

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079720.D
 Acq On : 30 Oct 2023 11:46
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 07:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:05:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	282070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	143539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	23416	5.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.340%#		
35) Dibromofluoromethane	8.171	113	17567	4.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.840%#		
50) Toluene-d8	10.571	98	65786	4.940	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.880%#		
62) 4-Bromofluorobenzene	12.853	95	18583	4.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17661	4.743	ug/l	98
3) Chloromethane	2.365	50	24513	5.434	ug/l	97
4) Vinyl Chloride	2.512	62	25445	5.238	ug/l	94
5) Bromomethane	2.942	94	16894	5.298	ug/l	90
6) Chloroethane	3.112	64	21137	5.939	ug/l	92
7) Trichlorofluoromethane	3.495	101	29680	5.195	ug/l	97
8) Diethyl Ether	3.959	74	10720	5.185	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	17706	5.351	ug/l	99
10) Methyl Iodide	4.589	142	14392	4.322	ug/l #	90
11) Tert butyl alcohol	5.530	59	17979	29.925	ug/l	96
12) 1,1-Dichloroethene	4.342	96	16459	5.311	ug/l	89
13) Acrolein	4.183	56	17142	28.363	ug/l	99
14) Allyl chloride	5.018	41	28008	5.389	ug/l #	91
15) Acrylonitrile	5.730	53	45711	24.725	ug/l	93
16) Acetone	4.436	43	49611	25.600	ug/l	95
17) Carbon Disulfide	4.718	76	51198	5.410	ug/l	98
18) Methyl Acetate	5.036	43	40174	5.138	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	51884	4.948	ug/l	94
20) Methylene Chloride	5.283	84	21591	5.626	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	18976	5.394	ug/l	92
22) Diisopropyl ether	6.683	45	57046	4.882	ug/l #	90
23) Vinyl Acetate	6.612	43	152058	23.637	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	37472	5.352	ug/l	99
25) 2-Butanone	7.488	43	67320	25.289	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	29796	5.259	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	20735	5.120	ug/l	83
28) Bromochloromethane	7.824	49	17491	5.107	ug/l #	76
29) Tetrahydrofuran	7.847	42	37550	23.089	ug/l #	79
30) Chloroform	7.965	83	36459	5.171	ug/l #	81
31) Cyclohexane	8.259	56	35375	5.724	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	31917	5.222	ug/l	91
36) 1,1-Dichloropropene	8.377	75	25944	4.896	ug/l	94
37) Ethyl Acetate	7.565	43	28275	5.383	ug/l #	87
38) Carbon Tetrachloride	8.371	117	27471	5.199	ug/l	97
39) Methylcyclohexane	9.600	83	25684	4.873	ug/l	93
40) Benzene	8.612	78	78891	5.044	ug/l	100

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Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 07:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	13067	4.770	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	29400	5.176	ug/l	94
43) Isopropyl Acetate	8.694	43	41321	4.921	ug/l #	91
44) Trichloroethene	9.353	130	20080	5.300	ug/l	87
45) 1,2-Dichloropropane	9.624	63	21249	5.115	ug/l	94
46) Dibromomethane	9.712	93	14436	5.153	ug/l	97
47) Bromodichloromethane	9.888	83	28298	5.035	ug/l #	90
48) Methyl methacrylate	9.688	41	18594	4.776	ug/l #	77
49) 1,4-Dioxane	9.700	88	6343	92.592	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	124890	23.904	ug/l	87
52) Toluene	10.635	92	47673	4.993	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	26391	4.650	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	29099	4.686	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	19309	5.114	ug/l #	86
56) Ethyl methacrylate	10.877	69	23643	4.434	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	32612	4.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	38747	19.722	ug/l #	88
59) 2-Hexanone	11.200	43	90892	23.660	ug/l	86
60) Dibromochloromethane	11.359	129	18603	4.761	ug/l	98
61) 1,2-Dibromoethane	11.476	107	19175	5.097	ug/l	100
64) Tetrachloroethene	11.106	164	16185	5.198	ug/l	93
65) Chlorobenzene	11.894	112	51603	5.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	17804	4.932	ug/l	97
67) Ethyl Benzene	11.971	91	82598	4.826	ug/l	93
68) m/p-Xylenes	12.076	106	57090	9.019	ug/l	91
69) o-Xylene	12.400	106	27804	4.568	ug/l	93
70) Styrene	12.418	104	41710	4.278	ug/l	97
71) Bromoform	12.582	173	12720	4.920	ug/l #	97
73) Isopropylbenzene	12.700	105	69152	5.319	ug/l	99
74) N-amyl acetate	12.500	43	26917	5.205	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	28709	6.237	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	31678	8.398	ug/l	68
77) Bromobenzene	12.988	156	17050	5.576	ug/l	90
78) n-propylbenzene	13.041	91	76750	5.125	ug/l	96
79) 2-Chlorotoluene	13.129	91	51027	5.466	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	54988	5.189	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	6985	5.406	ug/l #	82
82) 4-Chlorotoluene	13.223	91	46840	5.223	ug/l	98
83) tert-Butylbenzene	13.441	119	46524	5.356	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	50061	4.896	ug/l	100
85) sec-Butylbenzene	13.618	105	62281	5.141	ug/l	98
86) p-Isopropyltoluene	13.735	119	47648	4.938	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	27467	5.310	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	28190	5.471	ug/l	96
89) n-Butylbenzene	14.059	91	37181	4.850	ug/l	95
90) Hexachloroethane	14.335	117	11622	5.700	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	25898	5.148	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3650	5.142	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	5419	3.614	ug/l	90
94) Hexachlorobutadiene	15.506	225	7980	5.997	ug/l	97
95) Naphthalene	15.641	128	18026	4.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	6927	4.137	ug/l	98

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 31 07:11:06 2023
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Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:05:58 2023
Response via : Initial Calibration

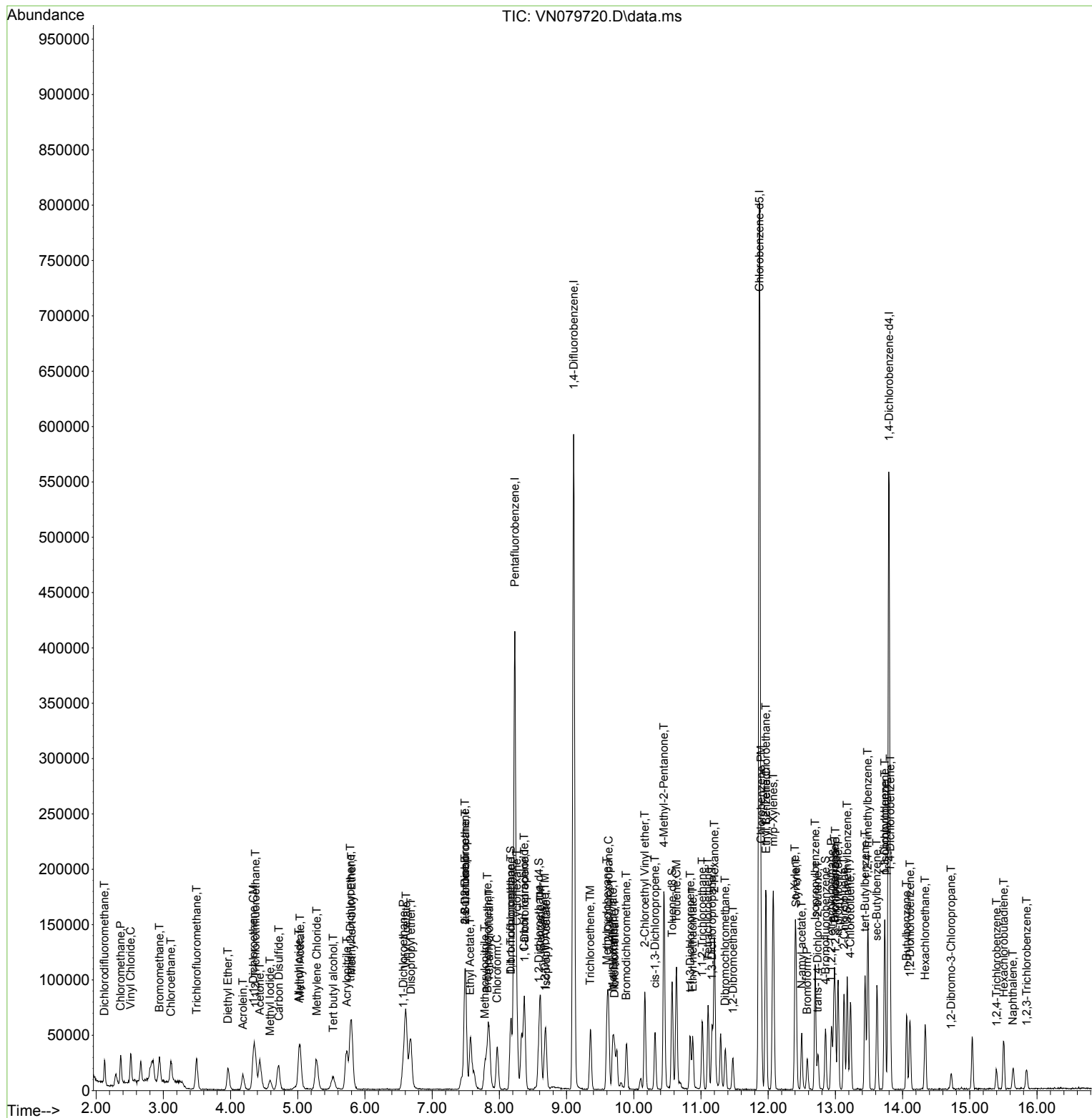
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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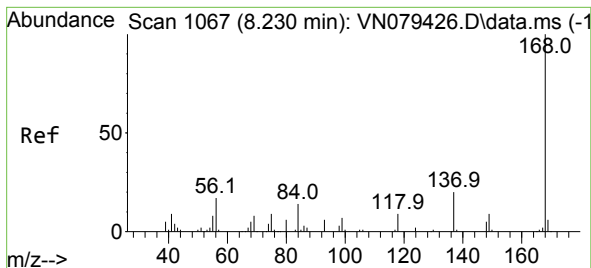
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN079720.D
 Acq On : 30 Oct 2023 11:46
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
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 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 07:11:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

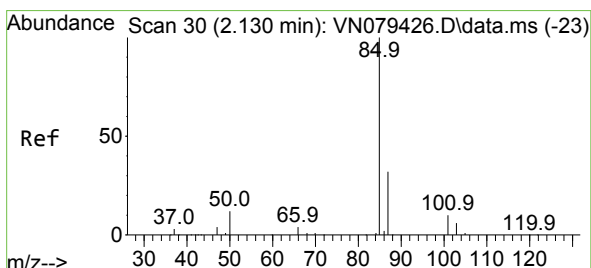
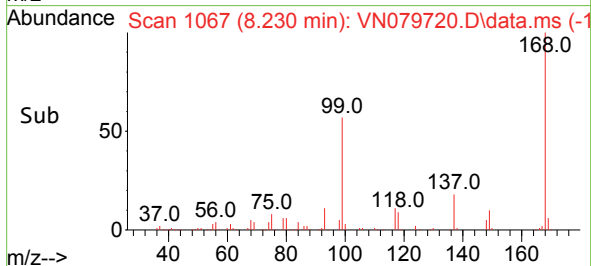
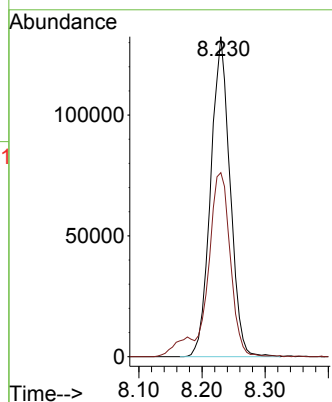
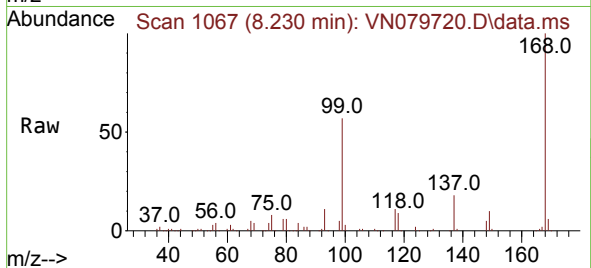
ClientSampleId :

Tgt Ion:168 Resp: 282070

Ion Ratio Lower Upper

168 100

99 57.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 4.743 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.006 min

Lab File: VN079720.D

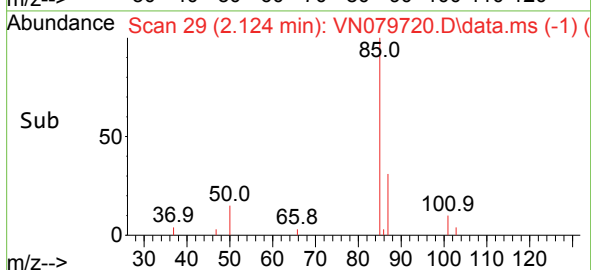
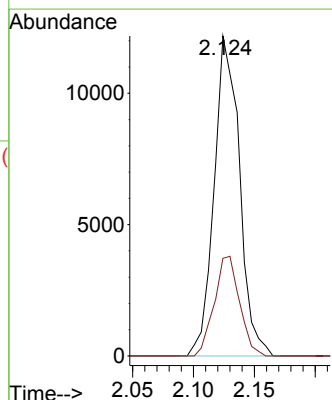
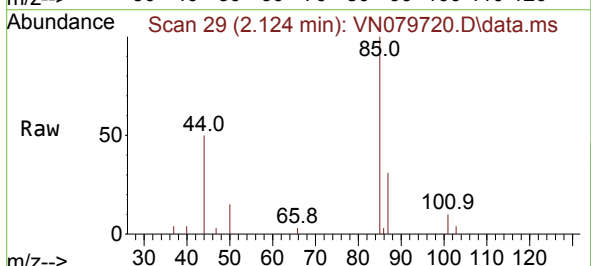
Acq: 30 Oct 2023 11:46

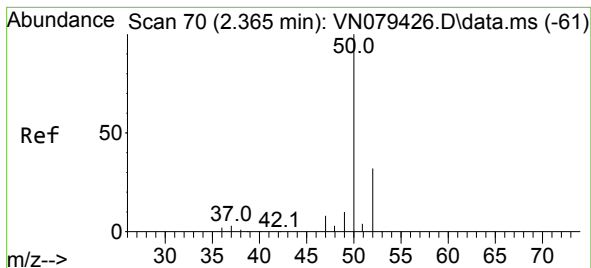
Tgt Ion: 85 Resp: 17661

Ion Ratio Lower Upper

85 100

87 30.5 15.8 47.4





#3

Chloromethane

Concen: 5.434 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

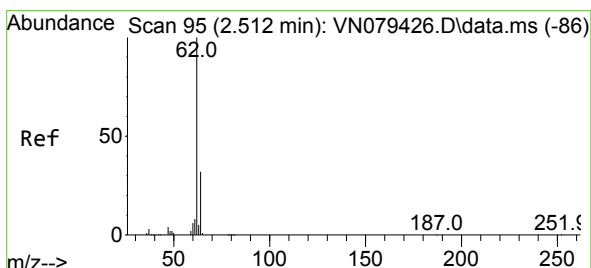
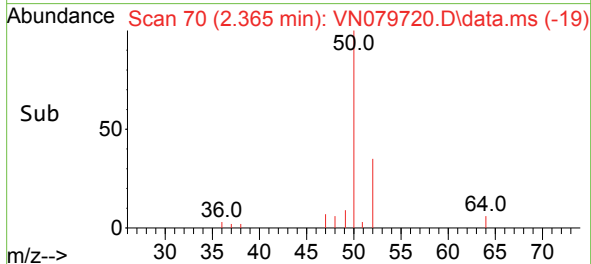
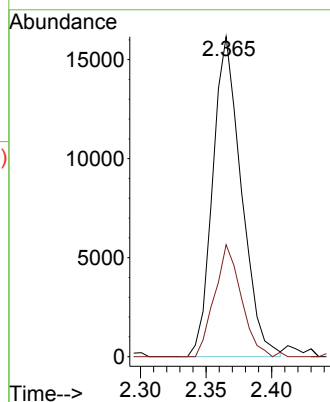
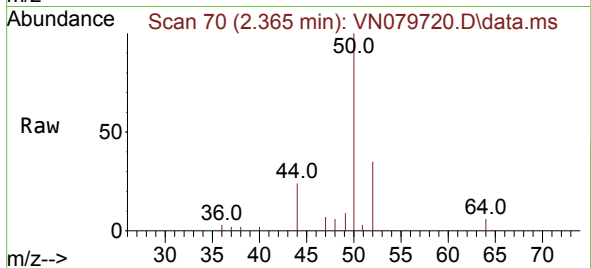
ClientSampleId :

Tgt Ion: 50 Resp: 24513

Ion Ratio Lower Upper

50 100

52 35.0 26.5 39.7



#4

Vinyl Chloride

Concen: 5.238 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079720.D

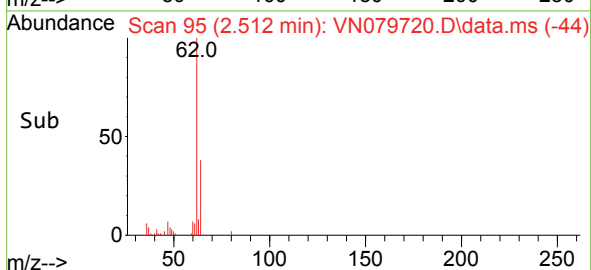
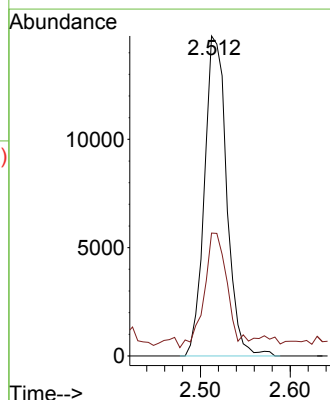
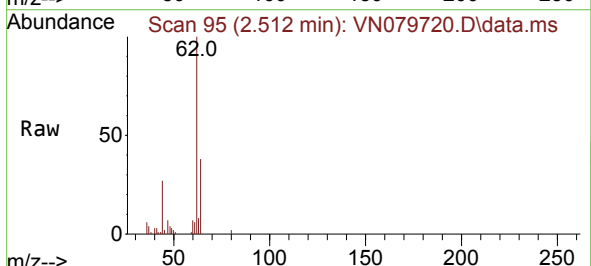
Acq: 30 Oct 2023 11:46

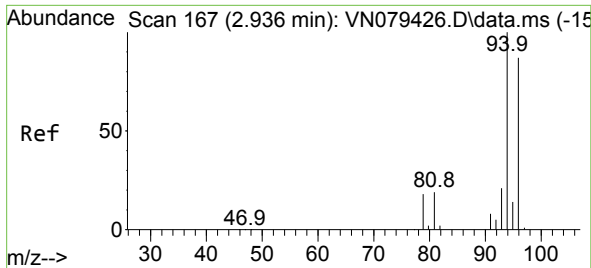
Tgt Ion: 62 Resp: 25445

Ion Ratio Lower Upper

62 100

64 35.8 26.2 39.2





#5

Bromomethane

Concen: 5.298 ug/l

RT: 2.942 min Scan# 1

Delta R.T. 0.006 min

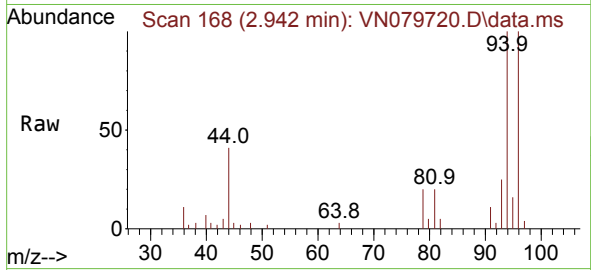
Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

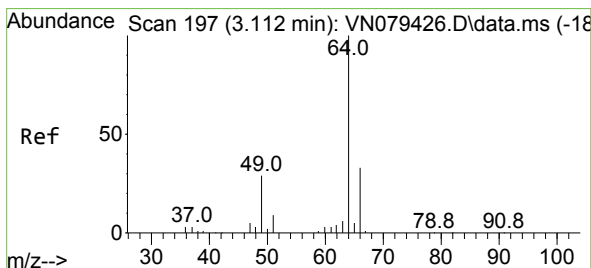
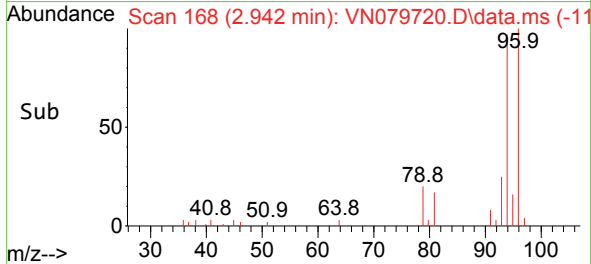
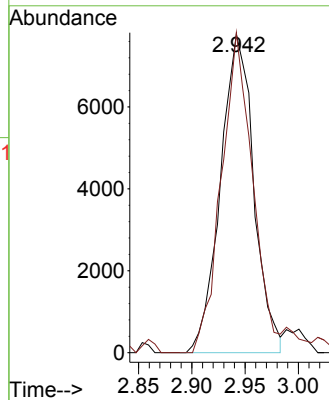


Tgt Ion: 94 Resp: 16894

Ion Ratio Lower Upper

94 100

96 100.5 73.1 109.7



#6

Chloroethane

Concen: 5.939 ug/l

RT: 3.112 min Scan# 197

Delta R.T. 0.000 min

Lab File: VN079720.D

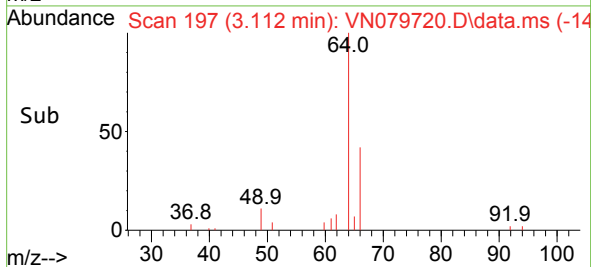
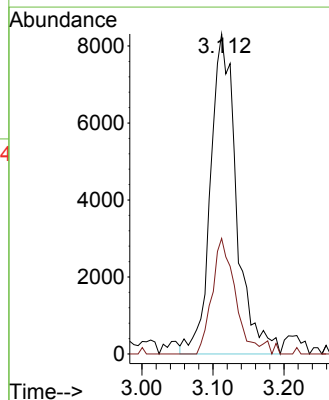
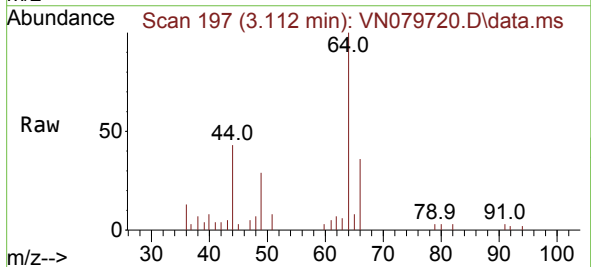
Acq: 30 Oct 2023 11:46

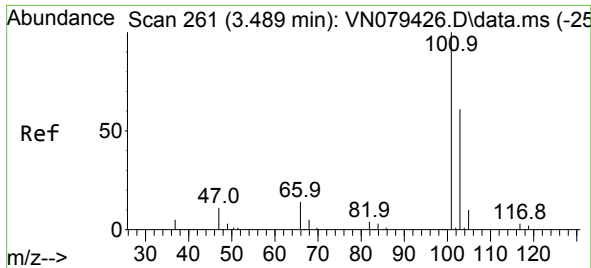
Tgt Ion: 64 Resp: 21137

Ion Ratio Lower Upper

64 100

66 36.1 25.4 38.2

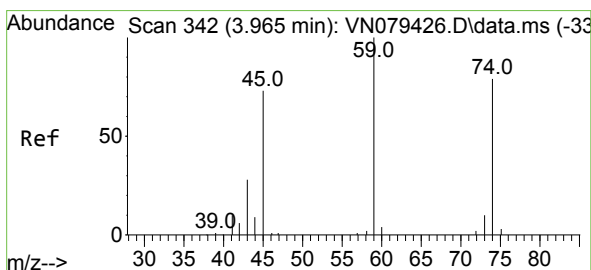
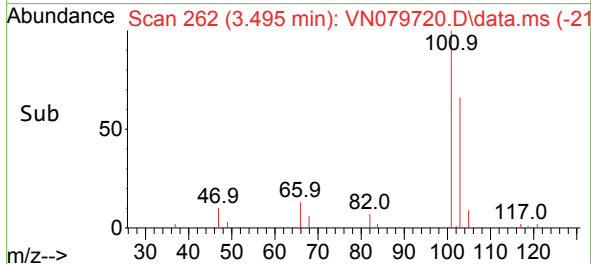
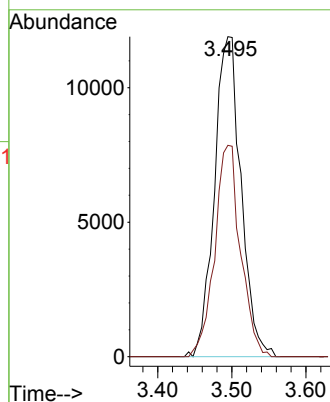
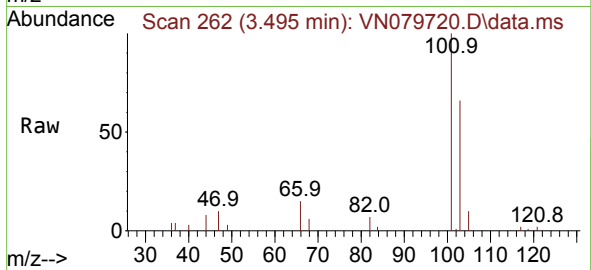




#7
Trichlorofluoromethane
Concen: 5.195 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

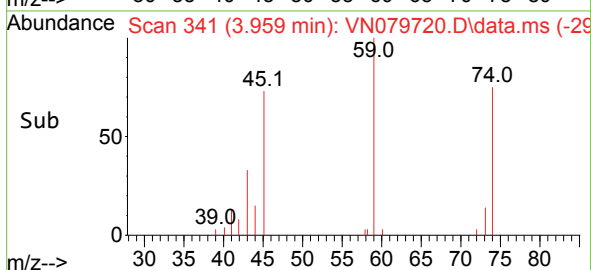
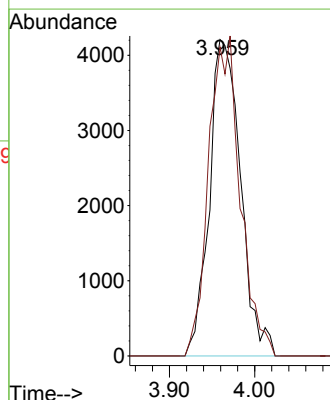
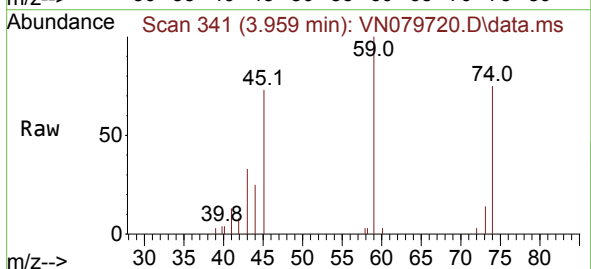
Instrument :
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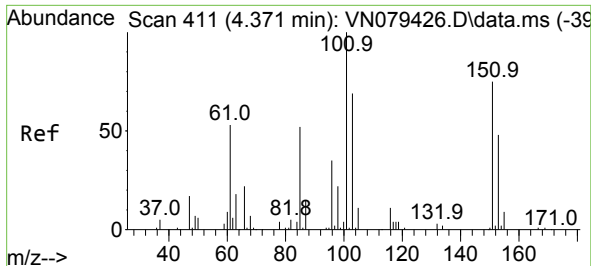
Tgt Ion:101 Resp: 29680
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1



