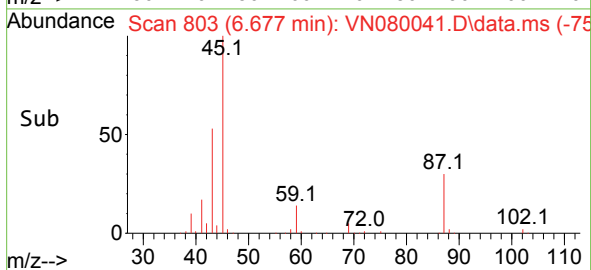
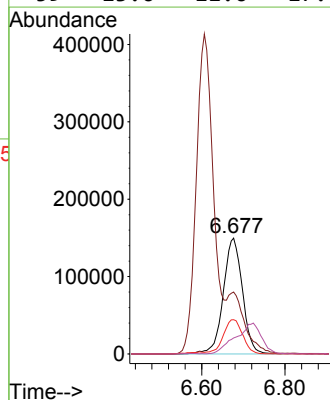
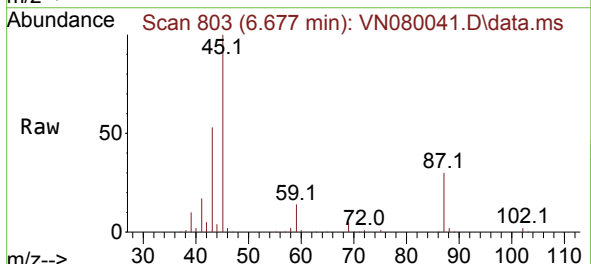
Instrument :
MSVOA_N
ClientSampleId :

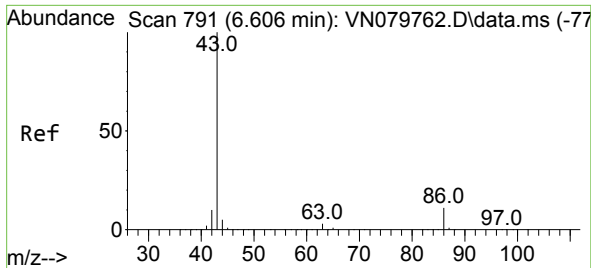
Tgt Ion: 96 Resp: 133284
Ion Ratio Lower Upper
96 100
61 140.6 90.1 135.1#
98 63.6 46.4 69.6



#22
Diisopropyl ether
Concen: 47.937 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 45 Resp: 478342
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 29.6 31.8 47.8#
59 13.6 11.6 17.4

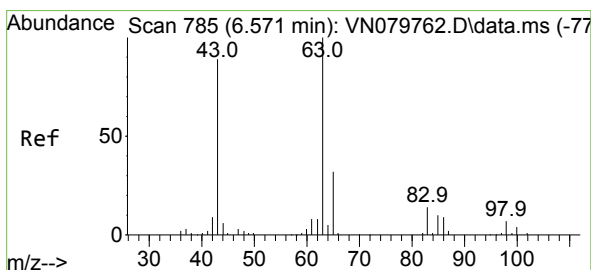
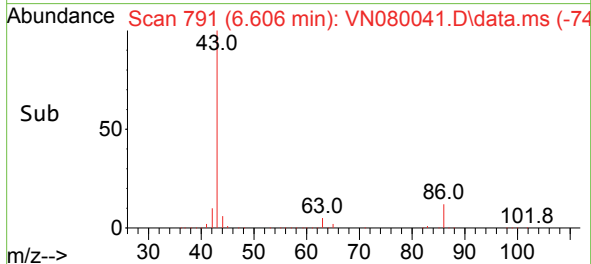
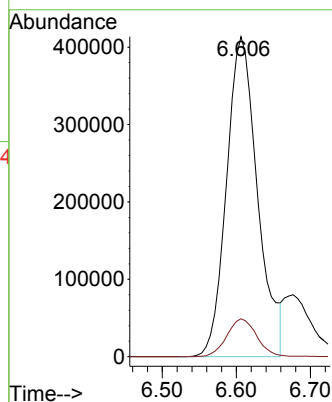
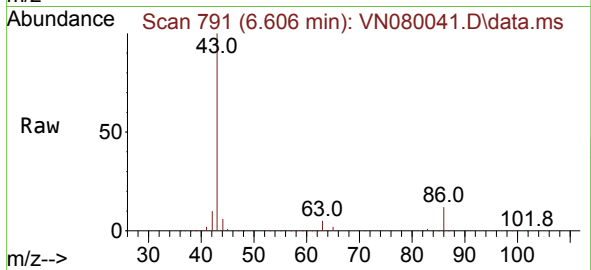




#23
 Vinyl Acetate
 Concen: 218.710 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

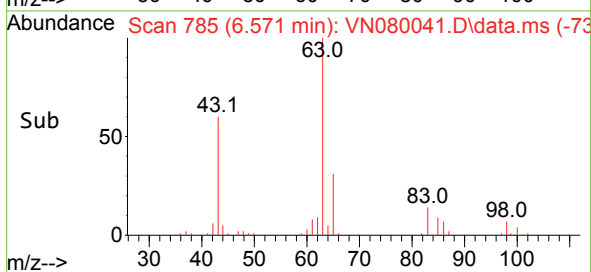
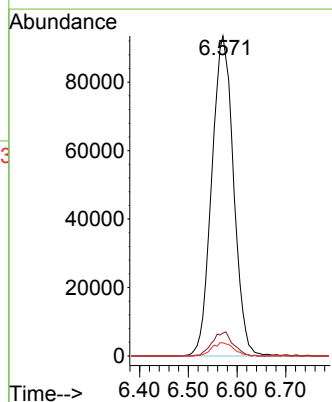
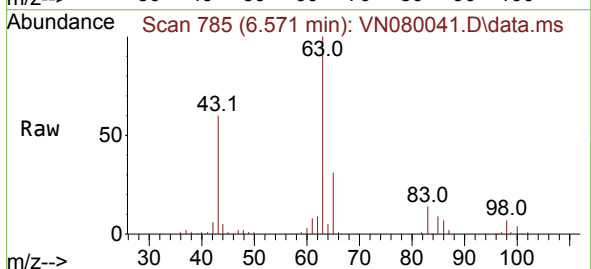
Instrument :
 MSVOA_N
 ClientSampleId :

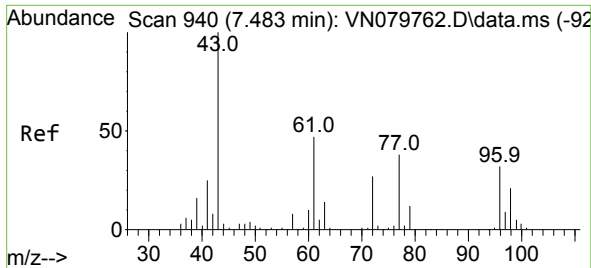
Tgt Ion: 43 Resp: 1203802
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.956 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

Tgt Ion: 63 Resp: 290849
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.1 2.5 7.4

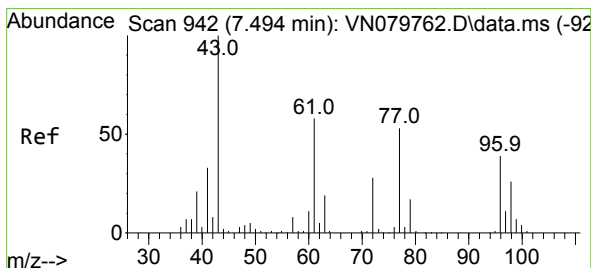
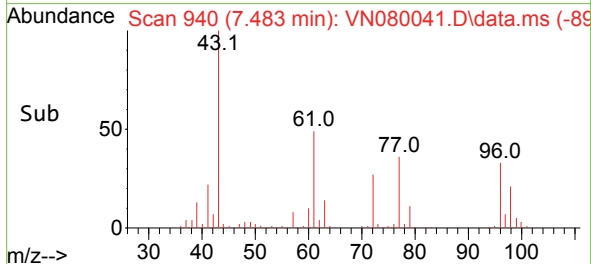
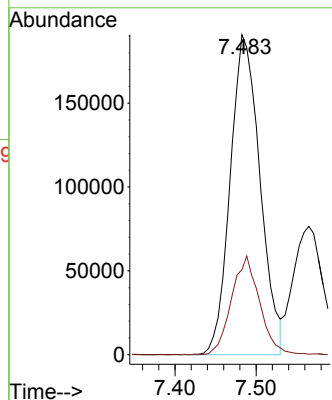
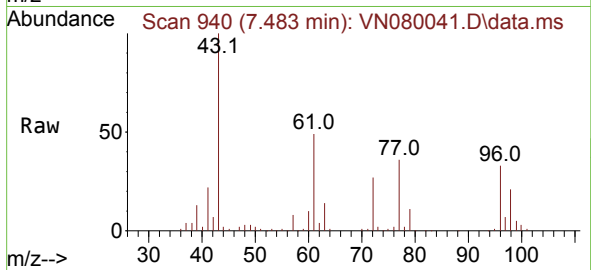




#25
2-Butanone
Concen: 237.840 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

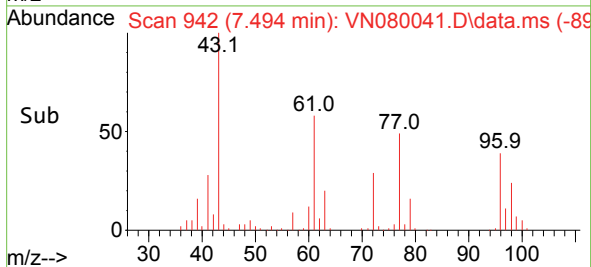
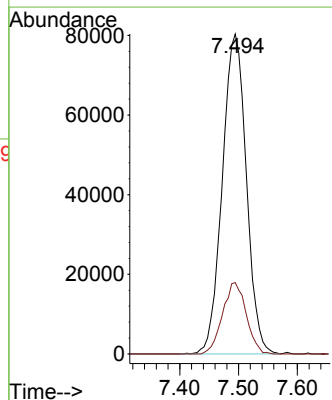
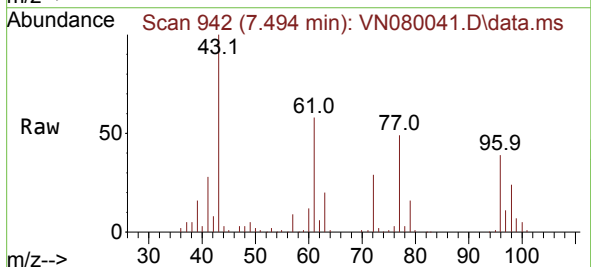
Instrument :
MSVOA_N
ClientSampleId :

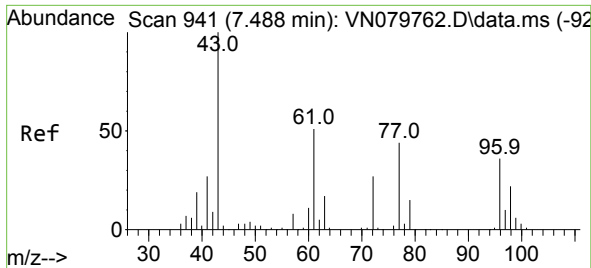
Tgt Ion: 43 Resp: 486798
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 45.465 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 77 Resp: 228047
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6

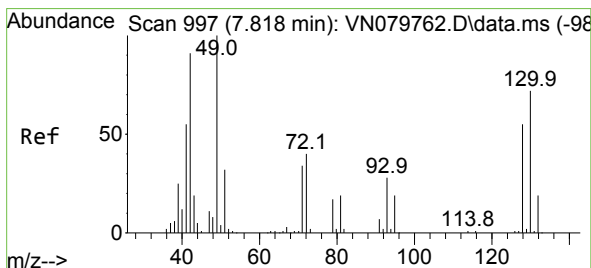
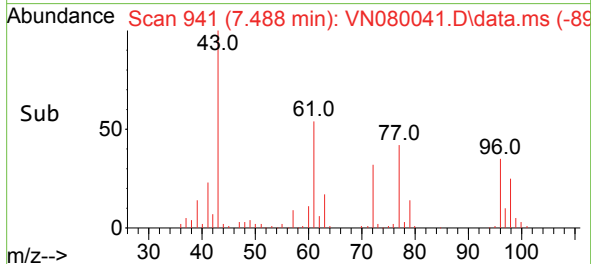
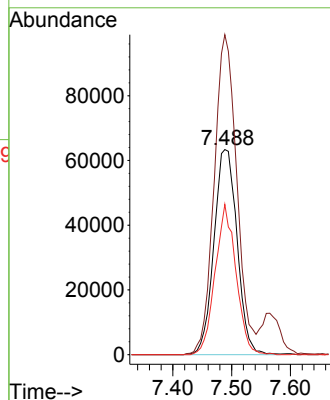
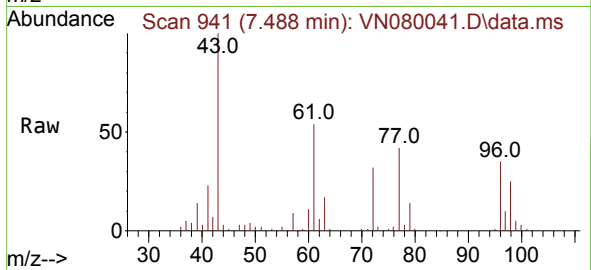




#27
 cis-1,2-Dichloroethene
 Concen: 46.250 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

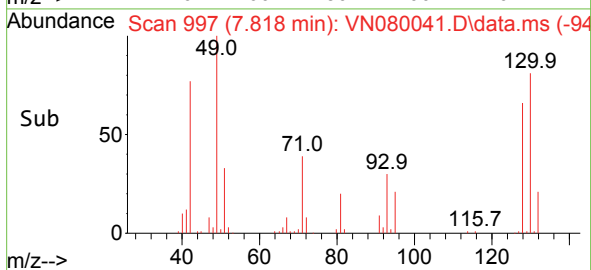
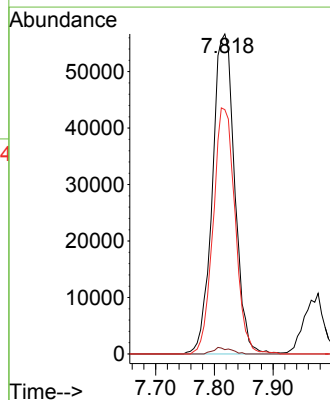
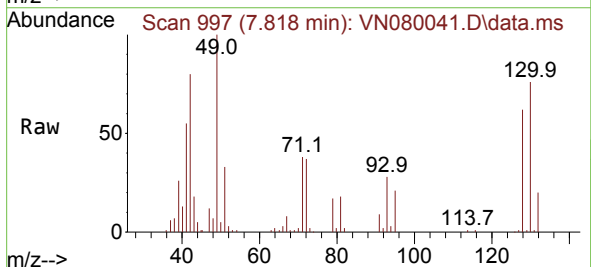
Instrument :
 MSVOA_N
 ClientSampleId :

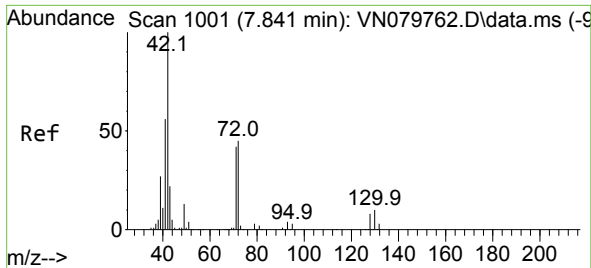
Tgt Ion: 96 Resp: 173462
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 255.2
 98 66.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.464 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

Tgt Ion: 49 Resp: 149155
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 75.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 252.199 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

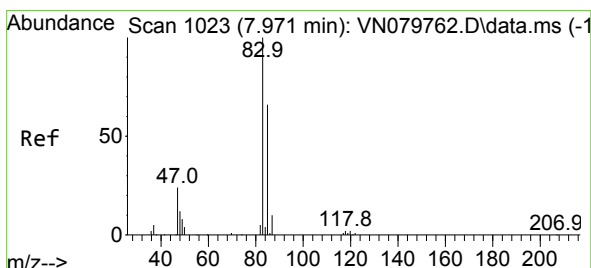
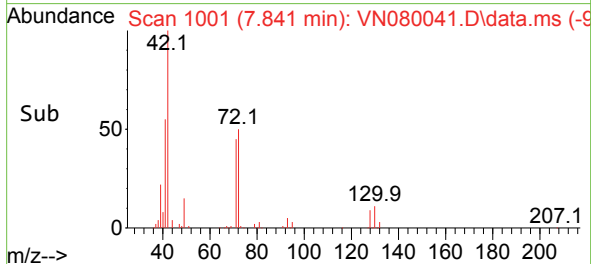
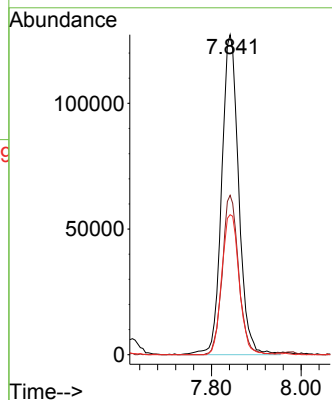
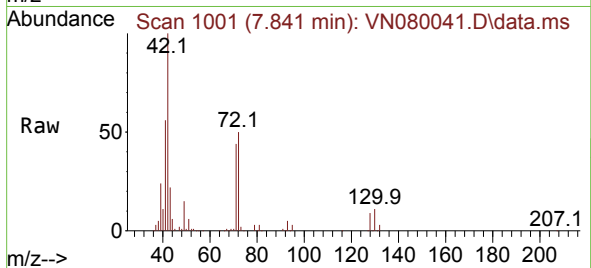
Tgt Ion: 42 Resp: 335838

Ion Ratio Lower Upper

42 100

72 47.9 49.8 74.6#

71 44.7 47.4 71.2#



#30

Chloroform

Concen: 50.473 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN080041.D

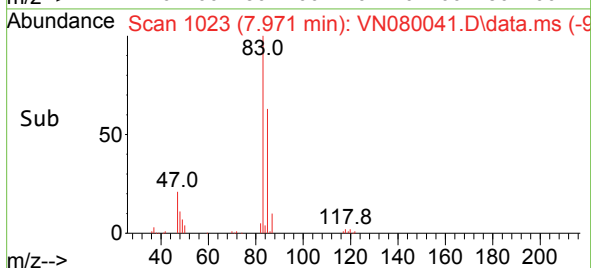
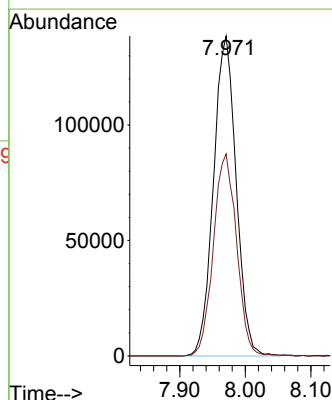
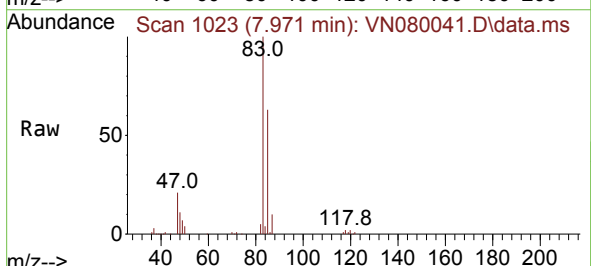
Acq: 09 Nov 2023 22:57

