

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079741.D
 Acq On : 31 Oct 2023 13:58
 Operator : JC\MD
 Sample : 05005-04ME
 Misc : 3.96g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:19:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	231521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	433975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235708	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	187828	50.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.040%	
35) Dibromofluoromethane	8.165	113	170164	54.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.740%	
50) Toluene-d8	10.571	98	520244	45.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.000%	
62) 4-Bromofluorobenzene	12.853	95	248402	68.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 136.480%#	

Target Compounds				Qvalue		
3) Chloromethane	2.354	50	1107	0.299	ug/l #	42
5) Bromomethane	2.895	94	2193	0.838	ug/l #	60
10) Methyl Iodide	4.589	142	643	0.235	ug/l #	38
11) Tert butyl alcohol	5.489	59	14024	28.438	ug/l #	72
15) Acrylonitrile	5.724	53	402	0.265	ug/l #	26
16) Acetone	4.442	43	1365	0.858	ug/l #	72
17) Carbon Disulfide	4.695	76	5342	0.688	ug/l #	75
18) Methyl Acetate	5.024	43	10758	1.676	ug/l #	56
20) Methylene Chloride	5.259	84	2569	0.816	ug/l #	73
25) 2-Butanone	7.506	43	1322	0.605	ug/l #	37
29) Tetrahydrofuran	7.871	42	463	0.347	ug/l #	31
31) Cyclohexane	8.218	56	6891	1.359	ug/l #	51
36) 1,1-Dichloropropene	8.218	75	21341	4.639	ug/l #	48
38) Carbon Tetrachloride	8.230	117	24795	5.405	ug/l #	19
39) Methylcyclohexane	9.606	83	1942	0.424	ug/l #	86
40) Benzene	8.600	78	7110	0.524	ug/l	97
43) Isopropyl Acetate	8.730	43	1750	0.240	ug/l #	49
48) Methyl methacrylate	9.671	41	1408	0.417	ug/l #	31
51) 4-Methyl-2-Pentanone	10.453	43	2007	0.442	ug/l #	76
52) Toluene	10.641	92	2843	0.343	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	1537	0.469	ug/l #	36
59) 2-Hexanone	11.171	43	9495	2.847	ug/l #	19
61) 1,2-Dibromoethane	11.465	107	843	0.258	ug/l #	1
67) Ethyl Benzene	11.965	91	28237	1.570	ug/l	94
68) m/p-Xylenes	12.082	106	2548	0.383	ug/l #	13
69) o-Xylene	12.406	106	2934	0.459	ug/l	35
73) Isopropylbenzene	12.700	105	652417	30.558	ug/l	99
74) N-amyl acetate	12.482	43	151331	17.821	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.929	83	9282	1.228	ug/l #	26
76) 1,2,3-Trichloropropane	13.041	75	32437	5.068	ug/l #	1
78) n-propylbenzene	13.041	91	4748944	193.096	ug/l	97
79) 2-Chlorotoluene	13.041	91	4748944	309.769	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	695290	39.952	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.700	75	8573	4.040	ug/l #	25
82) 4-Chlorotoluene	13.041	91	4747464	322.402	ug/l #	41
83) tert-Butylbenzene	13.488	119	197919	13.877	ug/l #	68

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Quant Time: Nov 01 01:19:13 2023
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 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

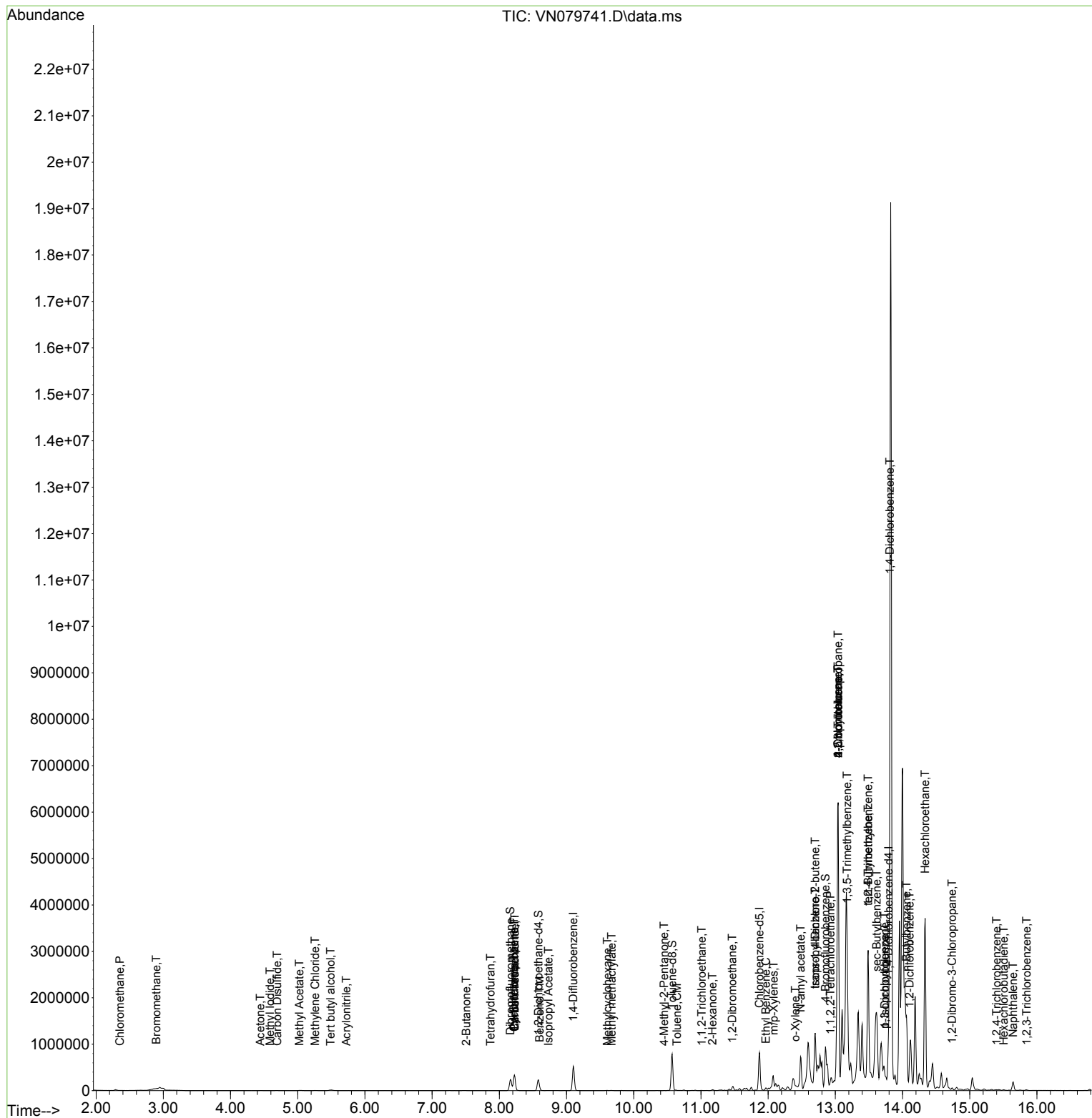
84) 1,2,4-Trimethylbenzene	13.488	105	1615630	96.229	ug/l	99
85) sec-Butylbenzene	13.618	105	767650	38.586	ug/l #	53
86) p-Isopropyltoluene	13.735	119	66910	4.223	ug/l #	50
87) 1,3-Dichlorobenzene	13.735	146	2679	0.315	ug/l #	1
88) 1,4-Dichlorobenzene	13.812	146	3140	0.371	ug/l #	1
89) n-Butylbenzene	14.059	91	865112	68.719	ug/l #	80
90) Hexachloroethane	14.335	117	184659	55.155	ug/l #	22
91) 1,2-Dichlorobenzene	14.106	146	2624	0.318	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.735	75	496	0.426	ug/l	69
93) 1,2,4-Trichlorobenzene	15.400	180	4000	1.624	ug/l #	73
94) Hexachlorobutadiene	15.506	225	2152	0.985	ug/l	96
95) Naphthalene	15.647	128	163098	22.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	4586	1.668	ug/l	91

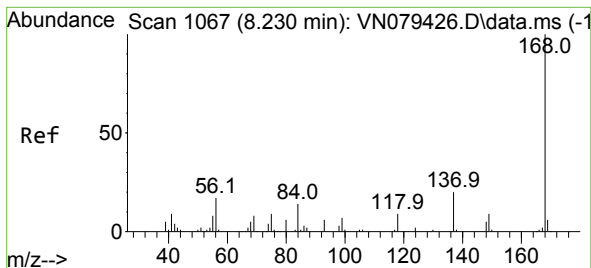
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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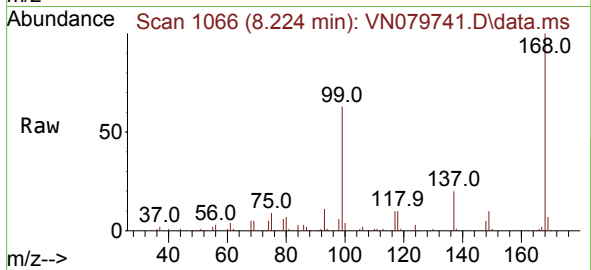
Quant Time: Nov 01 01:19:13 2023
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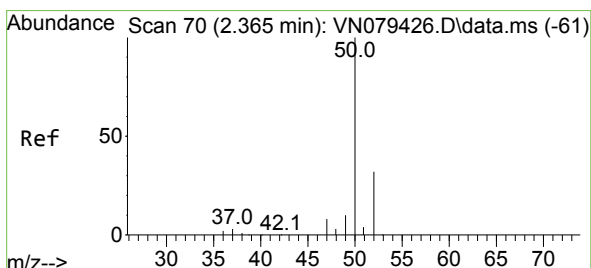
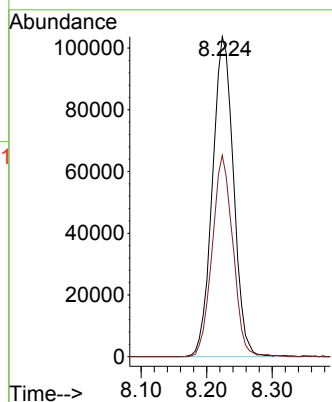
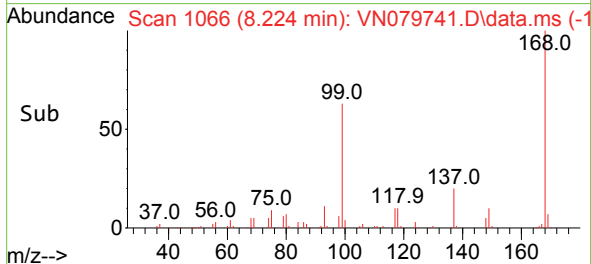