#8
Diethyl Ether
Concen: 5.185 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 74 Resp: 10720
Ion Ratio Lower Upper
74 100
45 101.7 34.4 103.3

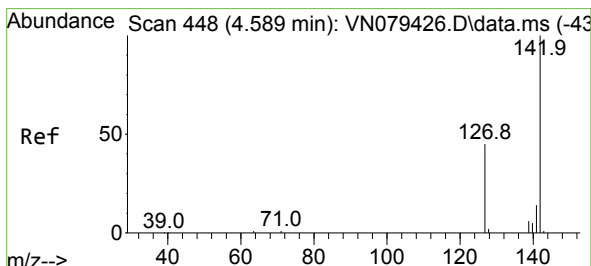
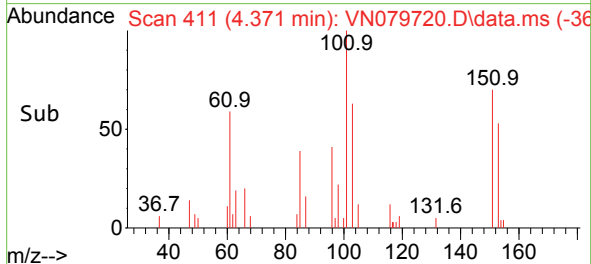
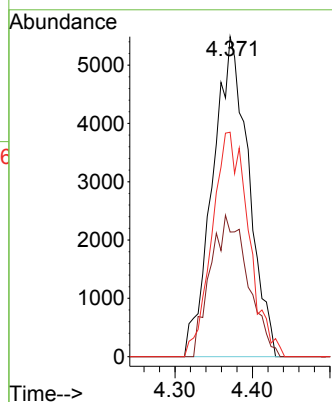
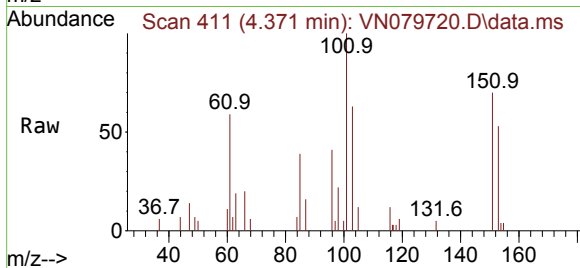




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.351 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

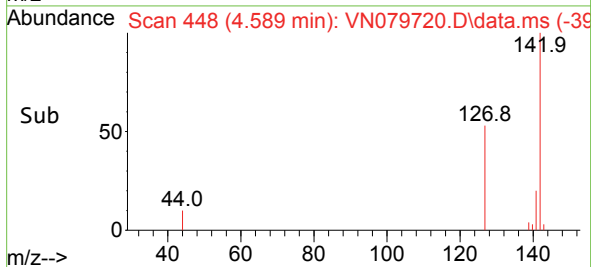
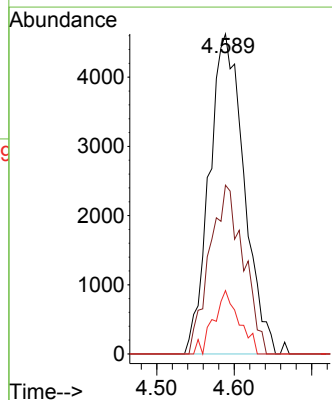
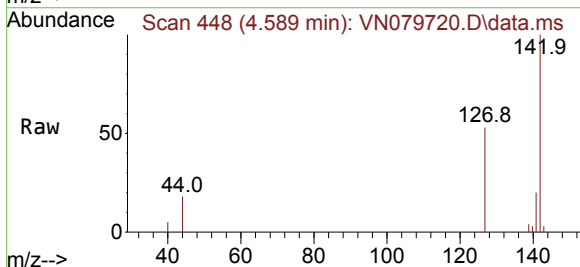
Instrument :
MSVOA_N
ClientSampleId :

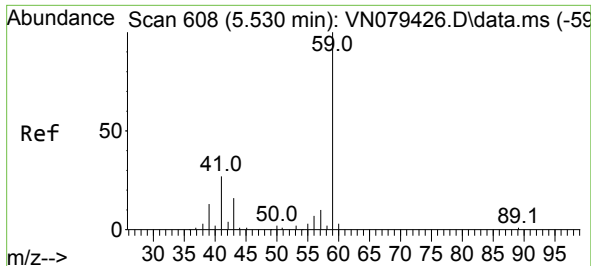
Tgt Ion:101 Resp: 17706
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 71.2 57.6 86.4



#10
Methyl Iodide
Concen: 4.322 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:142 Resp: 14392
Ion Ratio Lower Upper
142 100
127 52.7 37.6 56.4
141 19.8 11.4 17.0#

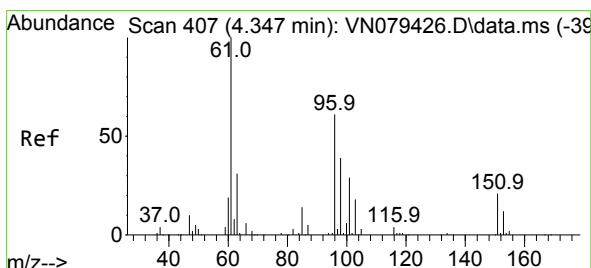
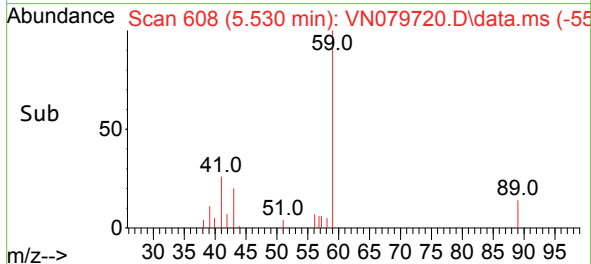
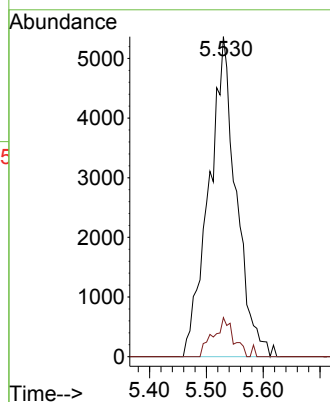
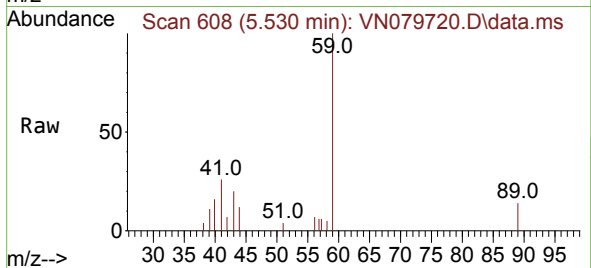




#11
Tert butyl alcohol
Concen: 29.925 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

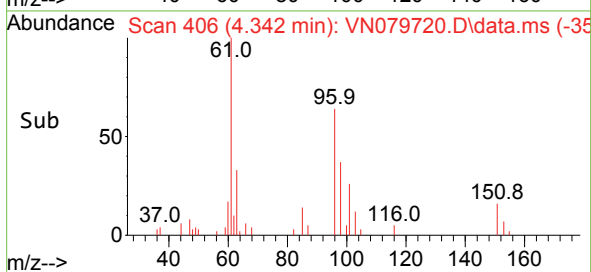
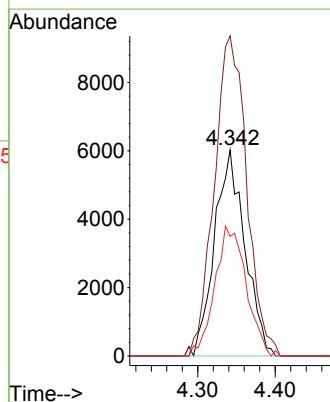
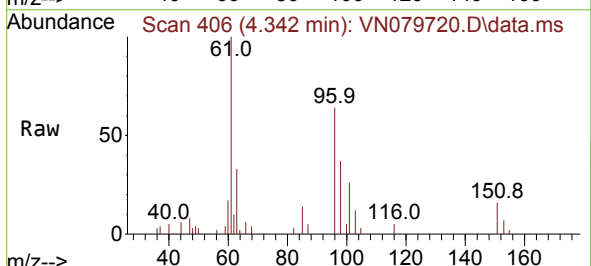
Instrument :
MSVOA_N
ClientSampleId :

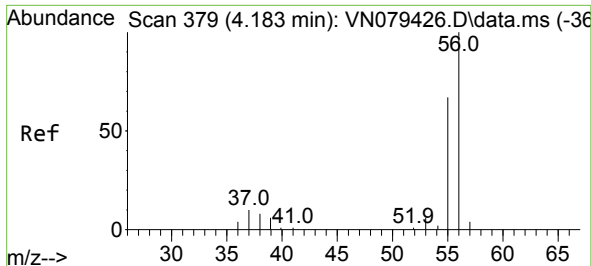
Tgt Ion: 59 Resp: 17979
Ion Ratio Lower Upper
59 100
57 8.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 5.311 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 96 Resp: 16459
Ion Ratio Lower Upper
96 100
61 155.4 112.7 169.1
98 58.0 51.2 76.8





#13

Acrolein

Concen: 28.363 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

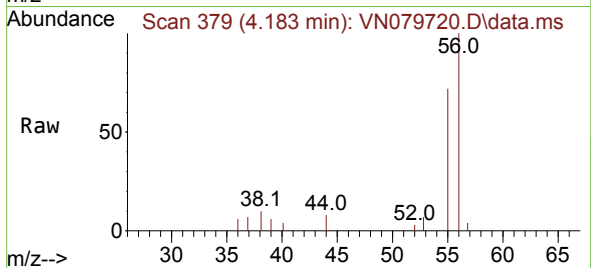
Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

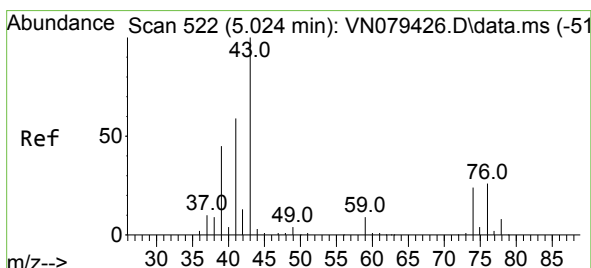
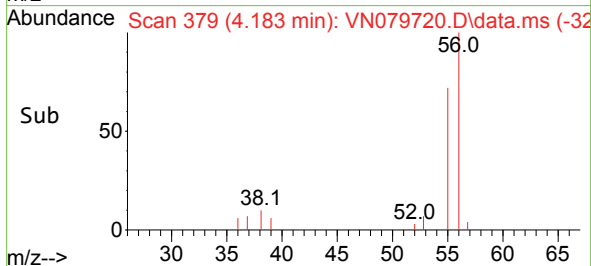
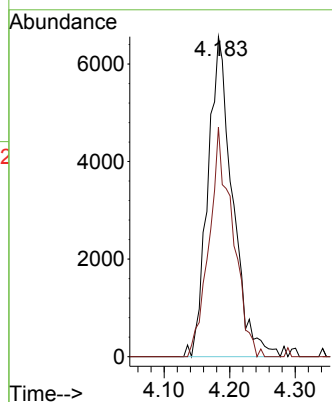


Tgt Ion: 56 Resp: 17142

Ion Ratio Lower Upper

56 100

55 68.6 54.5 81.7



#14

Allyl chloride

Concen: 5.389 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

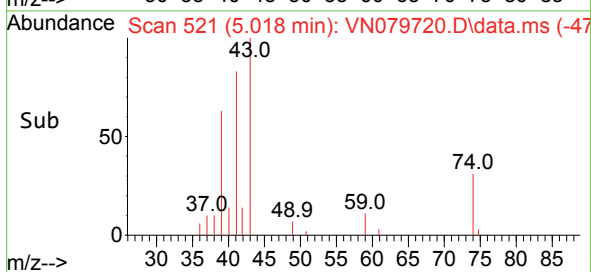
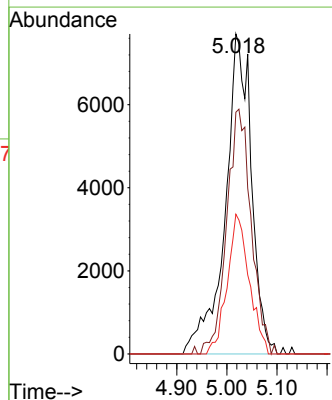
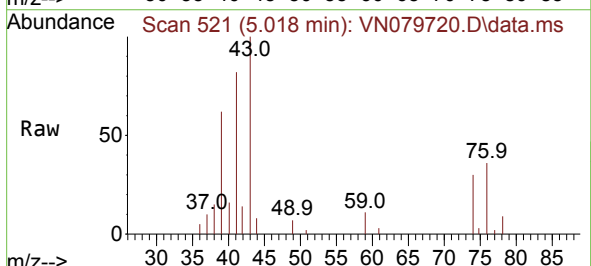
Tgt Ion: 41 Resp: 28008

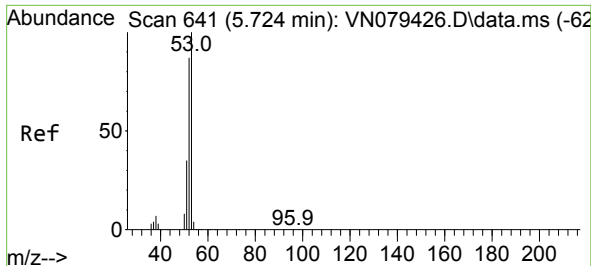
Ion Ratio Lower Upper

41 100

39 71.4 58.8 88.2

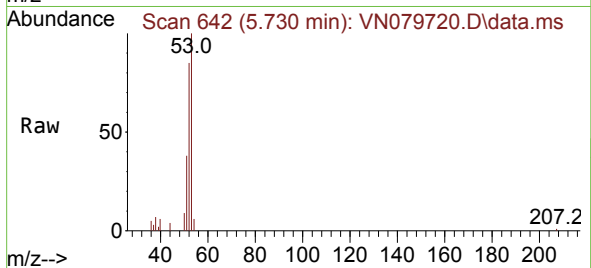
76 36.7 39.1 58.7#



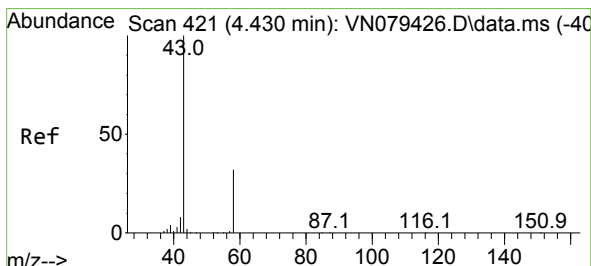
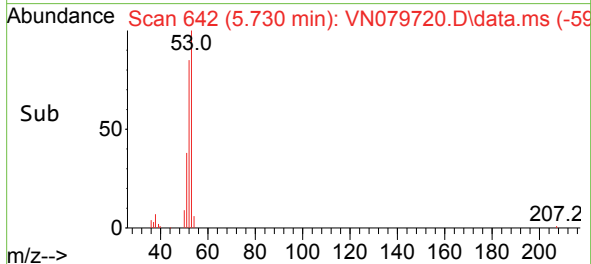
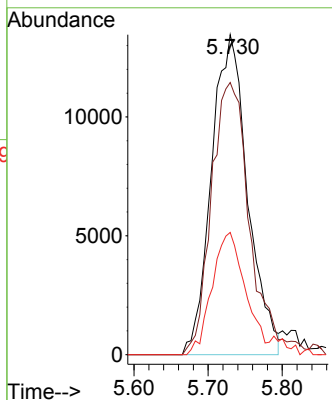


#15
Acrylonitrile
Concen: 24.725 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :

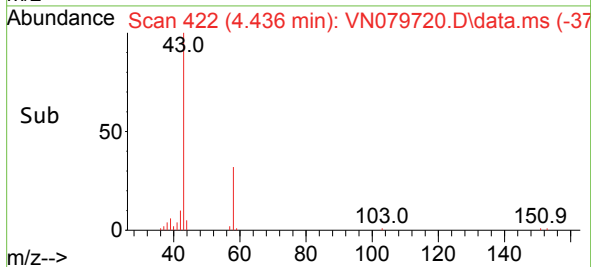
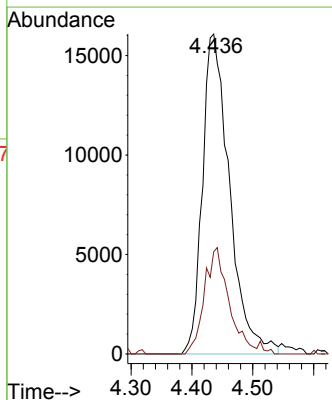
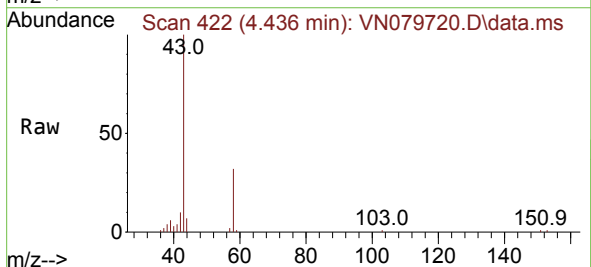


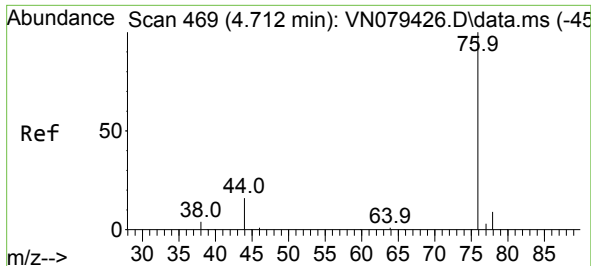
Tgt Ion: 53 Resp: 45711
Ion Ratio Lower Upper
53 100
52 90.2 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 25.600 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 43 Resp: 49611
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

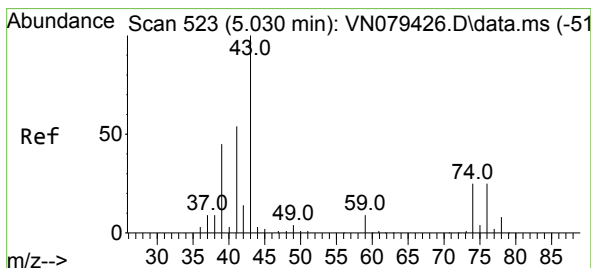
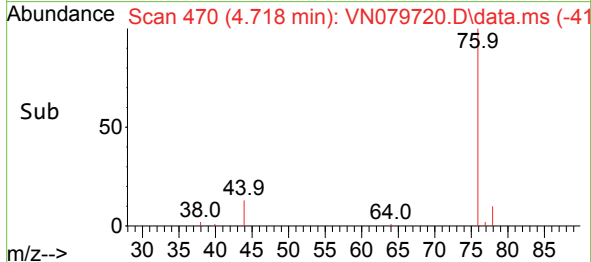
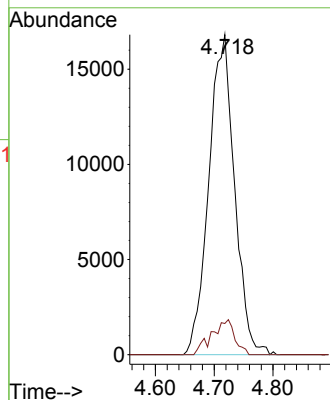
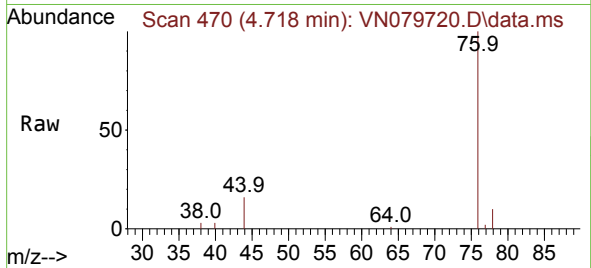




#17
Carbon Disulfide
Concen: 5.410 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

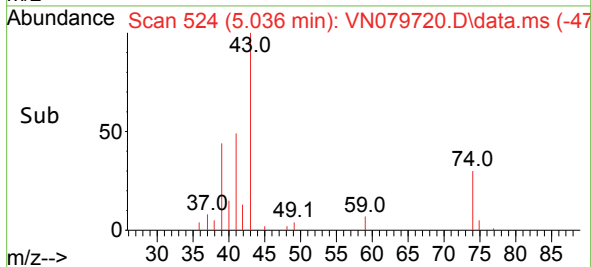
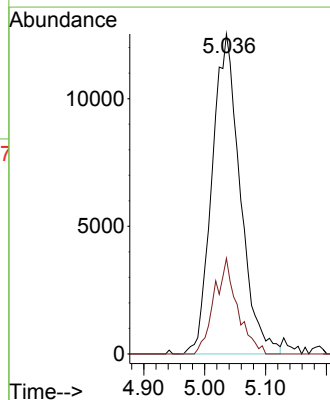
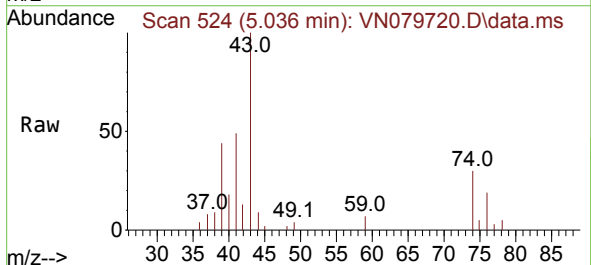
Instrument :
MSVOA_N
ClientSampleId :

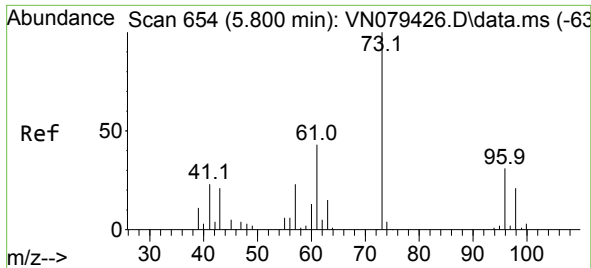
Tgt Ion: 76 Resp: 51198
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 5.138 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 43 Resp: 40174
Ion Ratio Lower Upper
43 100
74 24.7 26.2 39.4#

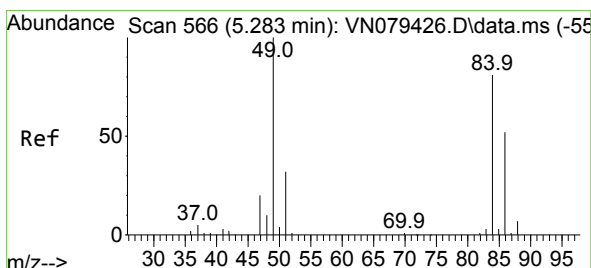
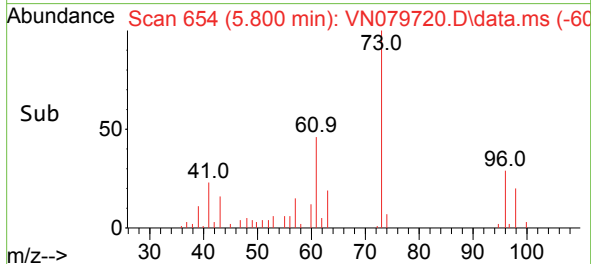
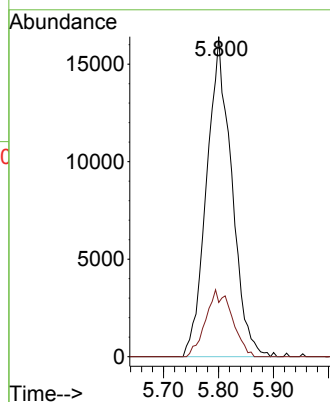
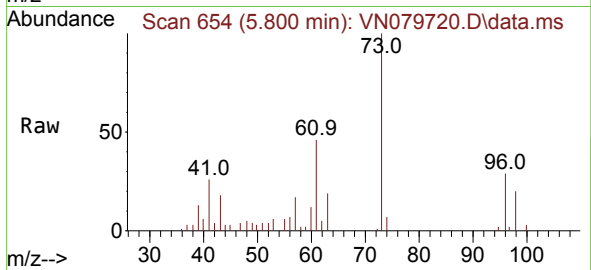




#19
Methyl tert-butyl Ether
Concen: 4.948 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

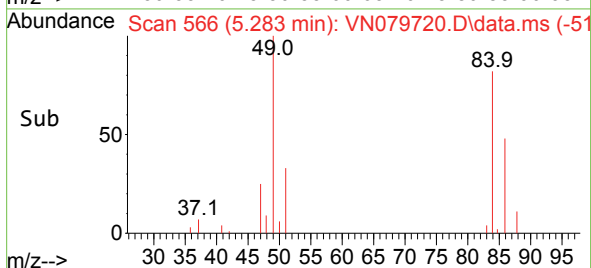
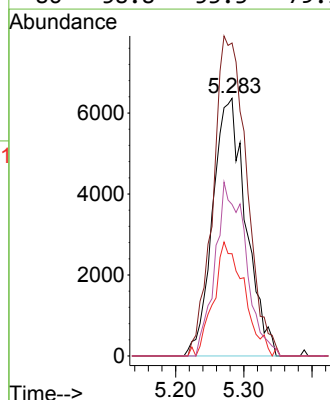
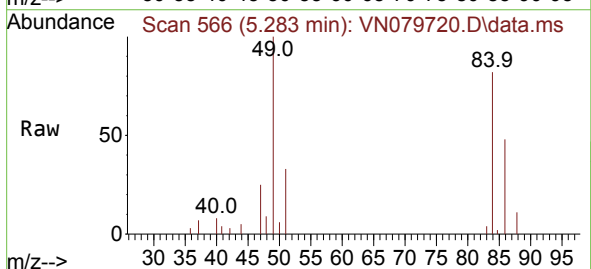
Instrument :
MSVOA_N
ClientSampleId :

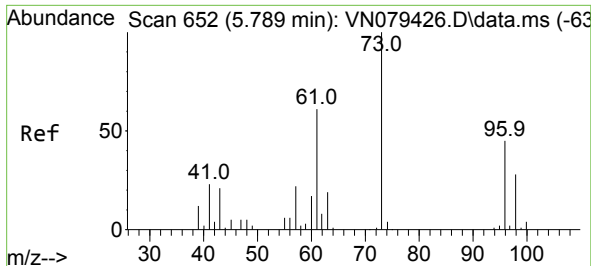
Tgt Ion: 73 Resp: 51884
Ion Ratio Lower Upper
73 100
57 16.9 15.6 23.4



#20
Methylene Chloride
Concen: 5.626 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 84 Resp: 21591
Ion Ratio Lower Upper
84 100
49 121.5 79.7 119.5#
51 39.7 25.2 37.8#
86 58.8 53.3 79.9