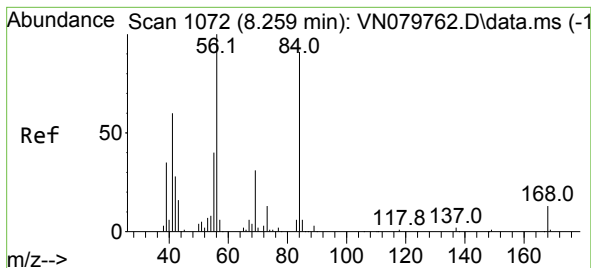
Tgt Ion: 83 Resp: 332513

Ion Ratio Lower Upper

83 100

85 63.2 55.4 83.0





#31

Cyclohexane

Concen: 44.097 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

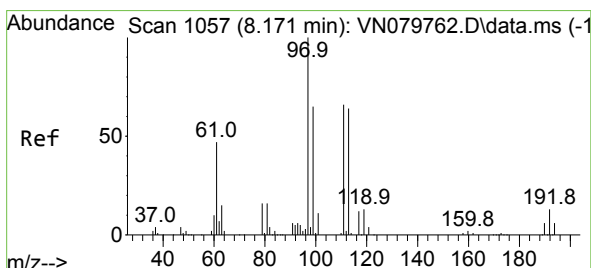
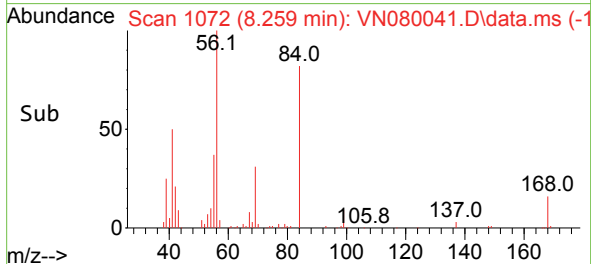
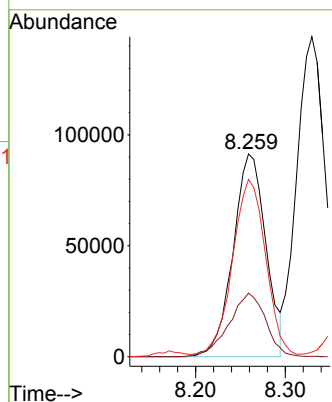
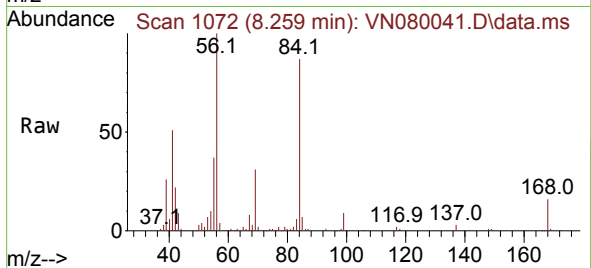
Tgt Ion: 56 Resp: 231866

Ion Ratio Lower Upper

56 100

69 31.3 26.8 40.2

84 85.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 54.859 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

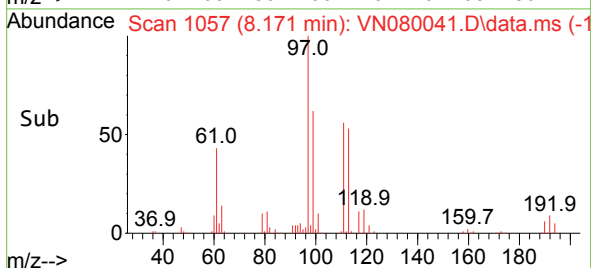
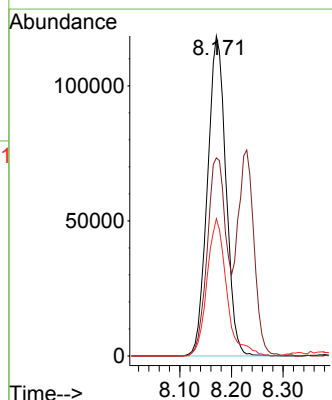
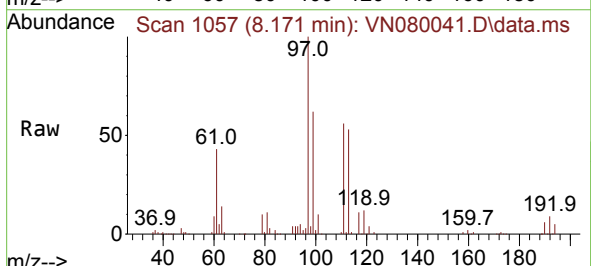
Tgt Ion: 97 Resp: 294478

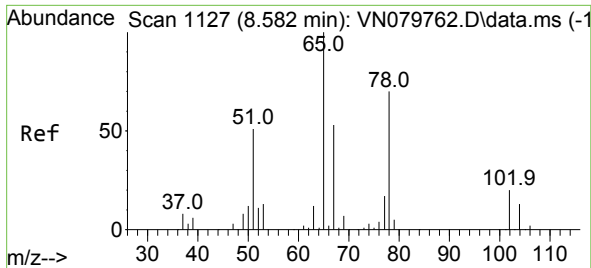
Ion Ratio Lower Upper

97 100

99 64.4 50.3 75.5

61 45.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.657 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

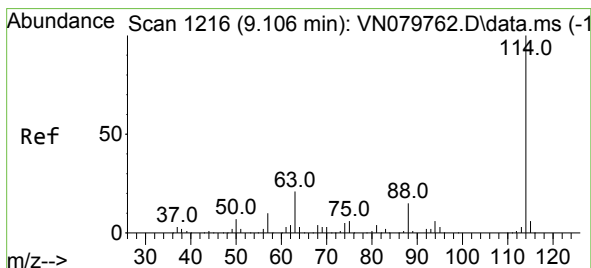
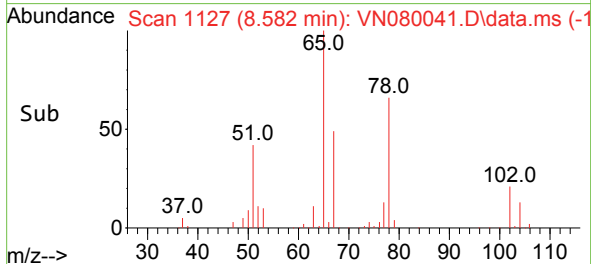
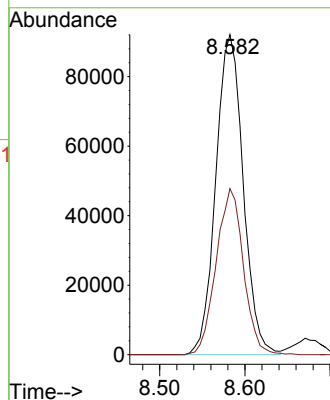
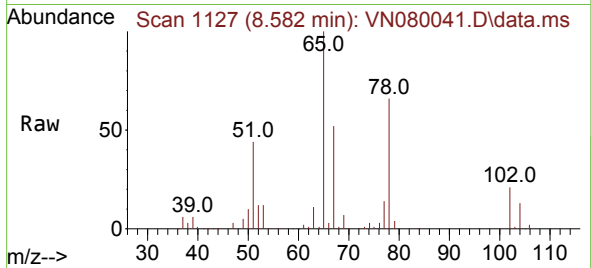
ClientSampleId :

Tgt Ion: 65 Resp: 205551

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

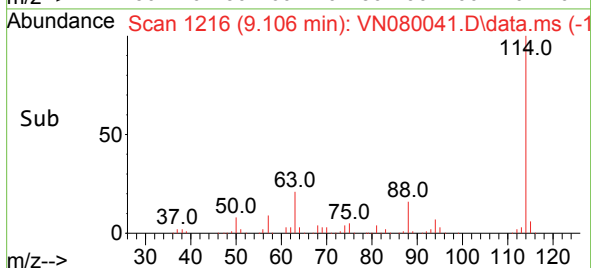
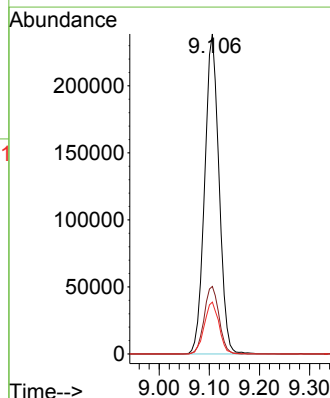
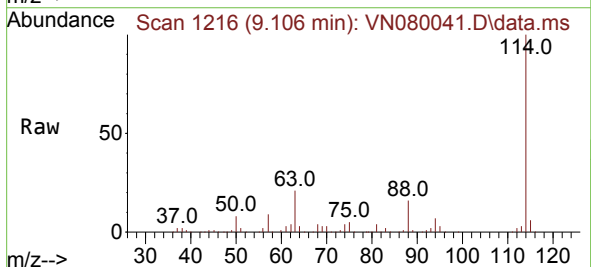
Tgt Ion: 114 Resp: 474813

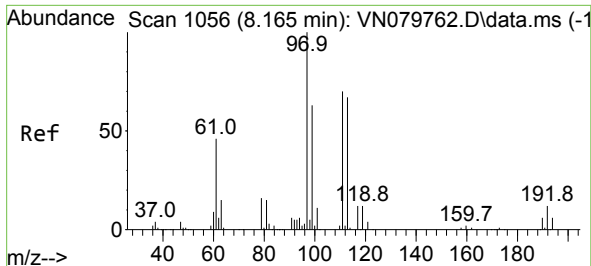
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

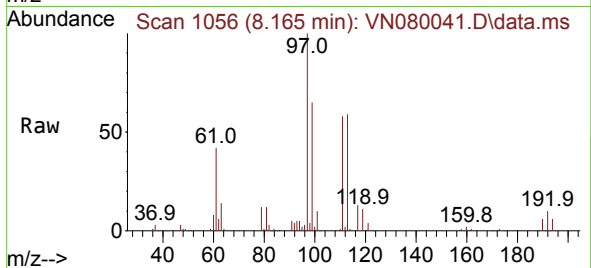
88 16.2 0.0 30.6



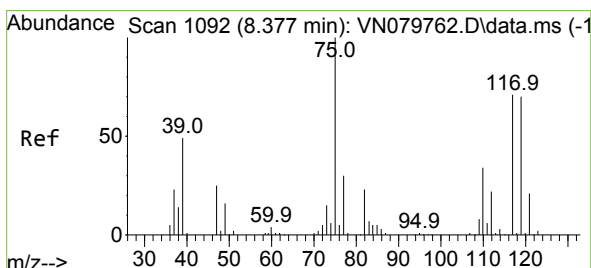
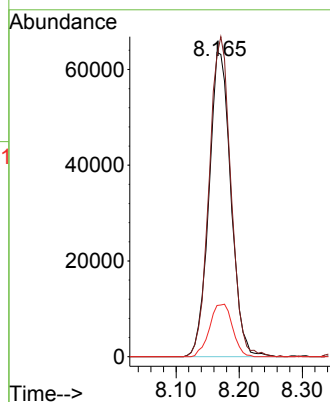
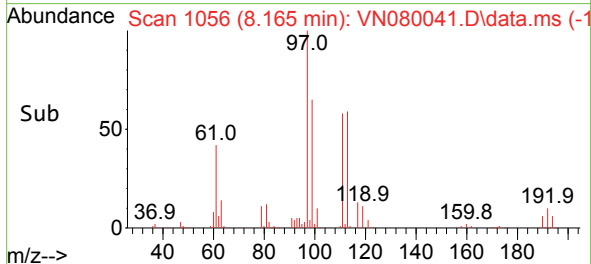


#35
Dibromofluoromethane
Concen: 45.695 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

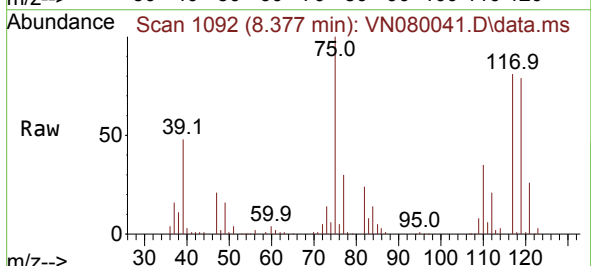
Instrument :
MSVOA_N
ClientSampleId :



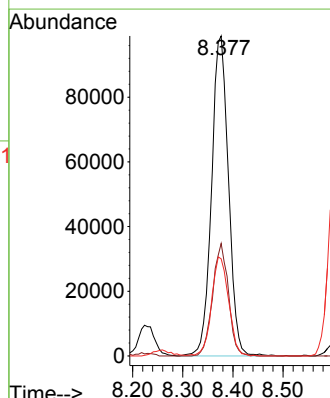
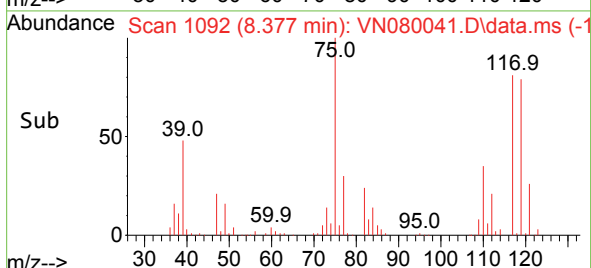
Tgt Ion:113 Resp: 153560
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 18.0 12.7 19.1

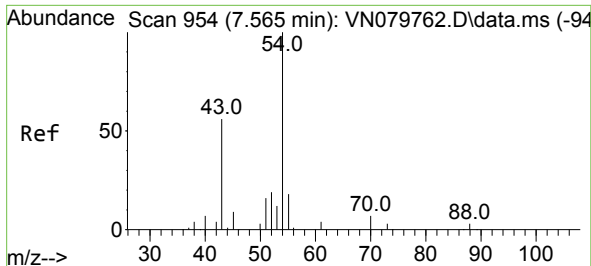


#36
1,1-Dichloropropene
Concen: 48.277 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57



Tgt Ion: 75 Resp: 231647
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 31.2 25.0 37.4

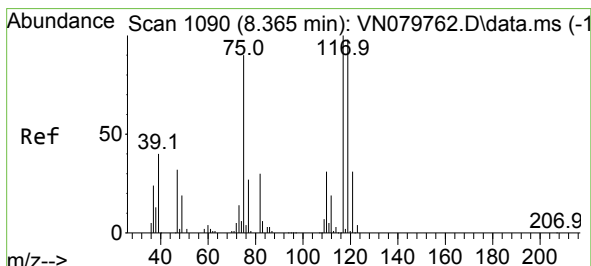
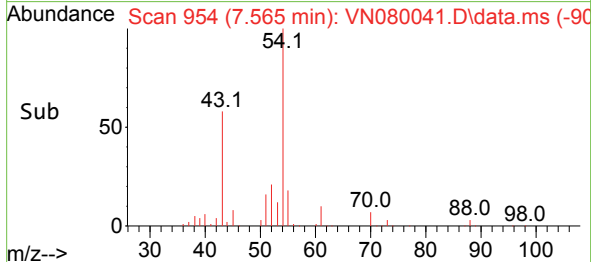
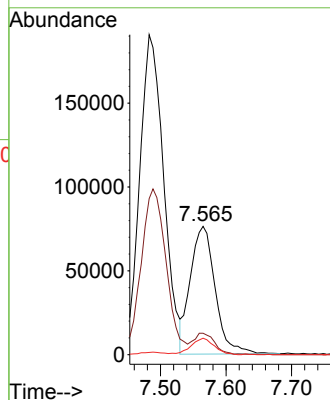
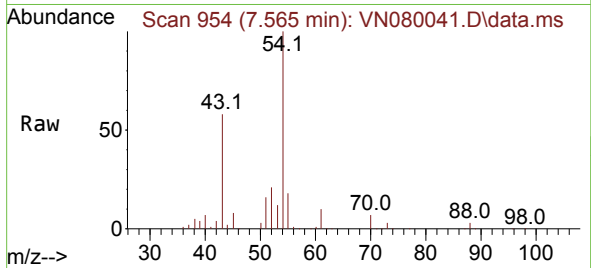




#37
Ethyl Acetate
Concen: 45.819 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

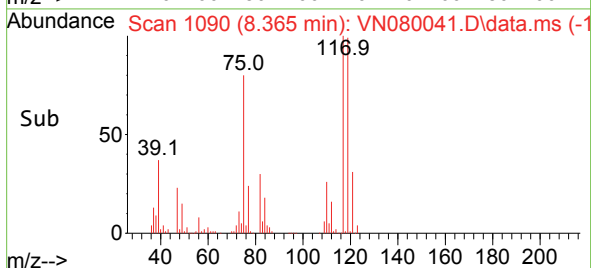
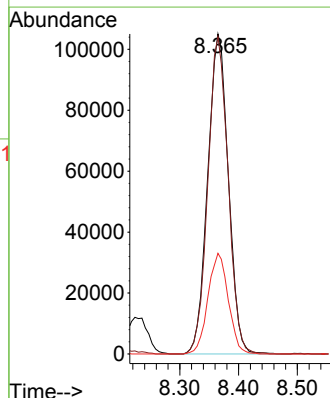
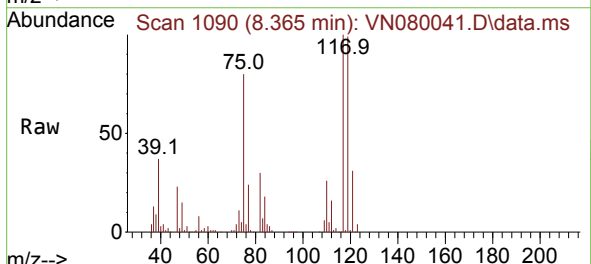
Instrument :
MSVOA_N
ClientSampleId :

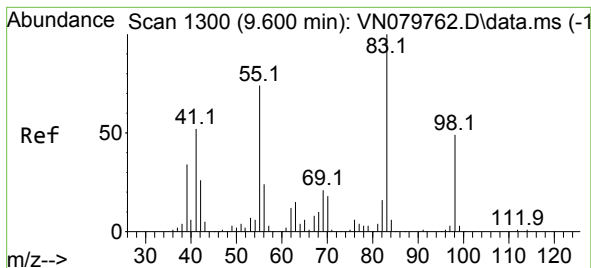
Tgt Ion: 43 Resp: 201631
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.7 11.3 16.9



#38
Carbon Tetrachloride
Concen: 53.085 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 117 Resp: 256707
Ion Ratio Lower Upper
117 100
119 99.2 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 51.287 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

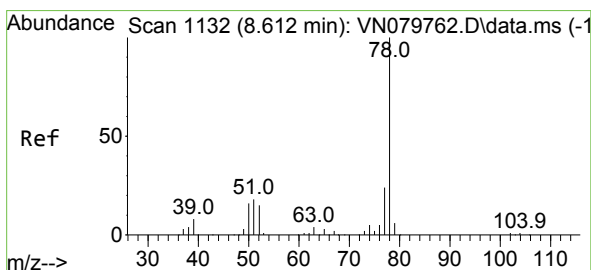
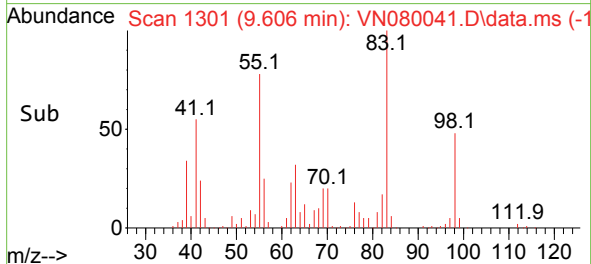
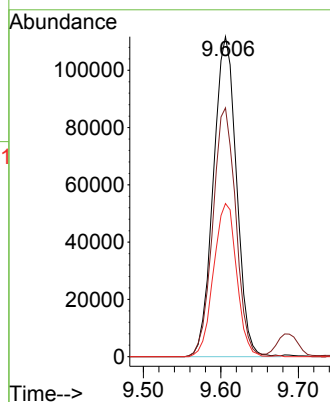
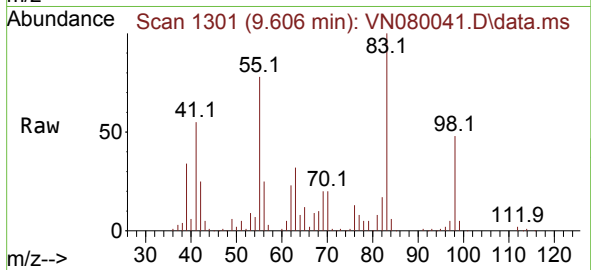
Tgt Ion: 83 Resp: 231594