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :

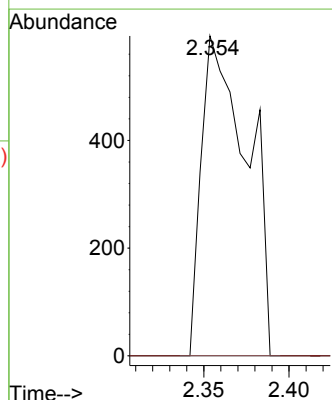
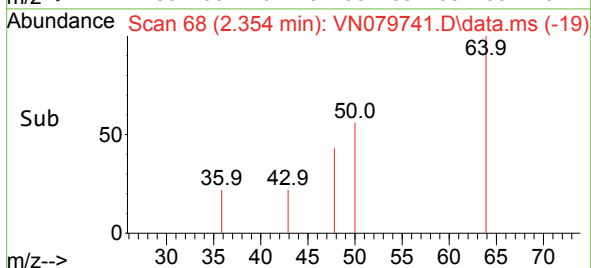
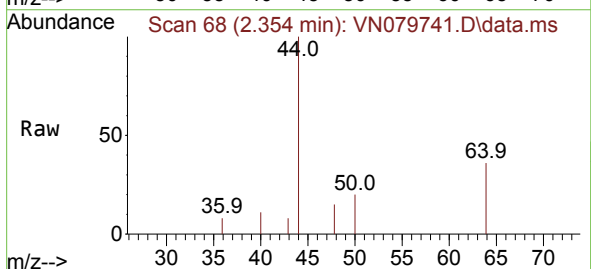


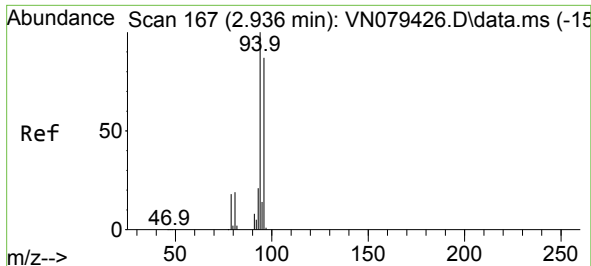
Tgt Ion:168 Resp: 231521
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.011 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 50 Resp: 1107
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

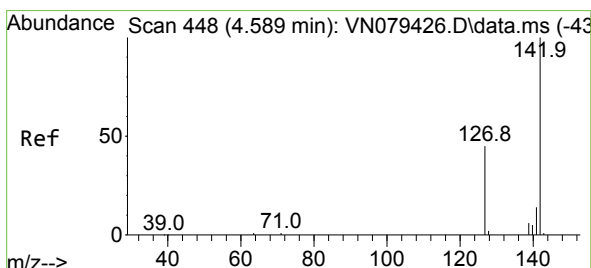
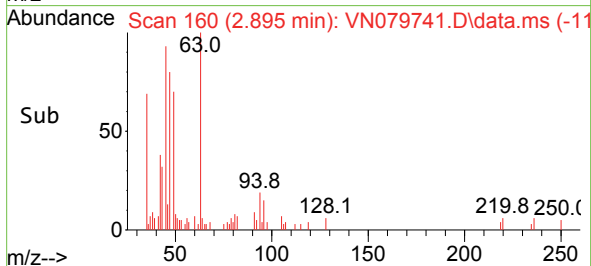
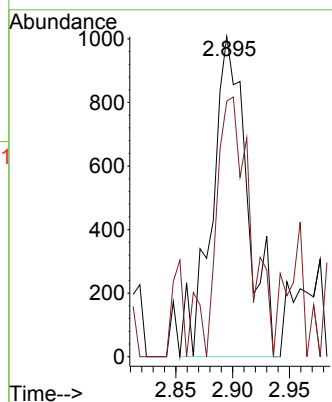
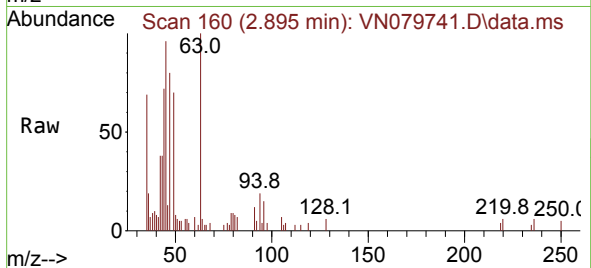




#5
Bromomethane
Concen: 0.838 ug/l
RT: 2.895 min Scan# 160
Delta R.T. -0.041 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

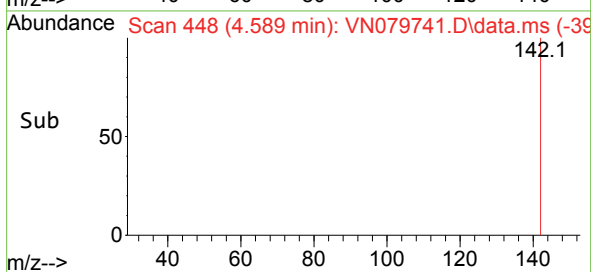
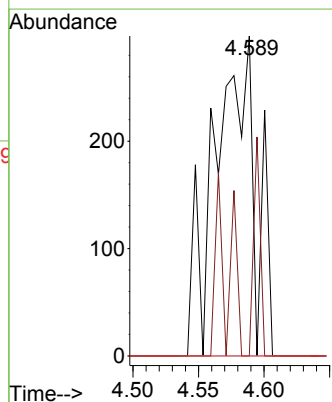
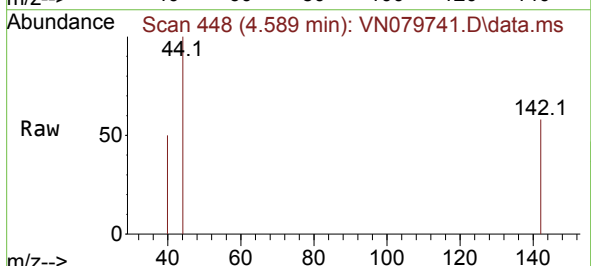
Instrument :
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ClientSampleId :

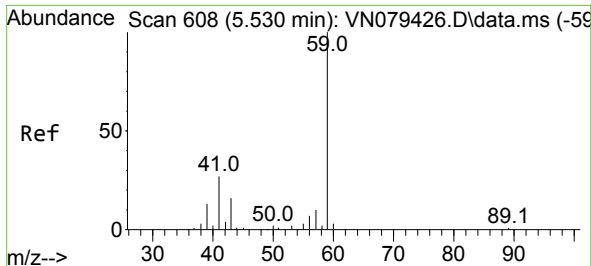
Tgt Ion: 94 Resp: 2193
Ion Ratio Lower Upper
94 100
96 53.8 73.1 109.7#



#10
Methyl Iodide
Concen: 0.235 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion:142 Resp: 643
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

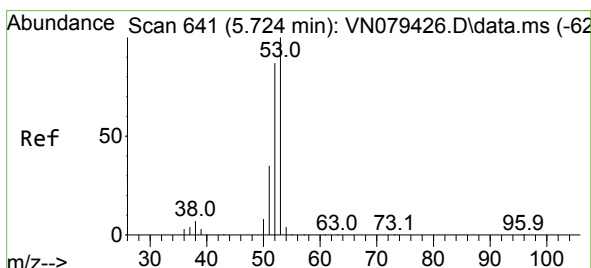
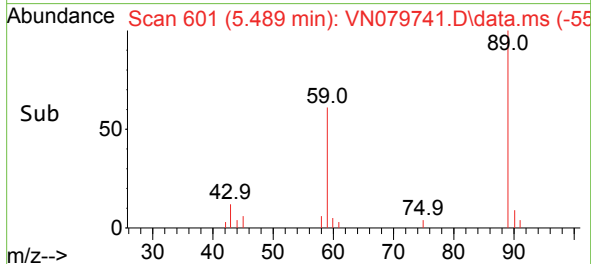
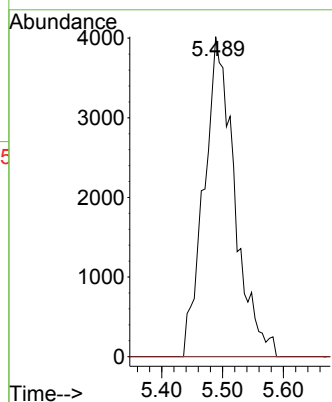
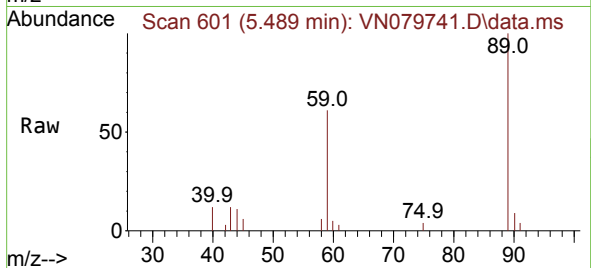