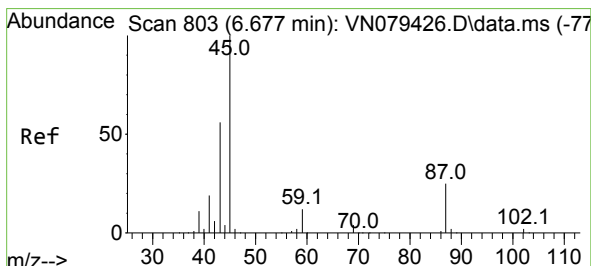
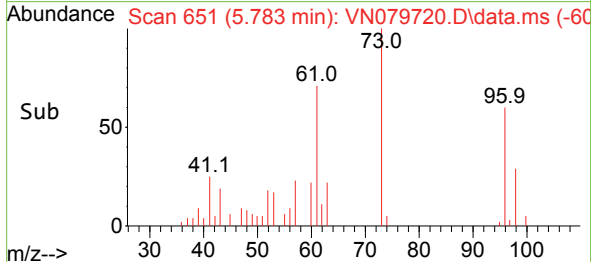
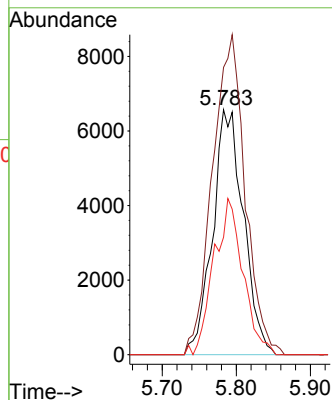
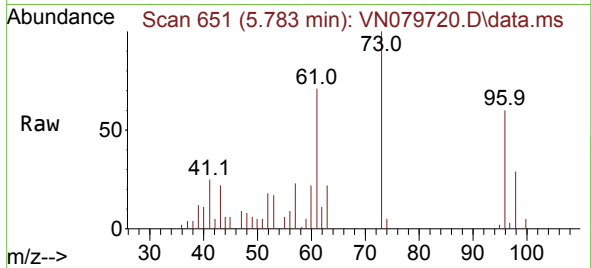




#21
trans-1,2-Dichloroethene
Concen: 5.394 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

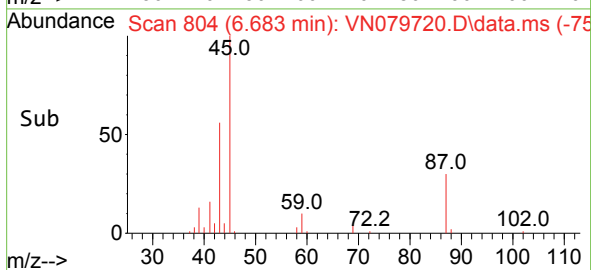
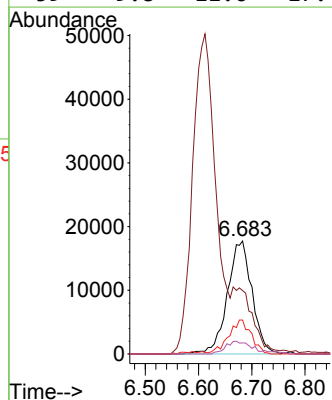
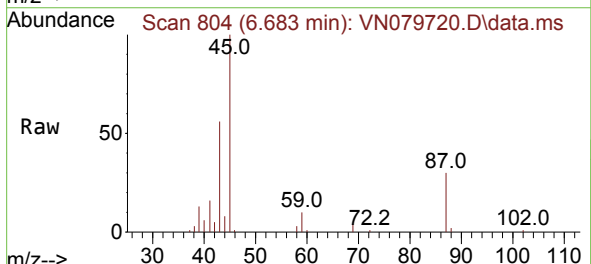
Instrument :
MSVOA_N
ClientSampleId :

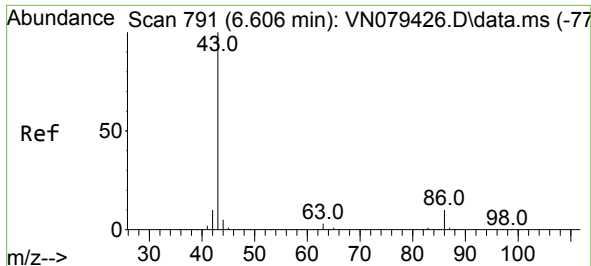
Tgt Ion: 96 Resp: 18976
Ion Ratio Lower Upper
96 100
61 117.3 90.1 135.1
98 47.9 46.4 69.6



#22
Diisopropyl ether
Concen: 4.882 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 45 Resp: 57046
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 30.0 31.8 47.8#
59 9.8 11.6 17.4#

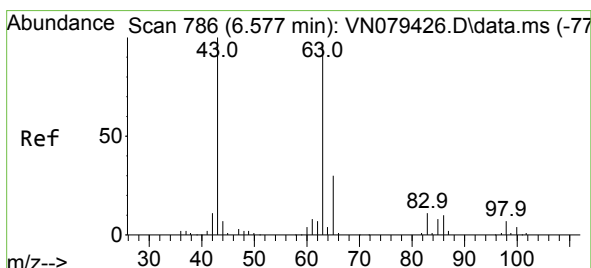
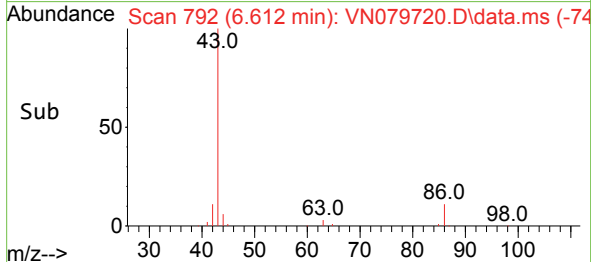
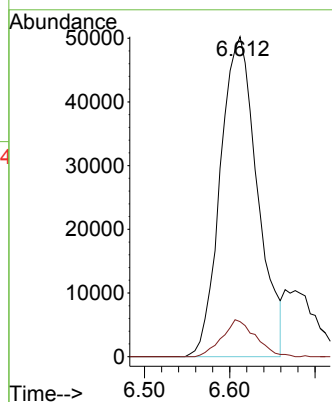
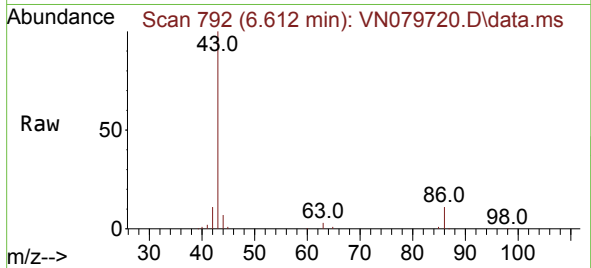




#23
 Vinyl Acetate
 Concen: 23.637 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

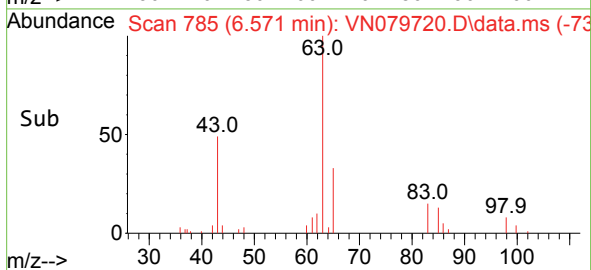
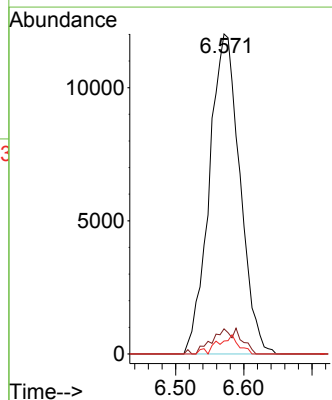
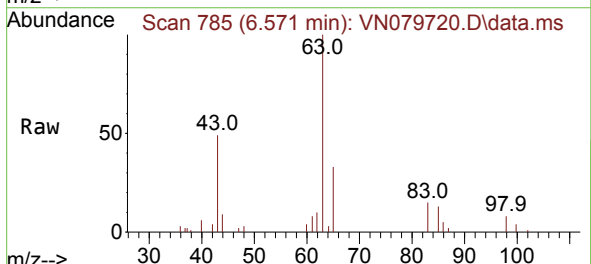
Instrument :
 MSVOA_N
 ClientSampleId :

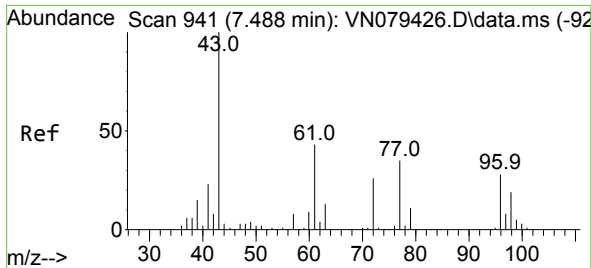
Tgt Ion: 43 Resp: 152058
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 5.352 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

Tgt Ion: 63 Resp: 37472
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.1 2.5 7.4

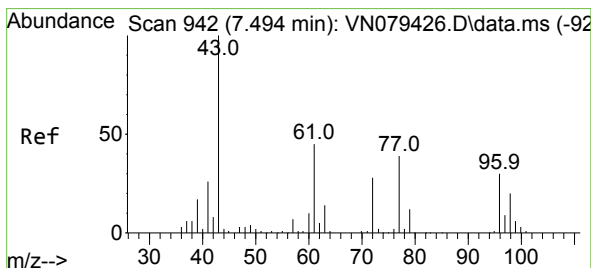
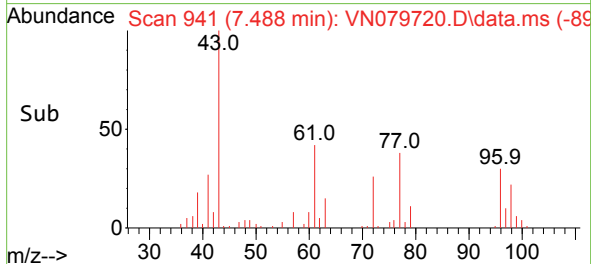
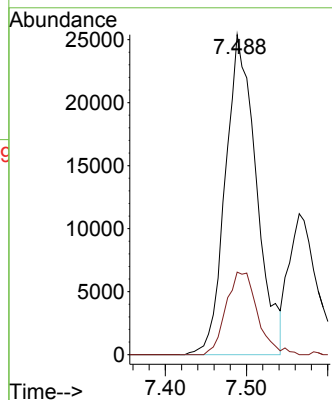
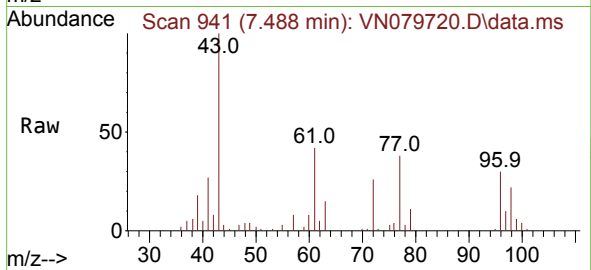




#25
2-Butanone
Concen: 25.289 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

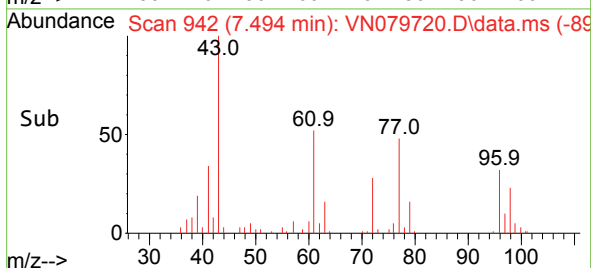
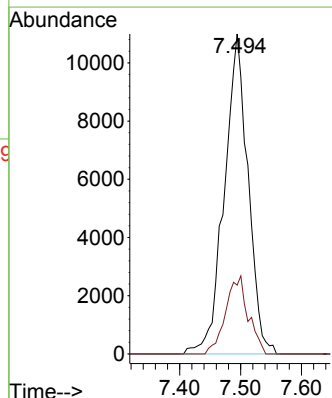
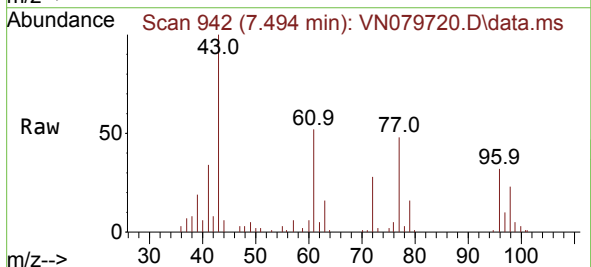
Instrument :
MSVOA_N
ClientSampleId :

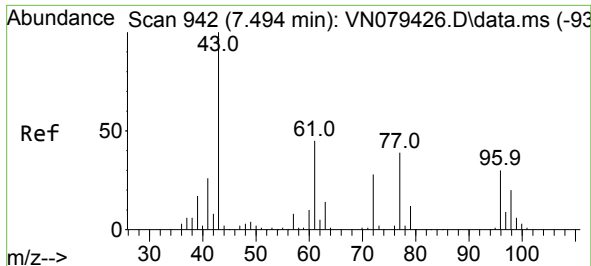
Tgt Ion: 43 Resp: 67320
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 5.259 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

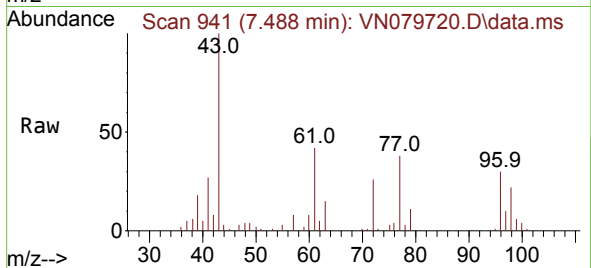
Tgt Ion: 77 Resp: 29796
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6



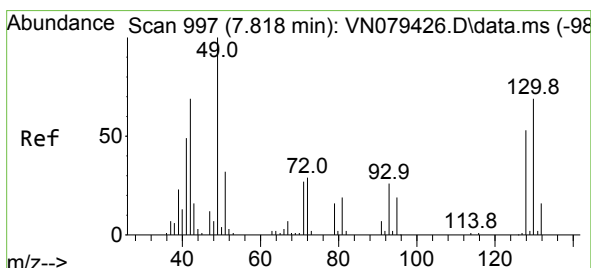
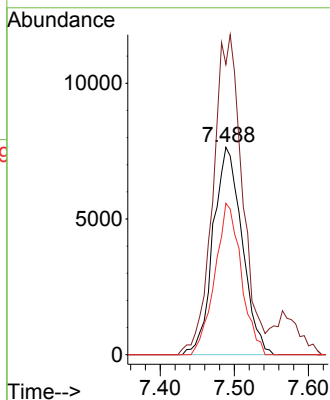
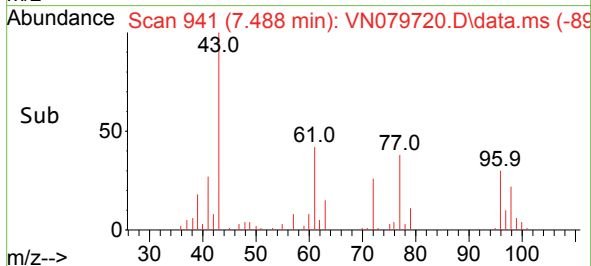


#27
 cis-1,2-Dichloroethene
 Concen: 5.120 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :

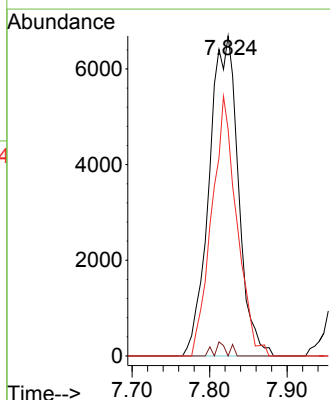
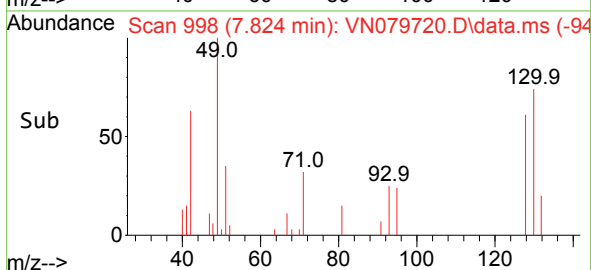
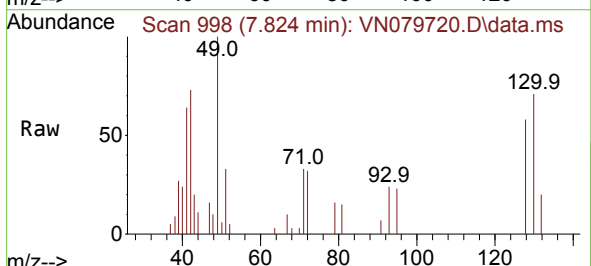


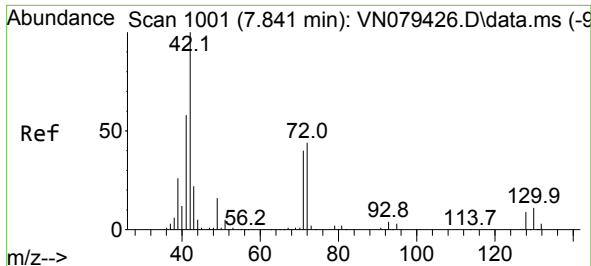
Tgt Ion: 96 Resp: 20735
 Ion Ratio Lower Upper
 96 100
 61 155.4 0.0 255.2
 98 66.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 5.107 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

Tgt Ion: 49 Resp: 17491
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 69.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 23.089 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079720.D

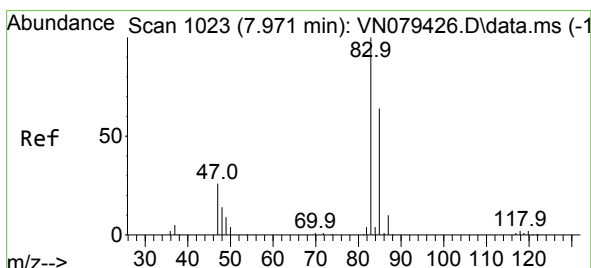
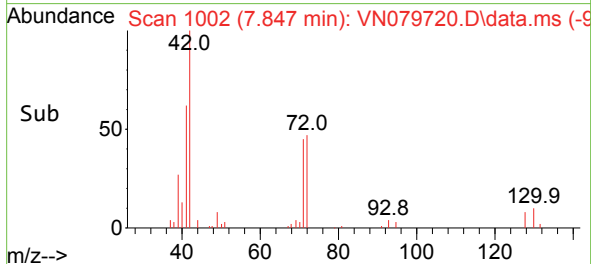
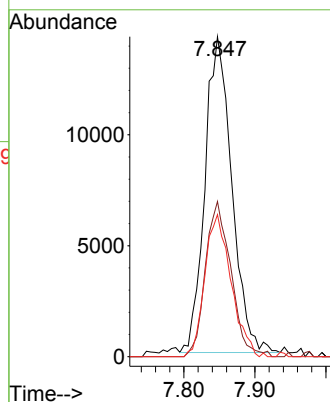
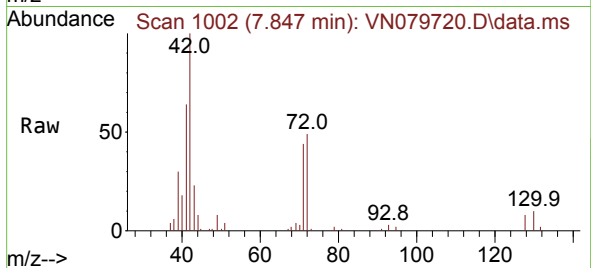
Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 37550
Ion Ratio	Lower Upper
42	100
72	46.4 49.8 74.6#
71	43.8 47.4 71.2#



#30

Chloroform

Concen: 5.171 ug/l

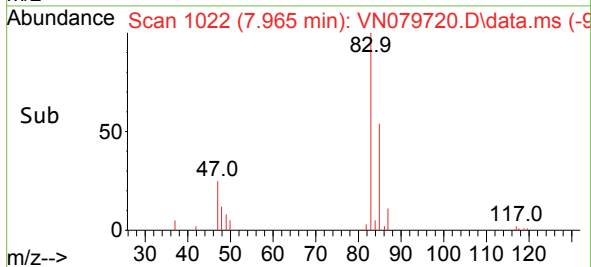
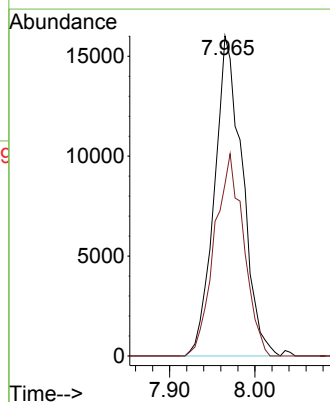
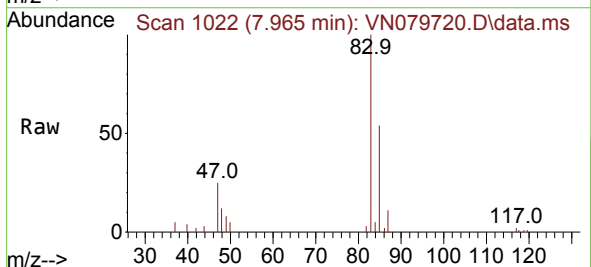
RT: 7.965 min Scan# 1022

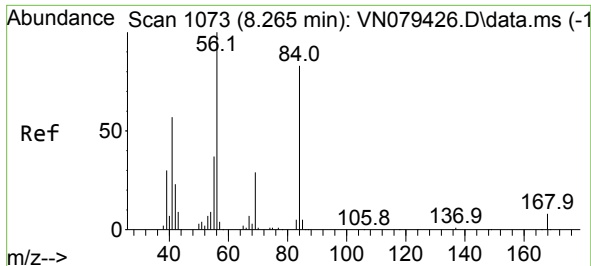
Delta R.T. -0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

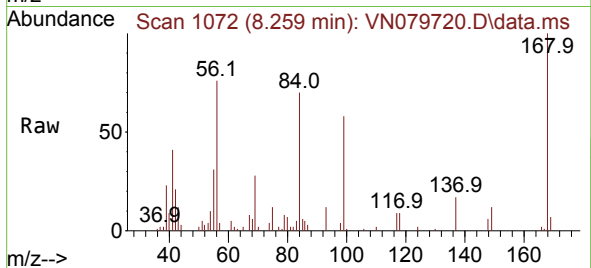
Tgt Ion: 83	Resp: 36459
Ion Ratio	Lower Upper
83	100
85	53.7 55.4 83.0#



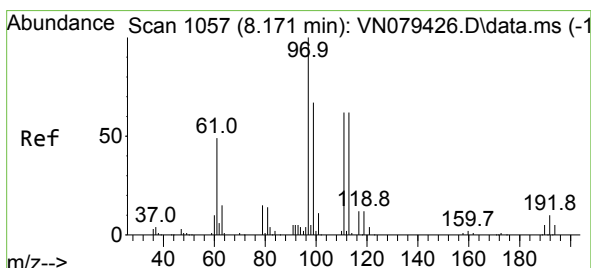
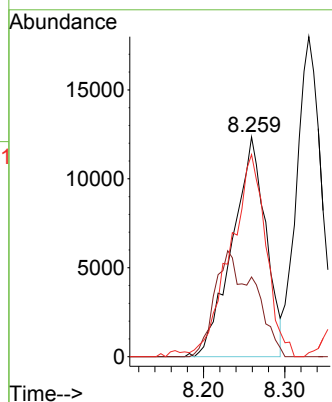
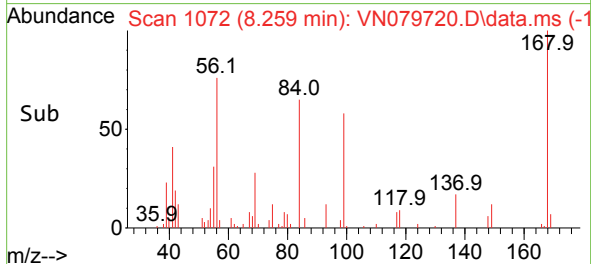


#31
Cyclohexane
Concen: 5.724 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :

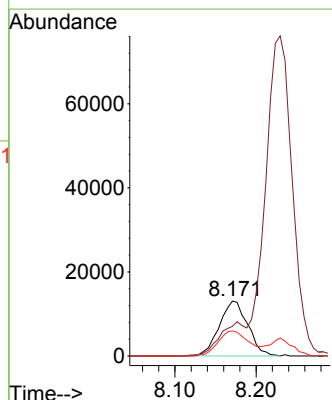
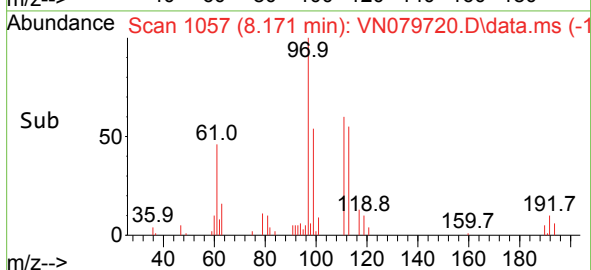
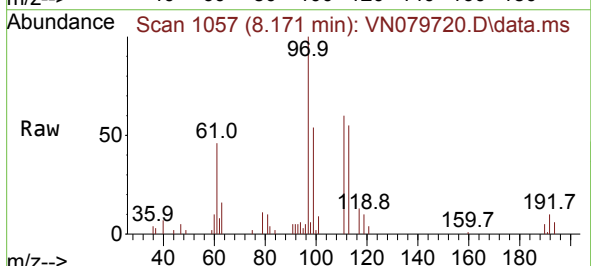


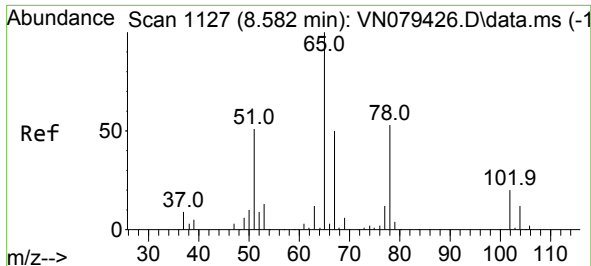
Tgt Ion: 56 Resp: 35375
Ion Ratio Lower Upper
56 100
69 36.3 26.8 40.2
84 90.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 5.222 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 97 Resp: 31917
Ion Ratio Lower Upper
97 100
99 56.2 50.3 75.5
61 49.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.169 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

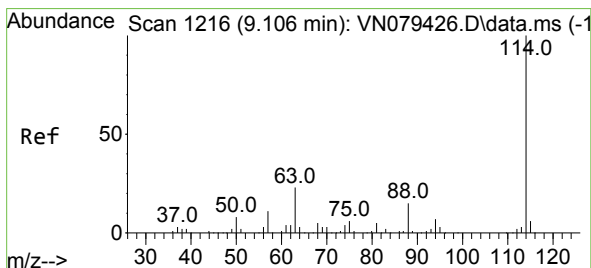
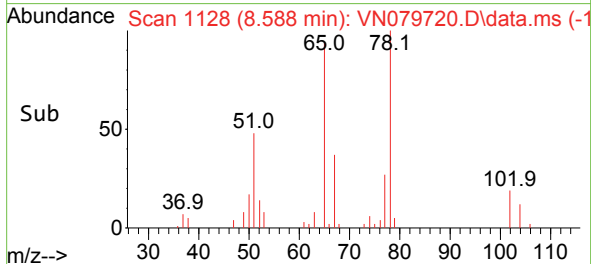
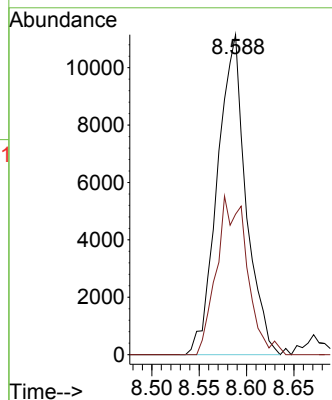
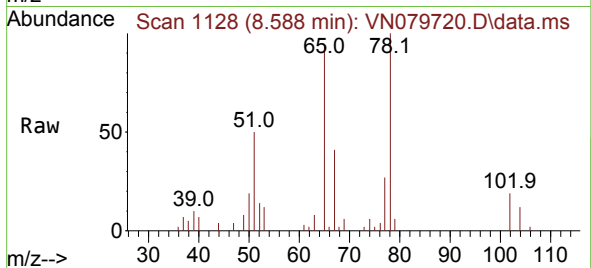
ClientSampleId :