Ion Ratio Lower Upper

83 100

55 77.7 49.1 73.7#

98 47.9 40.6 61.0



#40

Benzene

Concen: 50.572 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN080041.D

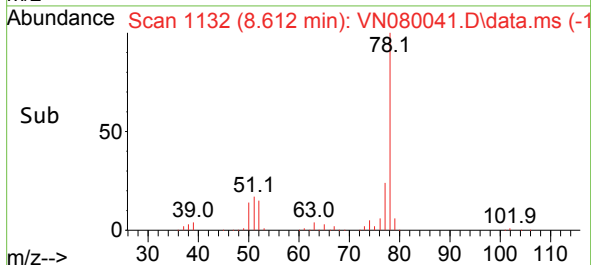
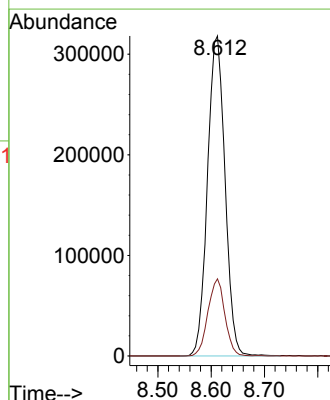
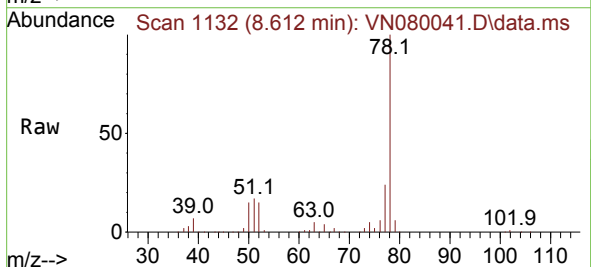
Acq: 09 Nov 2023 22:57

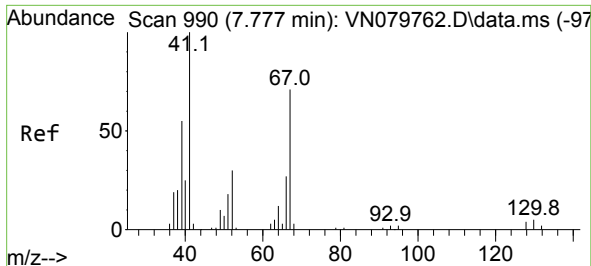
Tgt Ion: 78 Resp: 726799

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6



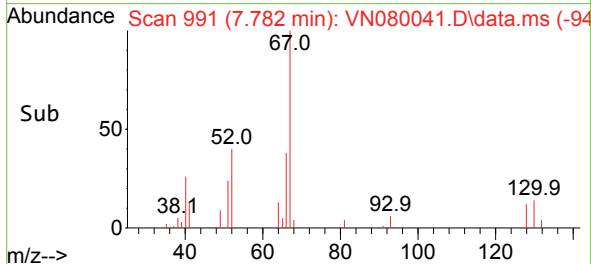
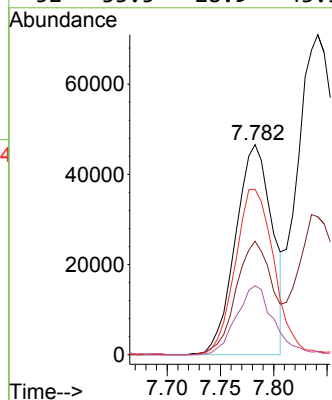
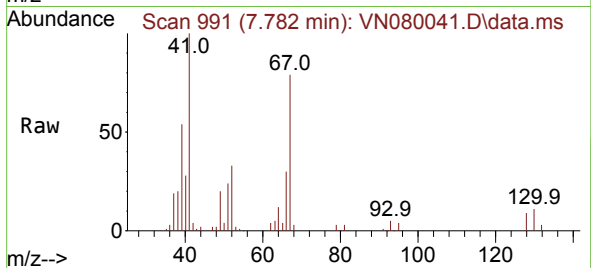


#41
Methacrylonitrile
Concen: 48.000 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 112167

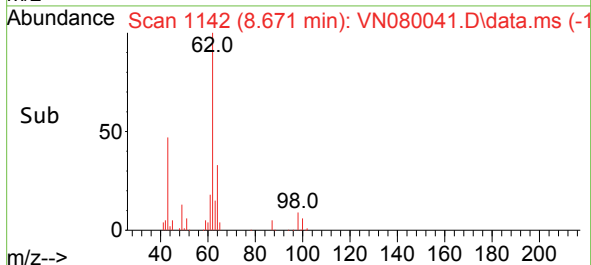
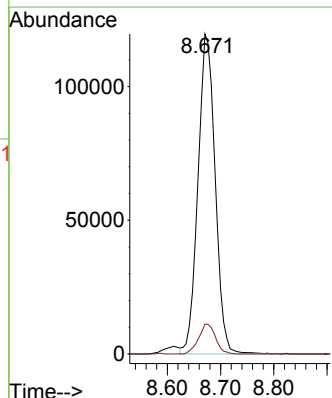
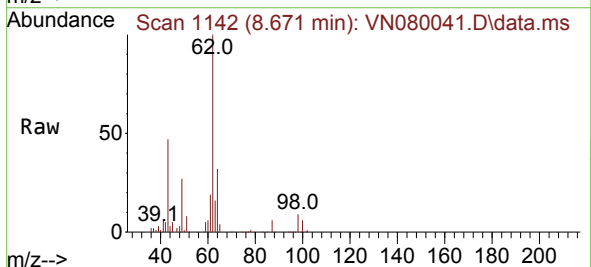
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.6	64.0
67	83.5	77.5	116.3
52	33.5	28.9	43.3

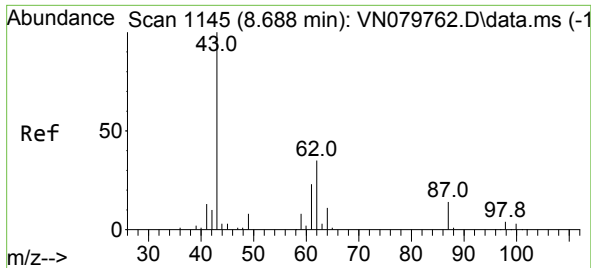


#42
1,2-Dichloroethane
Concen: 53.516 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 62 Resp: 268653

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

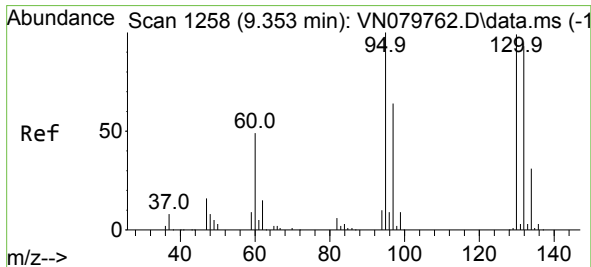
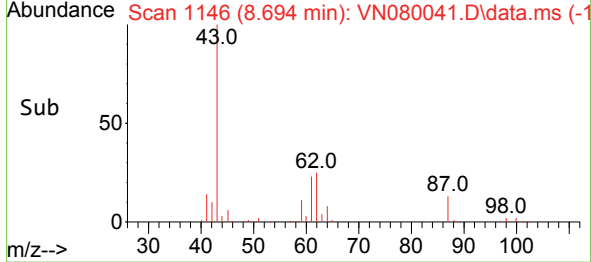
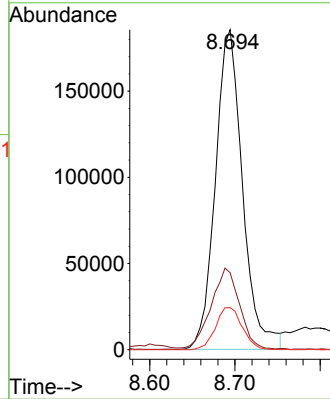
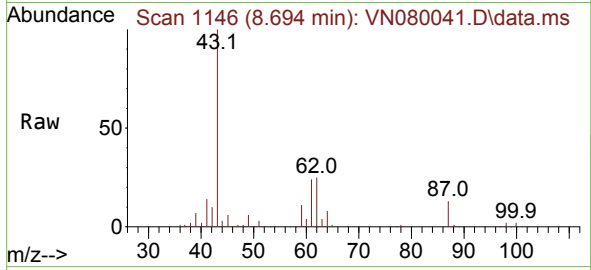




#43
Isopropyl Acetate
Concen: 53.280 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

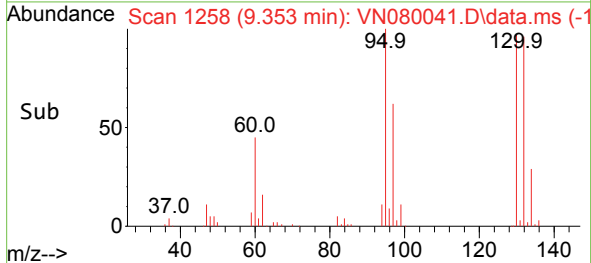
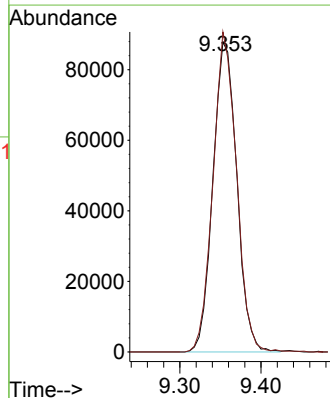
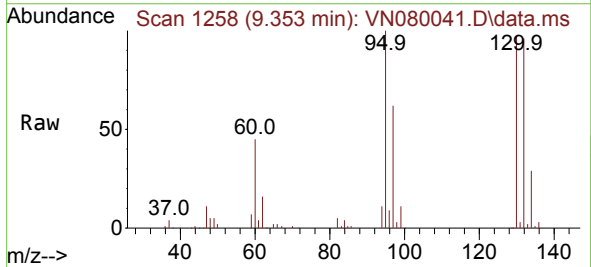
Instrument :
MSVOA_N
ClientSampleId :

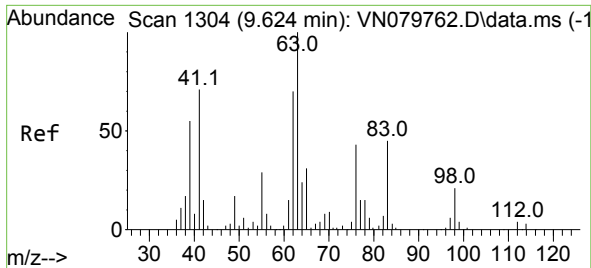
Tgt Ion: 43 Resp: 411177
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 12.9 14.6 21.8#



#44
Trichloroethene
Concen: 50.410 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion:130 Resp: 179771
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.6

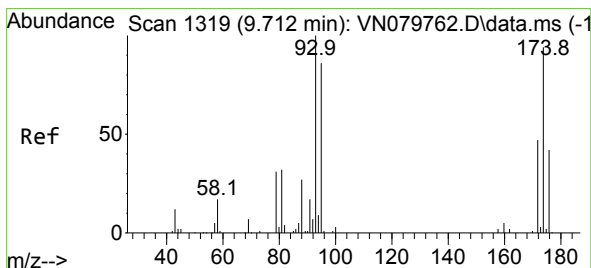
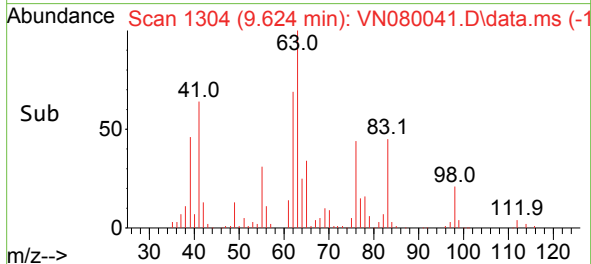
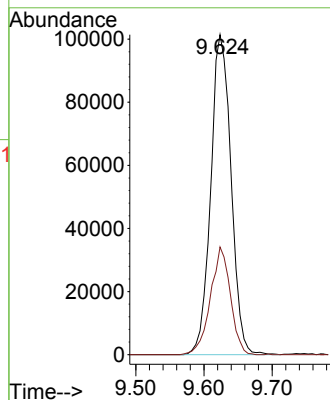
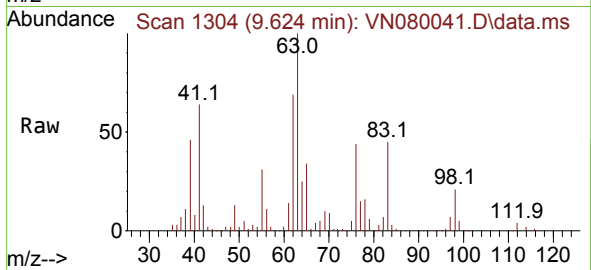




#45
1,2-Dichloropropane
Concen: 57.241 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

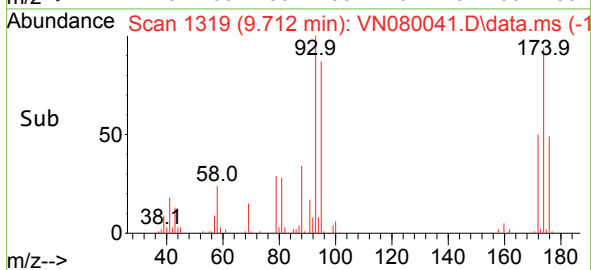
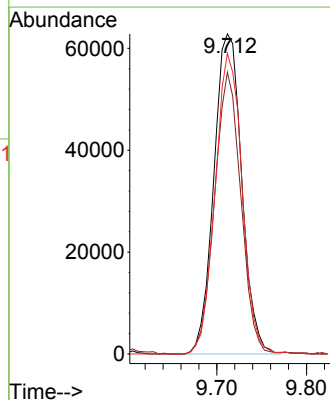
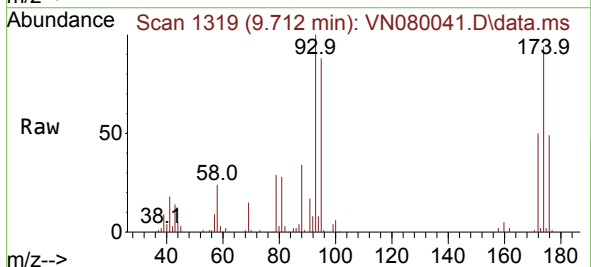
Instrument :
MSVOA_N
ClientSampleId :

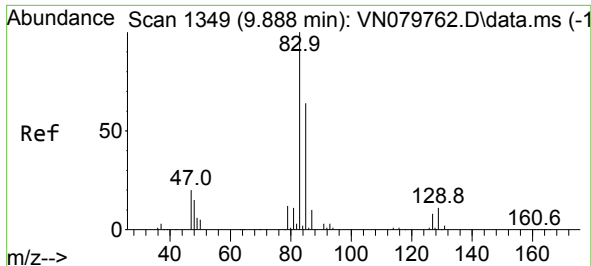
Tgt Ion: 63 Resp: 210232
Ion Ratio Lower Upper
63 100
65 33.7 23.9 35.9



#46
Dibromomethane
Concen: 53.974 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

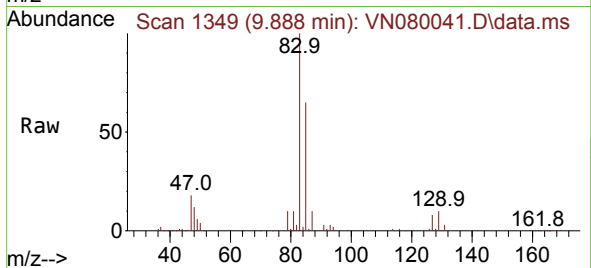
Tgt Ion: 93 Resp: 135355
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 91.0 65.6 98.4



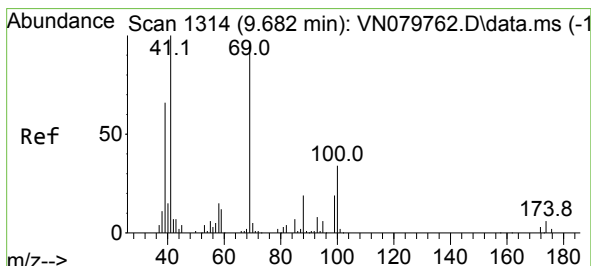
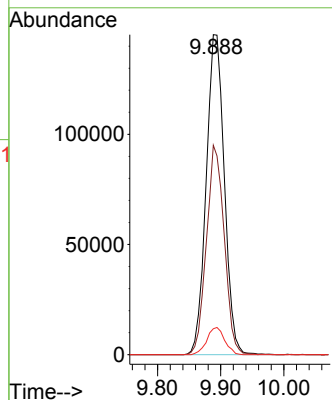
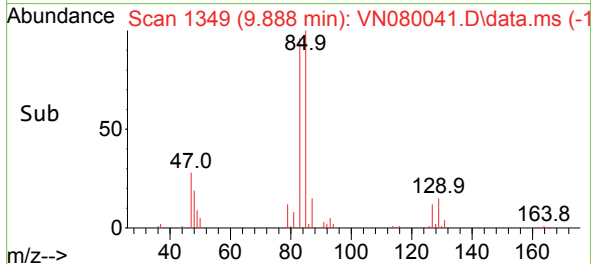


#47
Bromodichloromethane
Concen: 54.291 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Instrument :
MSVOA_N
ClientSampleId :

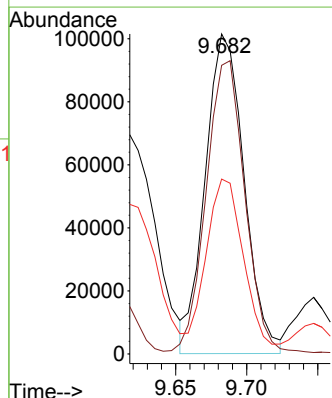
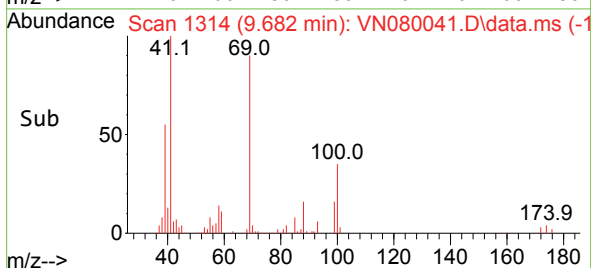
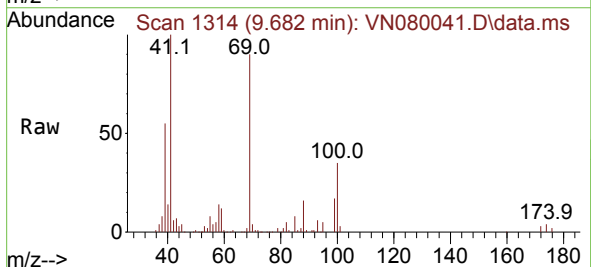


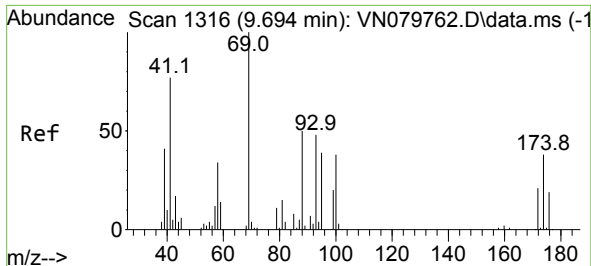
Tgt Ion: 83 Resp: 290365
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 57.058 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 41 Resp: 192873
Ion Ratio Lower Upper
41 100
69 92.6 90.4 135.6
39 53.5 54.6 81.8#





#49

1,4-Dioxane

Concen: 1180.779 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

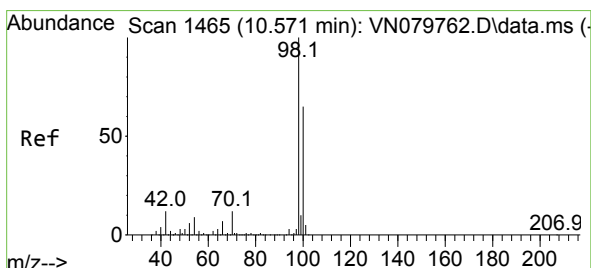
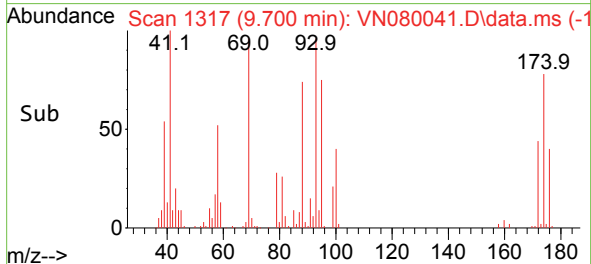
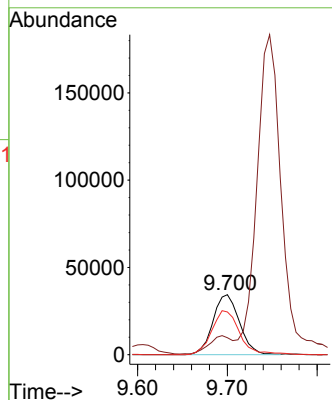
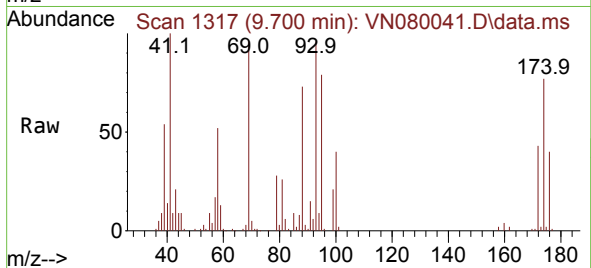
Tgt Ion: 88 Resp: 70527