#11
Tert butyl alcohol
Concen: 28.438 ug/l
RT: 5.489 min Scan# 608
Delta R.T. -0.041 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

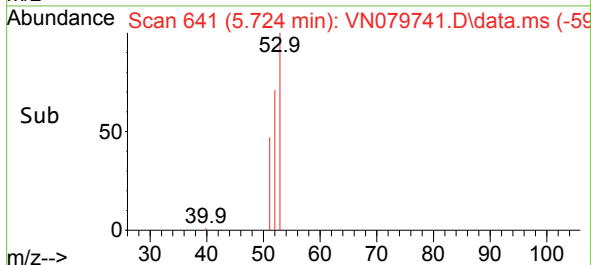
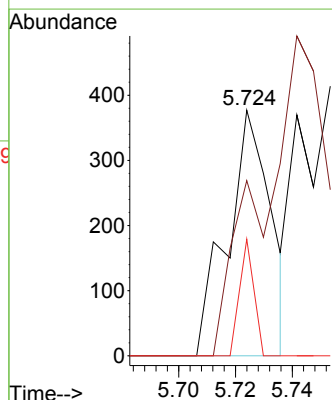
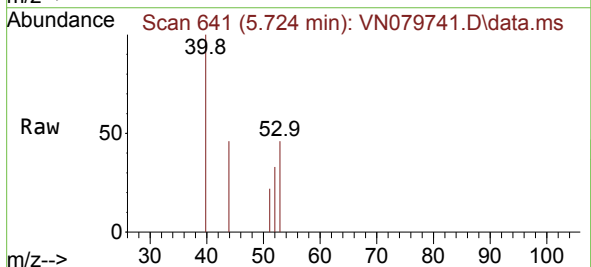
Instrument :
MSVOA_N
ClientSampleId :

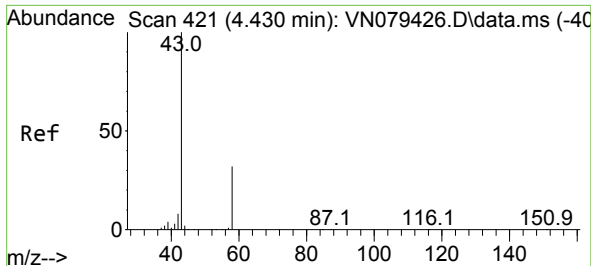
Tgt Ion: 59 Resp: 14024
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#15
Acrylonitrile
Concen: 0.265 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 53 Resp: 402
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 15.7 28.9 43.3#

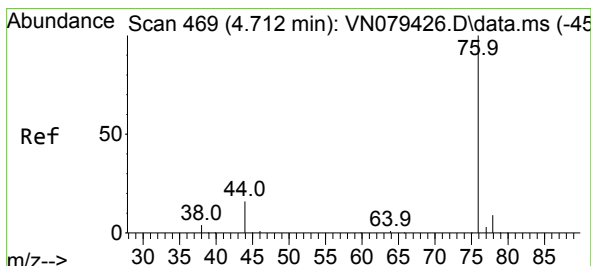
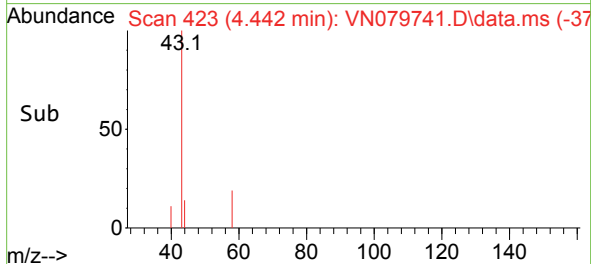
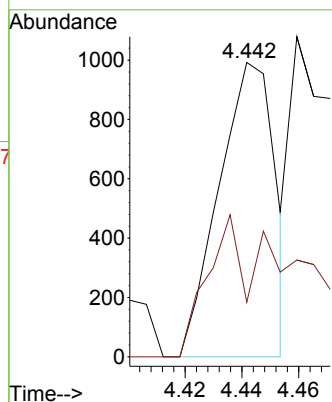
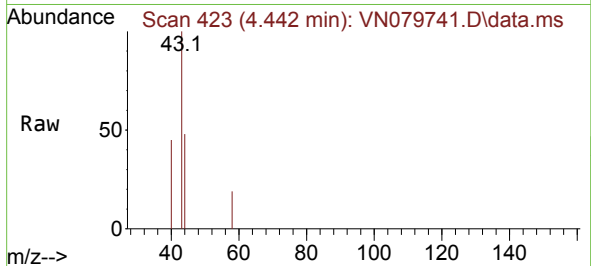




#16
Acetone
Concen: 0.858 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

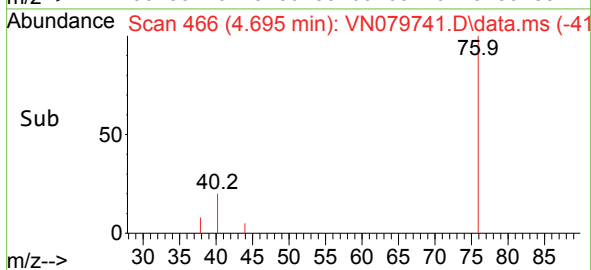
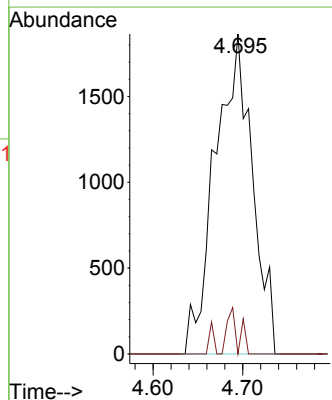
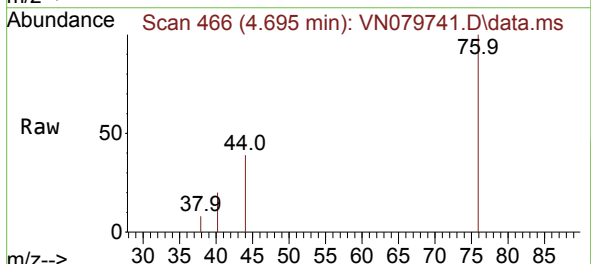
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MSVOA_N
ClientSampleId :

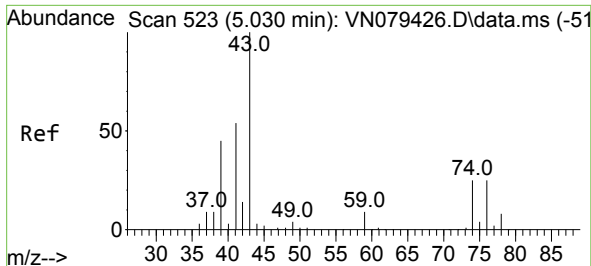
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 18.5 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.688 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.017 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 76 Resp: 5342
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

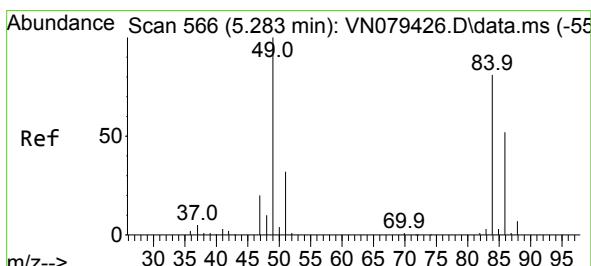
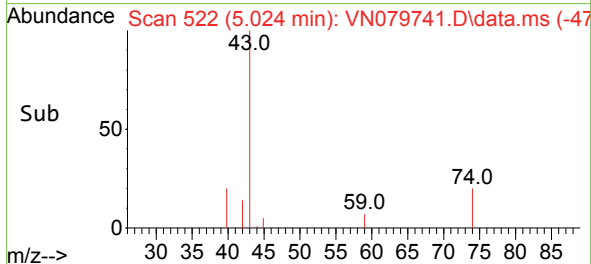
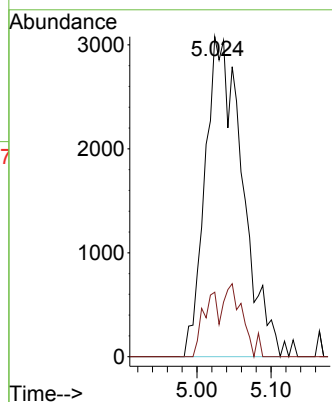
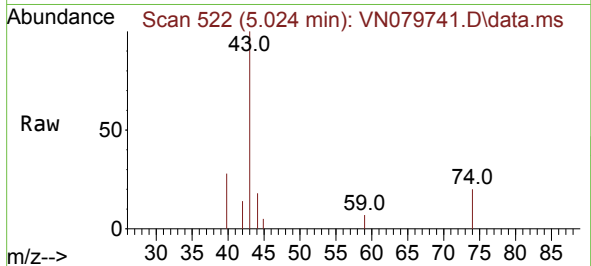