Tgt Ion: 65 Resp: 23416

Ion Ratio Lower Upper

65 100

67 53.0 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: VN079720.D

Acq: 30 Oct 2023 11:46

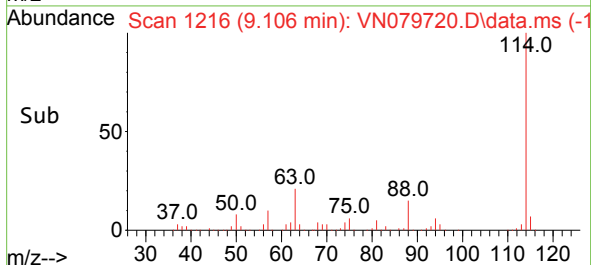
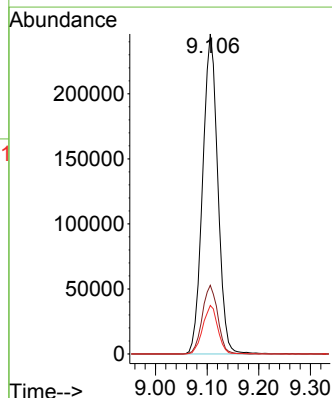
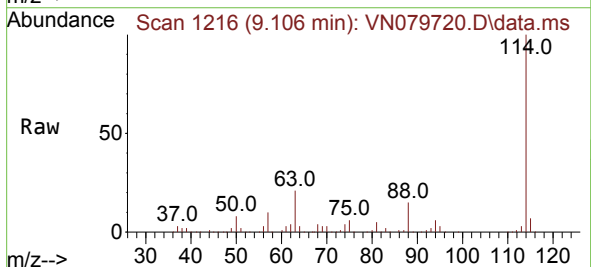
Tgt Ion: 114 Resp: 499886

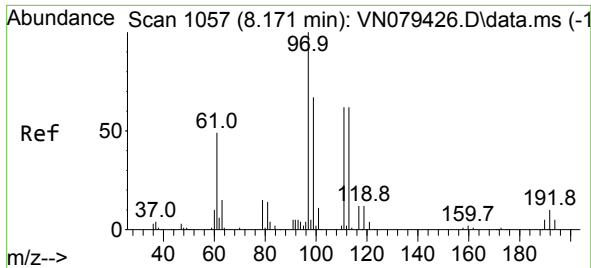
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

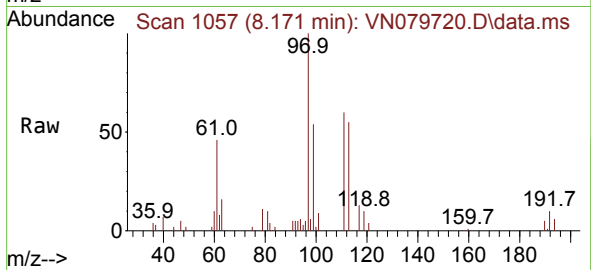
88 15.2 0.0 30.6



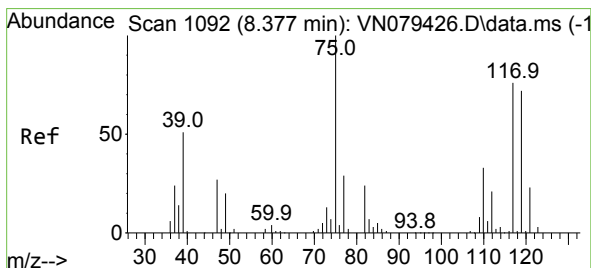
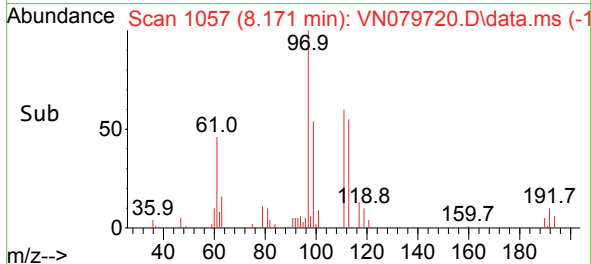
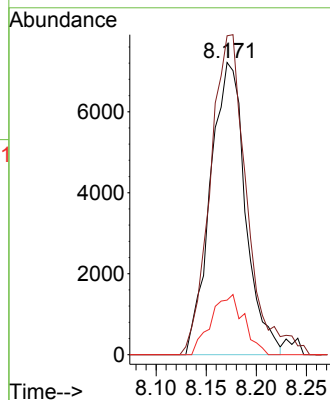


#35
Dibromofluoromethane
Concen: 4.918 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :

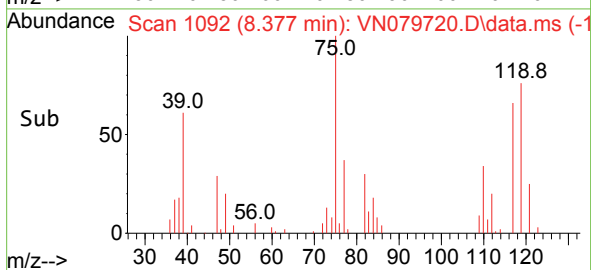
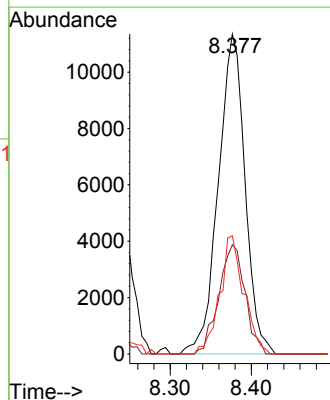
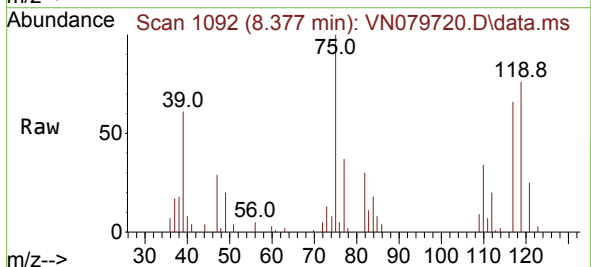


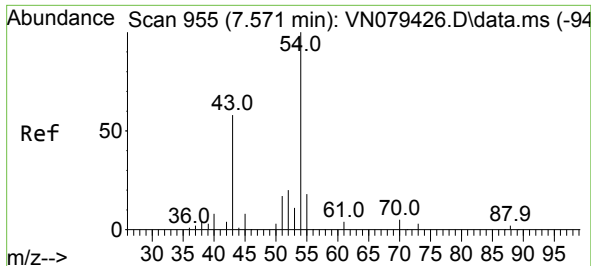
Tgt Ion:113 Resp: 17567
Ion Ratio Lower Upper
113 100
111 113.7 82.6 123.8
192 19.4 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 75 Resp: 25944
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.3
77 33.5 25.0 37.4





#37

Ethyl Acetate

Concen: 5.383 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

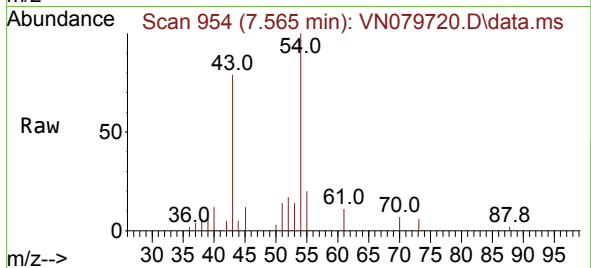
Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

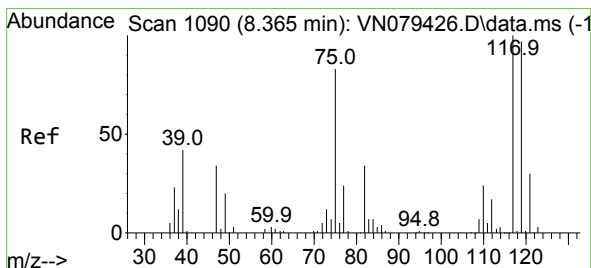
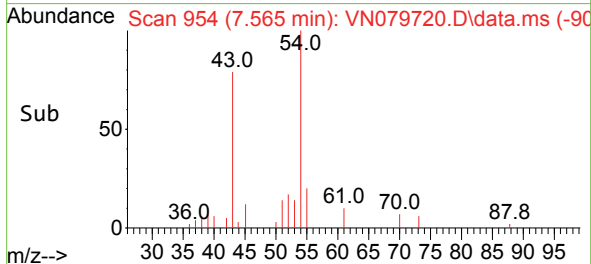
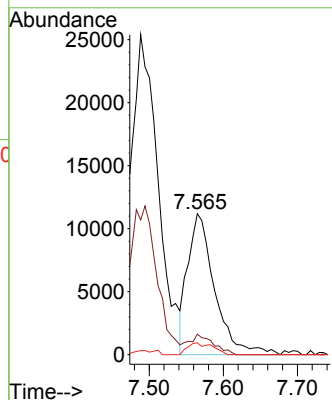
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	28275
Ion	Ratio	Lower	Upper
43	100		
61	12.1	13.2	19.8#
70	7.8	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 5.199 ug/l

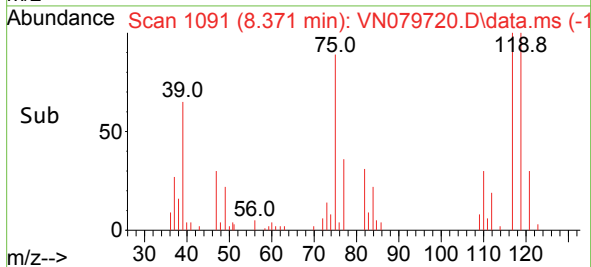
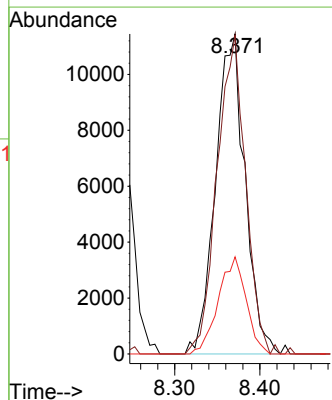
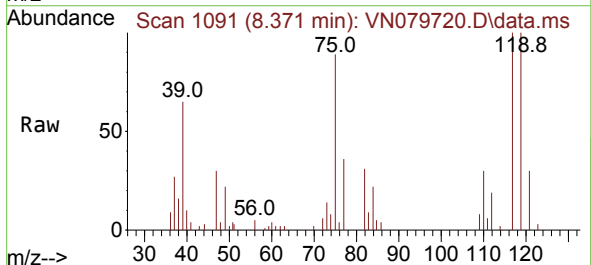
RT: 8.371 min Scan# 1091

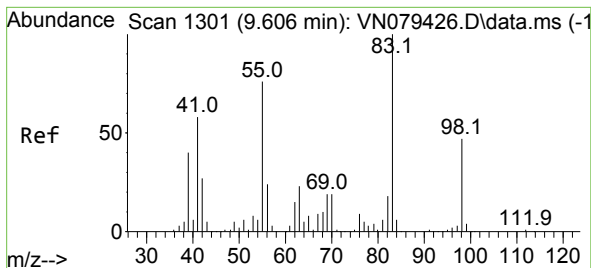
Delta R.T. 0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Tgt Ion:	117	Resp:	27471
Ion	Ratio	Lower	Upper
117	100		
119	99.6	77.3	115.9
121	30.3	23.3	34.9





#39

Methylcyclohexane

Concen: 4.873 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

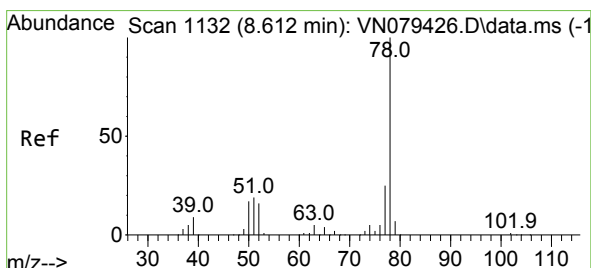
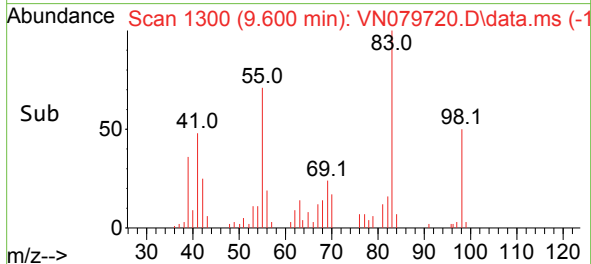
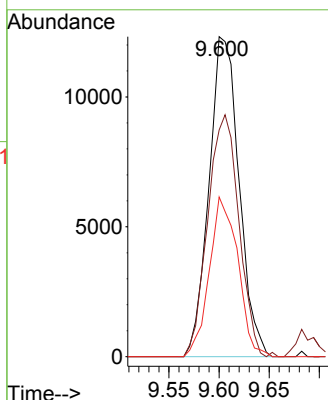
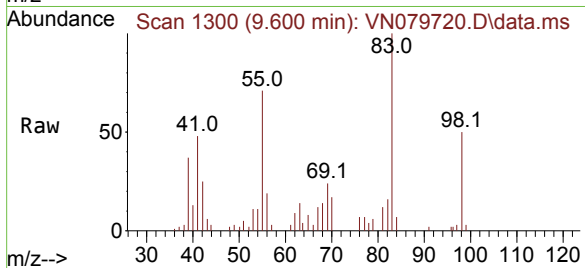
Tgt Ion: 83 Resp: 25684

Ion Ratio Lower Upper

83 100

55 70.8 49.1 73.7

98 49.9 40.6 61.0



#40

Benzene

Concen: 5.044 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079720.D

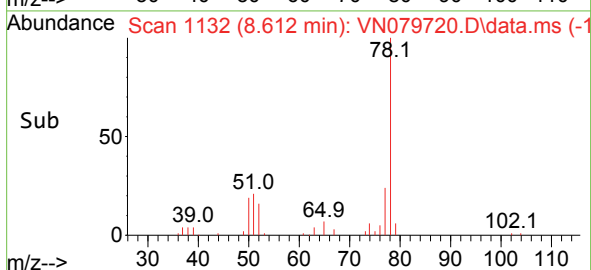
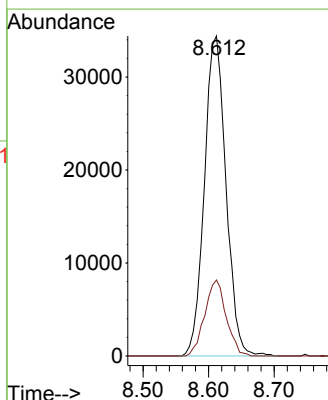
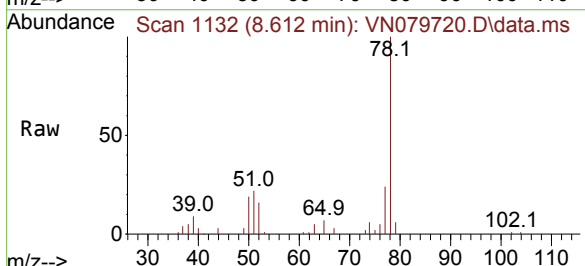
Acq: 30 Oct 2023 11:46

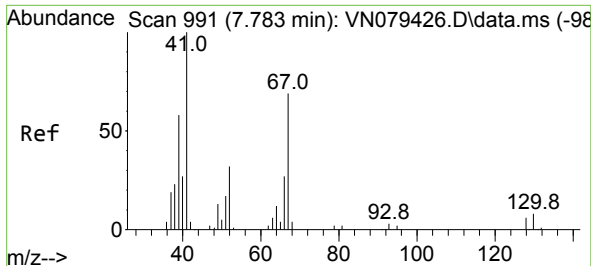
Tgt Ion: 78 Resp: 78891

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

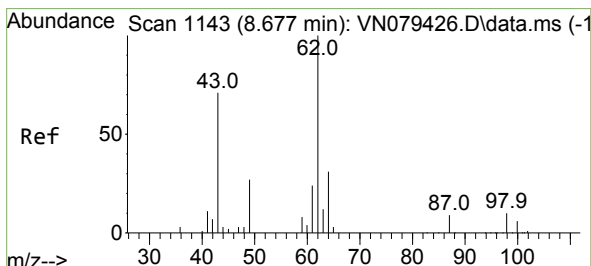
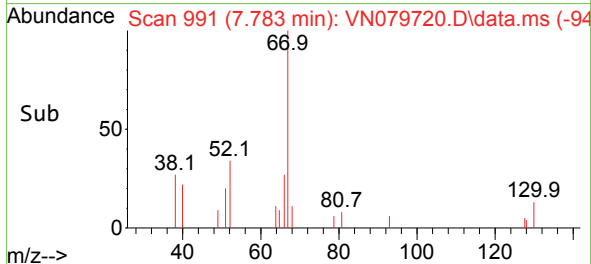
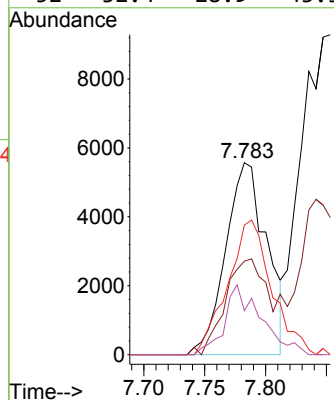
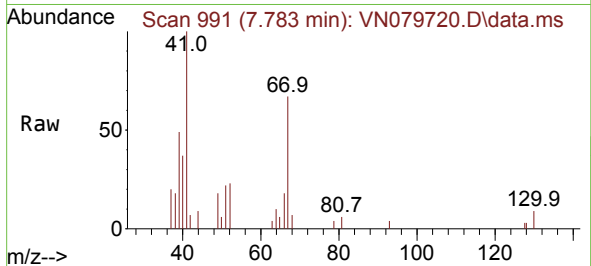




#41
Methacrylonitrile
Concen: 4.770 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

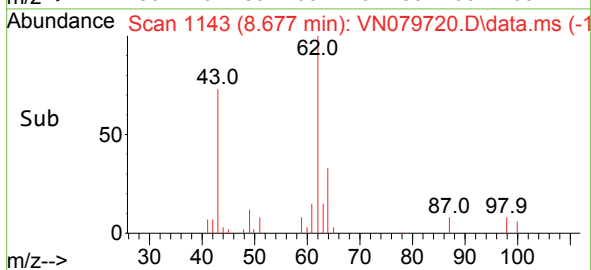
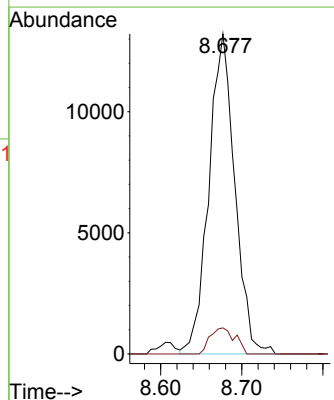
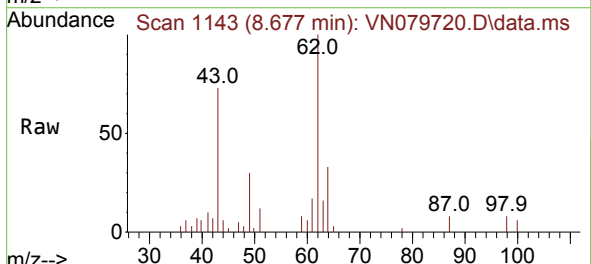
Instrument :
MSVOA_N
ClientSampleId :

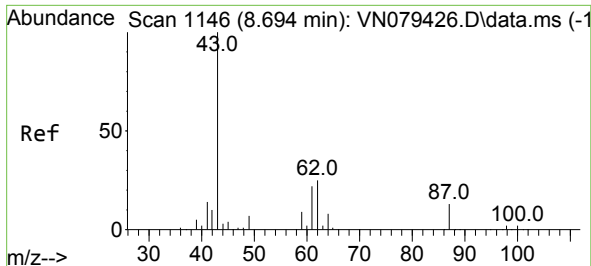
Tgt Ion:	41	Resp:	13067
Ion	Ratio	Lower	Upper
41	100		
39	49.9	42.6	64.0
67	74.8	77.5	116.3
52	32.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 5.176 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:	62	Resp:	29400
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	19.8

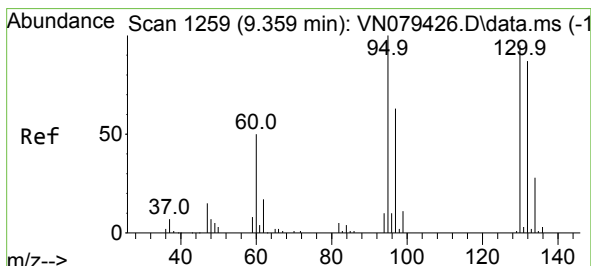
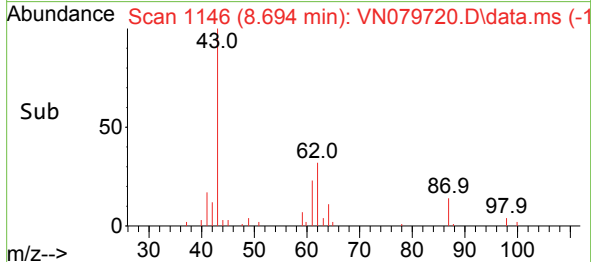
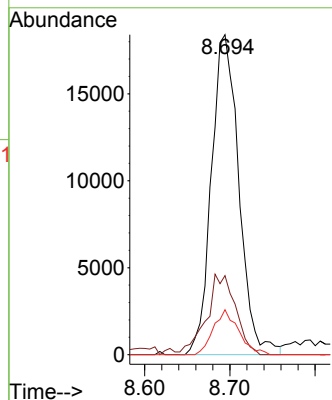
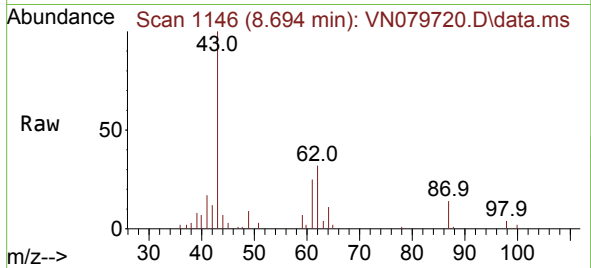




#43
Isopropyl Acetate
Concen: 4.921 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

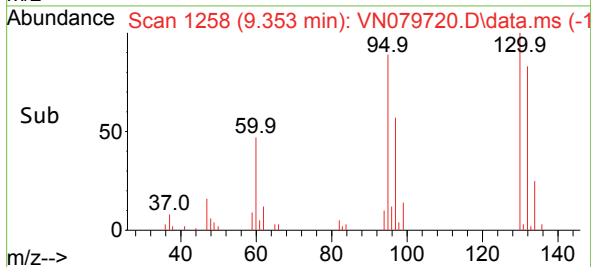
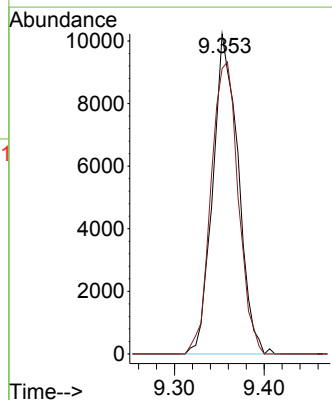
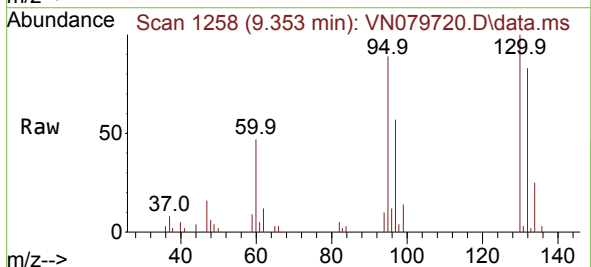
Instrument :
MSVOA_N
ClientSampleId :

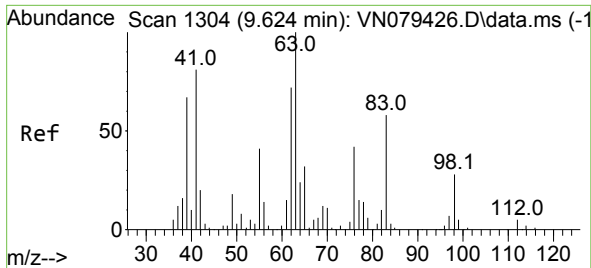
Tgt Ion: 43 Resp: 41321
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 12.9 14.6 21.8#



#44
Trichloroethene
Concen: 5.300 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:130 Resp: 20080
Ion Ratio Lower Upper
130 100
95 89.2 0.0 204.6

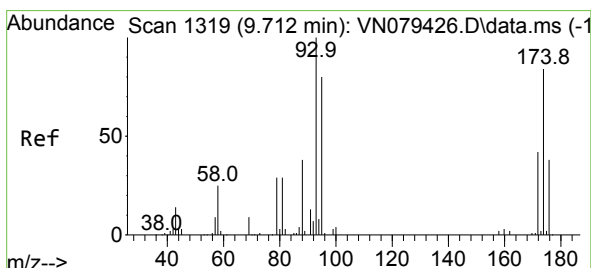
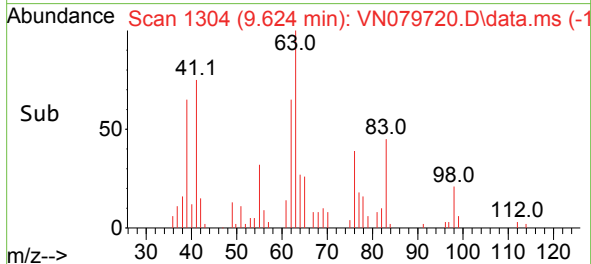
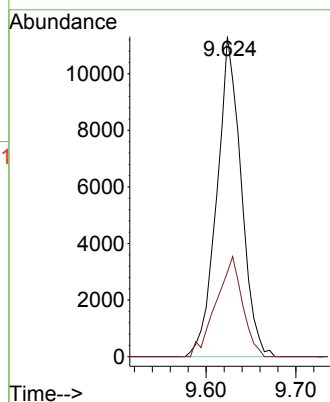
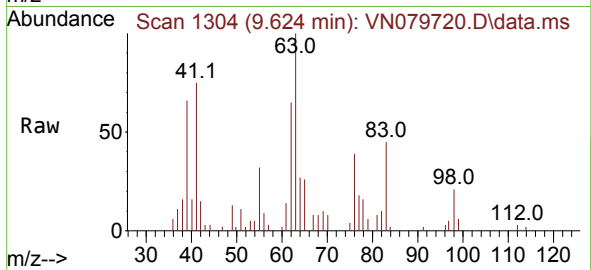




#45
1,2-Dichloropropane
Concen: 5.115 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