Ion Ratio Lower Upper

88 100

43 25.7 17.0 25.6#

58 77.4 47.0 70.4#



#50

Toluene-d8

Concen: 51.066 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080041.D

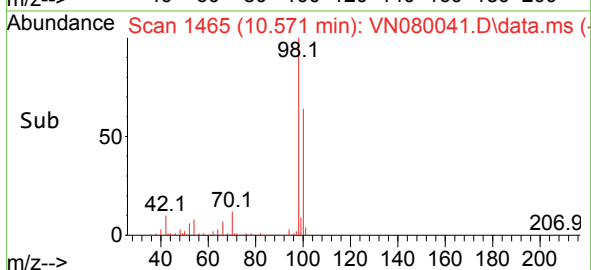
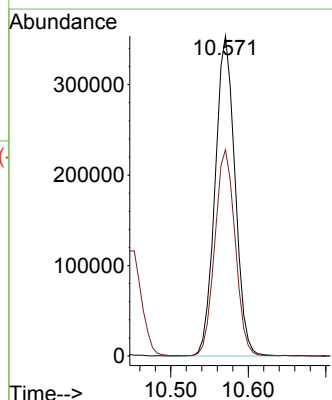
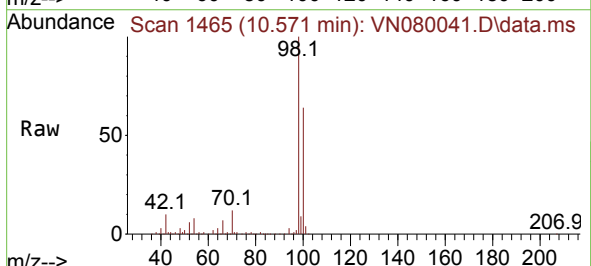
Acq: 09 Nov 2023 22:57

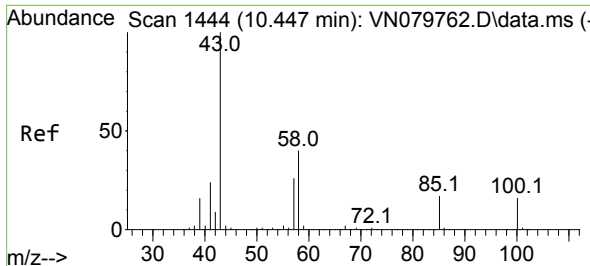
Tgt Ion: 98 Resp: 631758

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

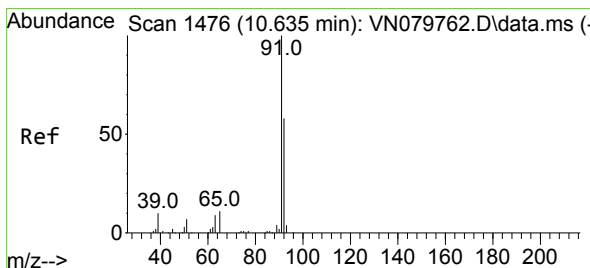
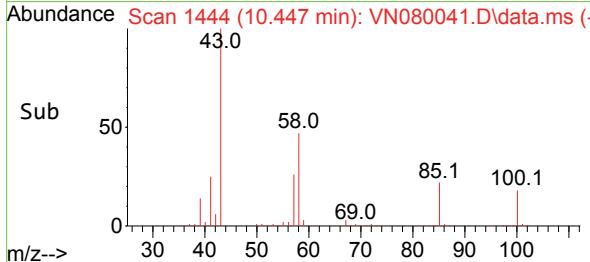
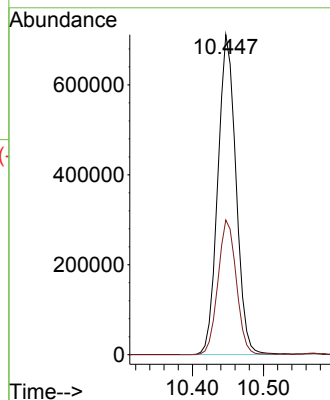
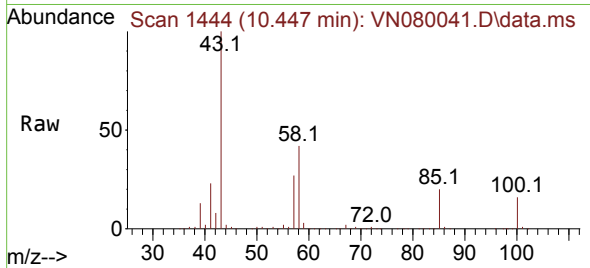




#51
4-Methyl-2-Pentanone
Concen: 289.393 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

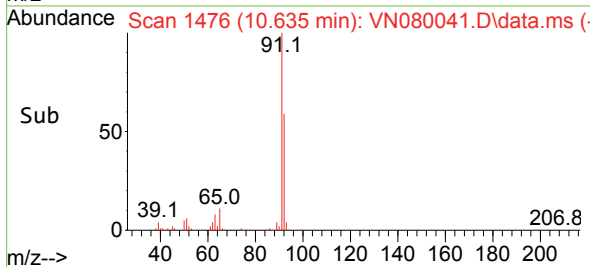
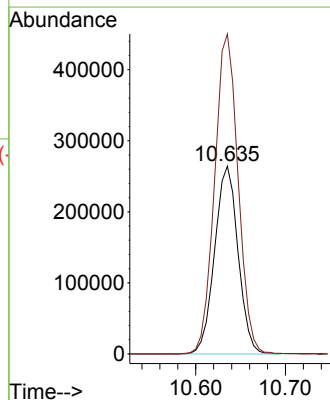
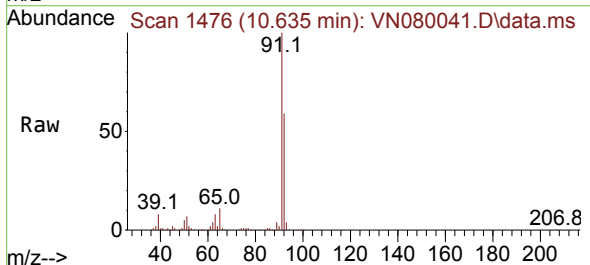
Instrument :
MSVOA_N
ClientSampleId :

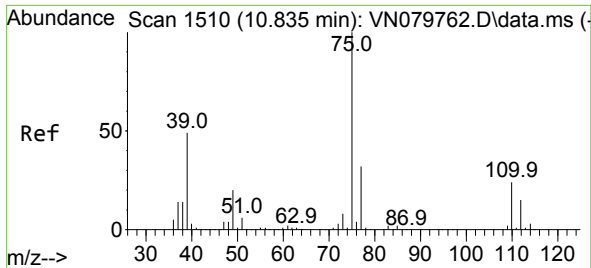
Tgt Ion: 43 Resp: 1257349
Ion Ratio Lower Upper
43 100
58 42.8 36.6 54.8



#52
Toluene
Concen: 56.160 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 92 Resp: 478488
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0

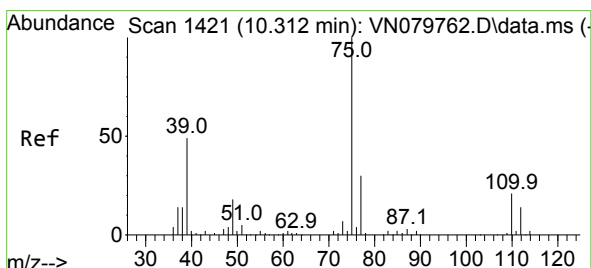
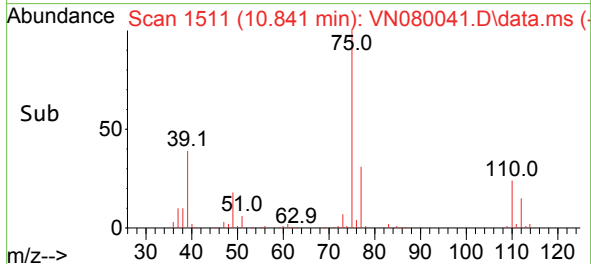
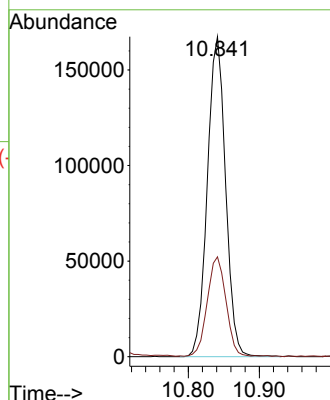
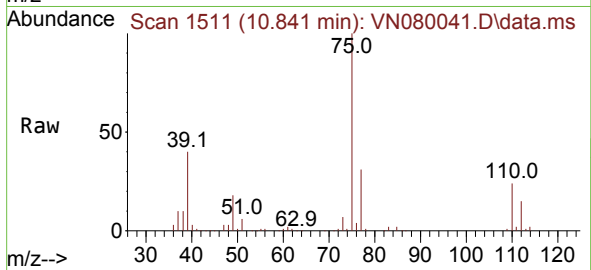




#53
 t-1,3-Dichloropropene
 Concen: 56.893 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

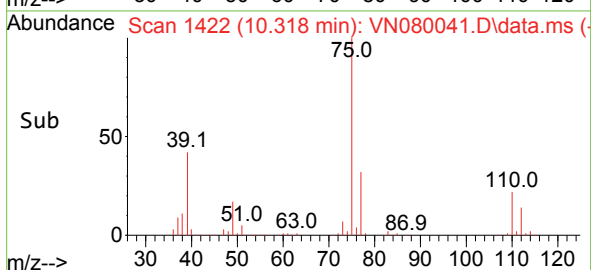
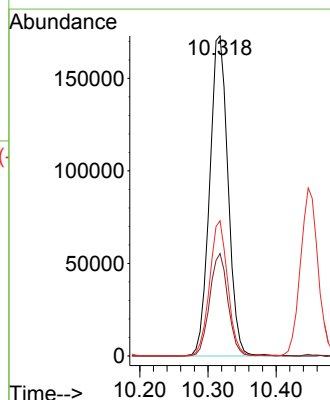
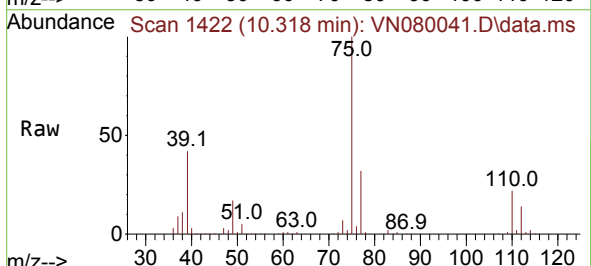
Instrument :
 MSVOA_N
 ClientSampleId :

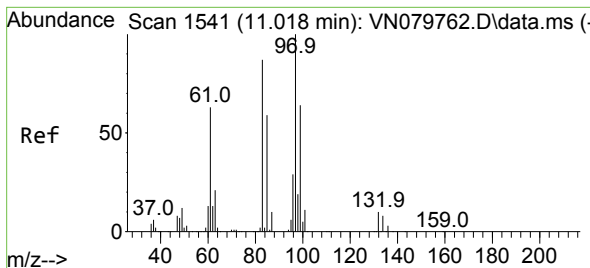
Tgt Ion: 75 Resp: 298296
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.799 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

Tgt Ion: 75 Resp: 324597
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.1 39.1
 39 42.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 56.447 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 193439

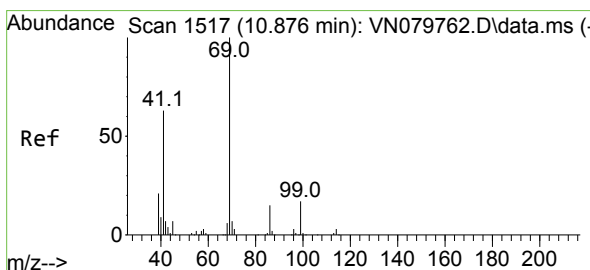
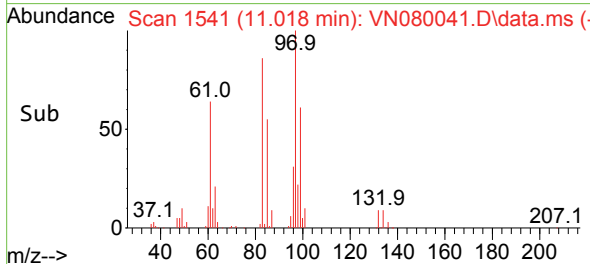
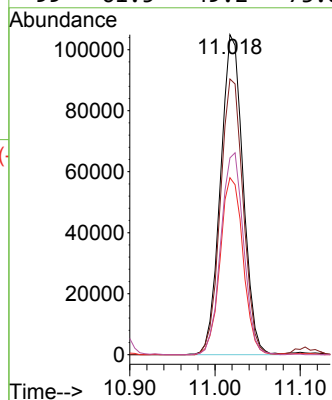
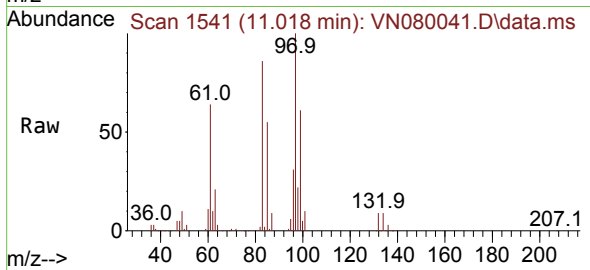
Ion Ratio Lower Upper

97 100

83 86.2 65.1 97.7

85 55.3 43.4 65.2

99 61.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 61.903 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

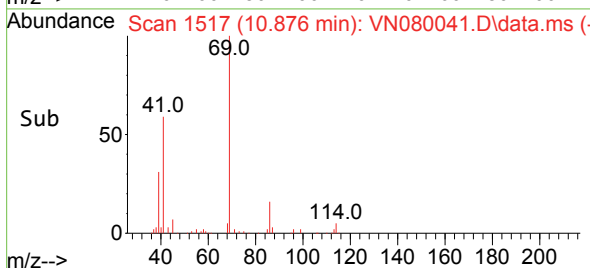
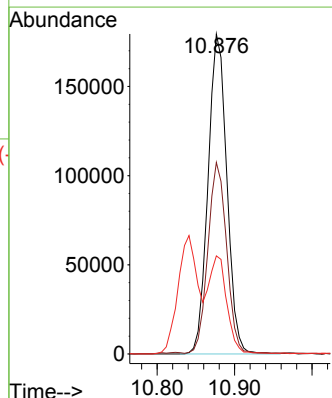
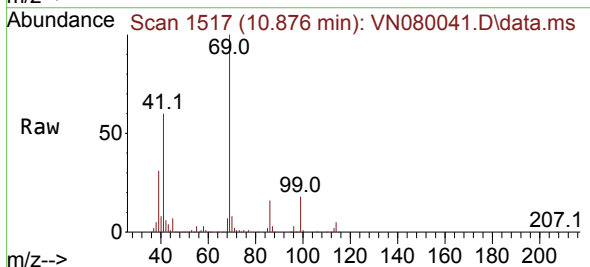
Tgt Ion: 69 Resp: 302590

Ion Ratio Lower Upper

69 100

41 59.2 39.6 59.4

39 29.7 28.6 43.0

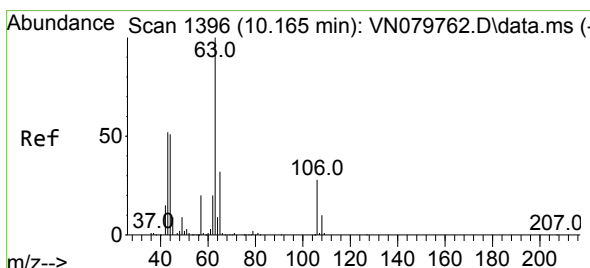
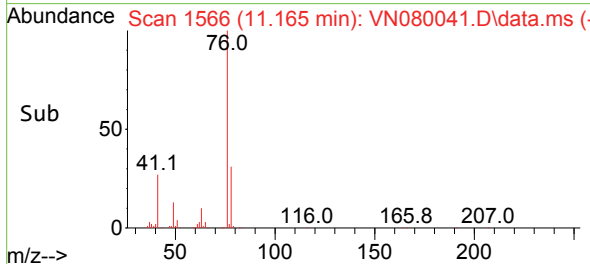
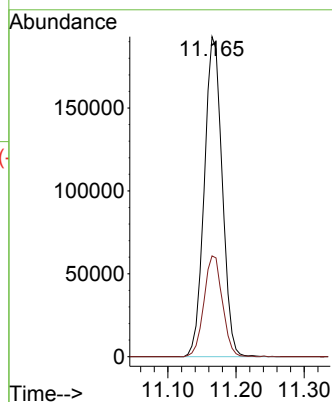
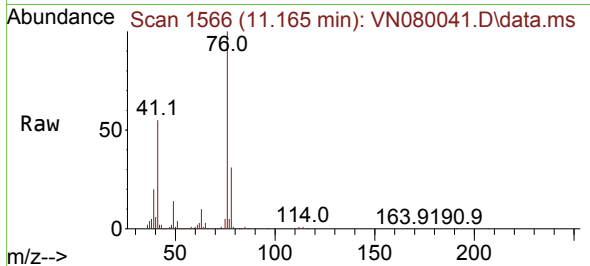




#57
1,3-Dichloropropane
Concen: 58.277 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

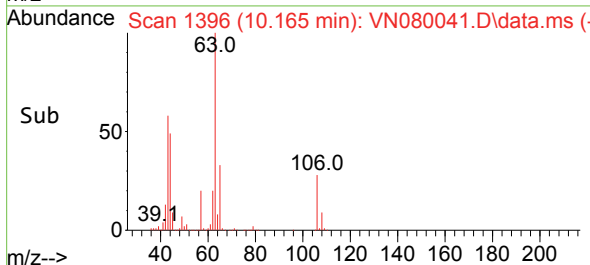
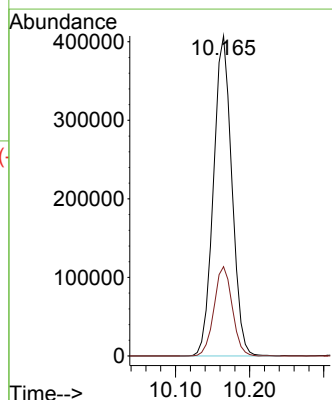
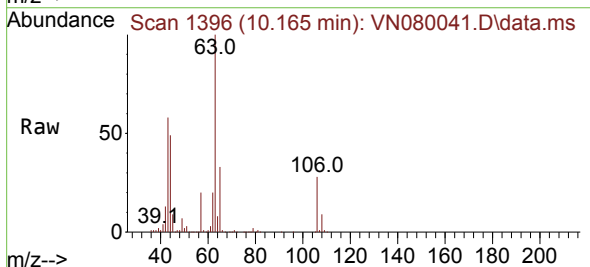
Instrument :
MSVOA_N
ClientSampleId :

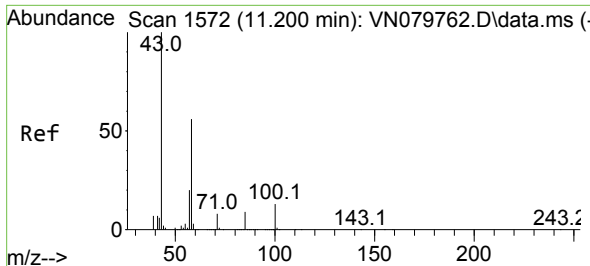
Tgt Ion: 76 Resp: 352020
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 282.694 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 63 Resp: 700371
Ion Ratio Lower Upper
63 100
106 27.7 26.2 39.4