#18
Methyl Acetate
Concen: 1.676 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.006 min
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Acq: 31 Oct 2023 13:58

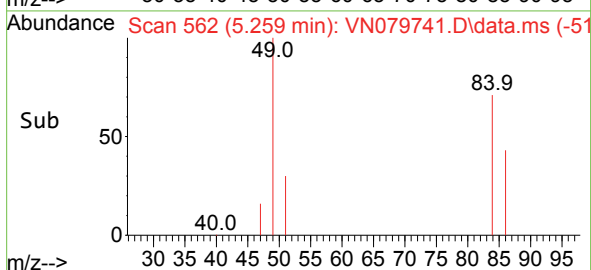
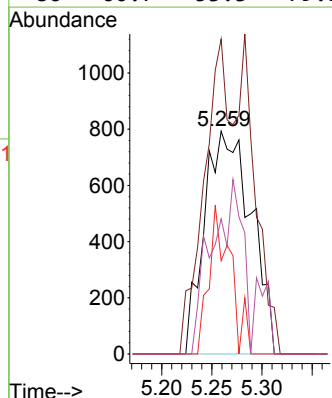
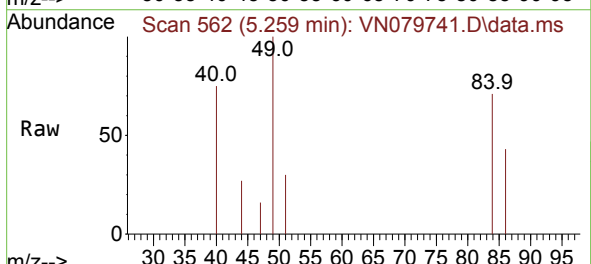
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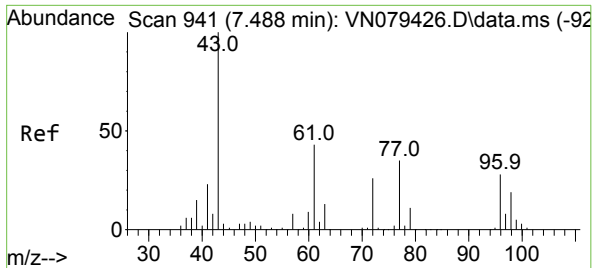
Tgt Ion: 43 Resp: 10758
Ion Ratio Lower Upper
43 100
74 8.3 26.2 39.4#



#20
Methylene Chloride
Concen: 0.816 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.024 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 84 Resp: 2569
Ion Ratio Lower Upper
84 100
49 141.4 79.7 119.5#
51 41.9 25.2 37.8#
86 60.7 53.3 79.9

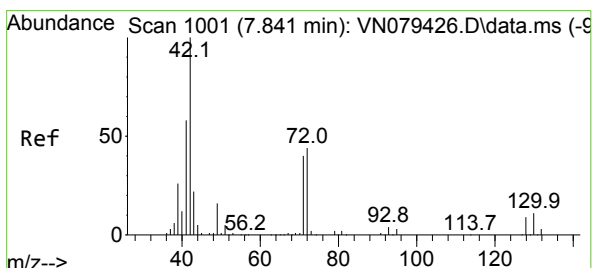
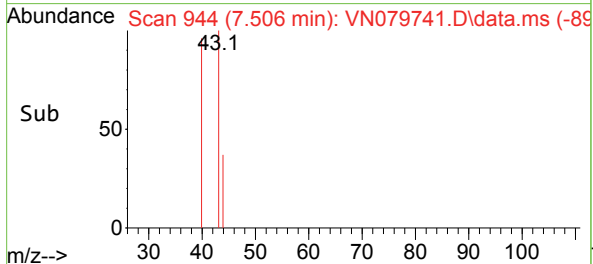
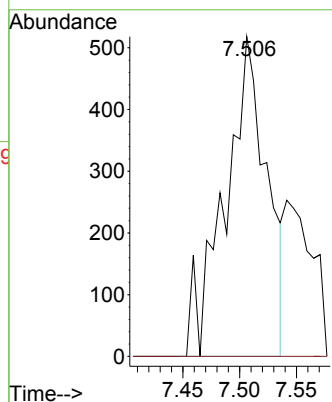
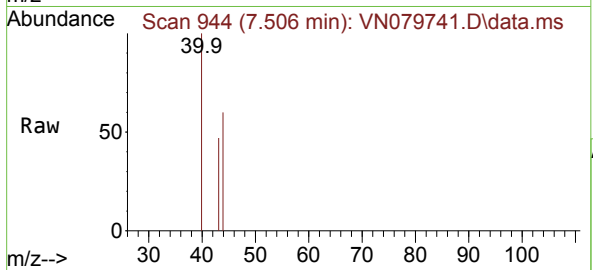




#25
2-Butanone
Concen: 0.605 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

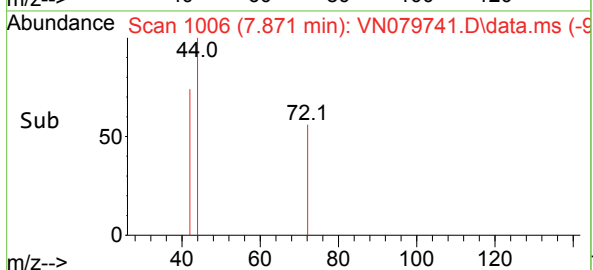
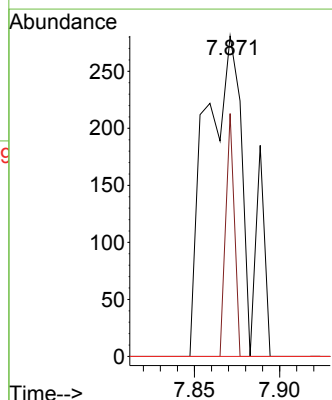
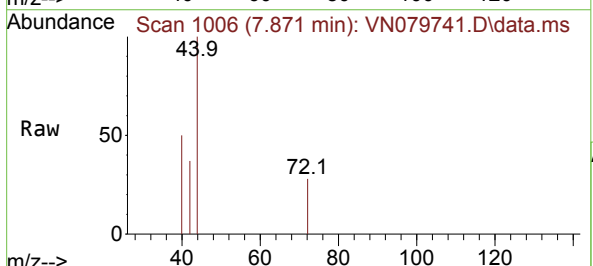
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ClientSampleId :

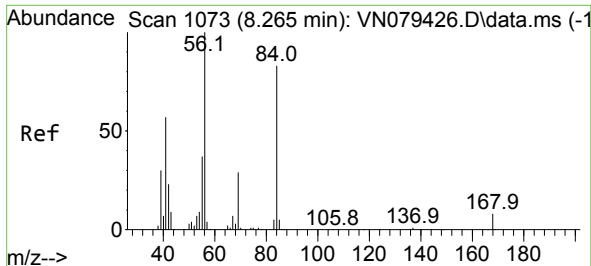
Tgt Ion: 43 Resp: 1322
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.347 ug/l
RT: 7.871 min Scan# 1006
Delta R.T. 0.030 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

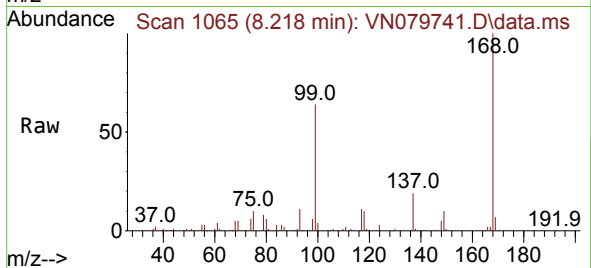
Tgt Ion: 42 Resp: 463
Ion Ratio Lower Upper
42 100
72 16.2 49.8 74.6#
71 0.0 47.4 71.2#



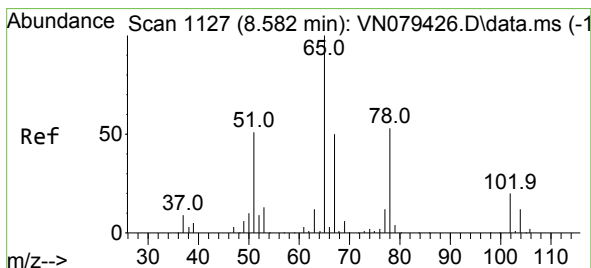
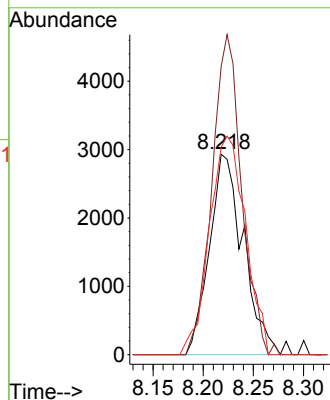
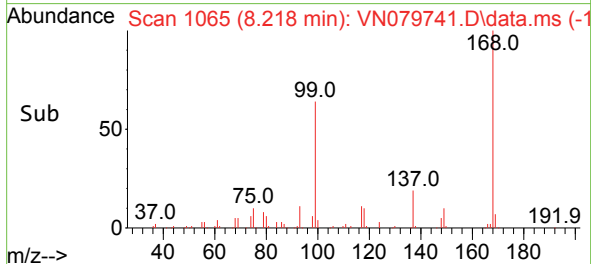


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.047 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :

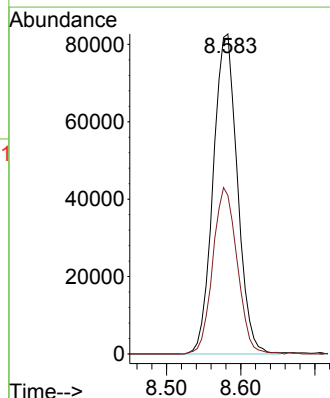
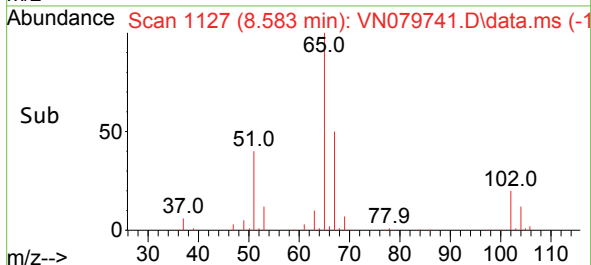
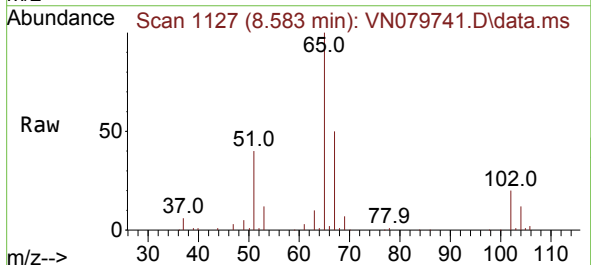


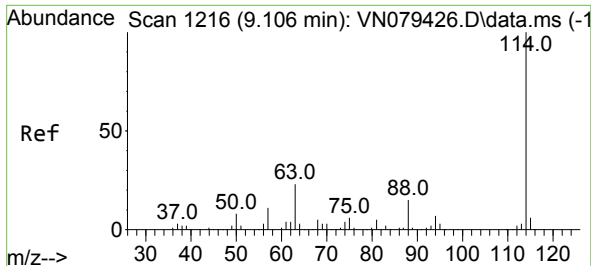
Tgt Ion: 56 Resp: 6891
Ion Ratio Lower Upper
56 100
69 143.7 26.8 40.2#
84 103.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 50.519 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 65 Resp: 187828
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

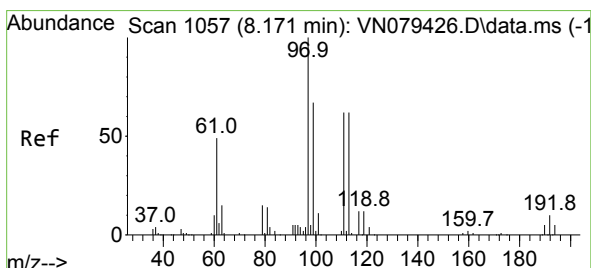
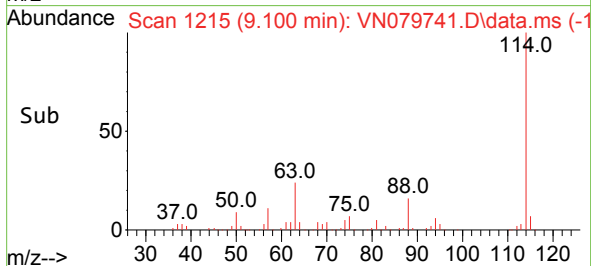
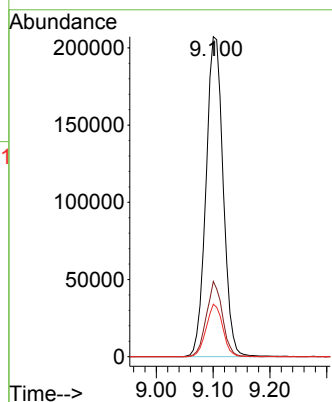
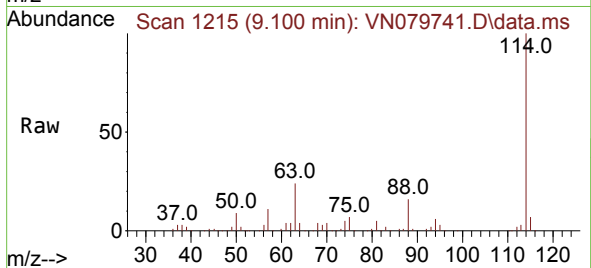
Tgt Ion:114 Resp: 433975

Ion Ratio Lower Upper

114 100

63 23.5 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.874 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

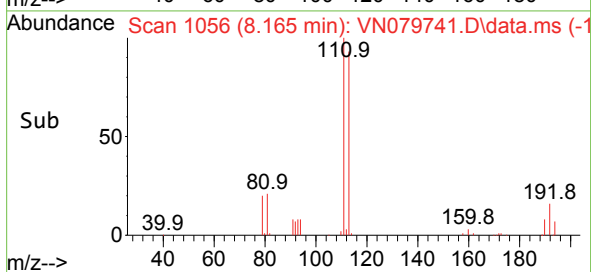
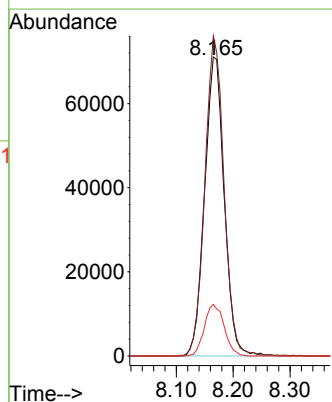
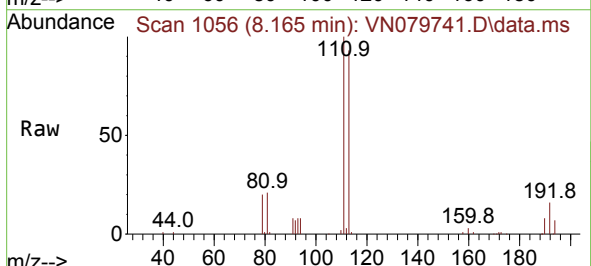
Tgt Ion:113 Resp: 170164

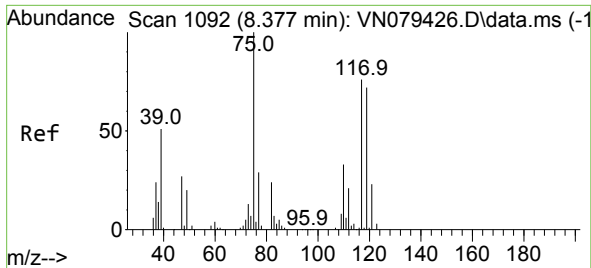
Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

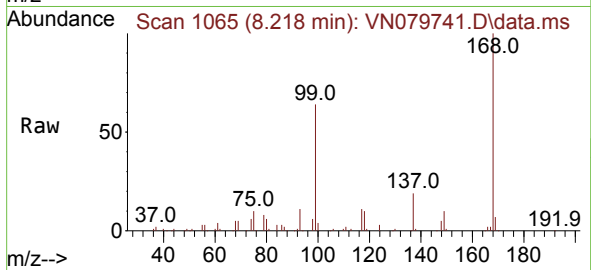
192 17.4 12.7 19.1



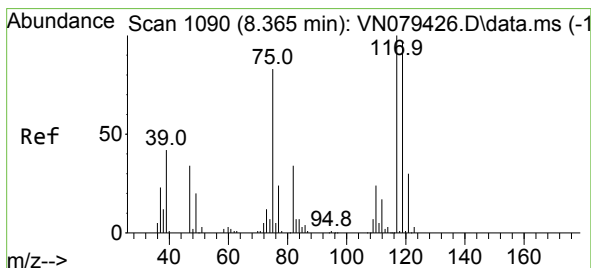
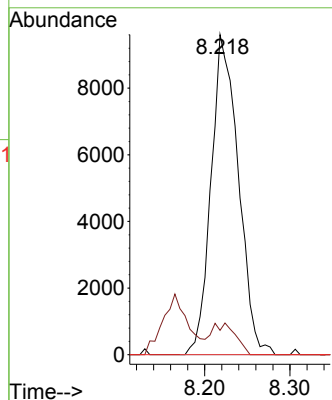
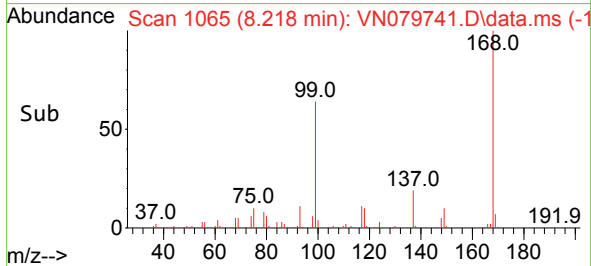


#36
 1,1-Dichloropropene
 Concen: 4.639 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.159 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

Instrument :
 MSVOA_N
 ClientSampleId :