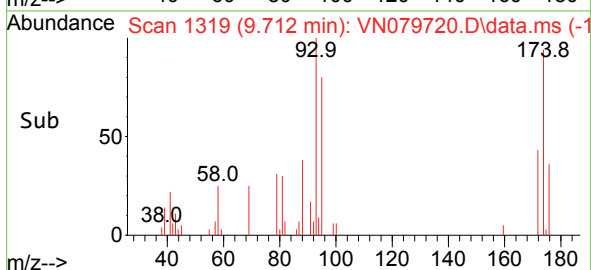
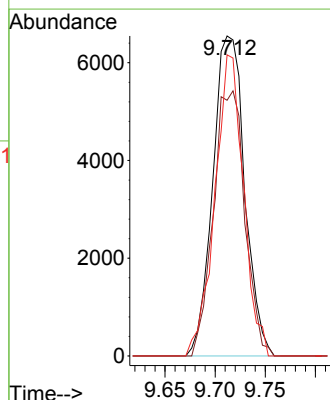
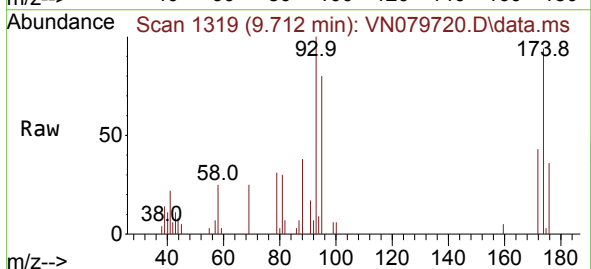
Instrument :
MSVOA_N
ClientSampleId :

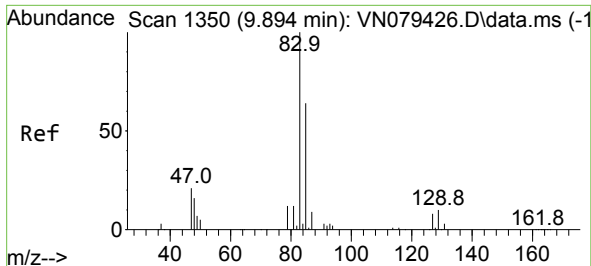
Tgt Ion: 63 Resp: 21249
Ion Ratio Lower Upper
63 100
65 26.4 23.9 35.9



#46
Dibromomethane
Concen: 5.153 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 93 Resp: 14436
Ion Ratio Lower Upper
93 100
95 82.0 63.8 95.8
174 84.6 65.6 98.4





#47

Bromodichloromethane

Concen: 5.035 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

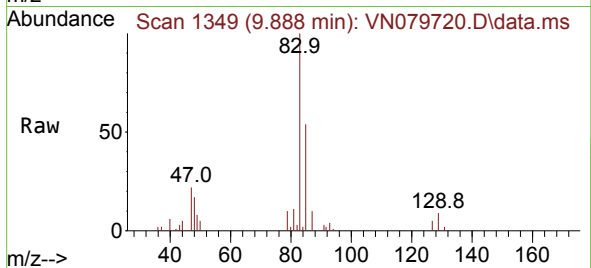
Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

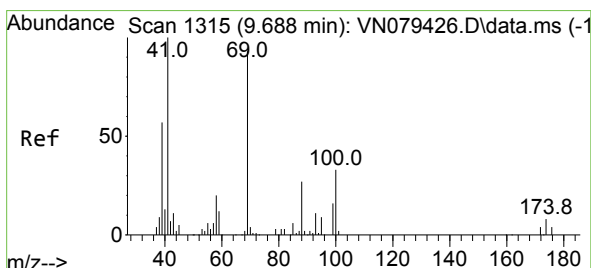
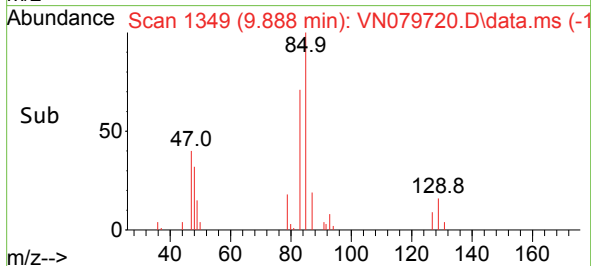
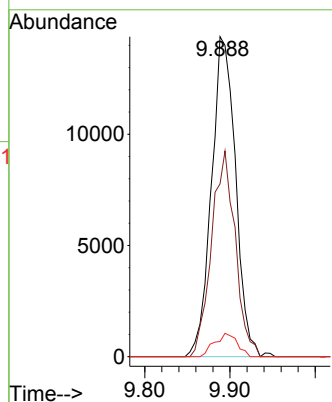
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	28298
Ion Ratio	Lower	Upper	
83	100		
85	54.0	49.6	74.4
127	4.7	7.0	10.6



#48

Methyl methacrylate

Concen: 4.776 ug/l

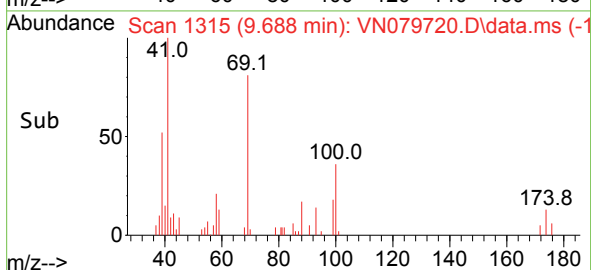
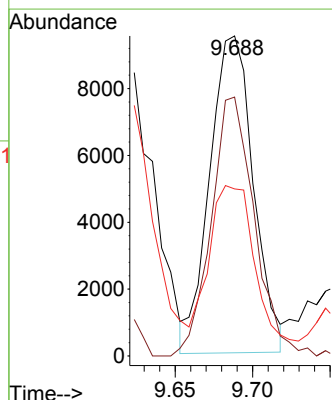
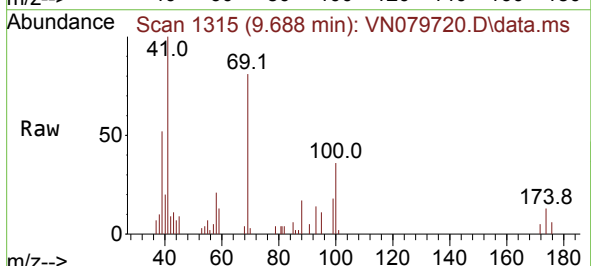
RT: 9.688 min Scan# 1315

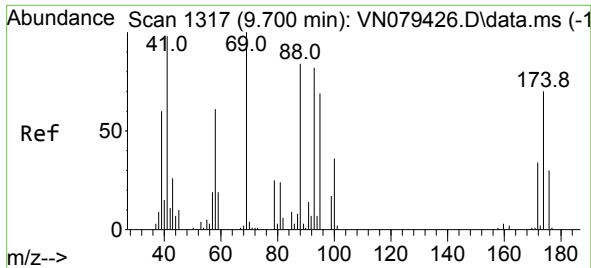
Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Tgt Ion:	41	Resp:	18594
Ion Ratio	Lower	Upper	
41	100		
69	80.9	90.4	135.6
39	58.8	54.6	81.8

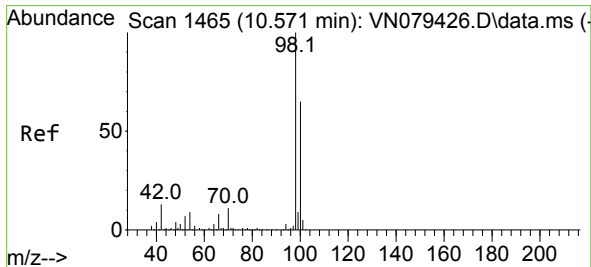
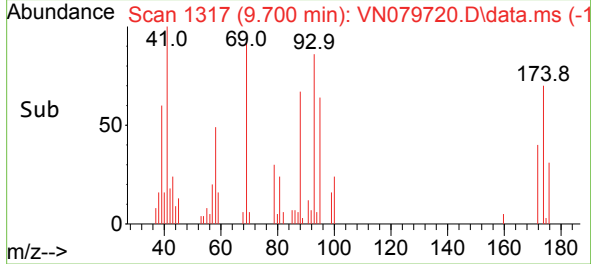
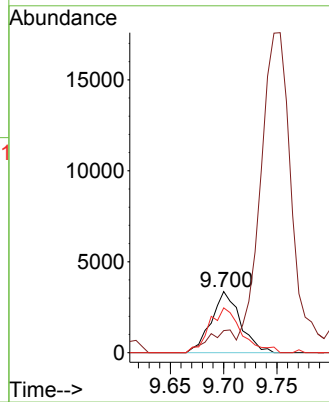
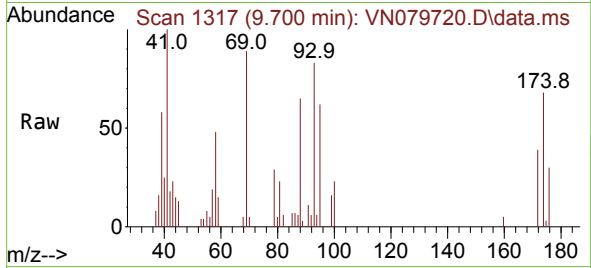




#49
1,4-Dioxane
Concen: 92.592 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

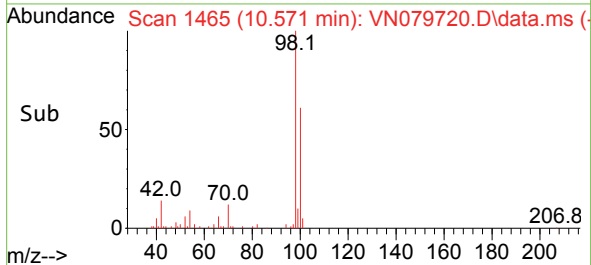
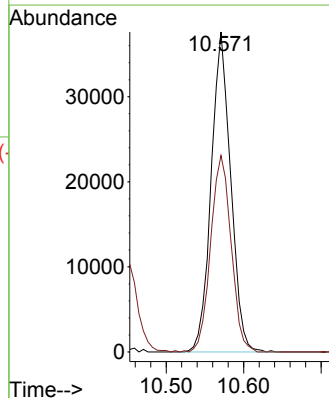
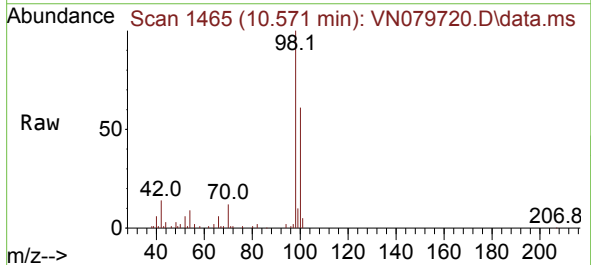
Instrument :
MSVOA_N
ClientSampleId :

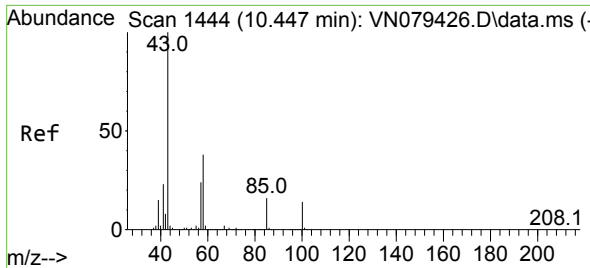
Tgt Ion: 88 Resp: 6343
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 81.2 47.0 70.4#



#50
Toluene-d8
Concen: 4.940 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 98 Resp: 65786
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

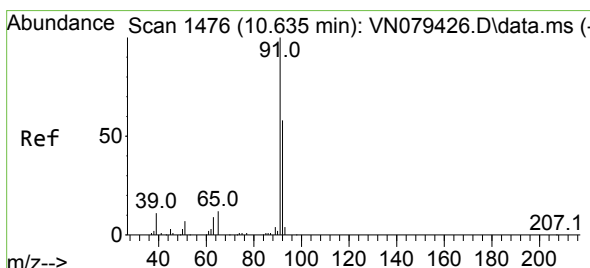
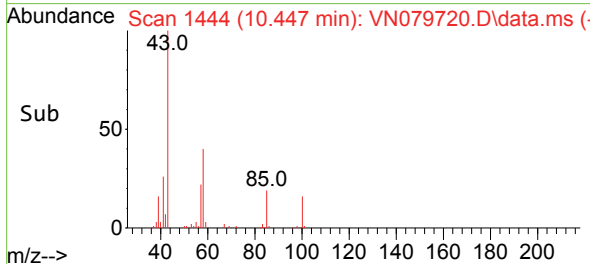
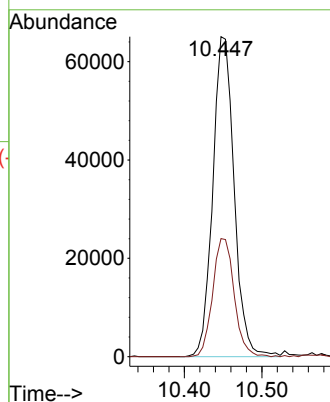
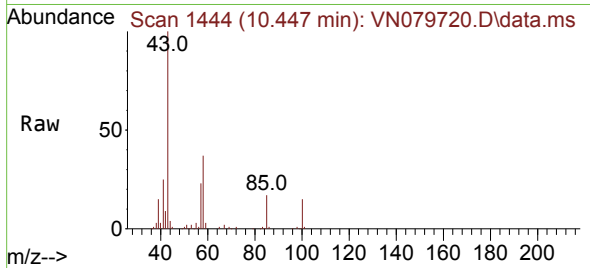




#51
4-Methyl-2-Pentanone
Concen: 23.904 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

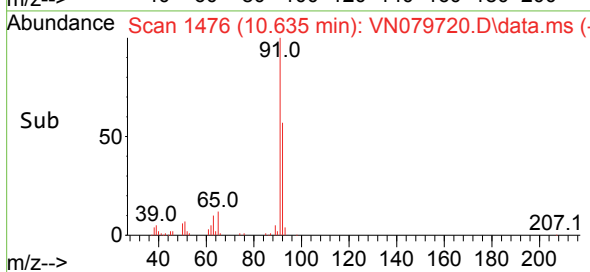
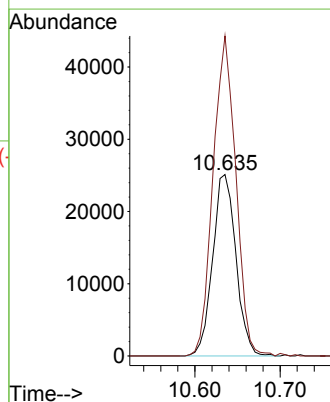
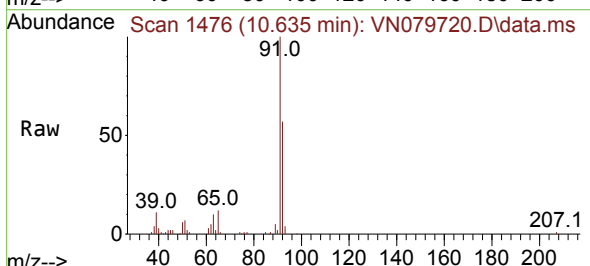
Instrument :
MSVOA_N
ClientSampleId :

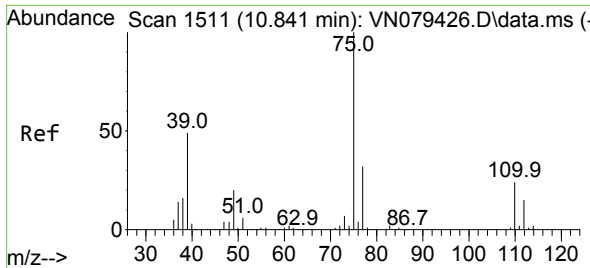
Tgt Ion: 43 Resp: 124890
Ion Ratio Lower Upper
43 100
58 37.1 36.6 54.8



#52
Toluene
Concen: 4.993 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 92 Resp: 47673
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0

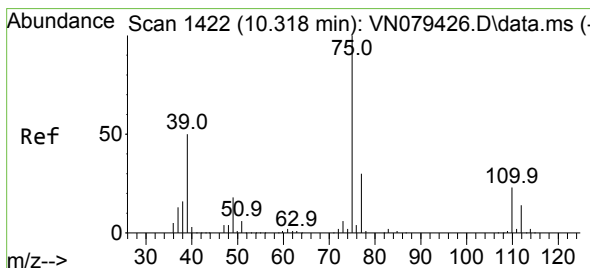
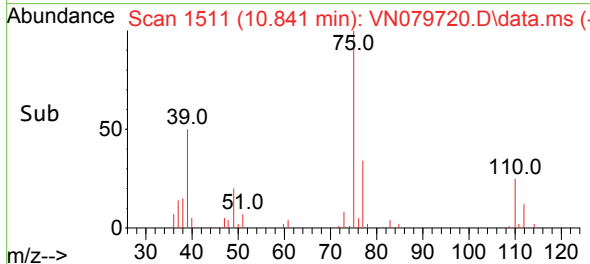
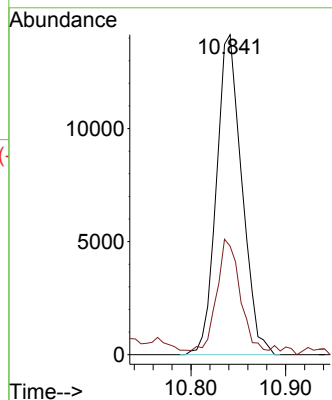
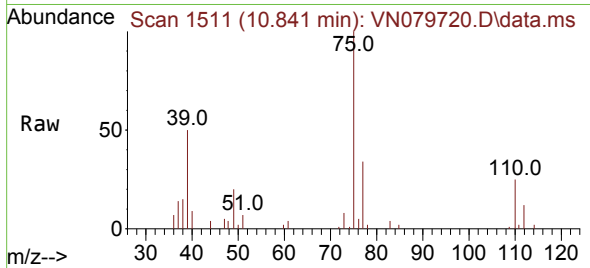




#53
 t-1,3-Dichloropropene
 Concen: 4.650 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

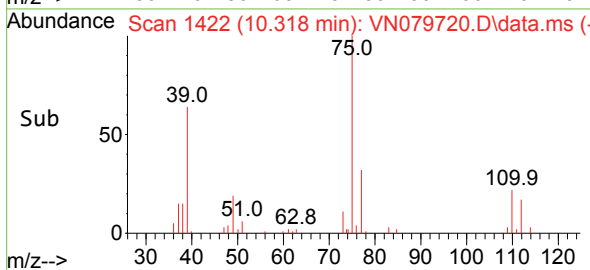
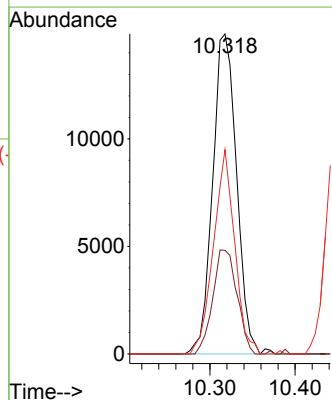
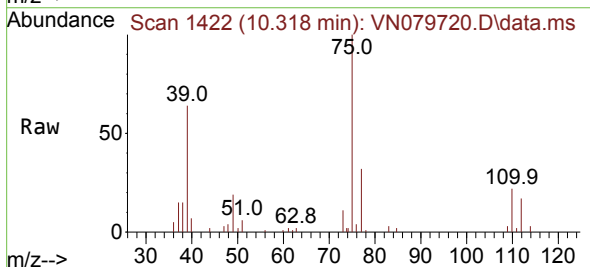
Instrument :
 MSVOA_N
 ClientSampleId :

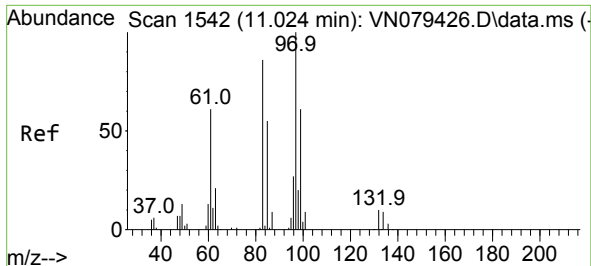
Tgt Ion: 75 Resp: 26391
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.686 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

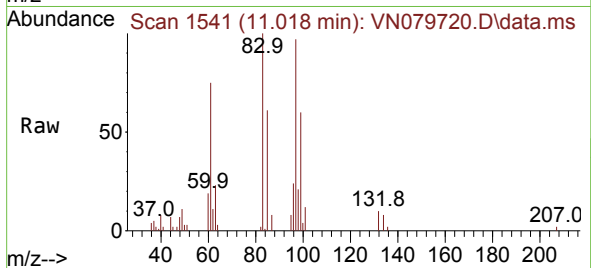
Tgt Ion: 75 Resp: 29099
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 63.8 31.6 47.4#



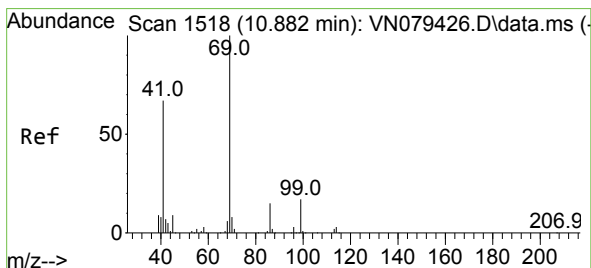
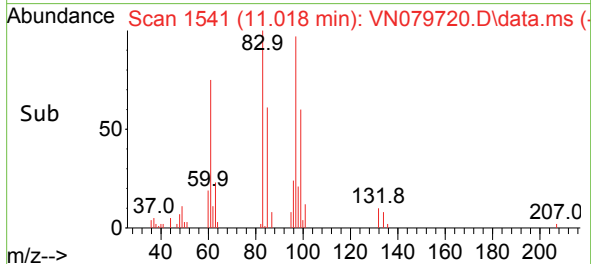
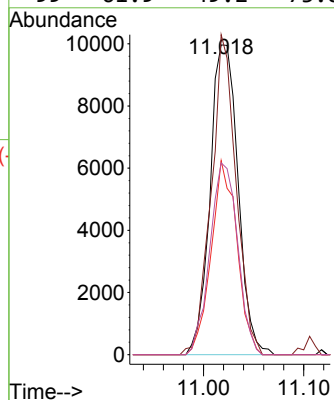


#55
1,1,2-Trichloroethane
Concen: 5.114 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :

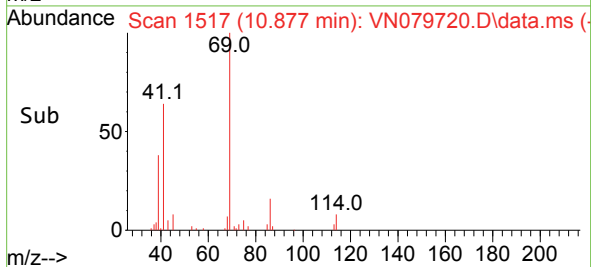
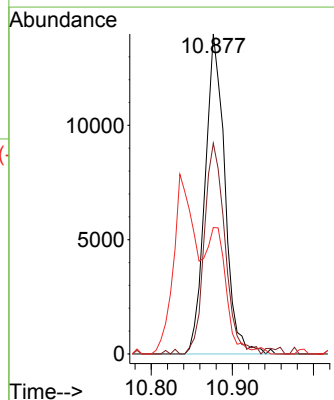
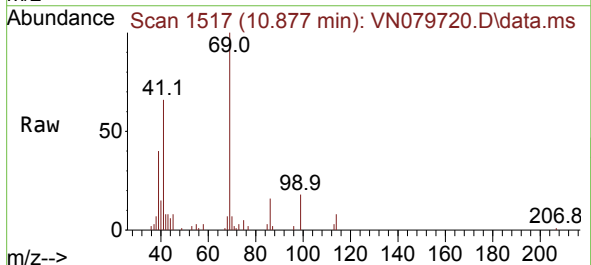


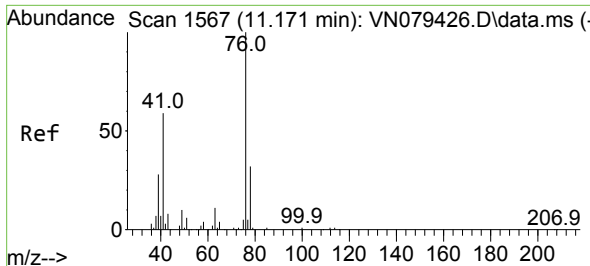
Tgt Ion: 97	Resp: 19309
Ion Ratio	Lower Upper
97 100	
83 103.3	65.1 97.7#
85 62.6	43.4 65.2
99 61.9	49.2 73.8



#56
Ethyl methacrylate
Concen: 4.434 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 69	Resp: 23643
Ion Ratio	Lower Upper
69 100	
41 69.0	39.6 59.4#
39 34.6	28.6 43.0





#57

1,3-Dichloropropane

Concen: 4.935 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

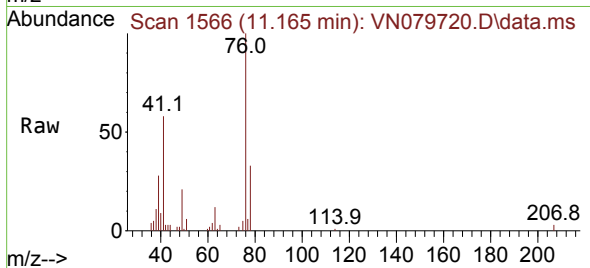
Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

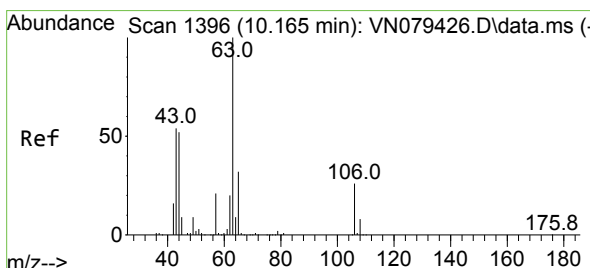
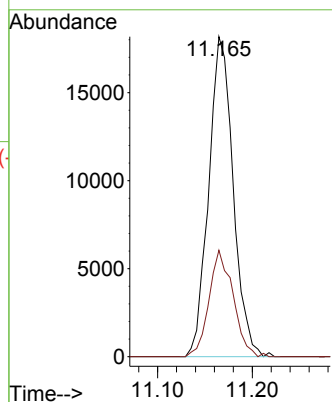
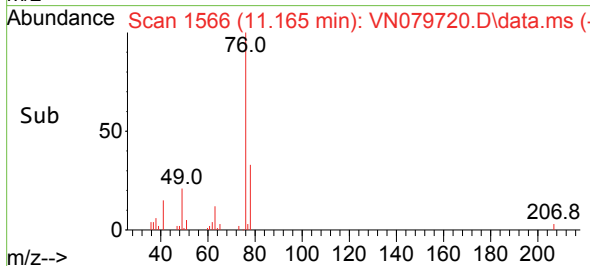


Tgt Ion: 76 Resp: 32612

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 19.722 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079720.D

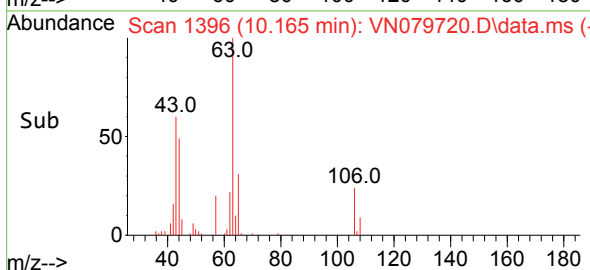
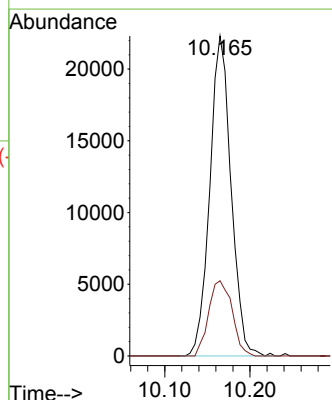
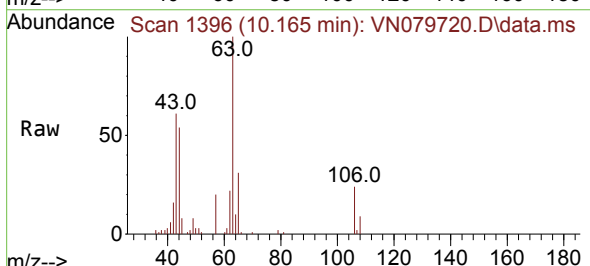
Acq: 30 Oct 2023 11:46