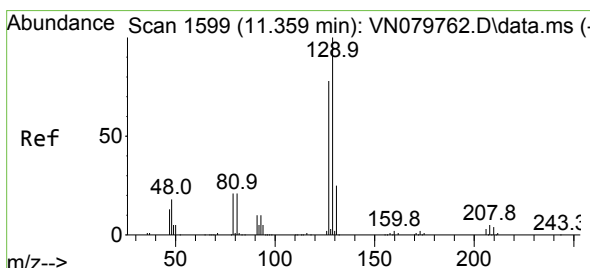
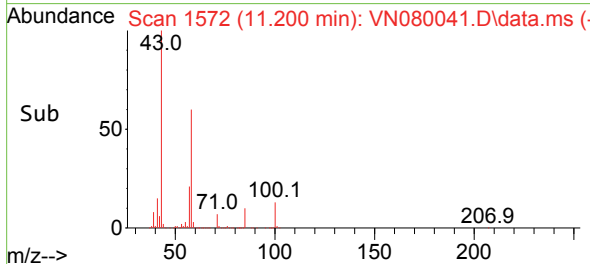
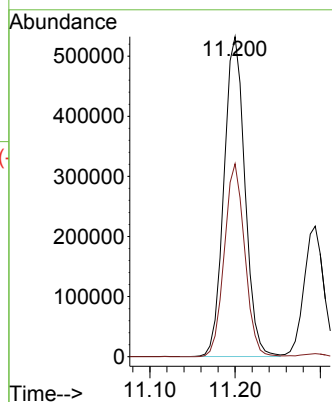
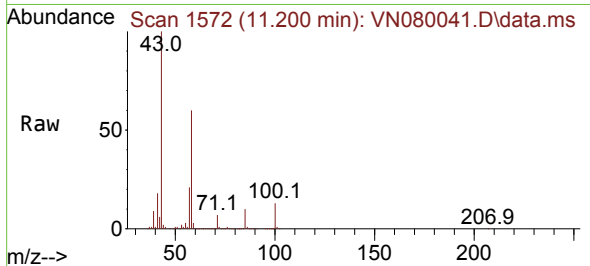




#59
2-Hexanone
Concen: 273.432 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

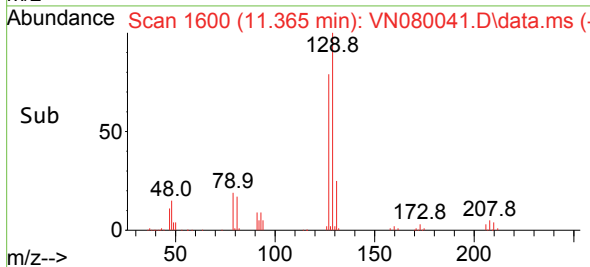
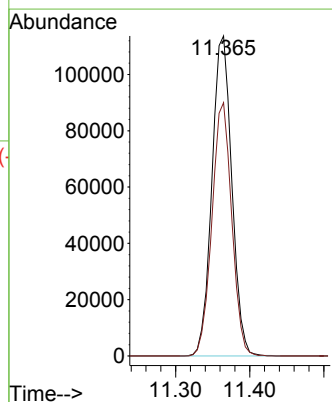
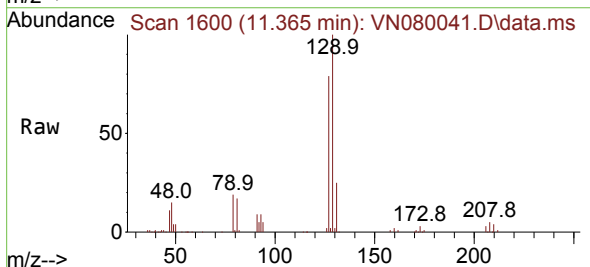
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 908821
Ion Ratio Lower Upper
43 100
58 58.8 31.7 95.1



#60
Dibromochloromethane
Concen: 57.695 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion:129 Resp: 211637
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

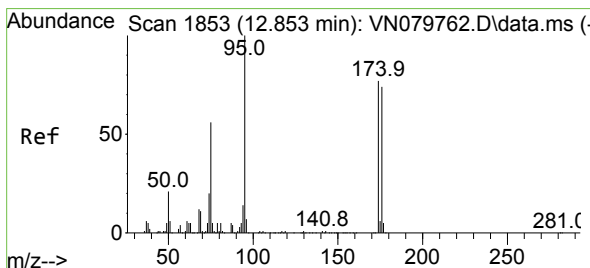
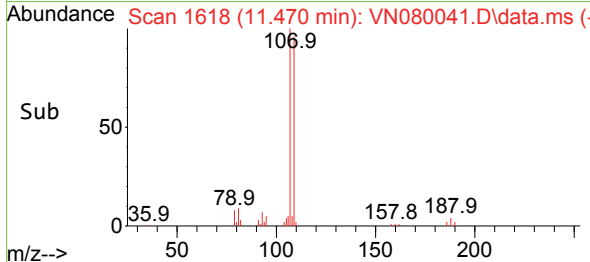
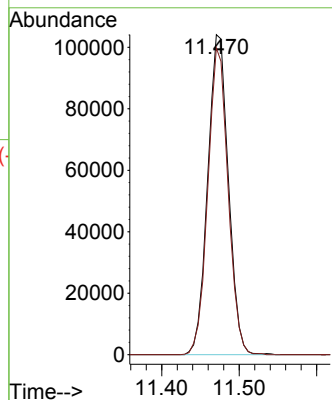
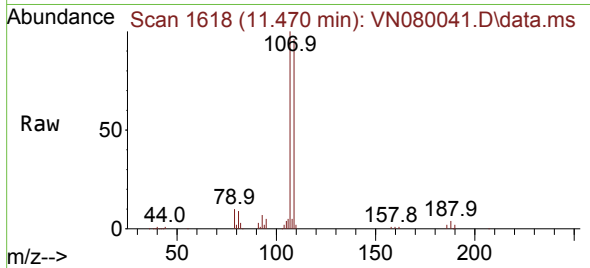




#61
1,2-Dibromoethane
Concen: 56.103 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

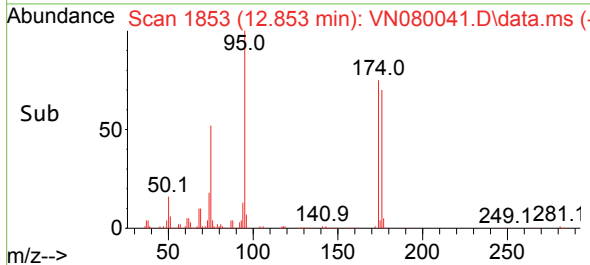
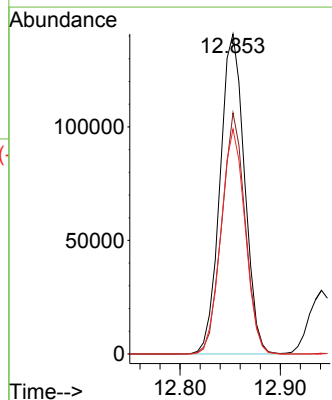
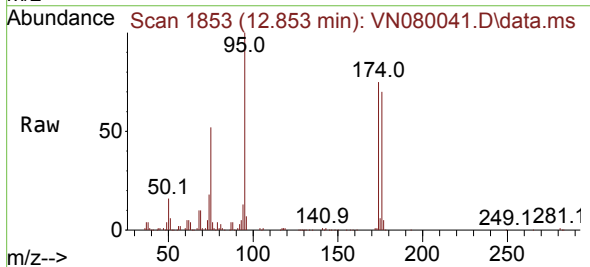
Instrument :
MSVOA_N
ClientSampleId :

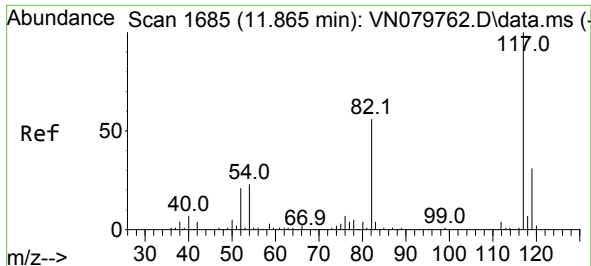
Tgt Ion:107 Resp: 192969
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 57.992 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 95 Resp: 237937
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 69.5 0.0 135.8

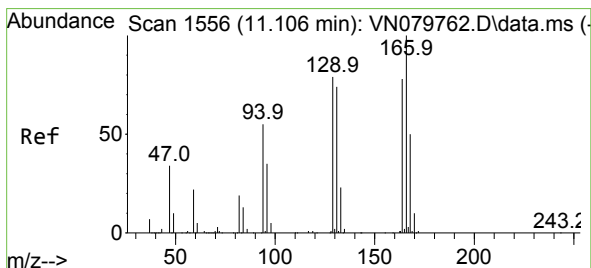
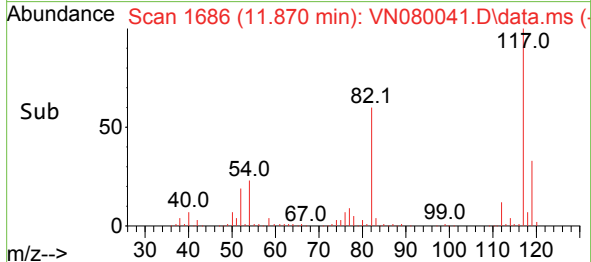
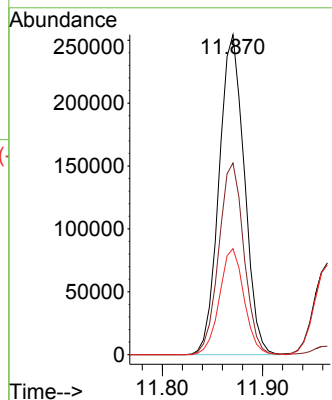
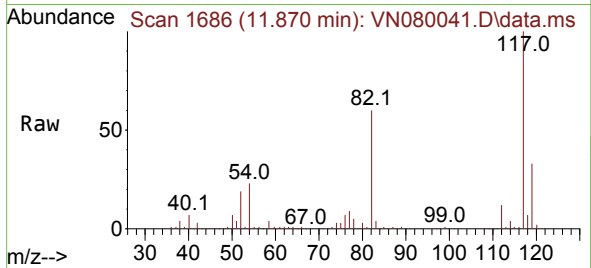




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

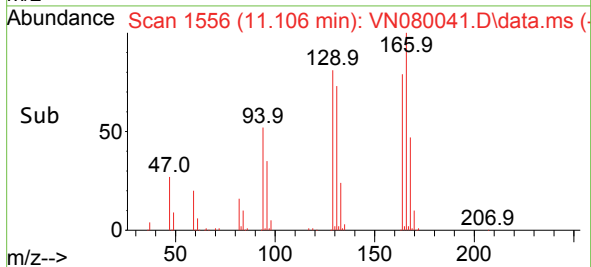
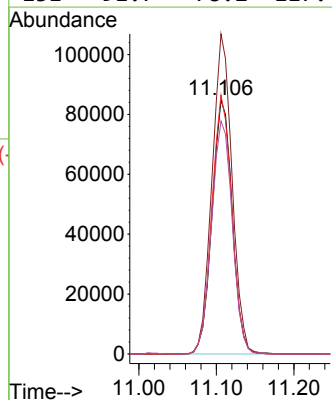
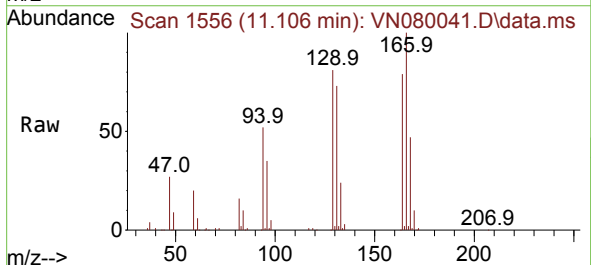
Instrument :
MSVOA_N
ClientSampleId :

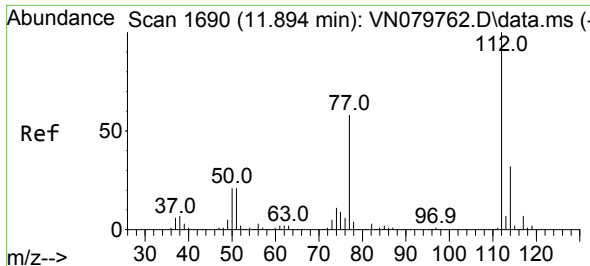
Tgt Ion:117 Resp: 445655
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 33.1 25.6 38.4



#64
Tetrachloroethene
Concen: 53.010 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion:164 Resp: 153004
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 101.9 82.4 123.6
131 91.7 78.2 117.4

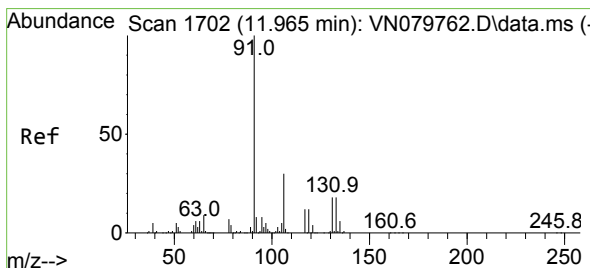
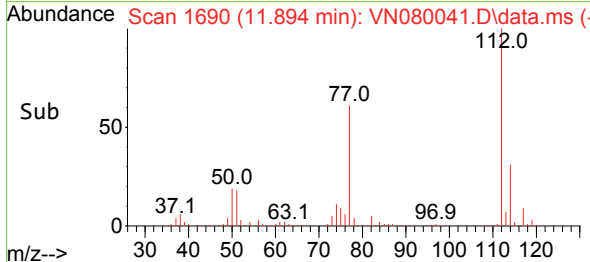
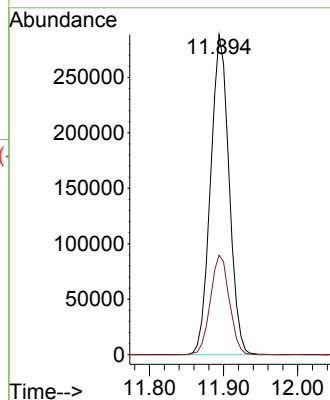
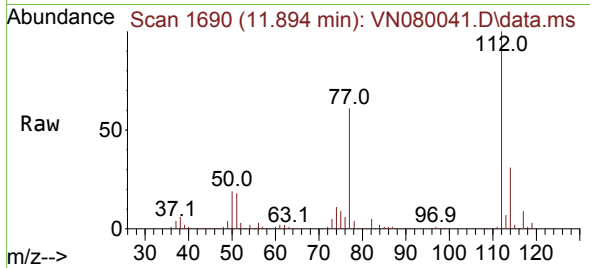




#65
Chlorobenzene
Concen: 51.667 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

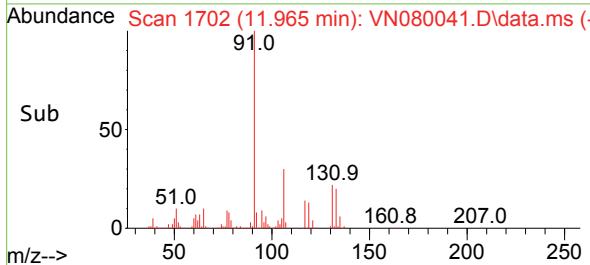
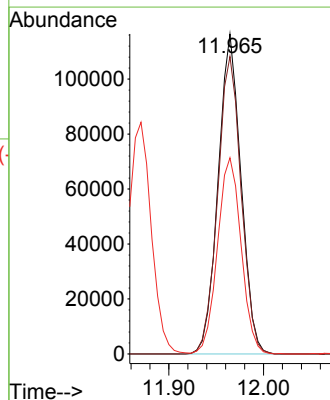
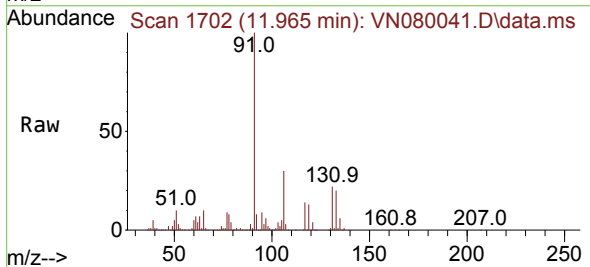
Instrument :
MSVOA_N
ClientSampleId :

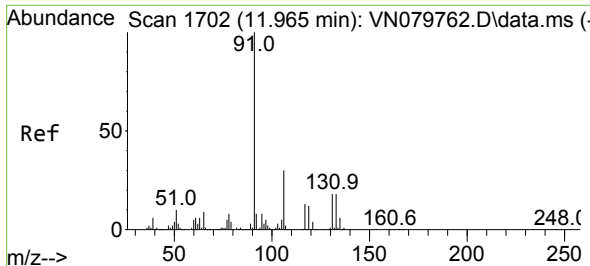
Tgt Ion:112 Resp: 499469
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.124 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion:131 Resp: 195477
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 63.4 34.1 102.2

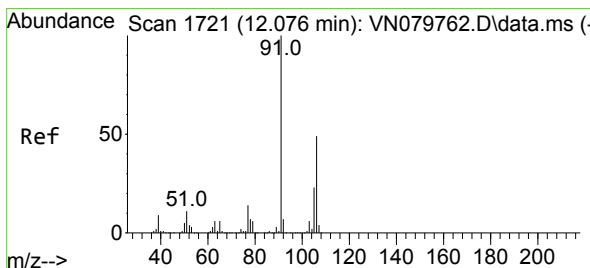
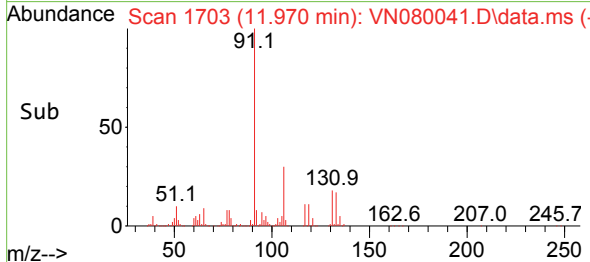
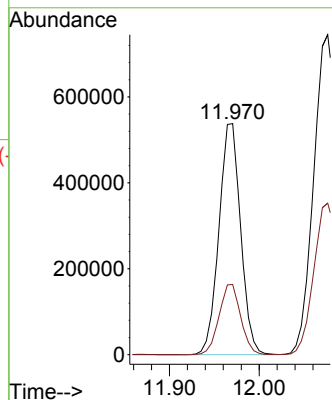
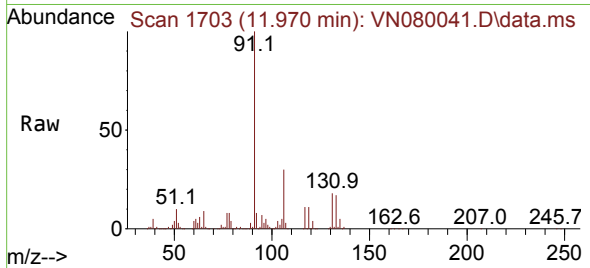




#67
Ethyl Benzene
Concen: 53.685 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

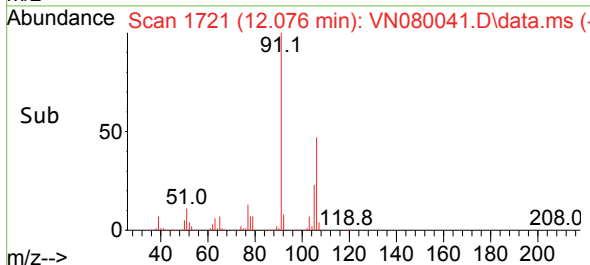
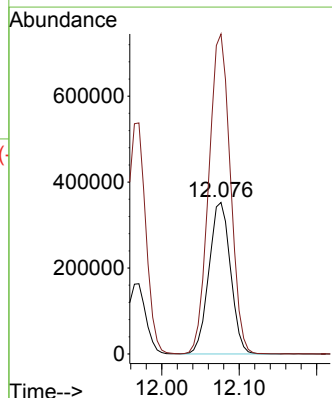
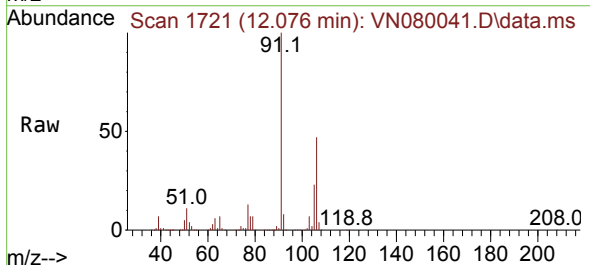
Instrument :
MSVOA_N
ClientSampleId :