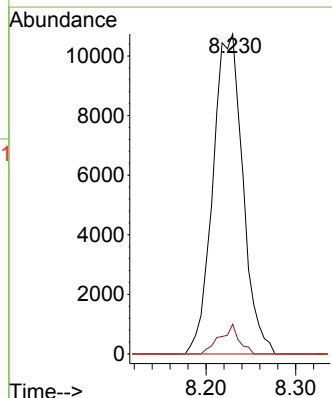
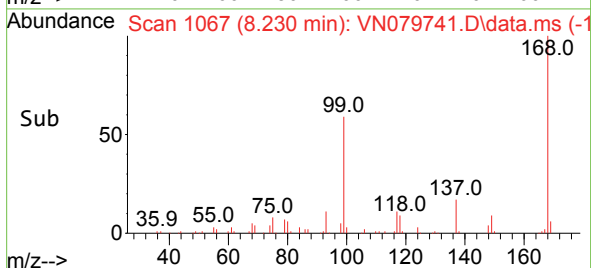
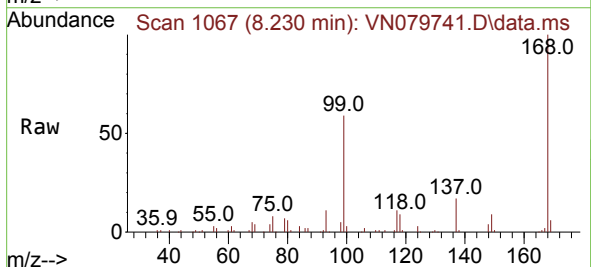


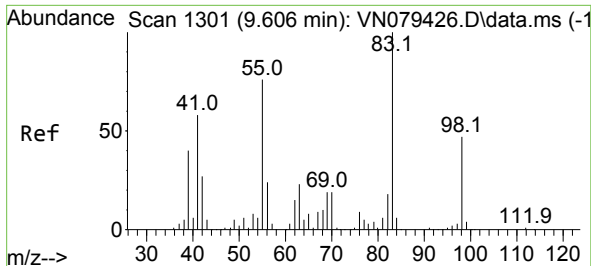
Tgt Ion: 75 Resp: 21341
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.1 57.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.405 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.135 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

Tgt Ion: 117 Resp: 24795
 Ion Ratio Lower Upper
 117 100
 119 9.3 77.3 115.9#
 121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.424 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

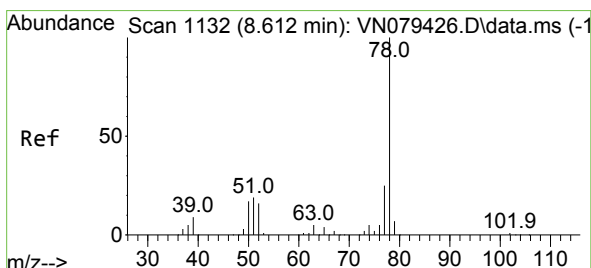
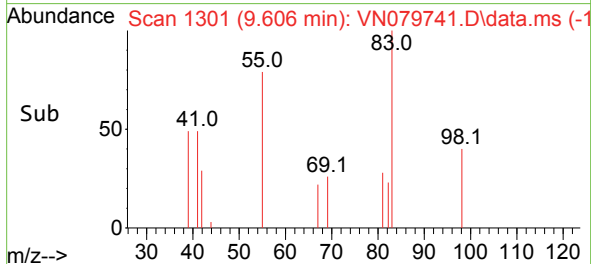
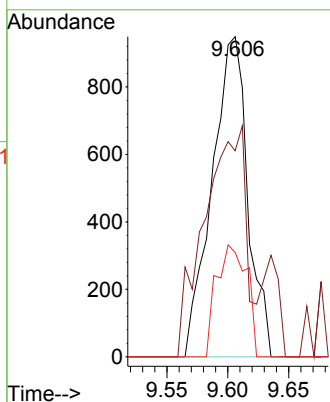
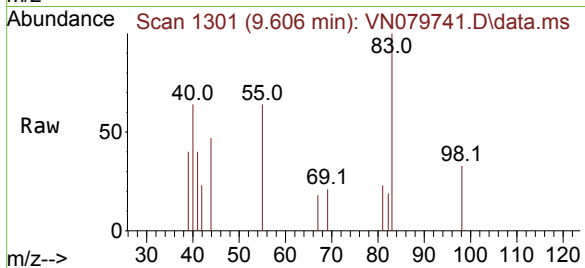
Tgt Ion: 83 Resp: 1942

Ion Ratio Lower Upper

83 100

55 64.4 49.1 73.7

98 32.6 40.6 61.0#



#40

Benzene

Concen: 0.524 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VN079741.D

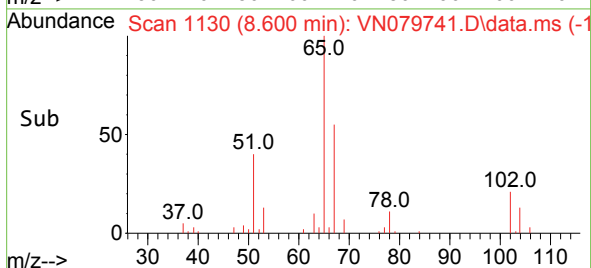
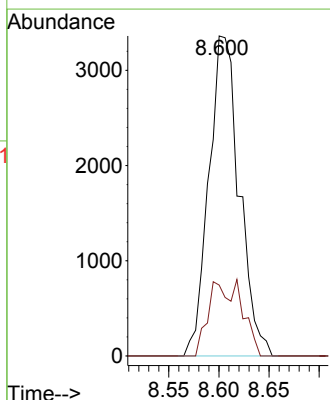
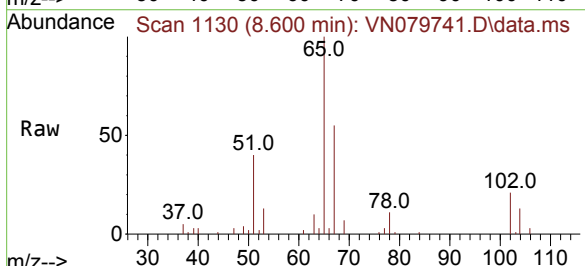
Acq: 31 Oct 2023 13:58

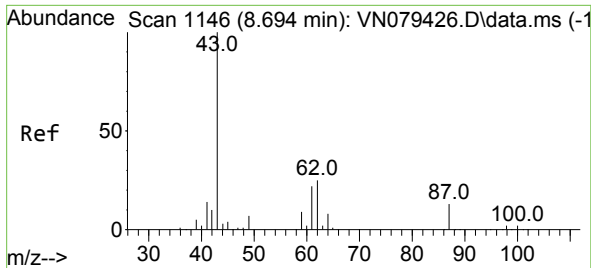
Tgt Ion: 78 Resp: 7110

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.6

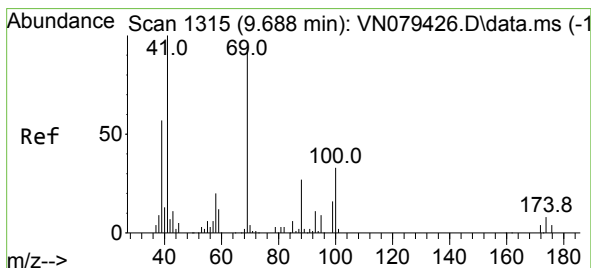
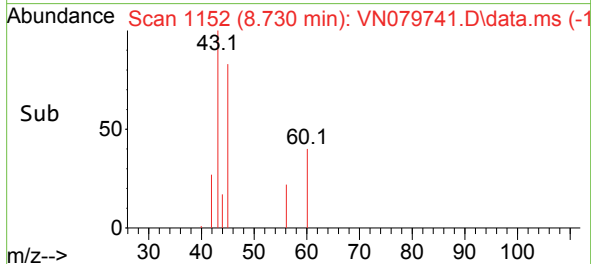
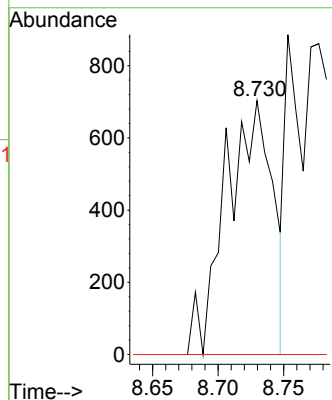
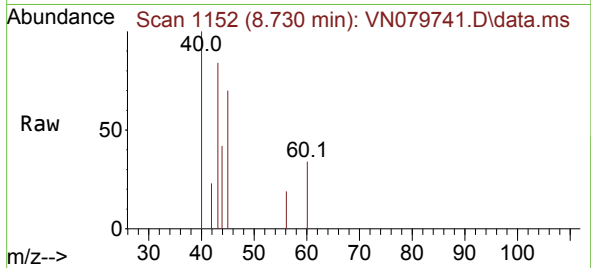




#43
Isopropyl Acetate
Concen: 0.240 ug/l
RT: 8.730 min Scan# 1152
Delta R.T. 0.036 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

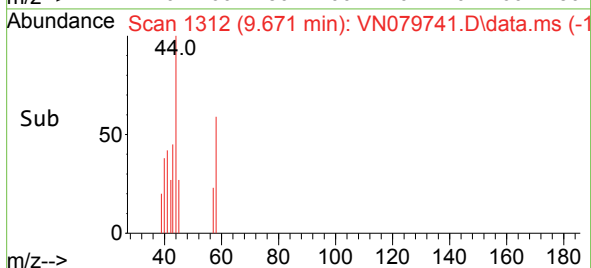
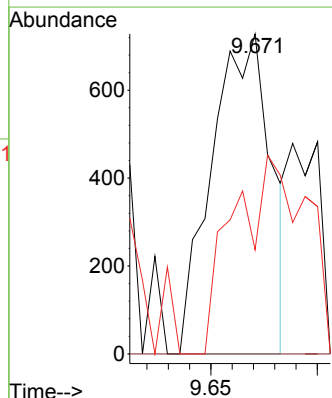
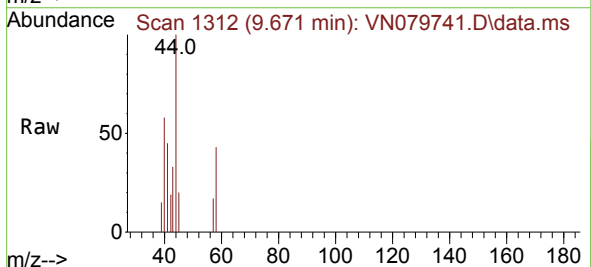
Instrument :
MSVOA_N
ClientSampleId :