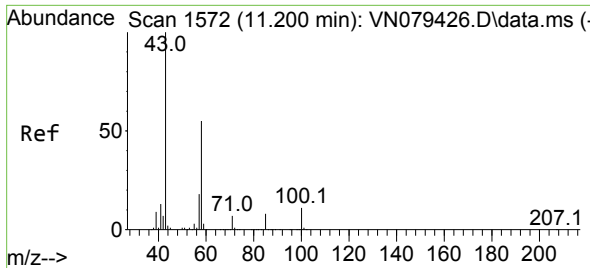
Tgt Ion: 63 Resp: 38747

Ion Ratio Lower Upper

63 100

106 25.9 26.2 39.4#

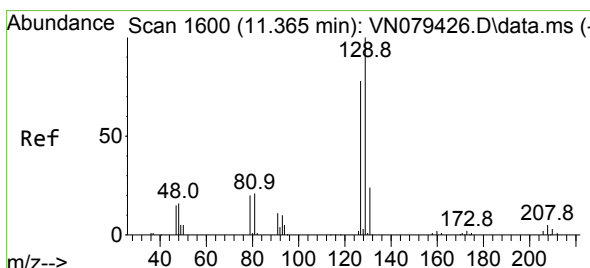
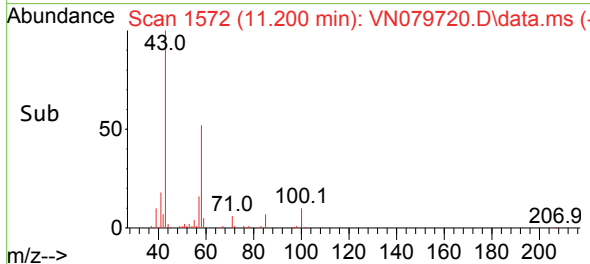
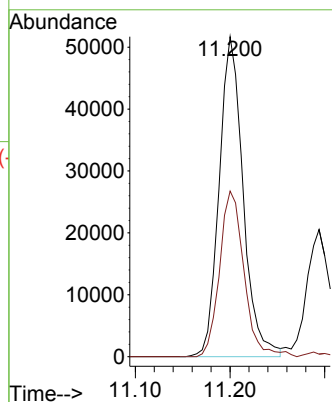
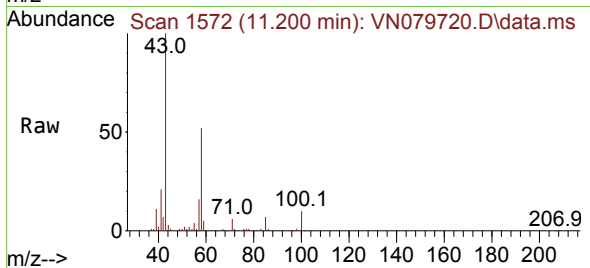




#59
2-Hexanone
Concen: 23.660 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

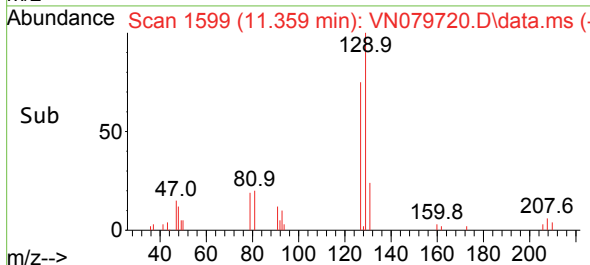
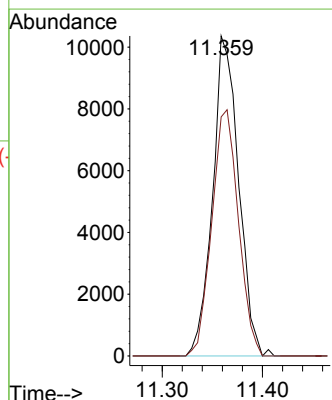
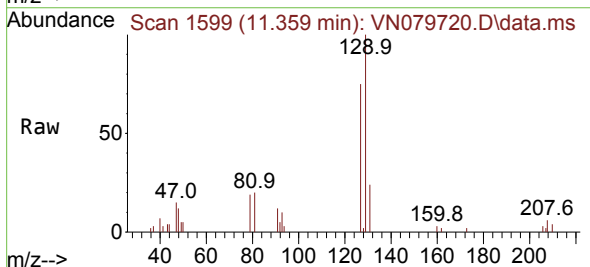
Instrument :
MSVOA_N
ClientSampleId :

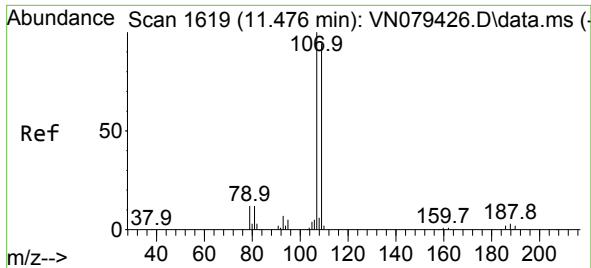
Tgt Ion: 43 Resp: 90892
Ion Ratio Lower Upper
43 100
58 52.7 31.7 95.1



#60
Dibromochloromethane
Concen: 4.761 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 129 Resp: 18603
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

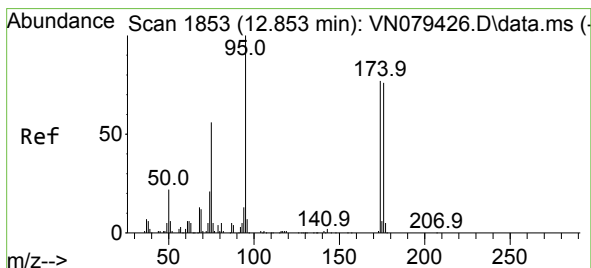
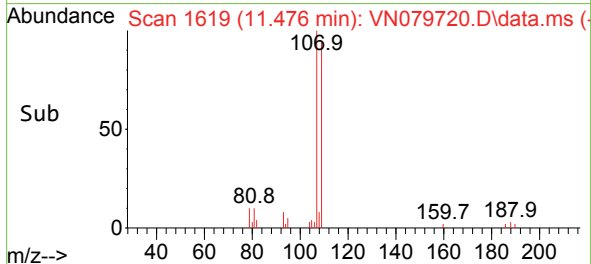
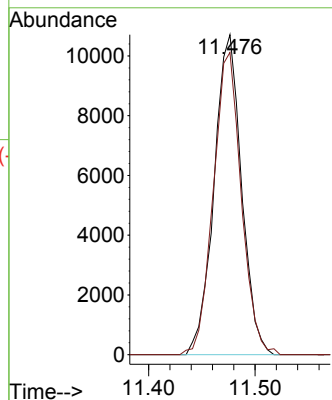
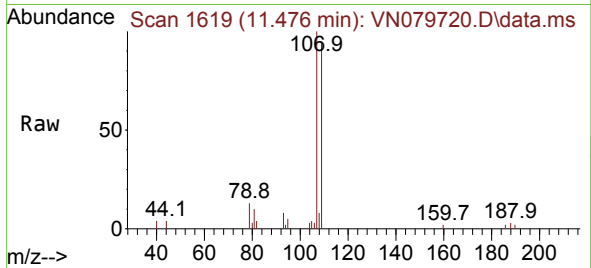




#61
1,2-Dibromoethane
Concen: 5.097 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

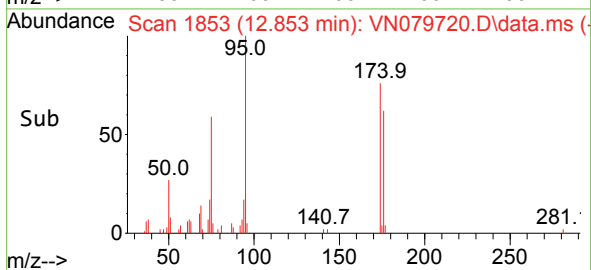
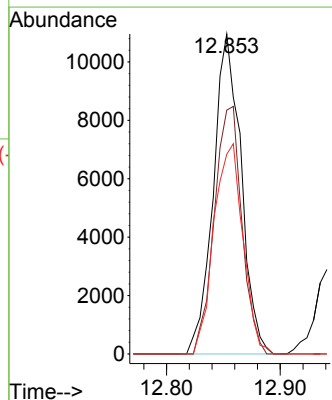
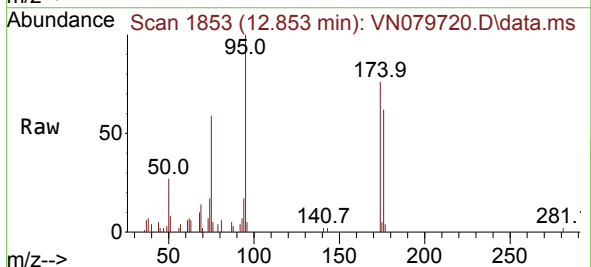
Instrument :
MSVOA_N
ClientSampleId :

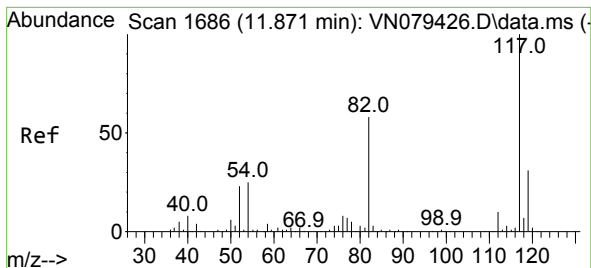
Tgt Ion:107 Resp: 19175
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 4.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 95 Resp: 18583
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 69.0 0.0 135.8

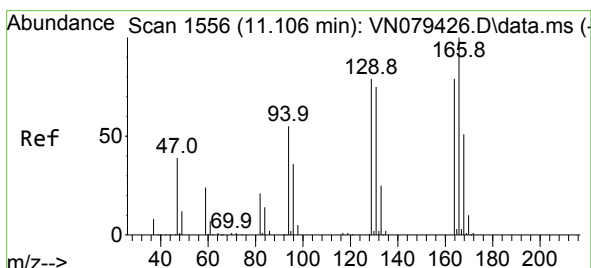
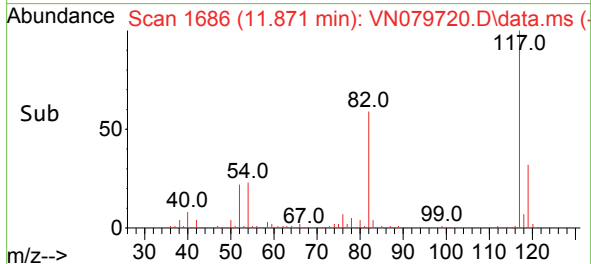
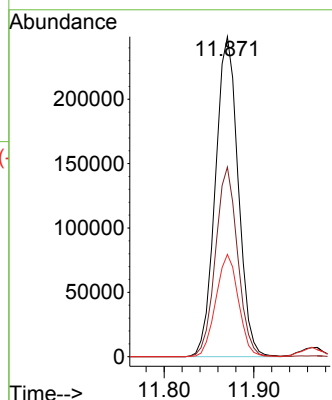
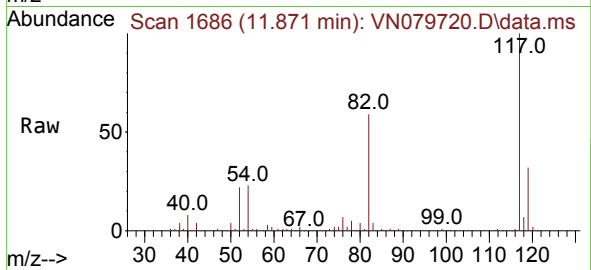




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

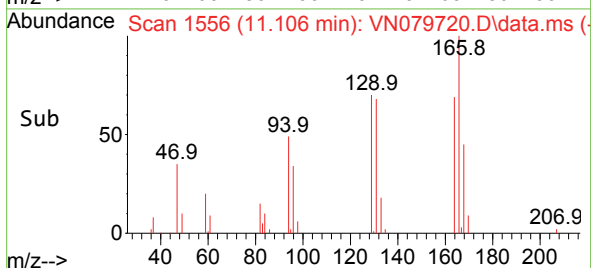
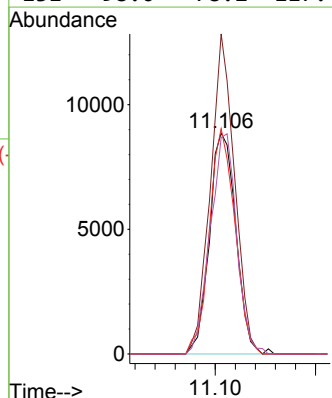
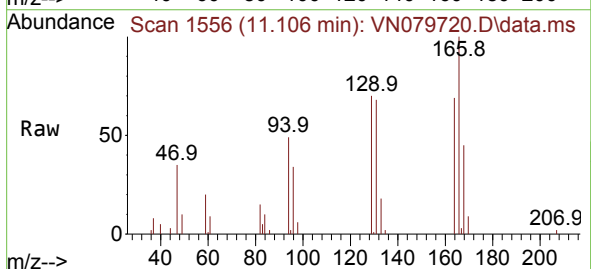
Instrument :
MSVOA_N
ClientSampleId :

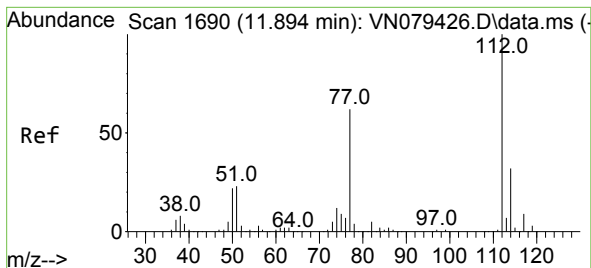
Tgt Ion:117 Resp: 438892
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 5.198 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:164 Resp: 16185
Ion Ratio Lower Upper
164 100
166 144.9 101.4 152.0
129 102.0 82.4 123.6
131 98.0 78.2 117.4





#65

Chlorobenzene

Concen: 5.312 ug/l

RT: 11.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

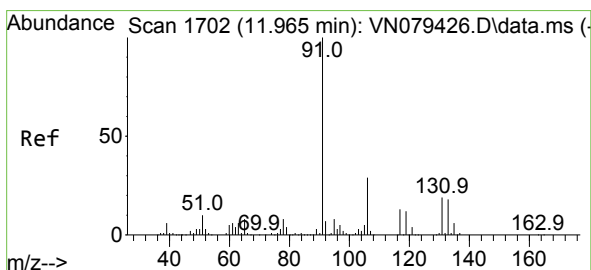
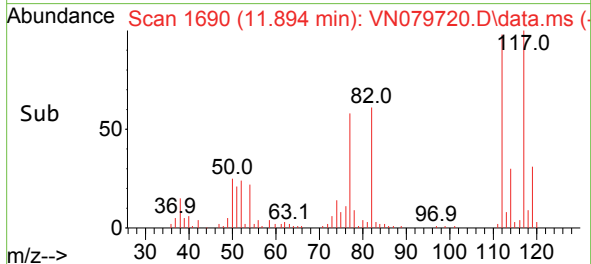
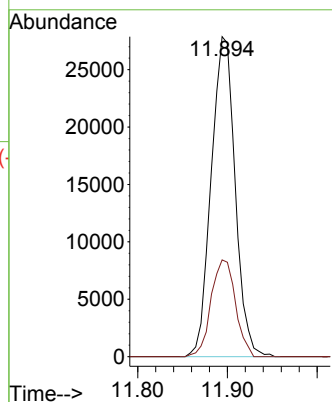
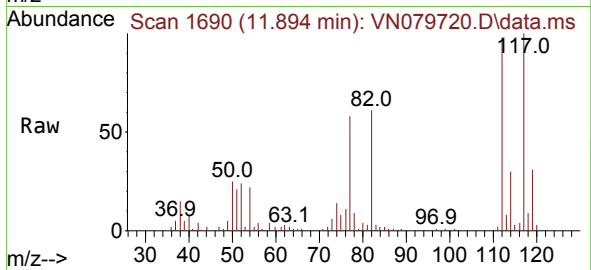
ClientSampleId :

Tgt Ion:112 Resp: 51603

Ion Ratio Lower Upper

112 100

114 30.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 4.932 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

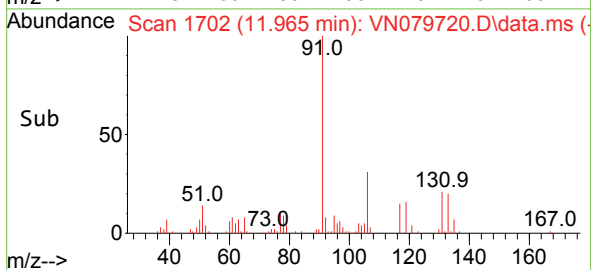
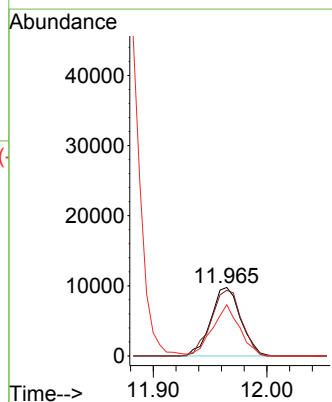
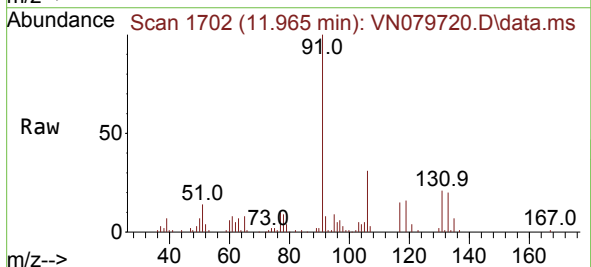
Tgt Ion:131 Resp: 17804

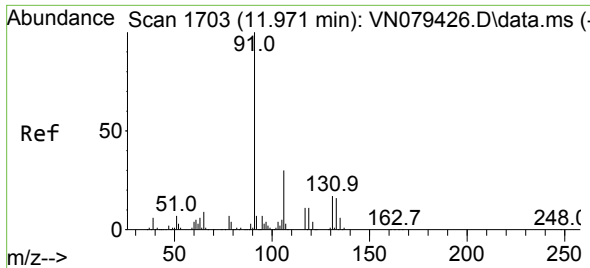
Ion Ratio Lower Upper

131 100

133 98.0 46.4 139.1

119 67.9 34.1 102.2

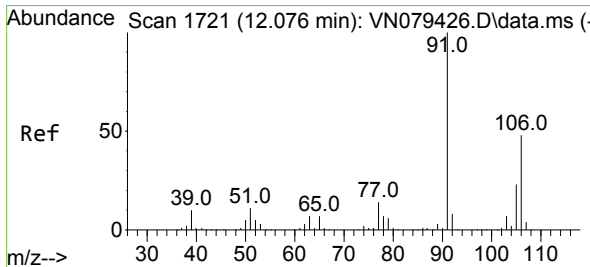
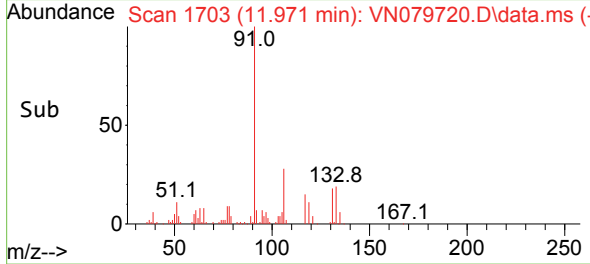
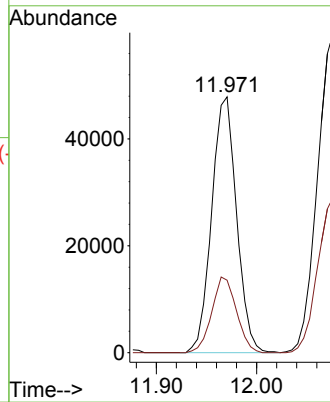
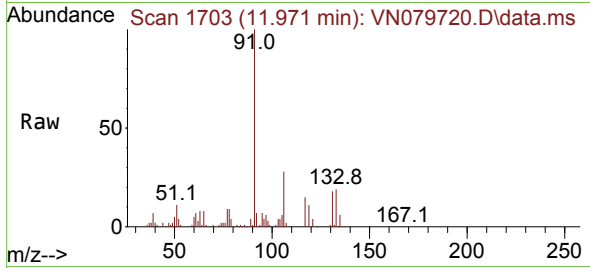




#67
Ethyl Benzene
Concen: 4.826 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

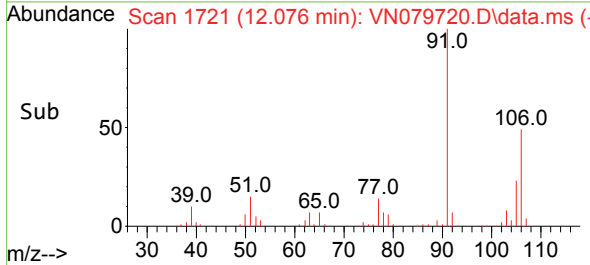
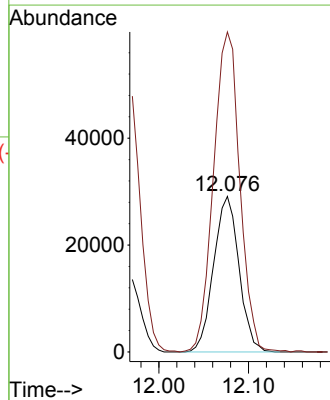
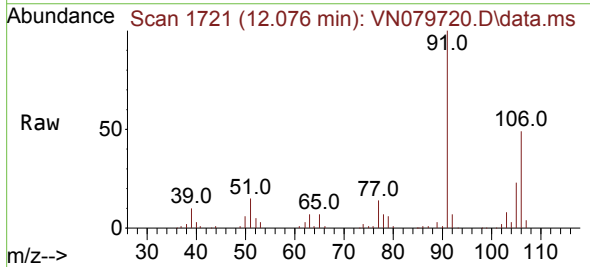
Instrument :
MSVOA_N
ClientSampleId :

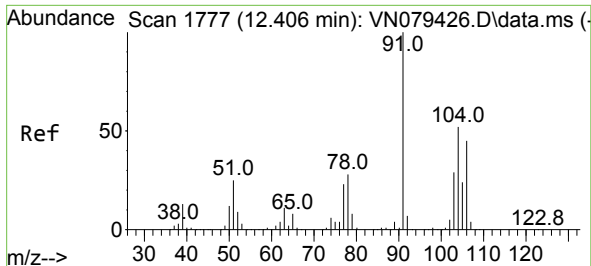
Tgt Ion: 91 Resp: 82598
Ion Ratio Lower Upper
91 100
106 28.4 25.6 38.4



#68
m/p-Xylenes
Concen: 9.019 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:106 Resp: 57090
Ion Ratio Lower Upper
106 100
91 213.7 159.6 239.4

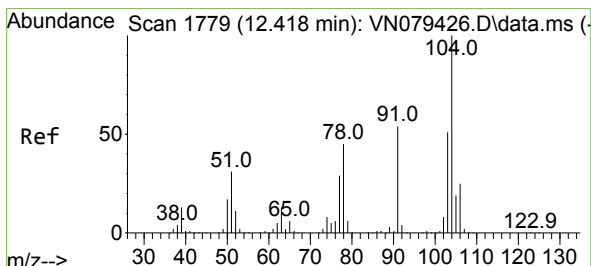
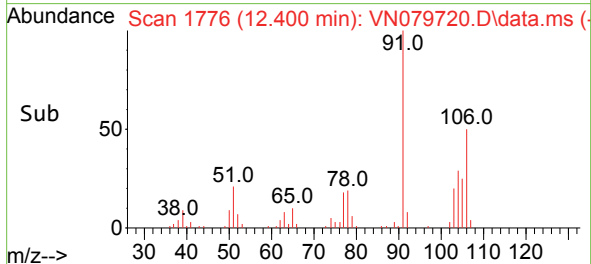
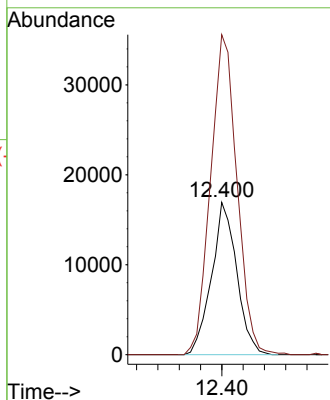
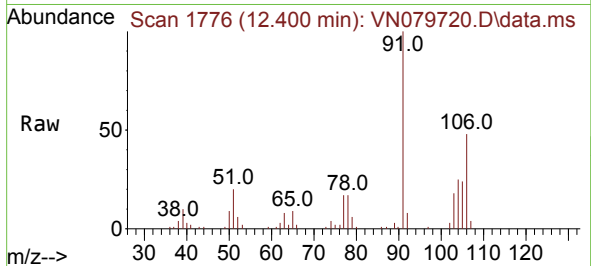




#69
o-Xylene
Concen: 4.568 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

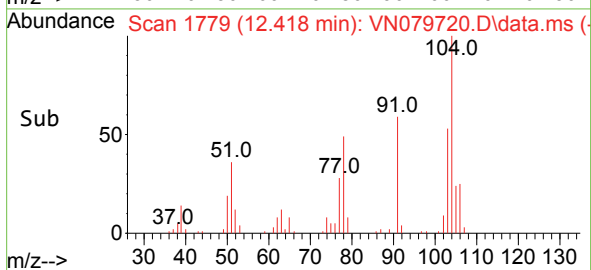
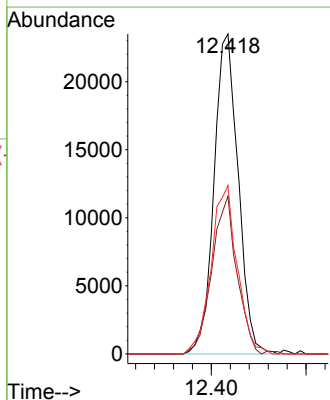
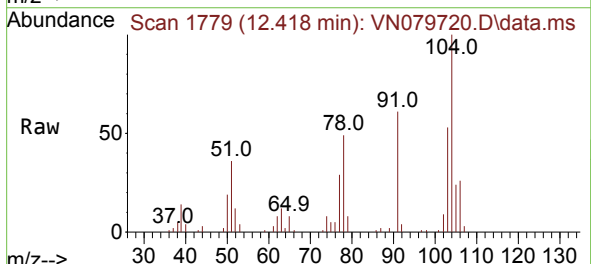
Instrument :
MSVOA_N
ClientSampleId :

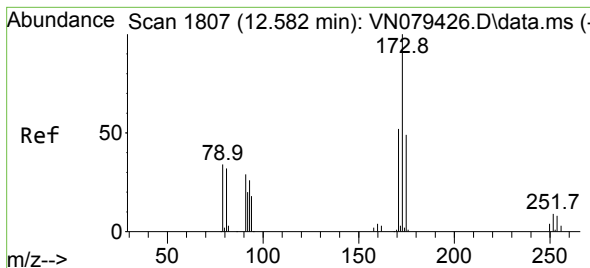
Tgt Ion:106 Resp: 27804
Ion Ratio Lower Upper
106 100
91 220.5 105.2 315.5