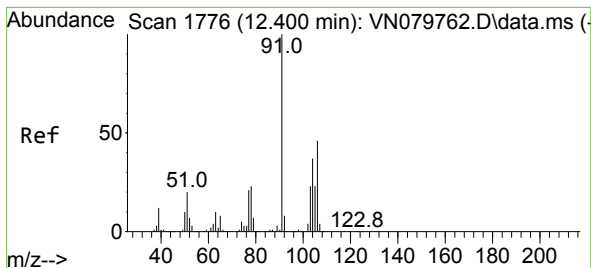
Tgt Ion: 91 Resp: 904191
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



#68
m/p-Xylenes
Concen: 108.847 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion:106 Resp: 682924
Ion Ratio Lower Upper
106 100
91 211.1 159.6 239.4





#69

o-Xylene

Concen: 55.872 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

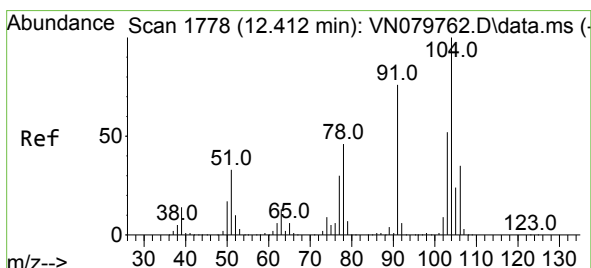
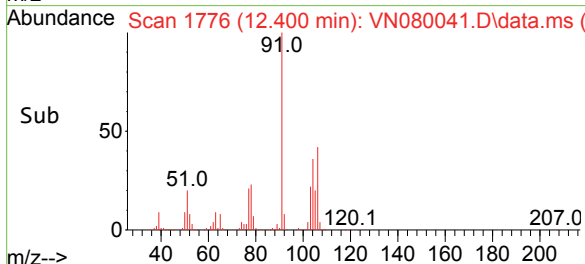
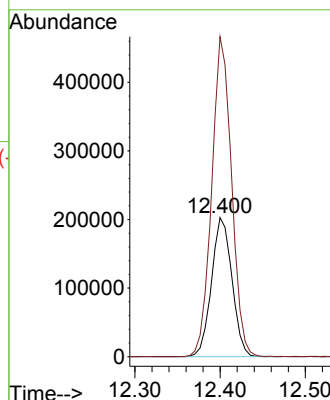
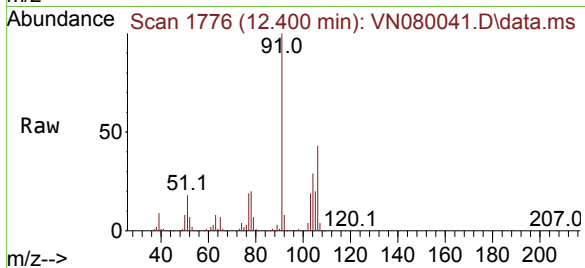
ClientSampleId :

Tgt Ion:106 Resp: 337562

Ion Ratio Lower Upper

106 100

91 223.7 105.2 315.5



#70

Styrene

Concen: 59.156 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

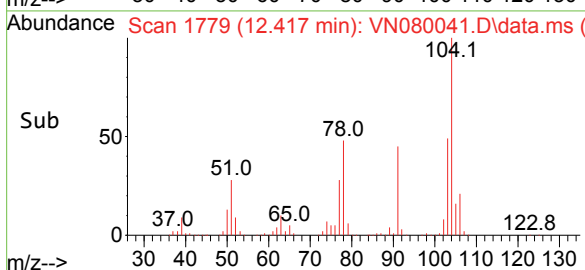
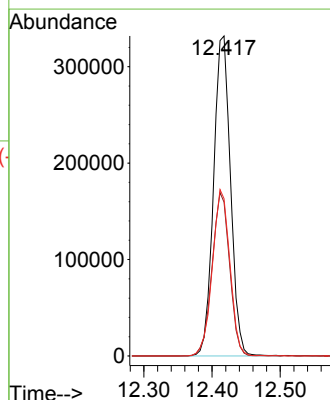
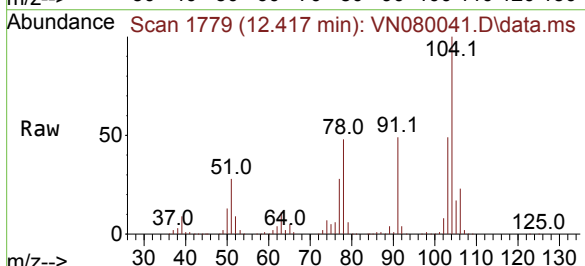
Tgt Ion:104 Resp: 574369

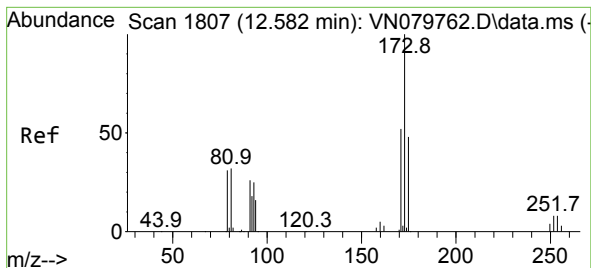
Ion Ratio Lower Upper

104 100

78 53.0 39.5 59.3

103 53.8 43.2 64.8





#71

Bromoform

Concen: 59.644 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

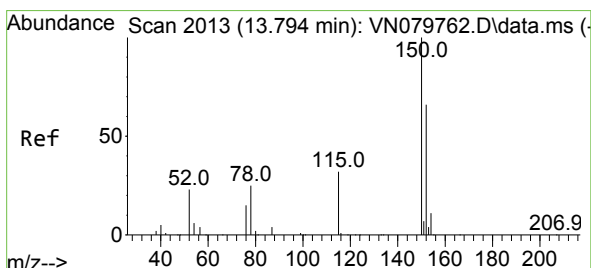
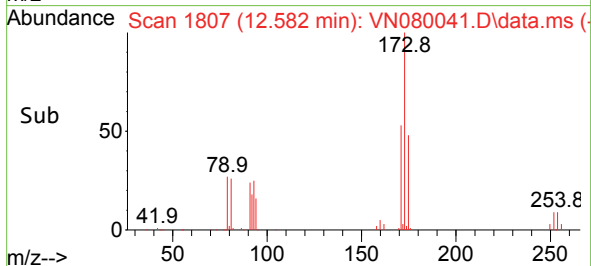
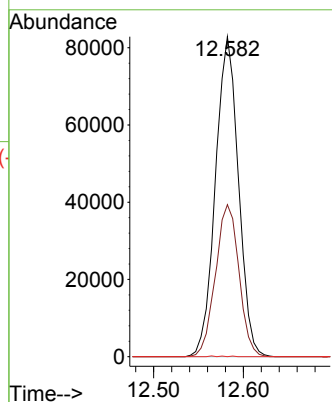
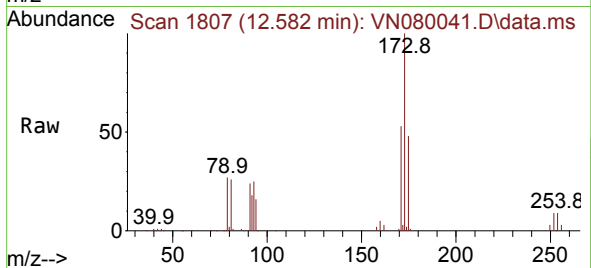
Tgt Ion:173 Resp: 147512

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

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: VN080041.D

Acq: 09 Nov 2023 22:57

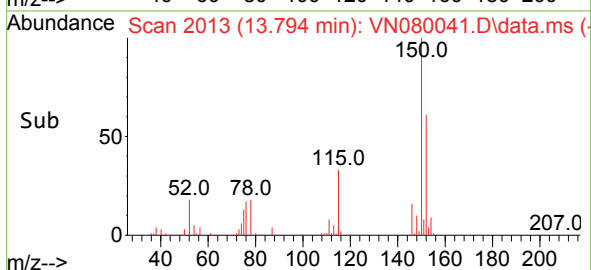
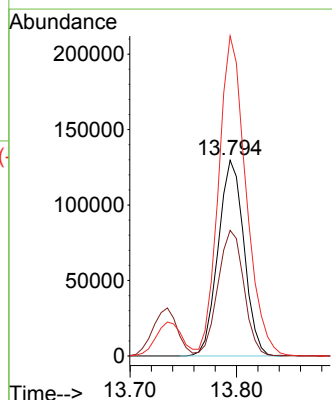
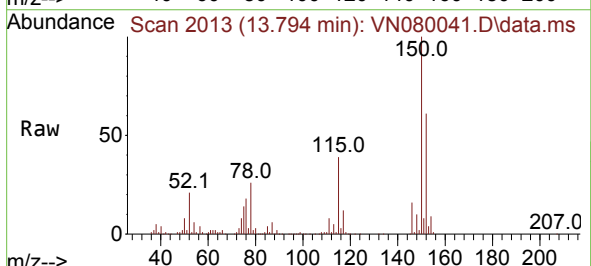
Tgt Ion:152 Resp: 218683

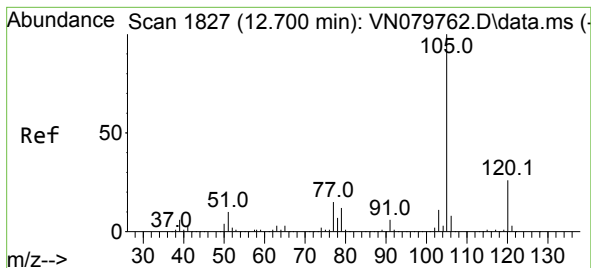
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 173.8 0.0 355.8





#73

Isopropylbenzene

Concen: 51.312 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

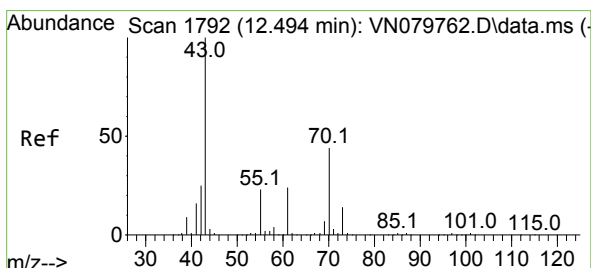
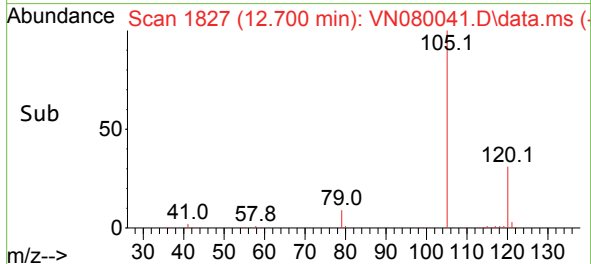
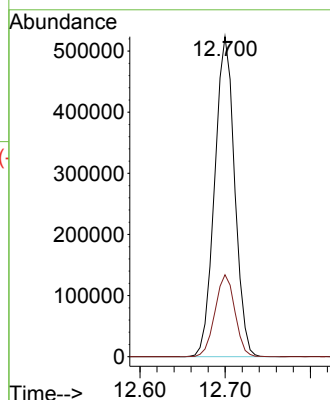
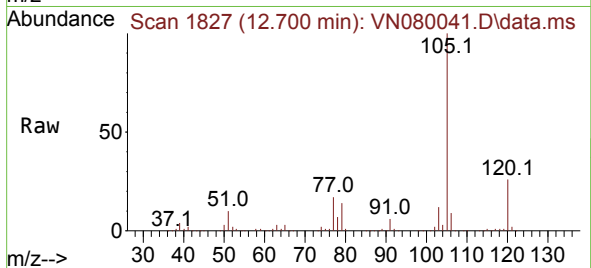
ClientSampleId :

Tgt Ion:105 Resp: 851610

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 46.305 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Tgt Ion: 43 Resp: 335447

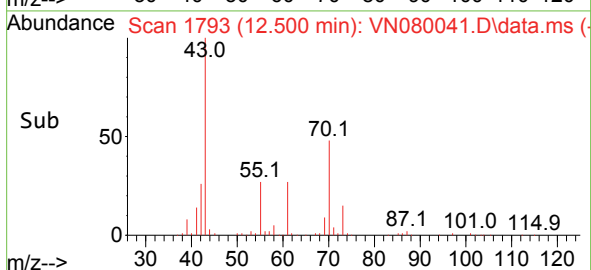
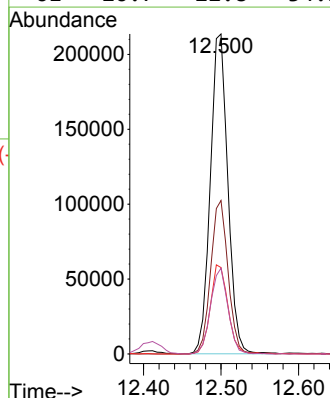
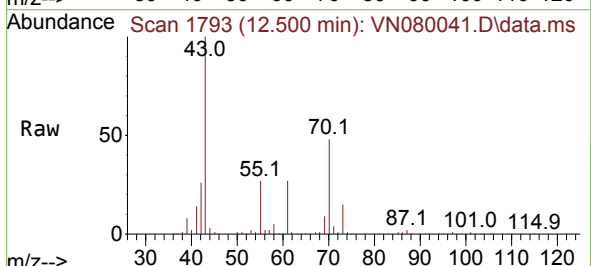
Ion Ratio Lower Upper

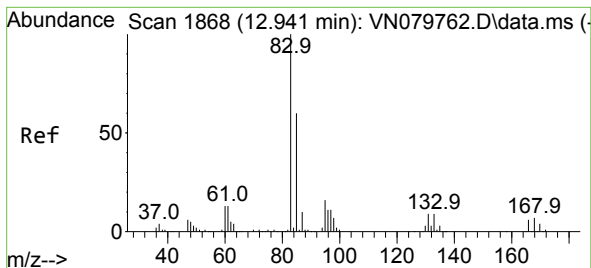
43 100

70 47.5 43.4 65.2

55 28.0 21.4 32.0

61 26.7 22.8 34.2





#75

1,1,2-Tetrachloroethane

Concen: 50.481 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

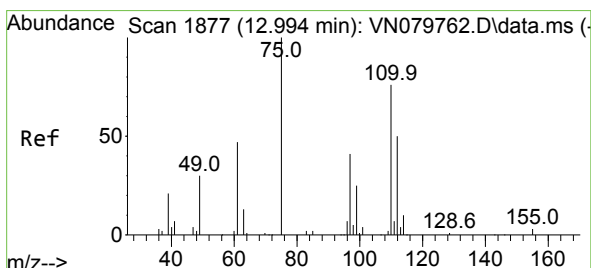
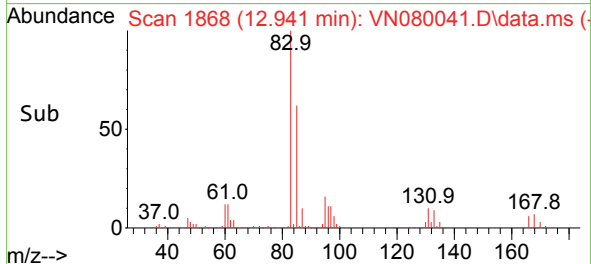
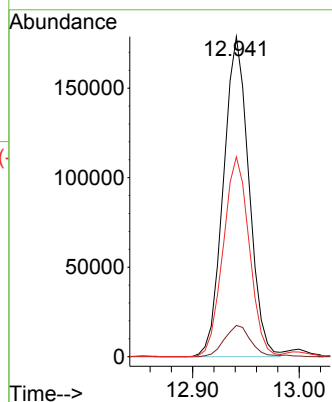
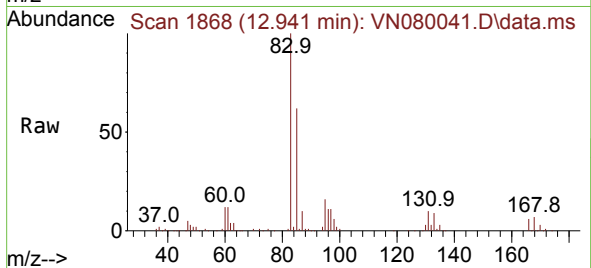
Tgt Ion: 83 Resp: 297054

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 72.190 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080041.D

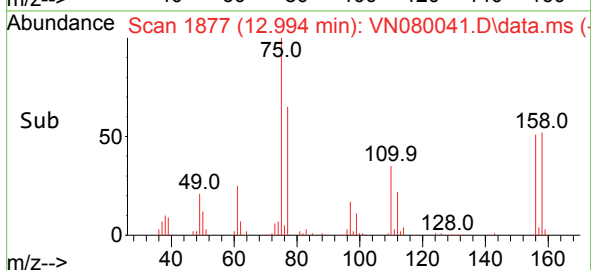
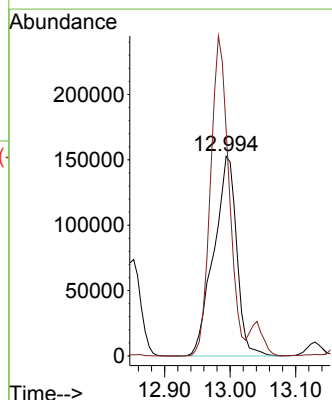
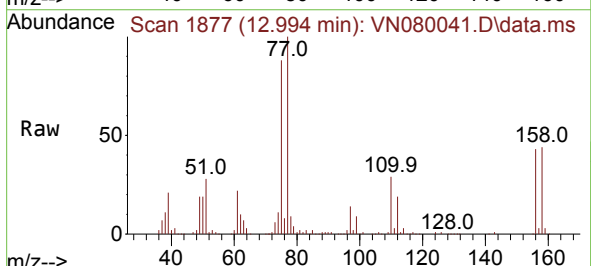
Acq: 09 Nov 2023 22:57

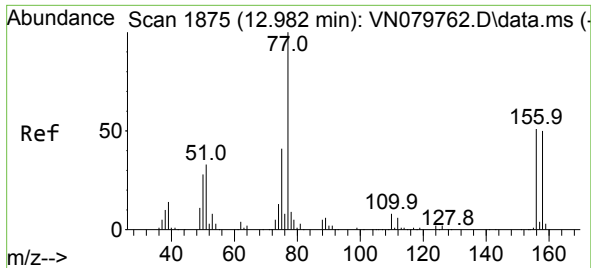
Tgt Ion: 75 Resp: 370627

Ion Ratio Lower Upper

75 100

77 128.7 84.5 253.5

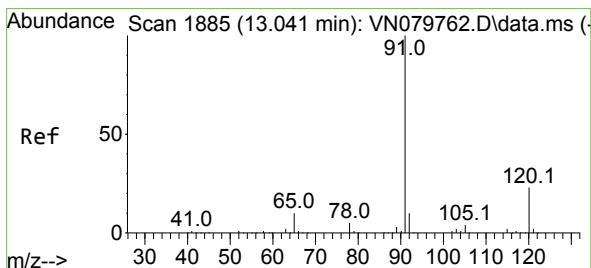
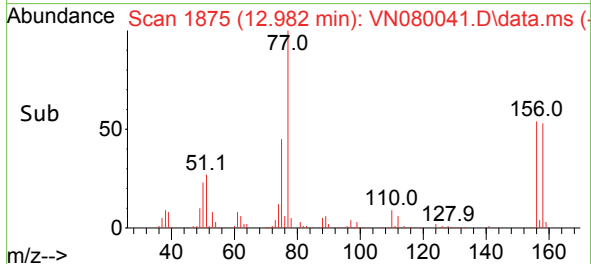
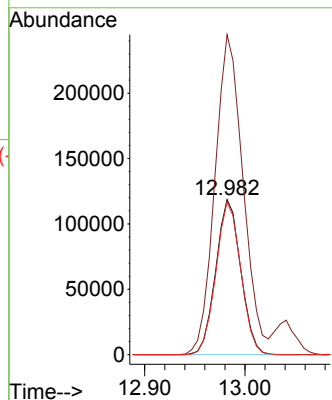
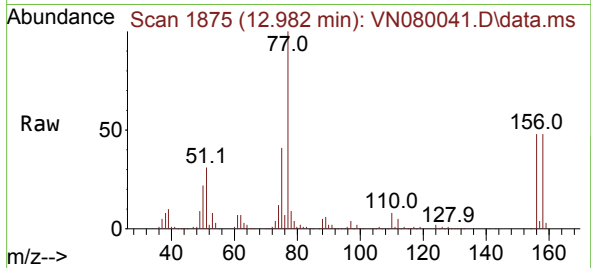