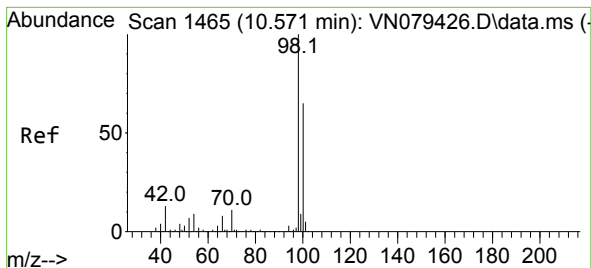
Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 0.417 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.017 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 41 Resp: 1408
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 76.3 54.6 81.8





#50

Toluene-d8

Concen: 45.004 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

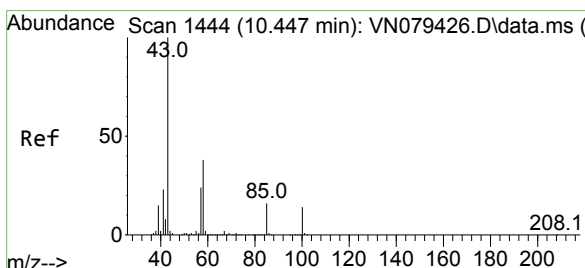
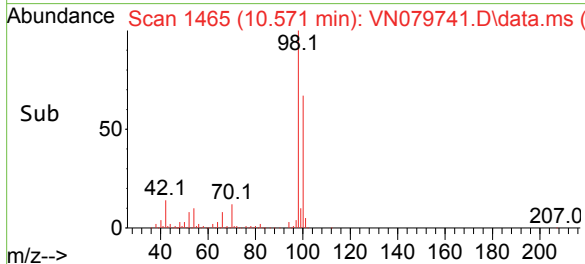
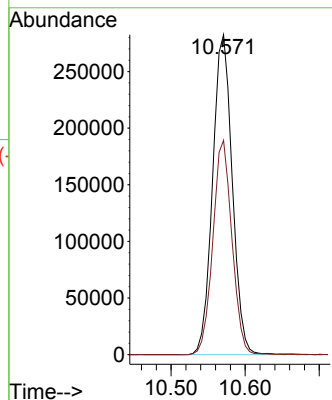
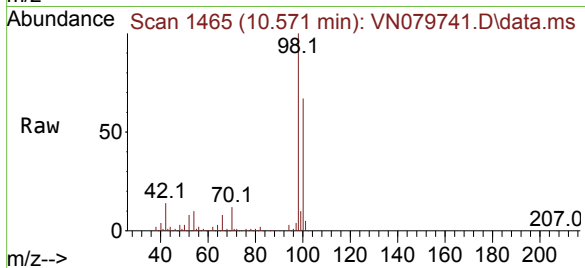
ClientSampleId :

Tgt Ion: 98 Resp: 520244

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.442 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN079741.D

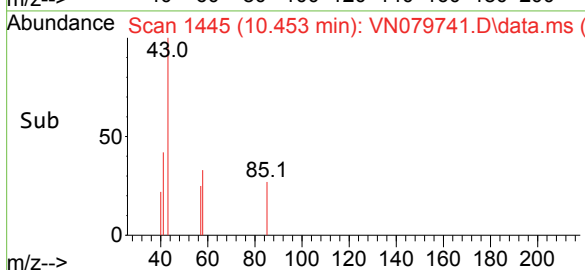
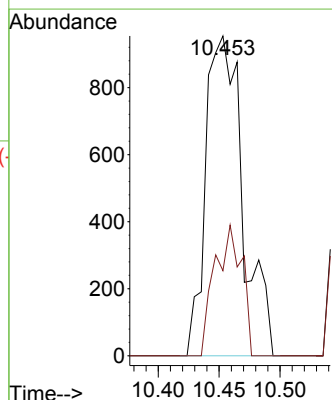
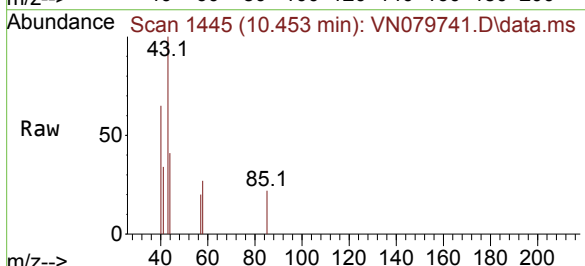
Acq: 31 Oct 2023 13:58

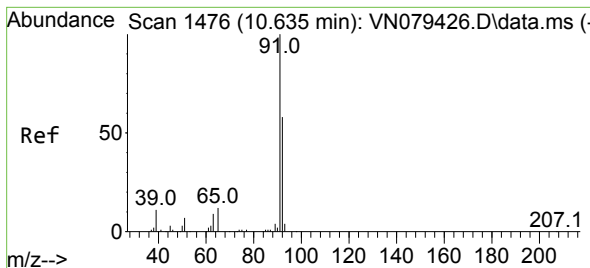
Tgt Ion: 43 Resp: 2007

Ion Ratio Lower Upper

43 100

58 29.9 36.6 54.8#





#52

Toluene

Concen: 0.343 ug/l

RT: 10.641 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

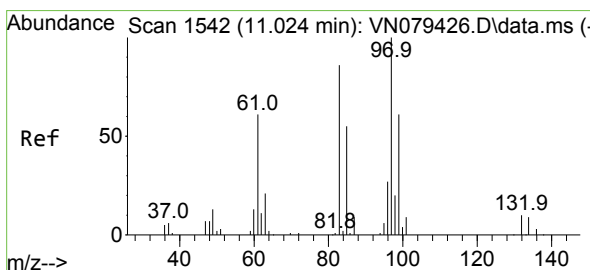
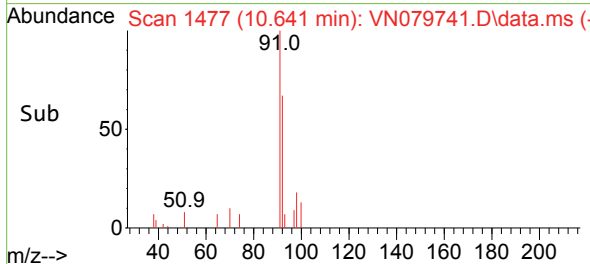
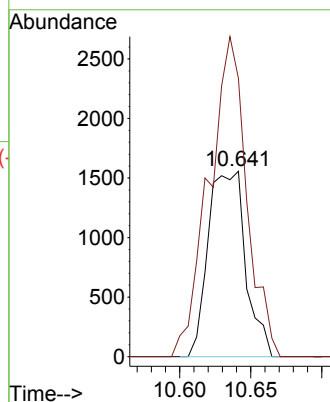
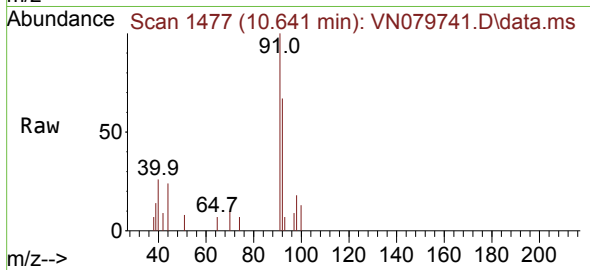
ClientSampleId :

Tgt Ion: 92 Resp: 2843

Ion Ratio Lower Upper

92 100

91 174.8 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 0.469 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.012 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Tgt Ion: 97 Resp: 1537

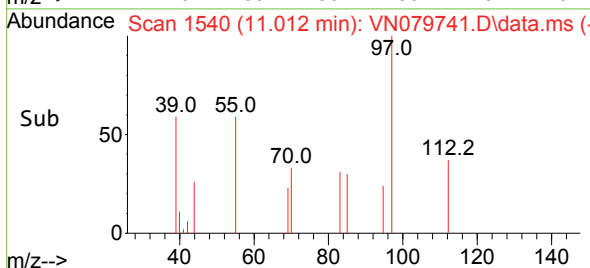
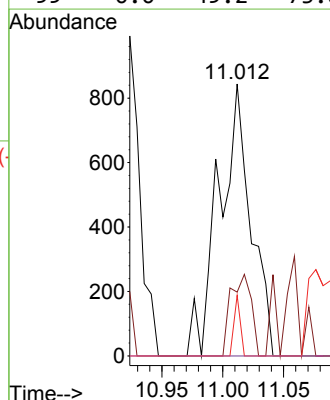
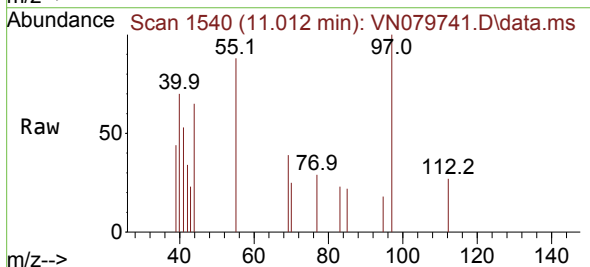
Ion Ratio Lower Upper