#70
Styrene
Concen: 4.278 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion:104 Resp: 41710
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 56.8 43.2 64.8





#71

Bromoform

Concen: 4.920 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

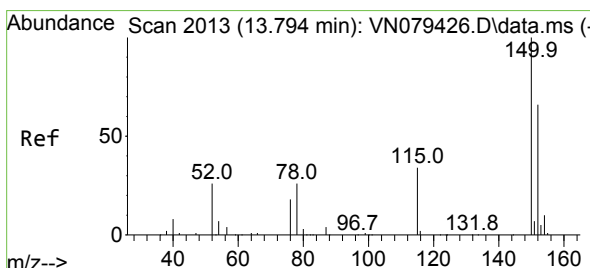
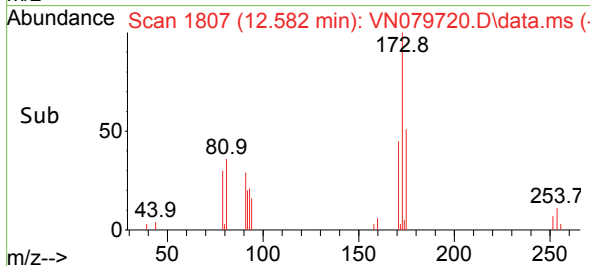
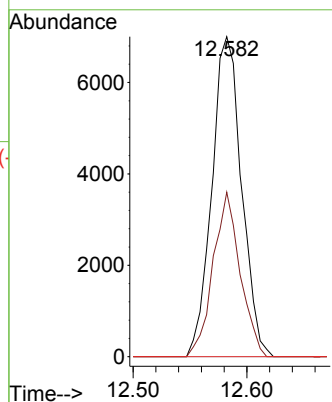
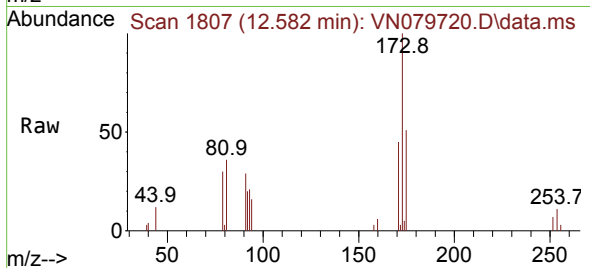
Tgt Ion:173 Resp: 12720

Ion Ratio Lower Upper

173 100

175 46.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

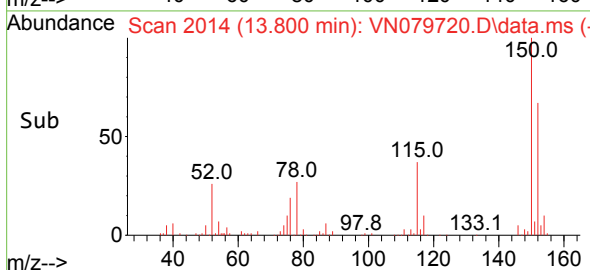
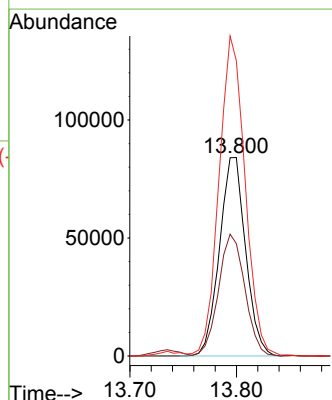
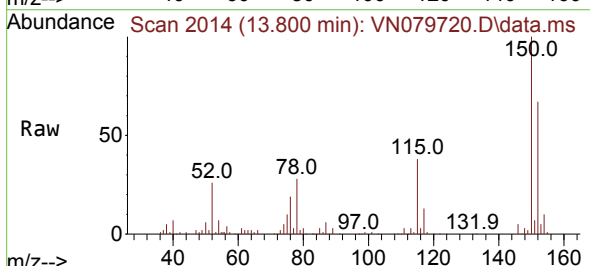
Tgt Ion:152 Resp: 143539

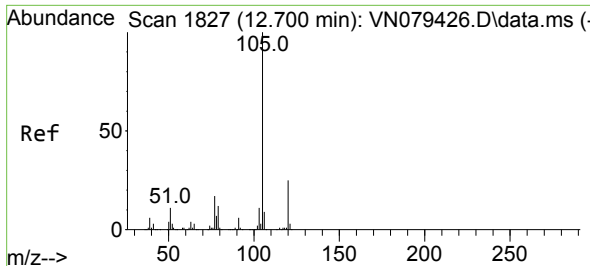
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

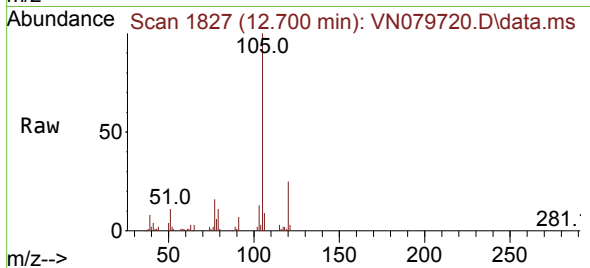
150 160.5 0.0 355.8



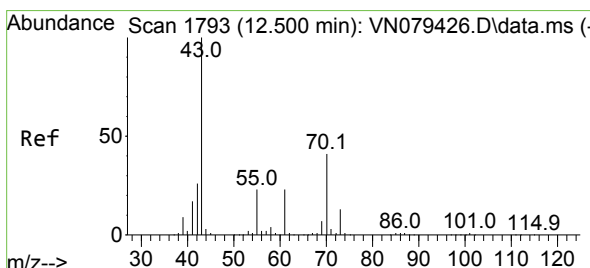
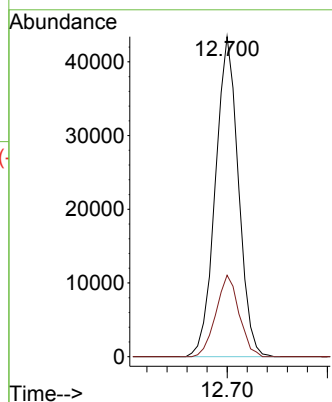
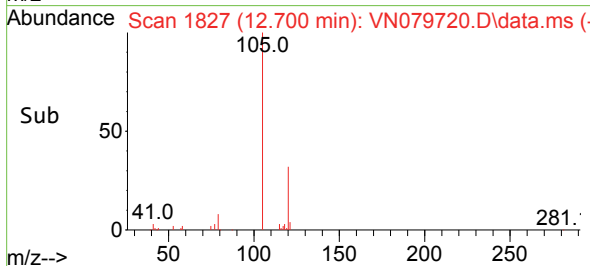


#73
Isopropylbenzene
Concen: 5.319 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

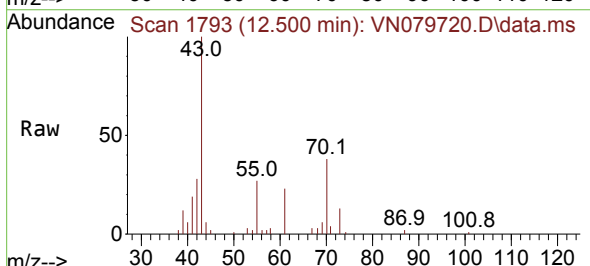
Instrument :
MSVOA_N
ClientSampleId :



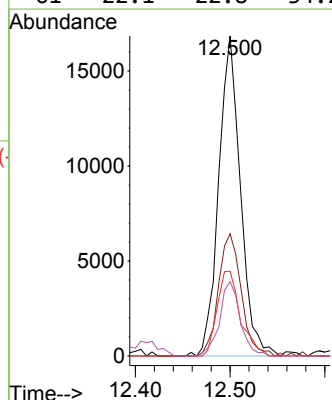
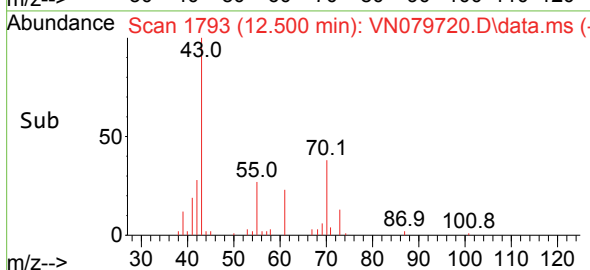
Tgt Ion:105 Resp: 69152
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

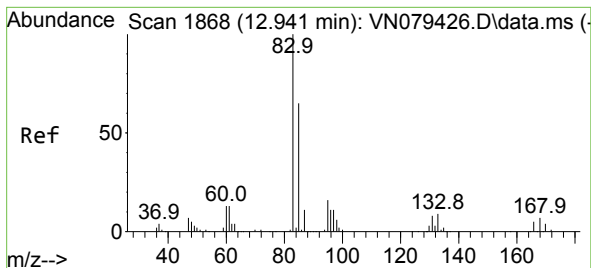


#74
N-ethyl acetate
Concen: 5.205 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46



Tgt Ion: 43 Resp: 26917
Ion Ratio Lower Upper
43 100
70 40.0 43.4 65.2#
55 28.3 21.4 32.0
61 22.1 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 6.237 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

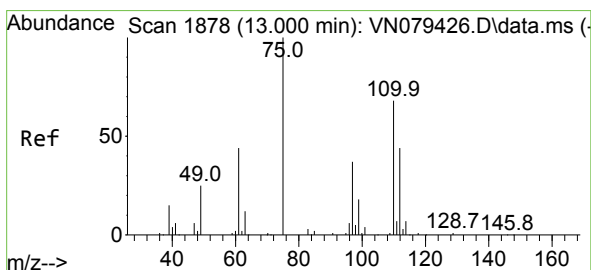
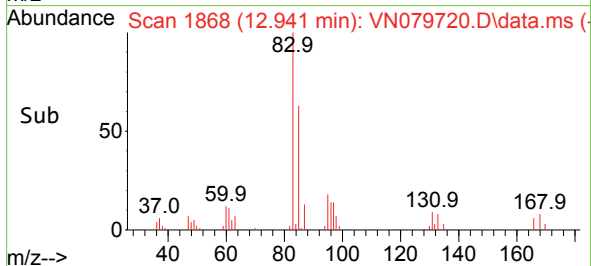
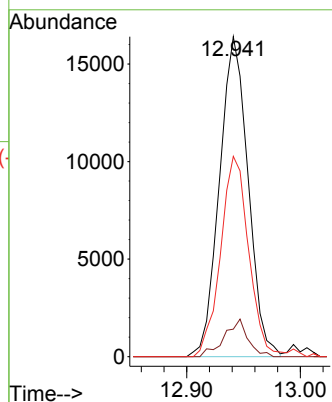
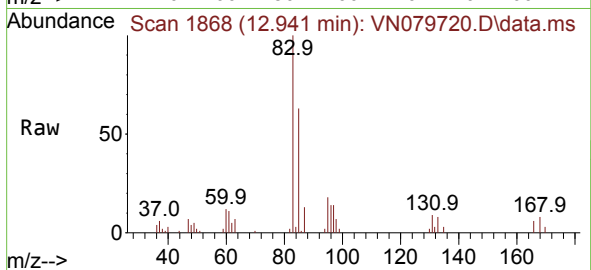
Tgt Ion: 83 Resp: 28709

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 61.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 8.398 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079720.D

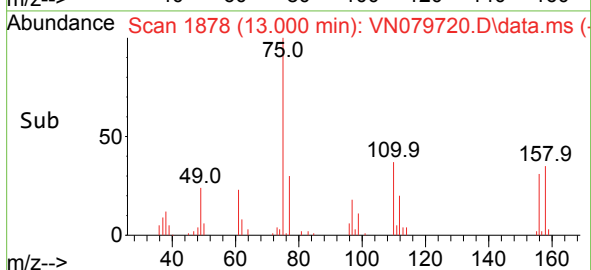
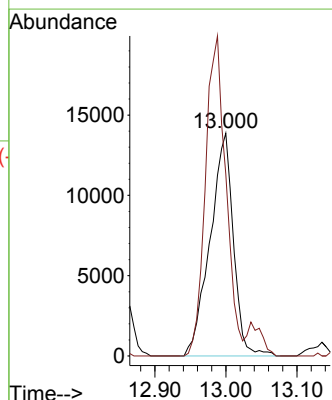
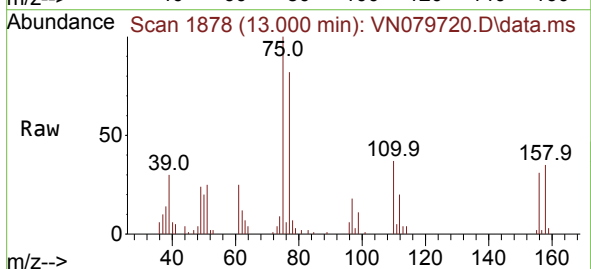
Acq: 30 Oct 2023 11:46

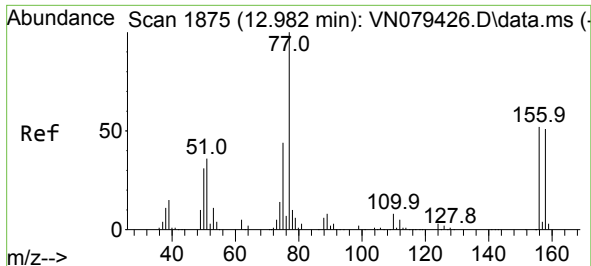
Tgt Ion: 75 Resp: 31678

Ion Ratio Lower Upper

75 100

77 125.7 84.5 253.5

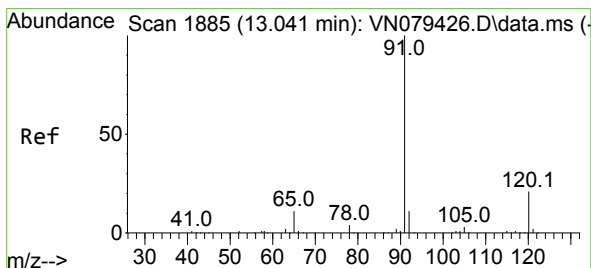
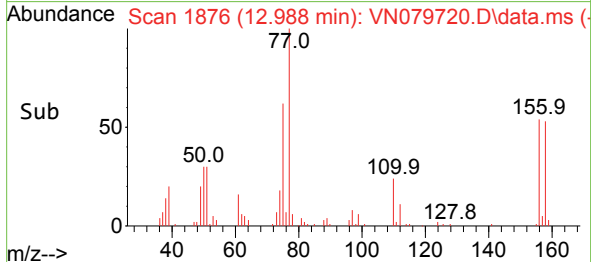
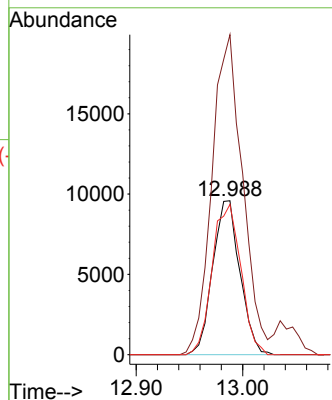
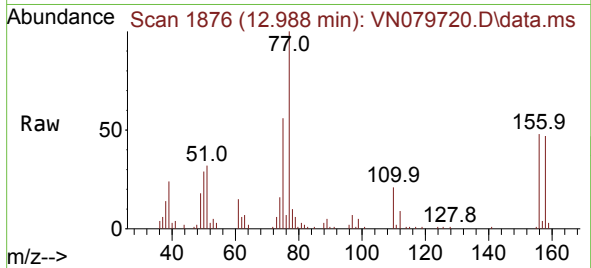




#77
Bromobenzene
Concen: 5.576 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

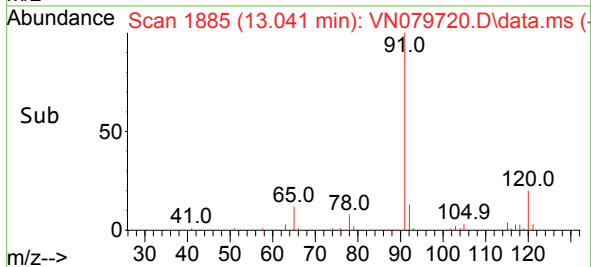
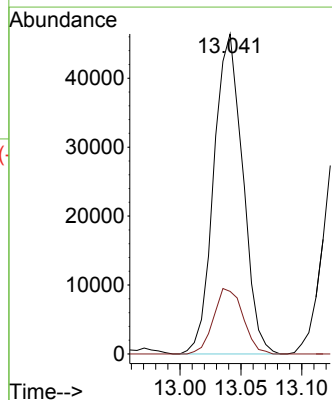
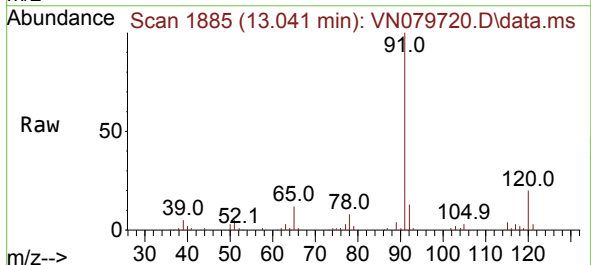
Instrument :
MSVOA_N
ClientSampleId :

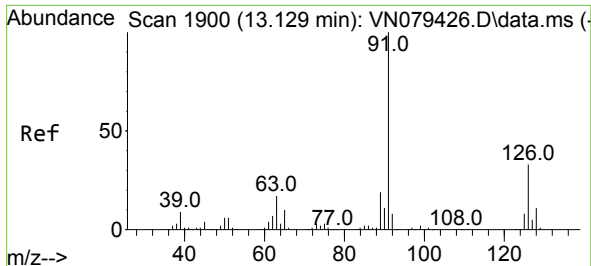
Tgt Ion:156 Resp: 17050
Ion Ratio Lower Upper
156 100
77 233.5 107.7 323.3
158 102.9 48.4 145.3



#78
n-propylbenzene
Concen: 5.125 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 91 Resp: 76750
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.4

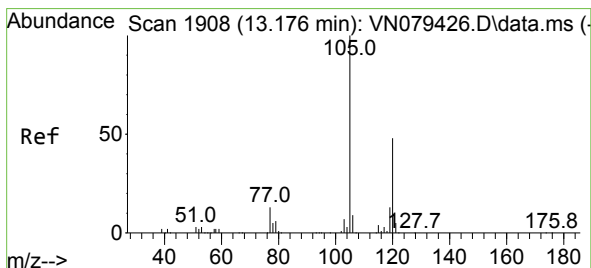
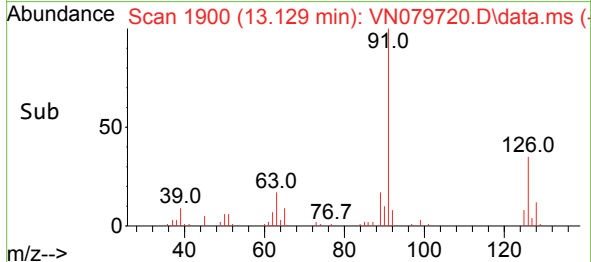
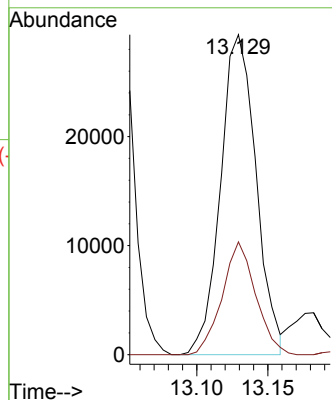
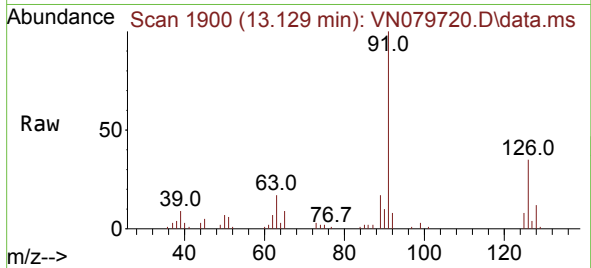




#79
2-Chlorotoluene
Concen: 5.466 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

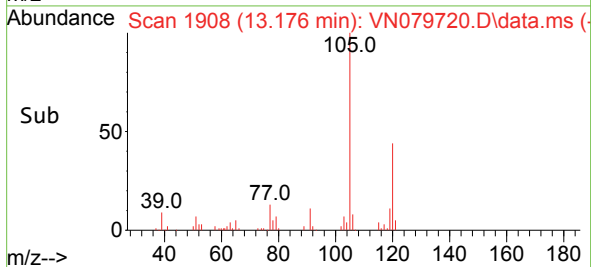
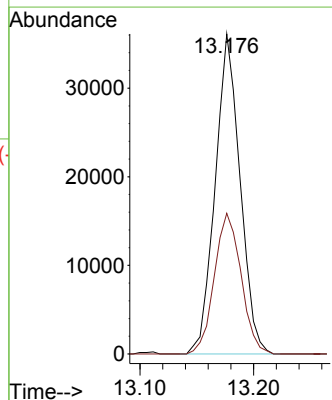
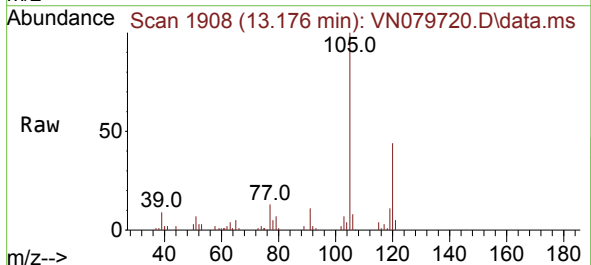
Instrument :
MSVOA_N
ClientSampleId :

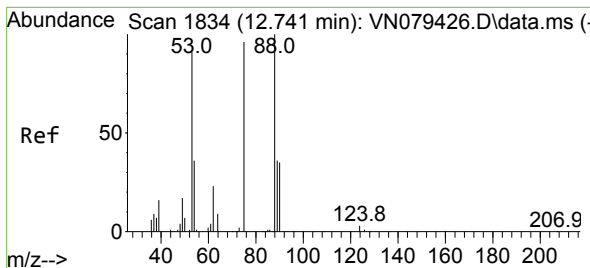
Tgt Ion: 91 Resp: 51027
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 5.189 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 105 Resp: 54988
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

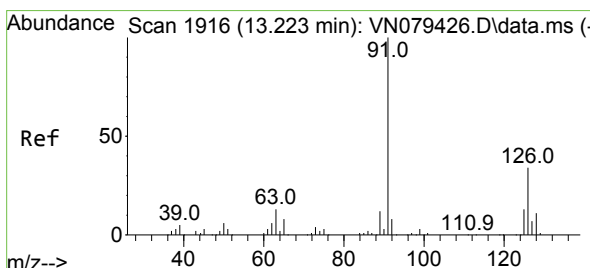
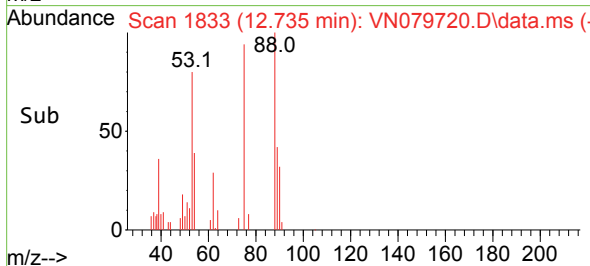
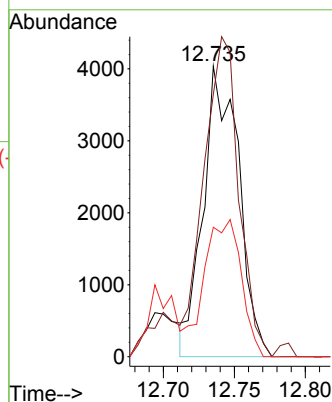
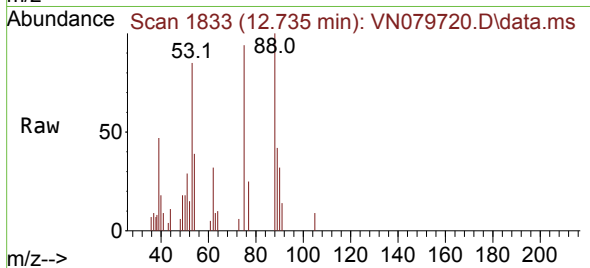




#81
trans-1,4-Dichloro-2-butene
Concen: 5.406 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

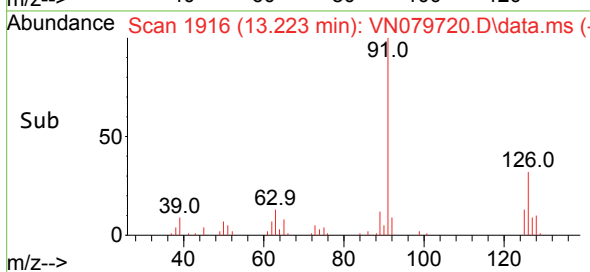
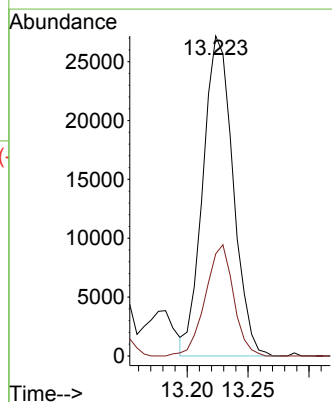
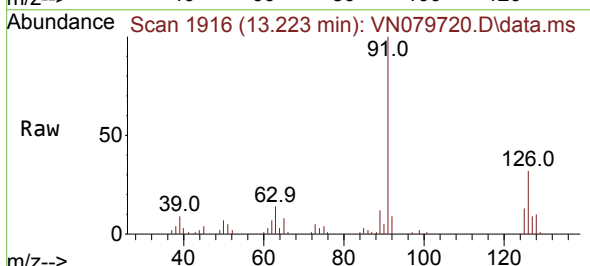
Instrument :
MSVOA_N
ClientSampleId :

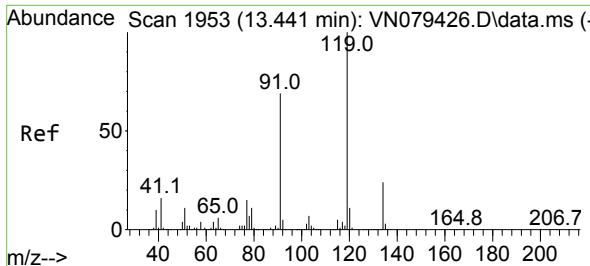
Tgt Ion: 75 Resp: 6985
Ion Ratio Lower Upper
75 100
53 109.0 67.4 101.2#
89 47.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 5.223 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

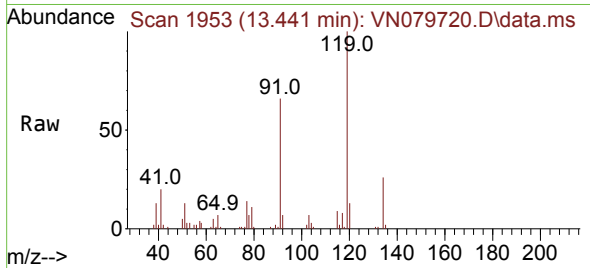
Tgt Ion: 91 Resp: 46840
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0