#77
Bromobenzene
Concen: 50.314 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

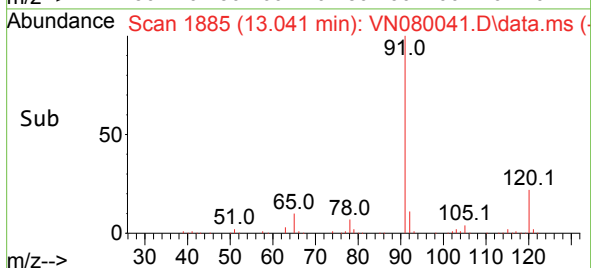
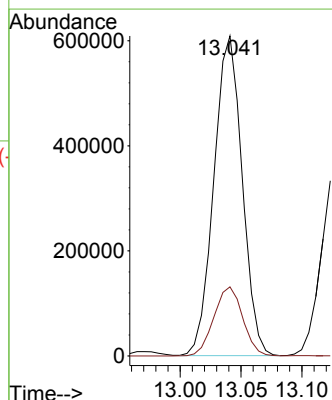
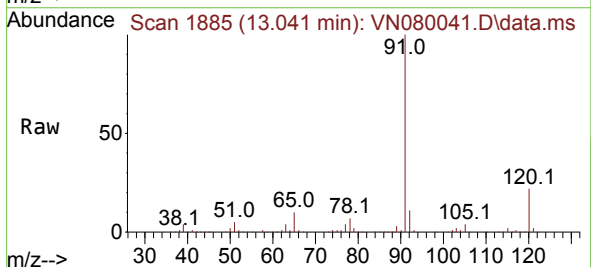
Instrument :
MSVOA_N
ClientSampleId :

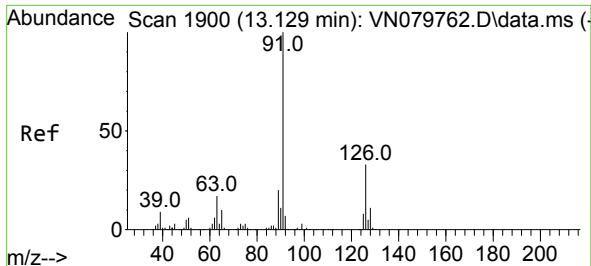
Tgt Ion:156 Resp: 204441
Ion Ratio Lower Upper
156 100
77 233.3 107.7 323.3
158 97.9 48.4 145.3



#78
n-propylbenzene
Concen: 51.756 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 91 Resp: 983667
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4

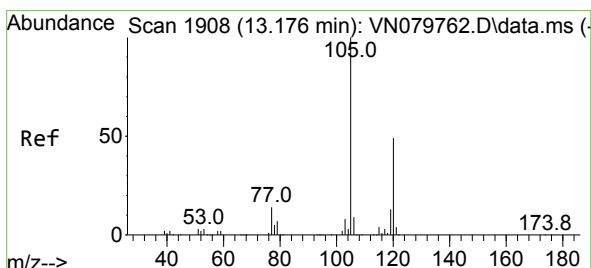
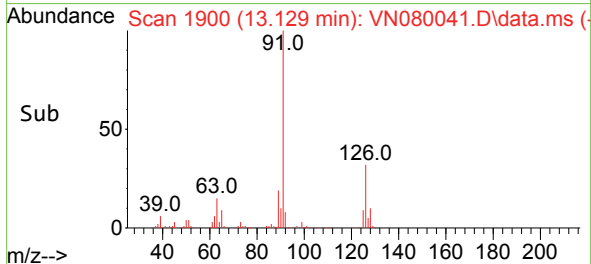
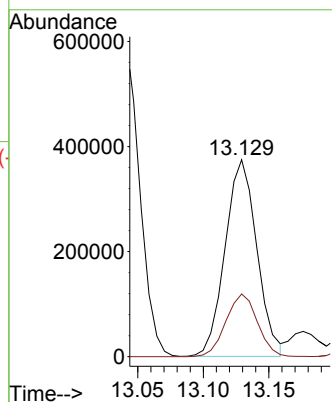
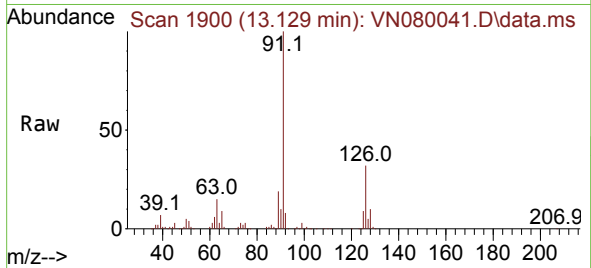




#79
2-Chlorotoluene
Concen: 51.995 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

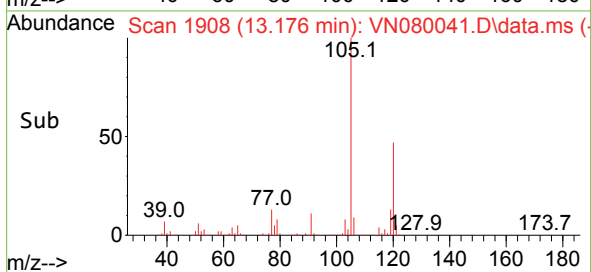
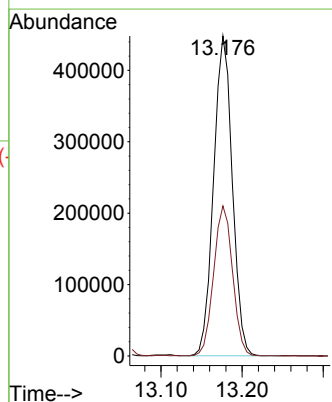
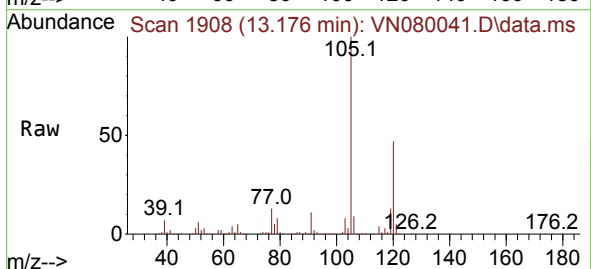
Instrument :
MSVOA_N
ClientSampleId :

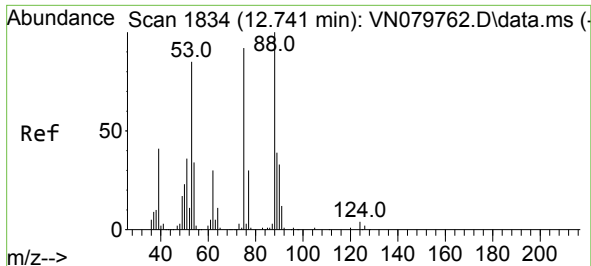
Tgt Ion: 91 Resp: 631294
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 55.559 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion: 105 Resp: 717417
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3

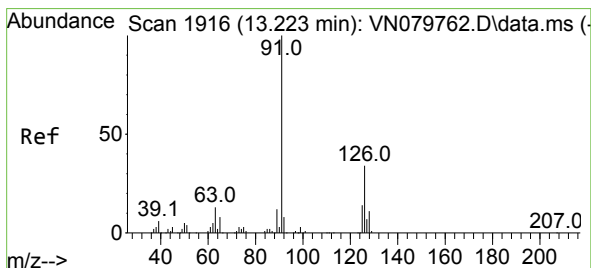
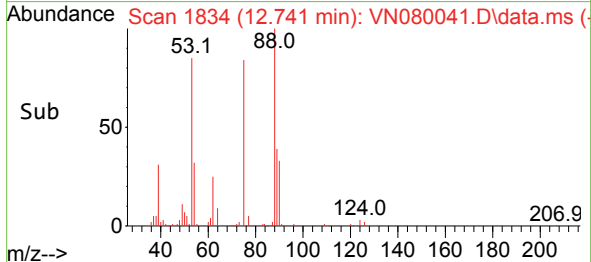
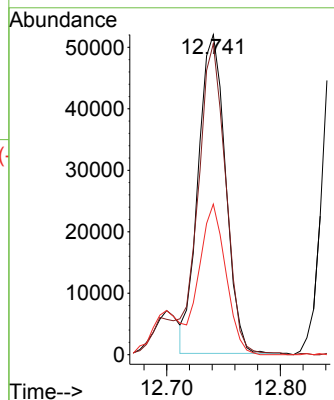
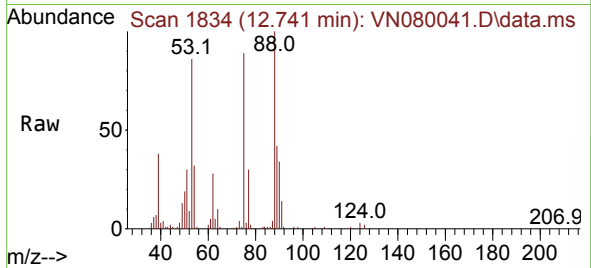




#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.852 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

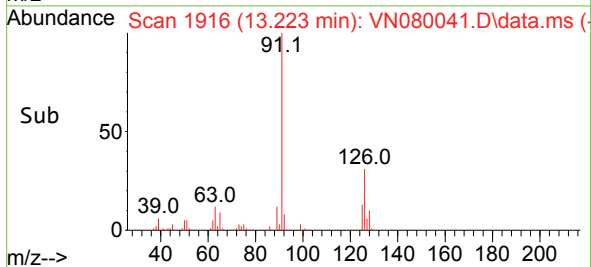
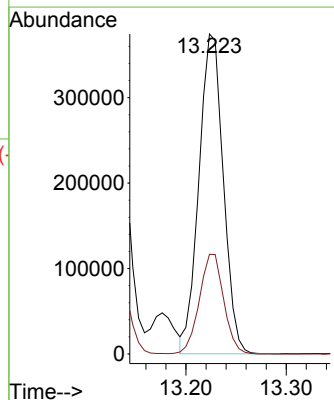
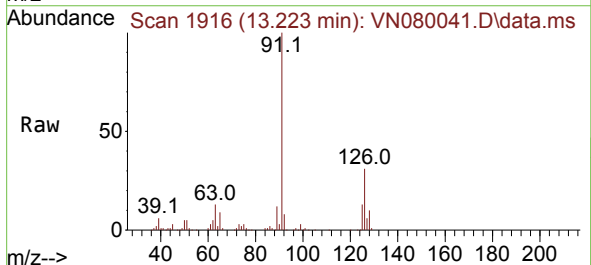
Instrument :
 MSVOA_N
 ClientSampleId :

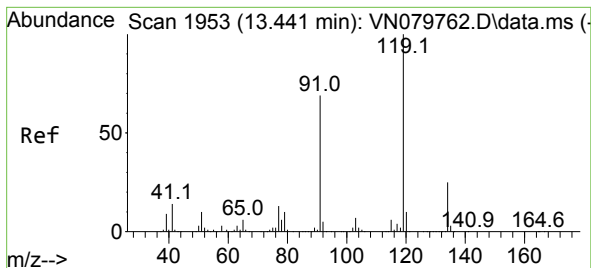
Tgt Ion: 75 Resp: 86522
 Ion Ratio Lower Upper
 75 100
 53 109.2 67.4 101.2#
 89 45.3 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 52.445 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

Tgt Ion: 91 Resp: 632747
 Ion Ratio Lower Upper
 91 100
 126 31.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 54.834 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

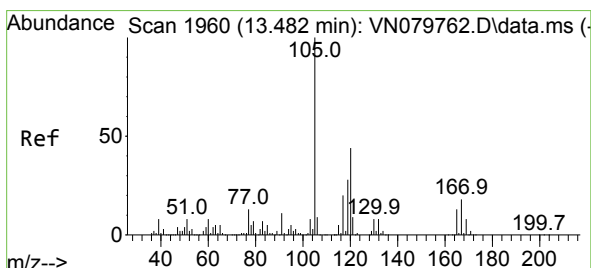
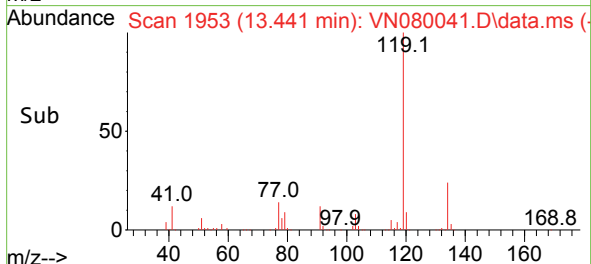
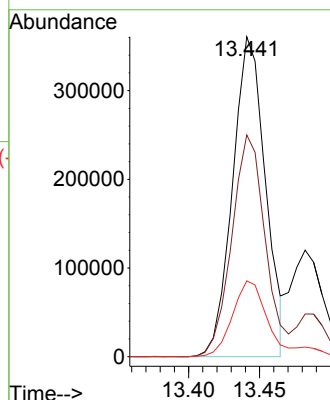
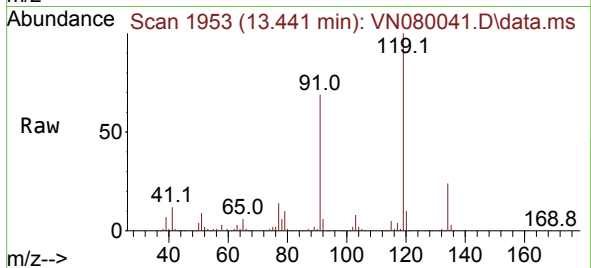
Tgt Ion:119 Resp: 579581

Ion Ratio Lower Upper

119 100

91 70.9 33.9 101.7

134 26.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 56.767 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN080041.D

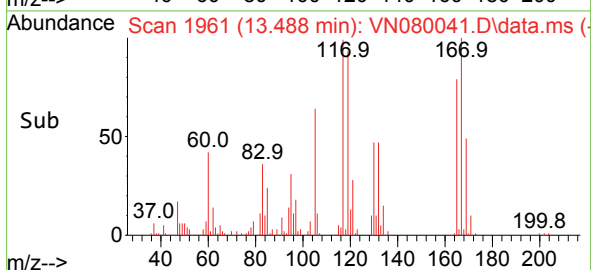
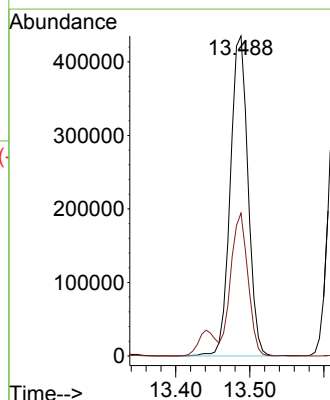
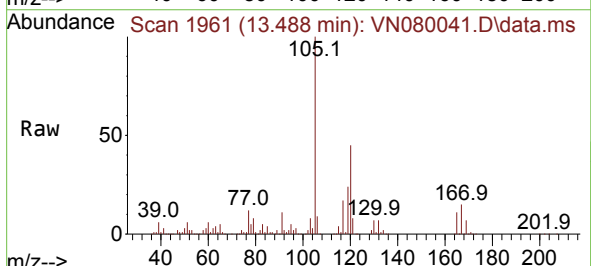
Acq: 09 Nov 2023 22:57

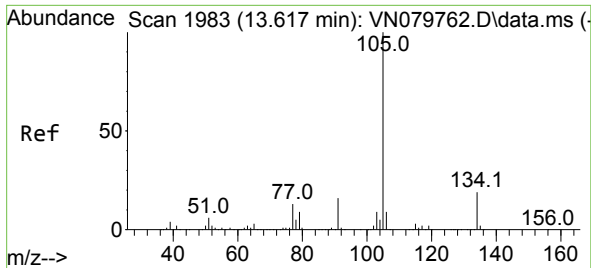
Tgt Ion:105 Resp: 721181

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0

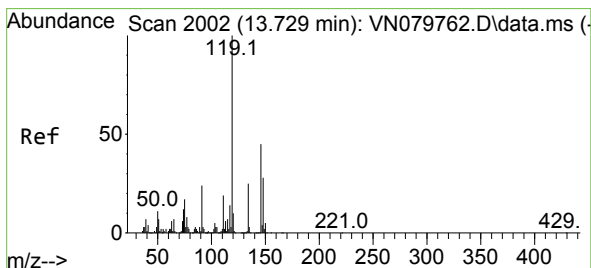
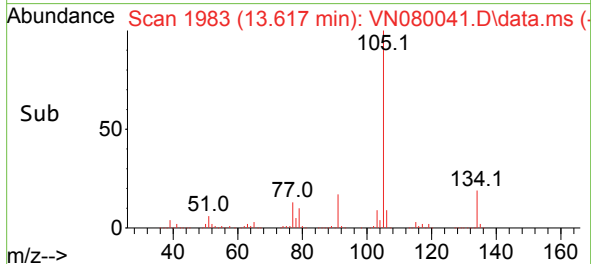
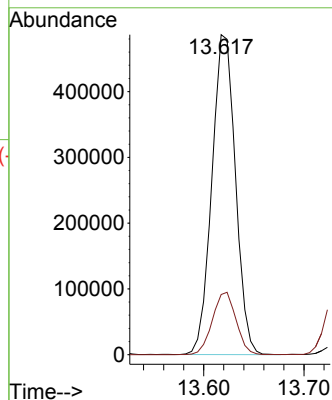
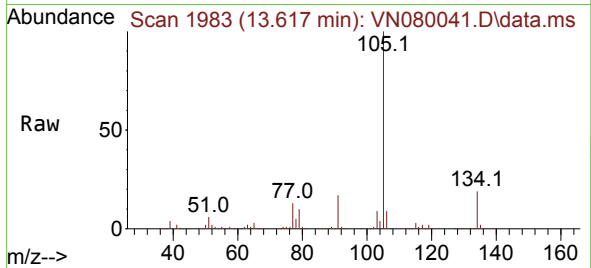




#85
 sec-Butylbenzene
 Concen: 54.228 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

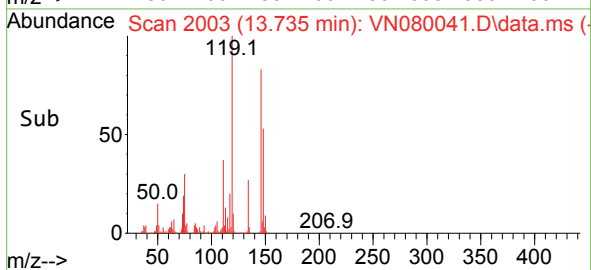
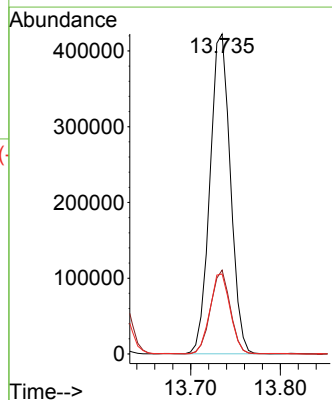
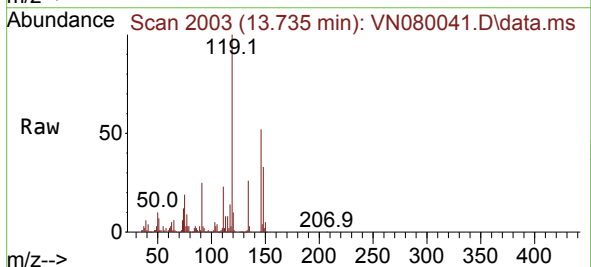
Instrument :
 MSVOA_N
 ClientSampleId :

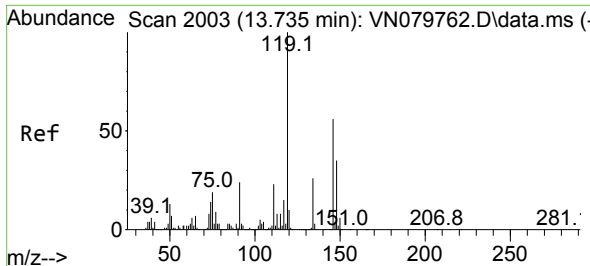
Tgt Ion:105 Resp: 794119
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.930 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