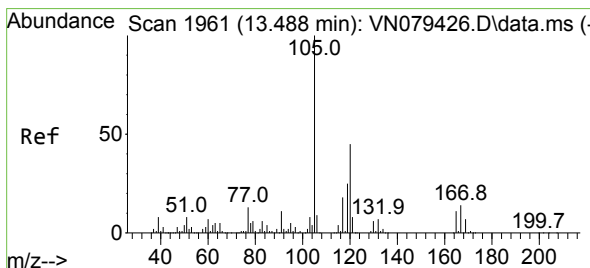
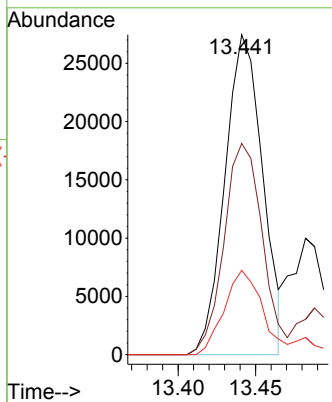
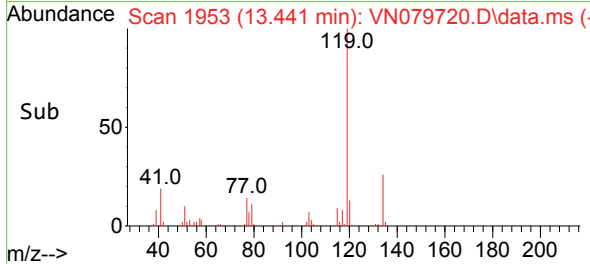


#83
 tert-Butylbenzene
 Concen: 5.356 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

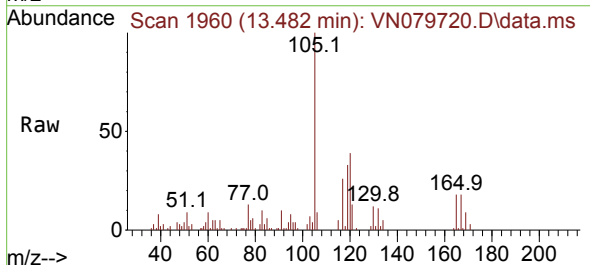
Instrument :
 MSVOA_N
 ClientSampleId :



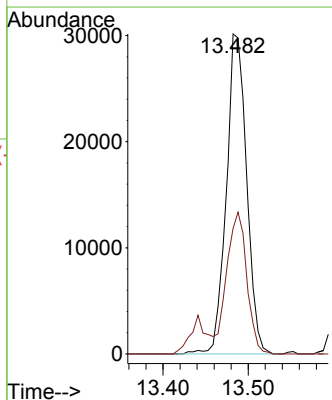
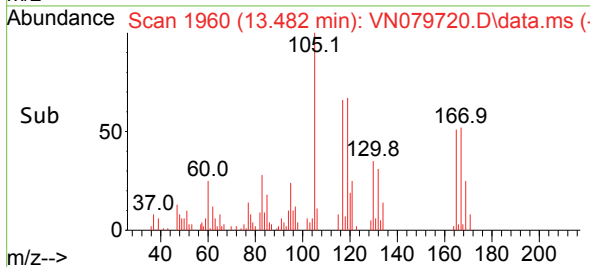
Tgt Ion:119 Resp: 46524
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.9 101.7
 134 26.5 13.2 39.6

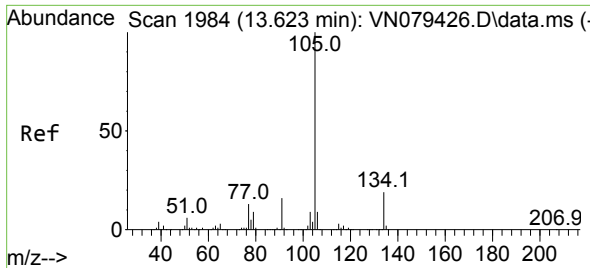


#84
 1,2,4-Trimethylbenzene
 Concen: 4.896 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46



Tgt Ion:105 Resp: 50061
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0

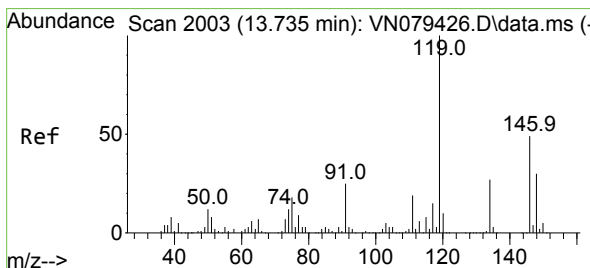
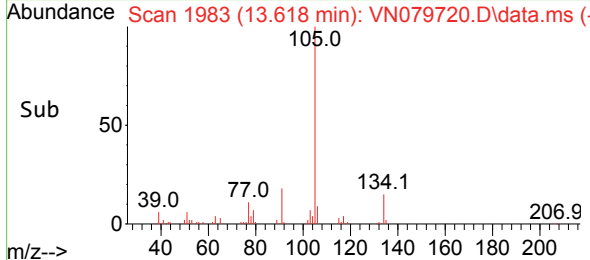
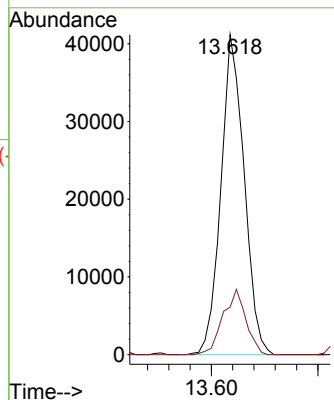
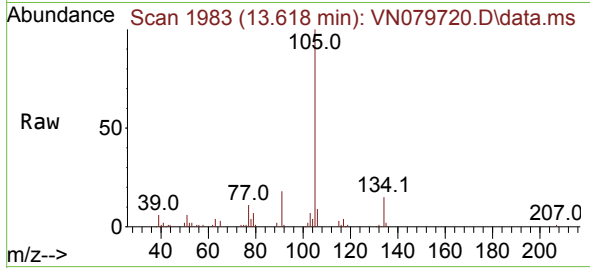




#85
 sec-Butylbenzene
 Concen: 5.141 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

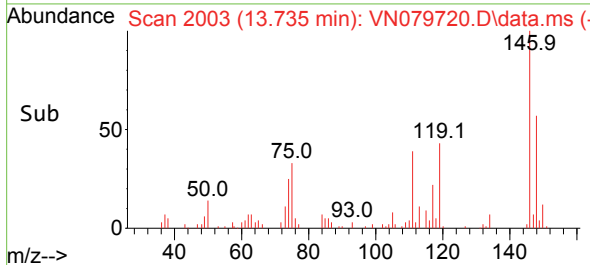
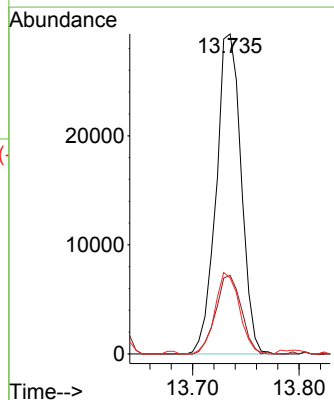
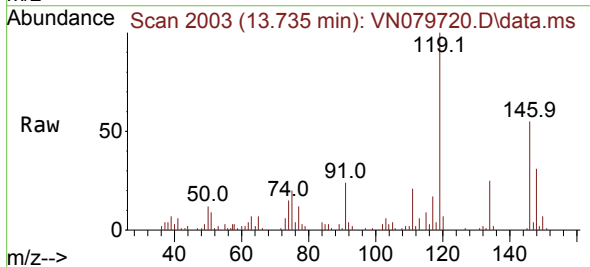
Instrument :
 MSVOA_N
 ClientSampleId :

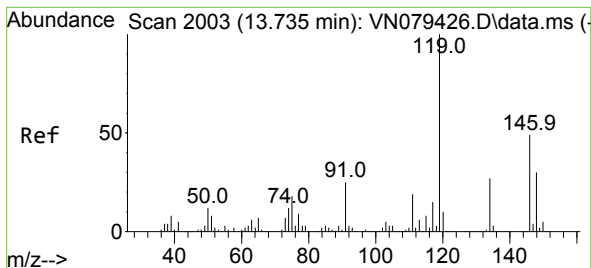
Tgt Ion:105 Resp: 62281
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 4.938 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079720.D
 Acq: 30 Oct 2023 11:46

Tgt Ion:119 Resp: 47648
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.310 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

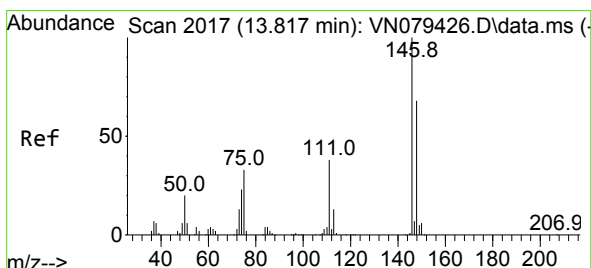
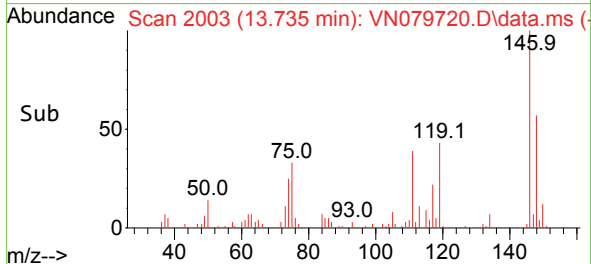
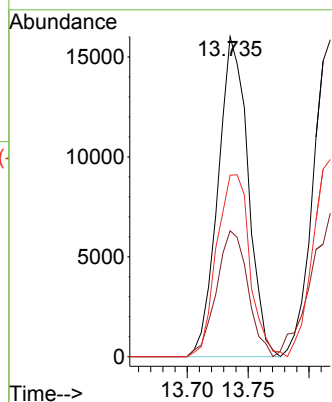
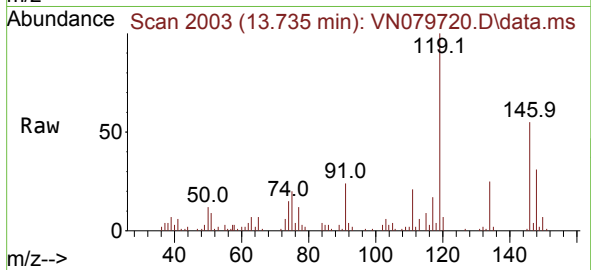
Tgt Ion:146 Resp: 27467

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.3

148 62.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 5.471 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

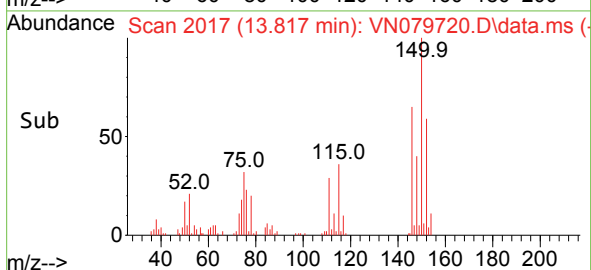
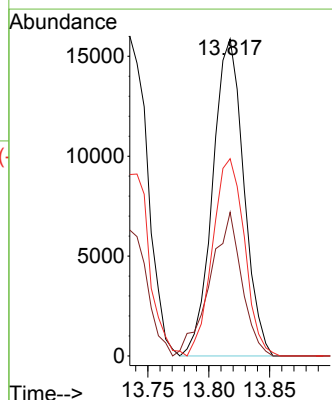
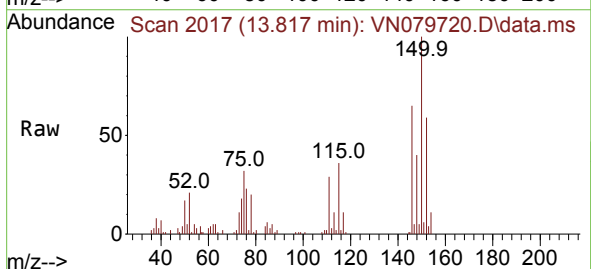
Tgt Ion:146 Resp: 28190

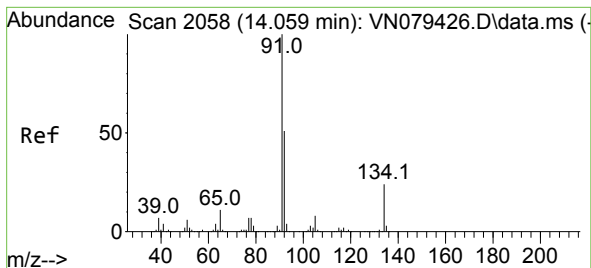
Ion Ratio Lower Upper

146 100

111 46.2 20.6 61.8

148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 4.850 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

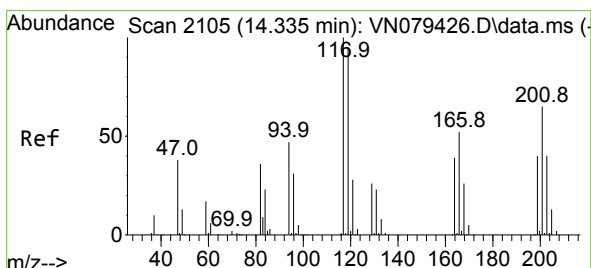
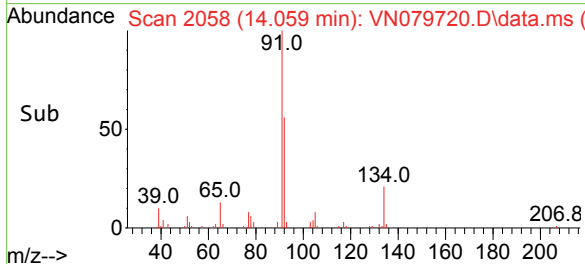
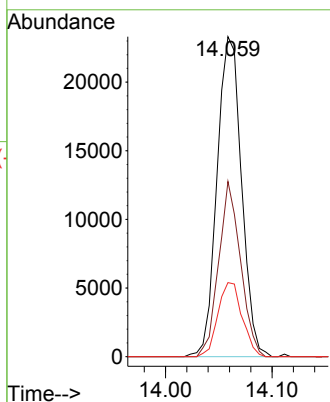
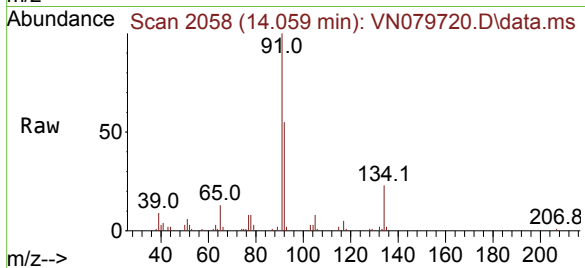
Tgt Ion: 91 Resp: 37181

Ion Ratio Lower Upper

91 100

92 48.9 26.4 79.0

134 23.0 12.6 37.6



#90

Hexachloroethane

Concen: 5.700 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079720.D

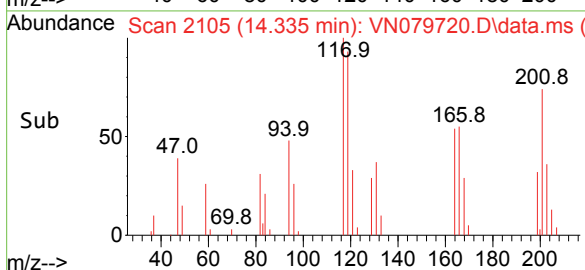
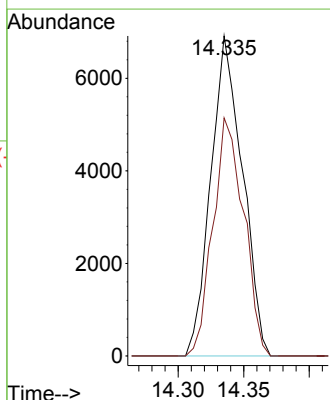
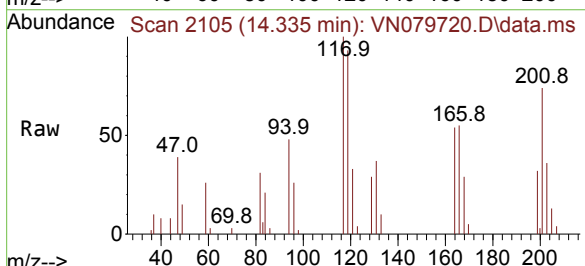
Acq: 30 Oct 2023 11:46

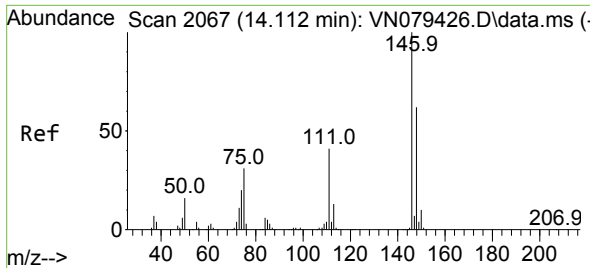
Tgt Ion: 117 Resp: 11622

Ion Ratio Lower Upper

117 100

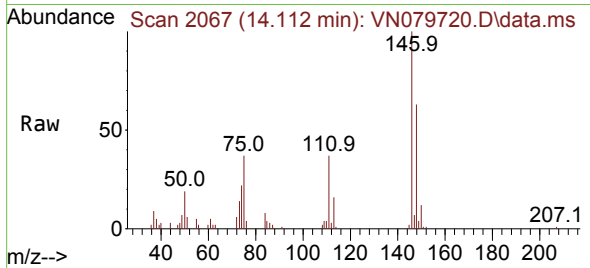
201 72.1 29.3 88.0



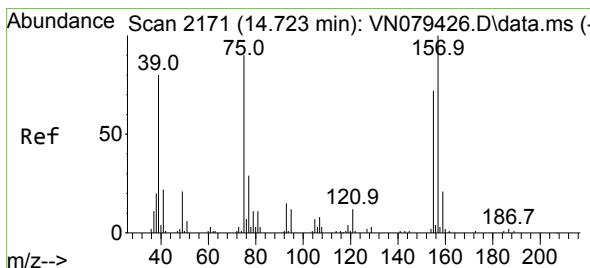
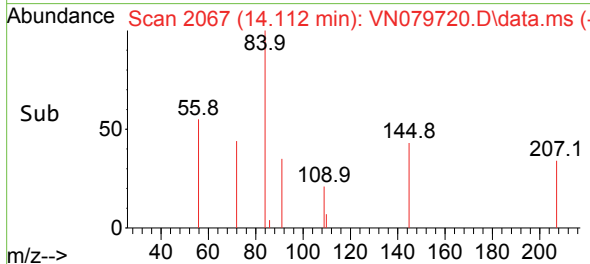
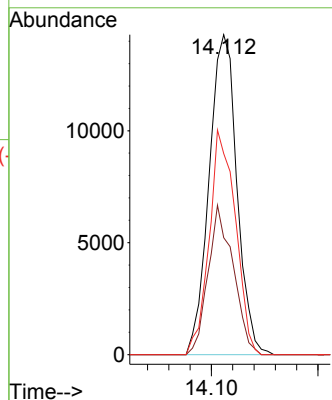


#91
1,2-Dichlorobenzene
Concen: 5.148 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :

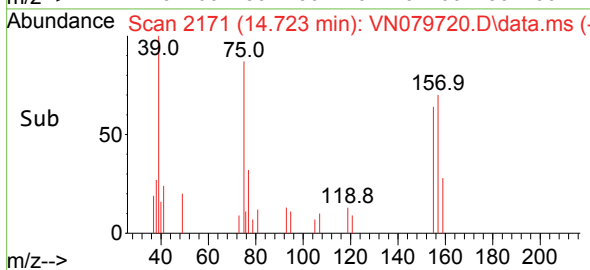
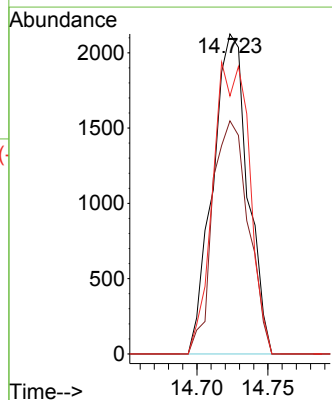
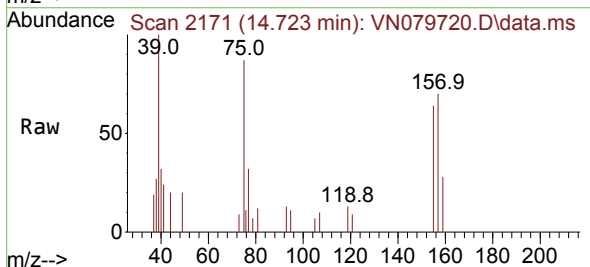


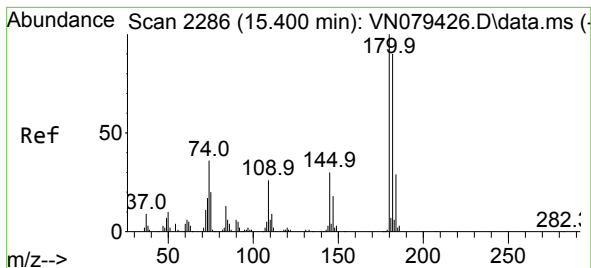
Tgt Ion:146 Resp: 25898
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 66.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.142 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion: 75 Resp: 3650
Ion Ratio Lower Upper
75 100
155 74.3 39.1 117.2
157 95.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 3.614 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

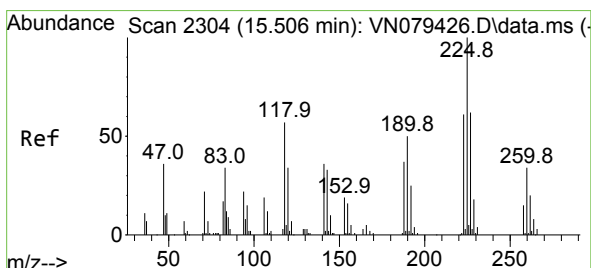
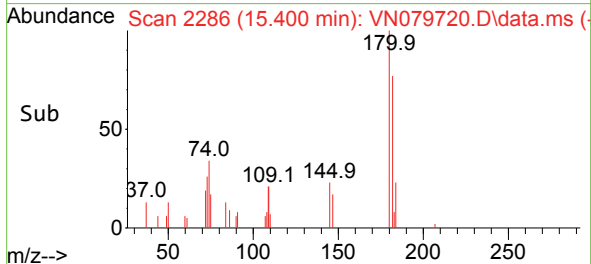
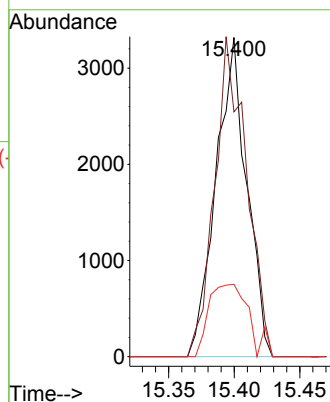
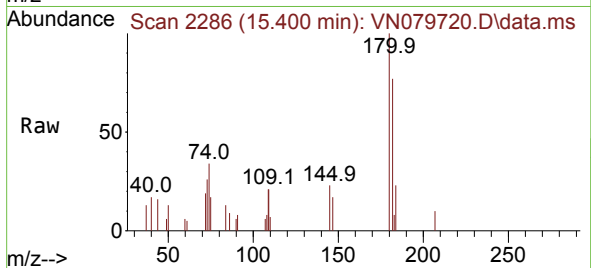
Tgt Ion:180 Resp: 5419

Ion Ratio Lower Upper

180 100

182 103.3 46.1 138.2

145 29.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 5.997 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079720.D

Acq: 30 Oct 2023 11:46

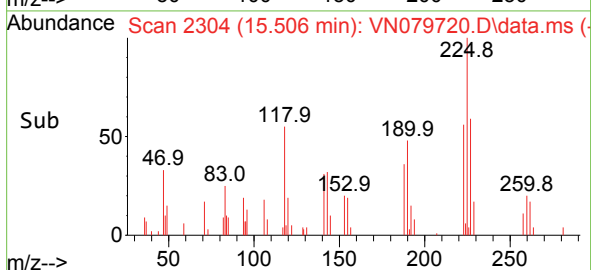
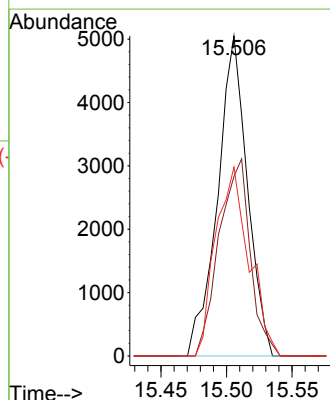
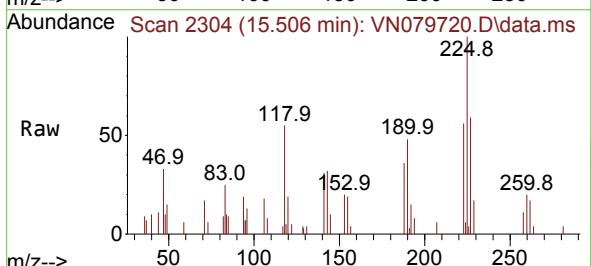
Tgt Ion:225 Resp: 7980

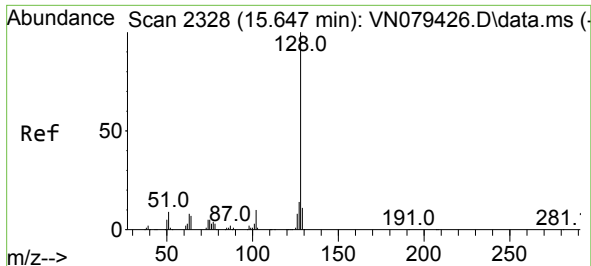
Ion Ratio Lower Upper

225 100

223 64.1 31.3 93.8

227 66.4 31.9 95.9

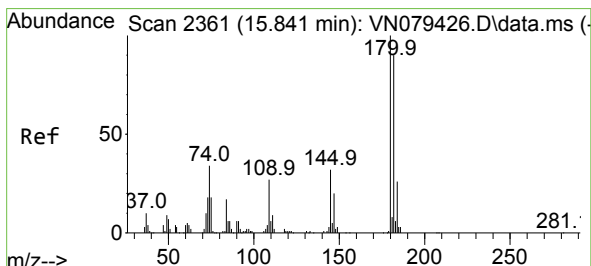
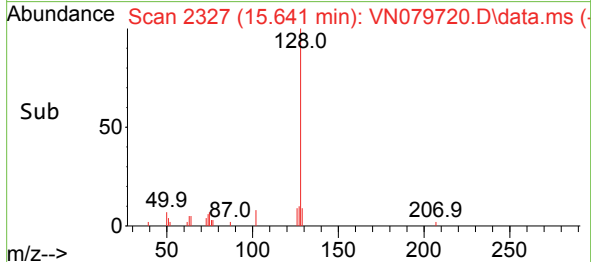
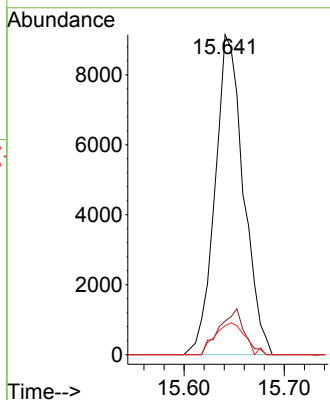
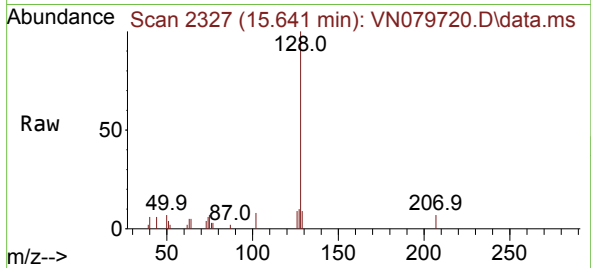




#95
Naphthalene
Concen: 4.141 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.137 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079720.D
Acq: 30 Oct 2023 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.2	138.6
145	33.5	17.5	52.6