Tgt Ion:119 Resp: 667760
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.8 12.4 37.2

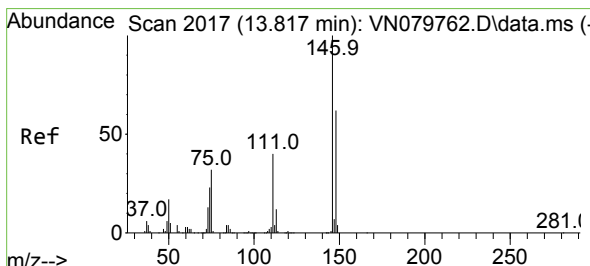
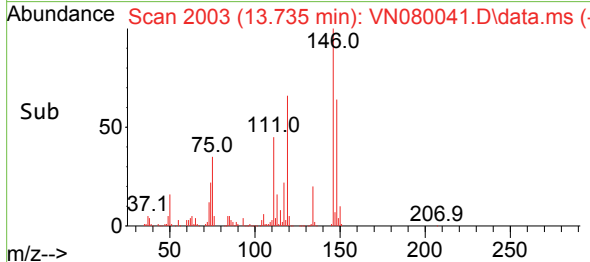
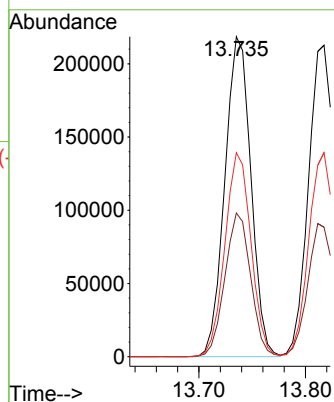
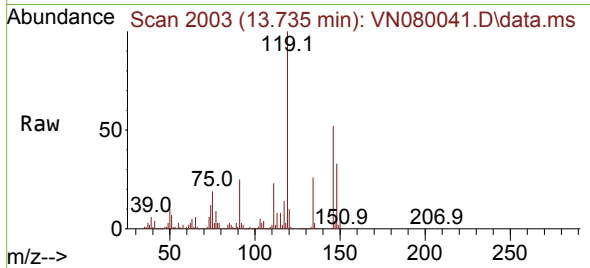




#87
1,3-Dichlorobenzene
Concen: 49.269 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

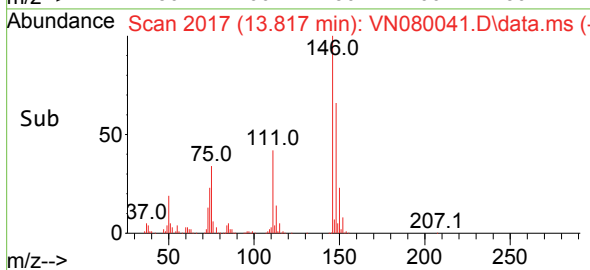
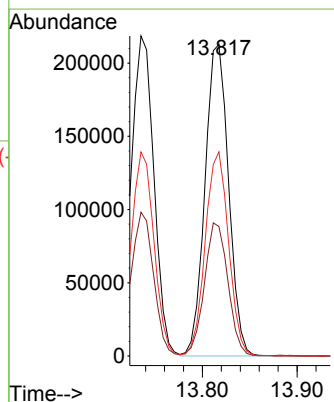
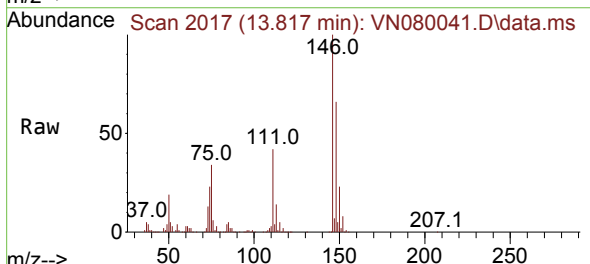
Instrument :
MSVOA_N
ClientSampleId :

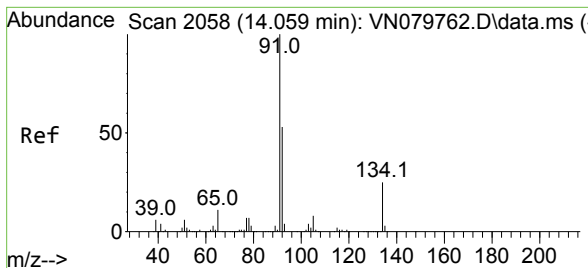
Tgt Ion:146 Resp: 372421
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.3
148 63.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.076 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080041.D
Acq: 09 Nov 2023 22:57

Tgt Ion:146 Resp: 368861
Ion Ratio Lower Upper
146 100
111 42.5 20.6 61.8
148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 52.537 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

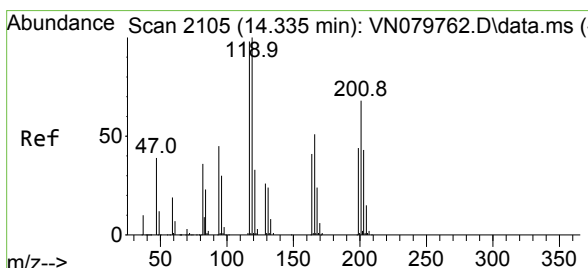
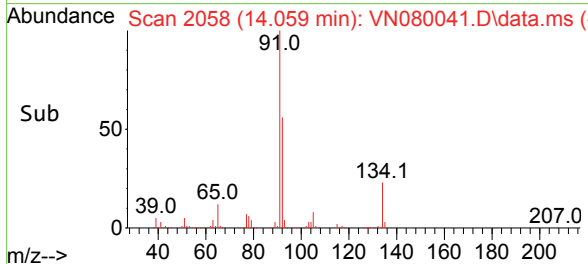
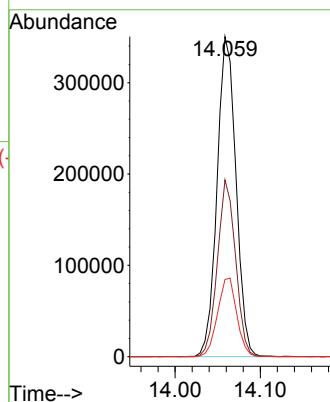
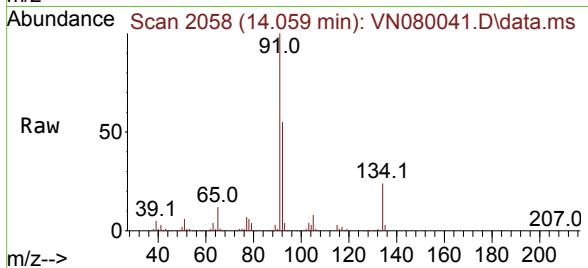
Tgt Ion: 91 Resp: 540252

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 52.607 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080041.D

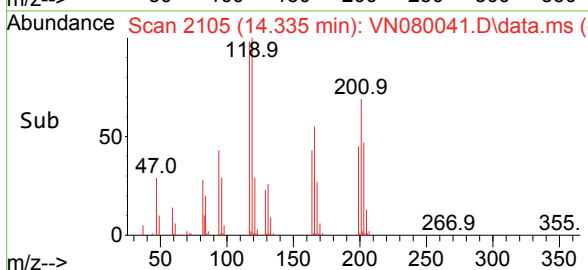
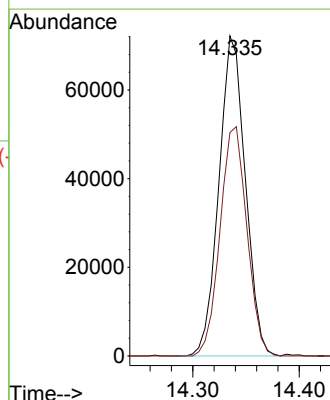
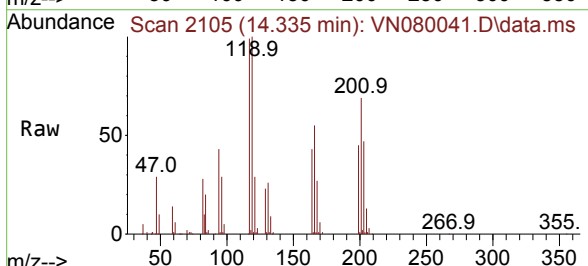
Acq: 09 Nov 2023 22:57

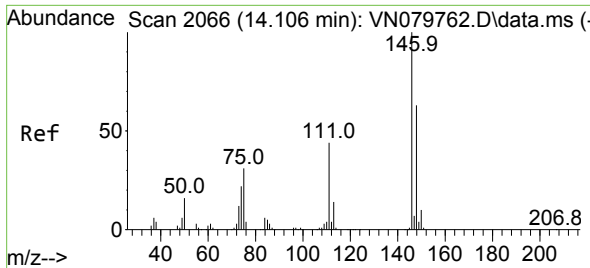
Tgt Ion: 117 Resp: 124389

Ion Ratio Lower Upper

117 100

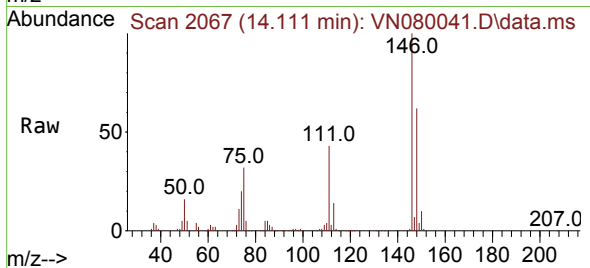
201 72.9 29.3 88.0



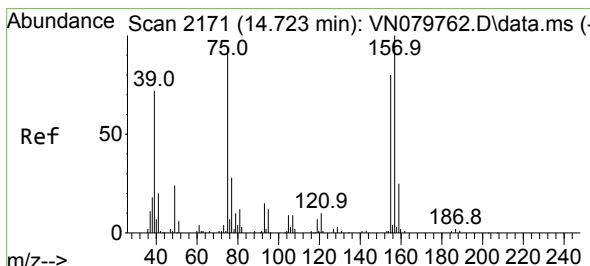
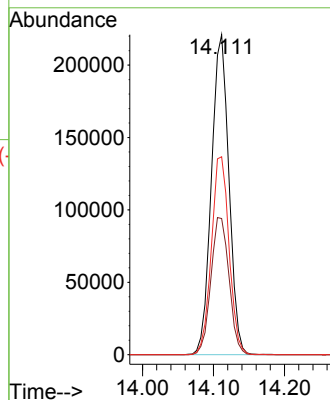
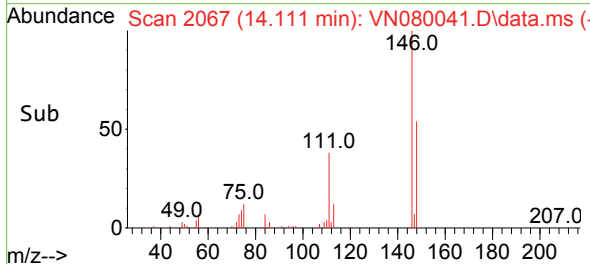


#91
 1,2-Dichlorobenzene
 Concen: 52.769 ug/l
 RT: 14.111 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

Instrument :
 MSVOA_N
 ClientSampleId :

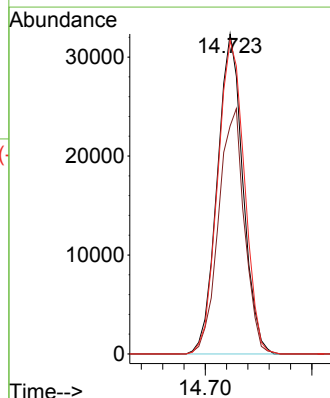
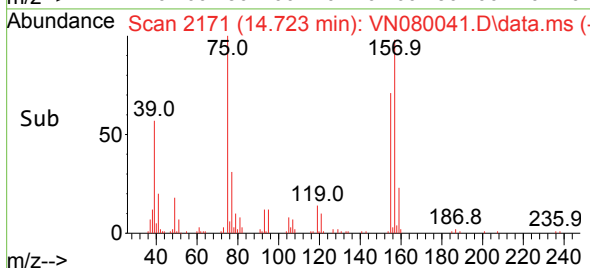
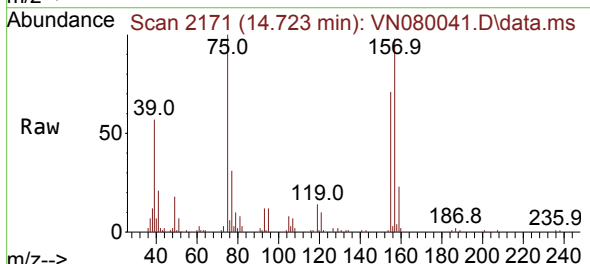


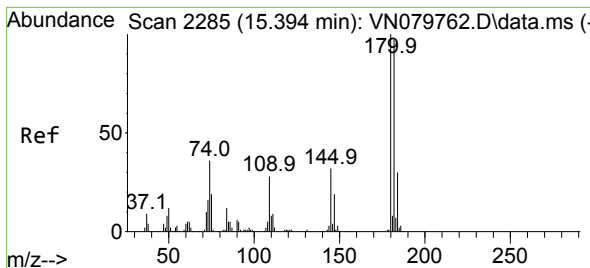
Tgt Ion:146 Resp: 376544
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.0 66.0
 148 62.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.091 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080041.D
 Acq: 09 Nov 2023 22:57

Tgt Ion: 75 Resp: 53978
 Ion Ratio Lower Upper
 75 100
 155 77.4 39.1 117.2
 157 102.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 52.480 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

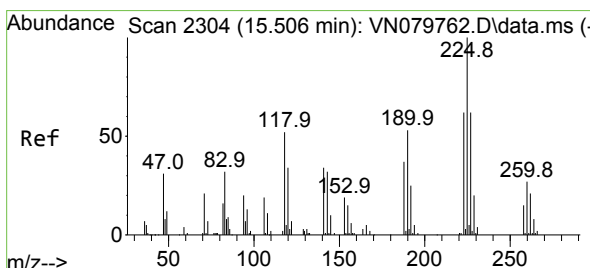
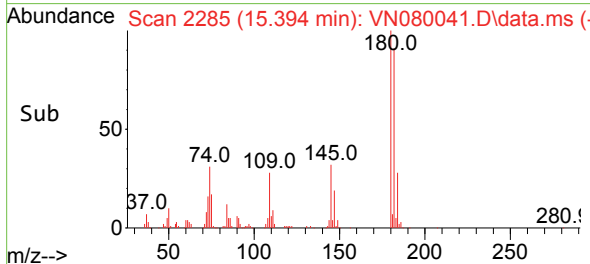
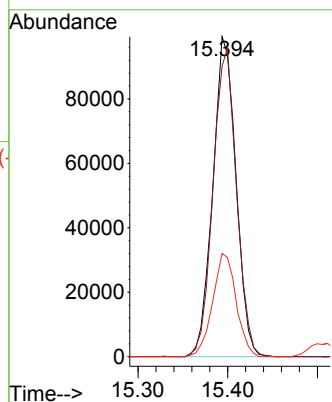
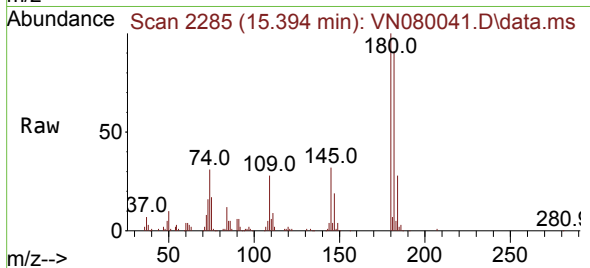
Tgt Ion:180 Resp: 178059

Ion Ratio Lower Upper

180 100

182 97.1 46.1 138.2

145 32.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 57.727 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

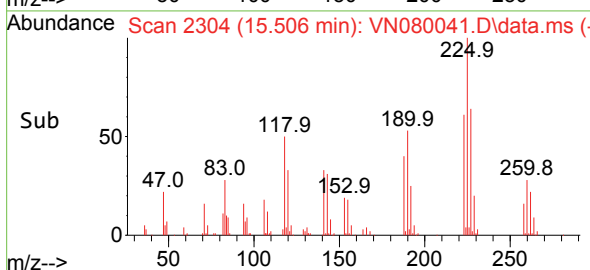
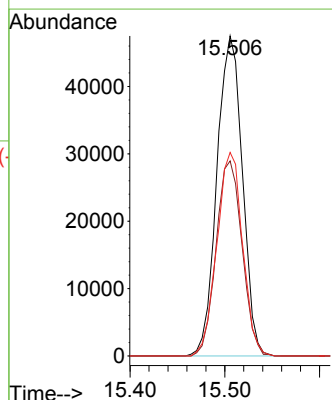
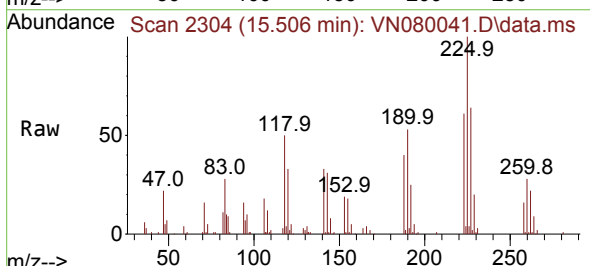
Tgt Ion:225 Resp: 88789

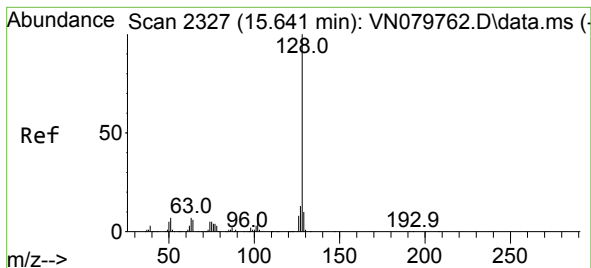
Ion Ratio Lower Upper

225 100

223 61.9 31.3 93.8

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 48.482 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Instrument :

MSVOA_N

ClientSampleId :

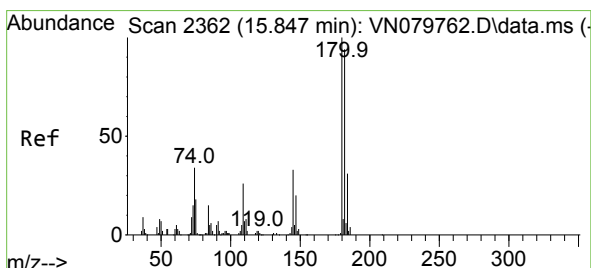
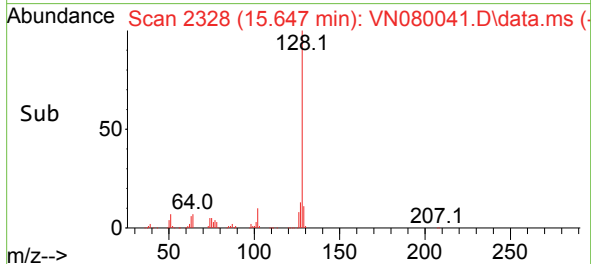
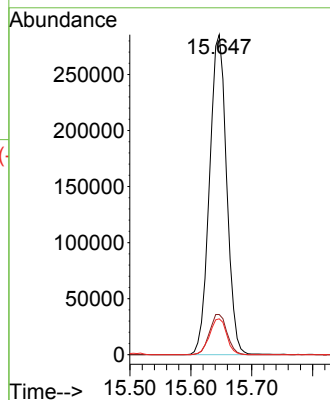
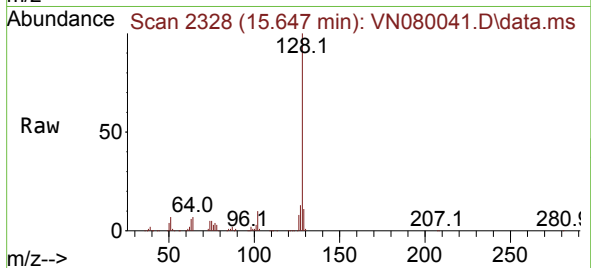
Tgt Ion:128 Resp: 557846

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.675 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080041.D

Acq: 09 Nov 2023 22:57

Tgt Ion:180 Resp: 178515

Ion Ratio Lower Upper

180 100

182 95.7 46.2 138.6

145 35.1 17.5 52.6