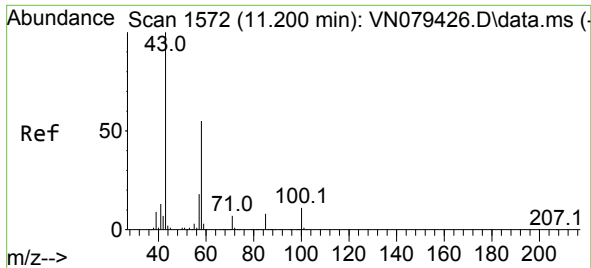
97 100

83 23.5 65.1 97.7#

85 22.3 43.4 65.2#

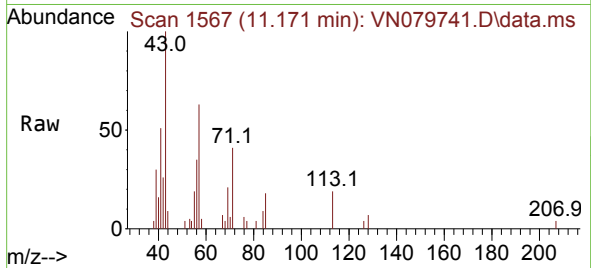
99 0.0 49.2 73.8#



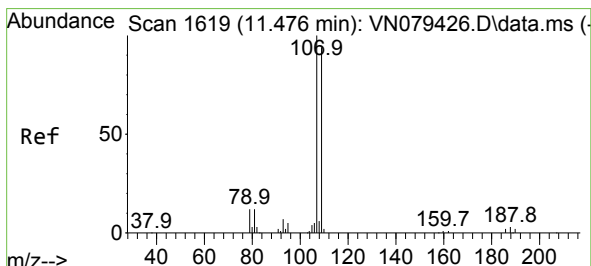
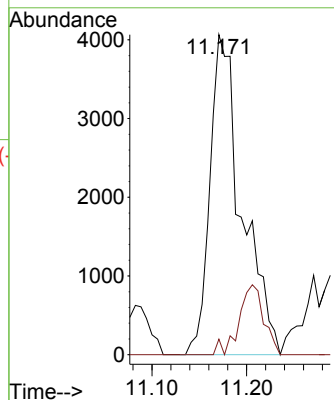
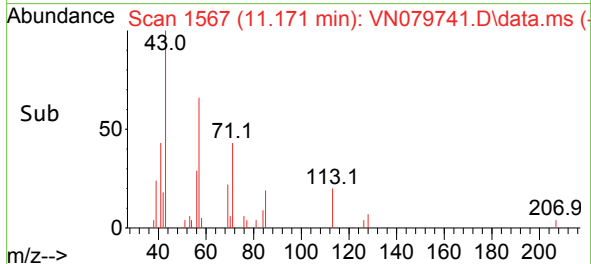


#59
2-Hexanone
Concen: 2.847 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.029 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :

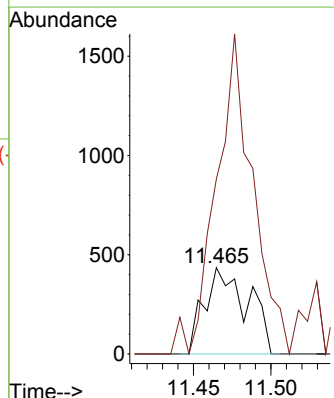
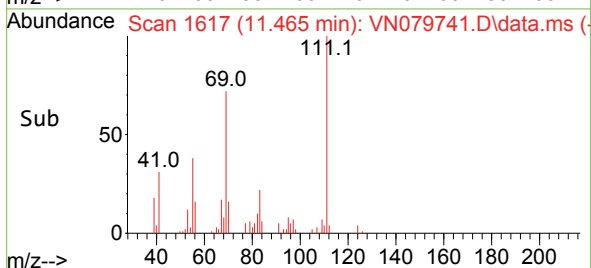
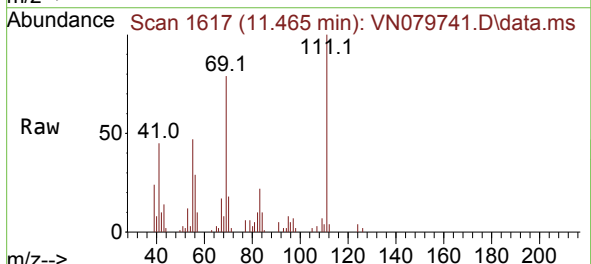


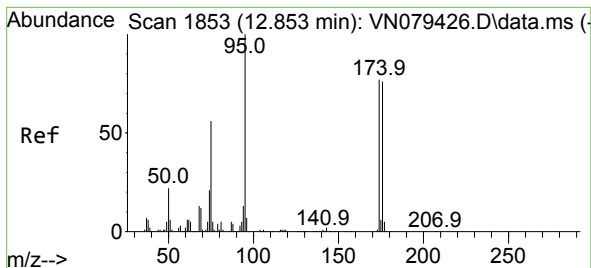
Tgt Ion: 43 Resp: 9495
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#61
1,2-Dibromoethane
Concen: 0.258 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.011 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 107 Resp: 843
Ion Ratio Lower Upper
107 100
109 313.9 76.6 114.8#

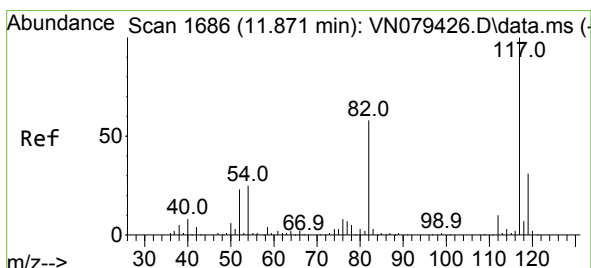
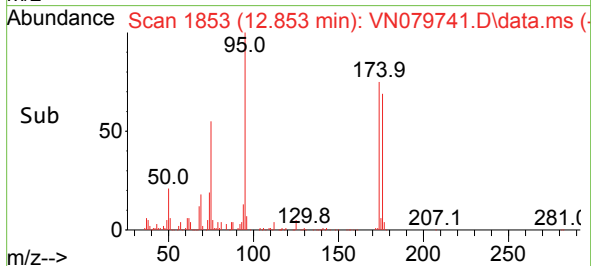
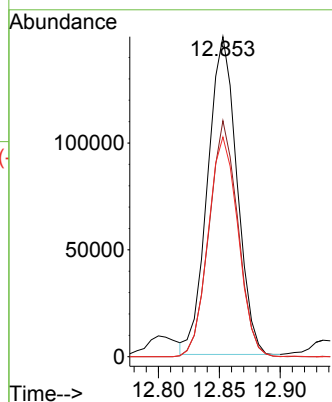
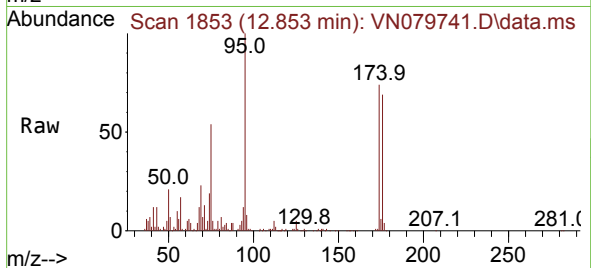




#62
4-Bromofluorobenzene
Concen: 68.236 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

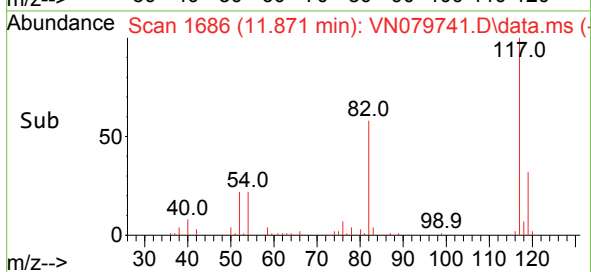
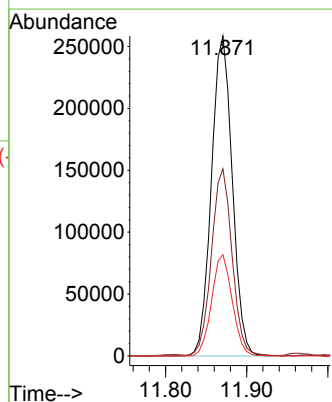
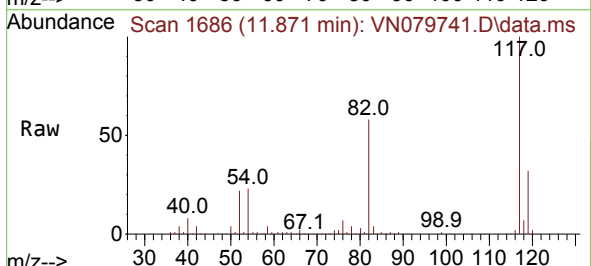
Instrument :
MSVOA_N
ClientSampleId :

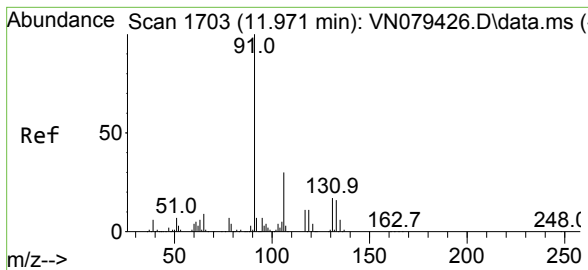
Tgt Ion: 95 Resp: 248402
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 70.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 117 Resp: 461302
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.7 25.6 38.4

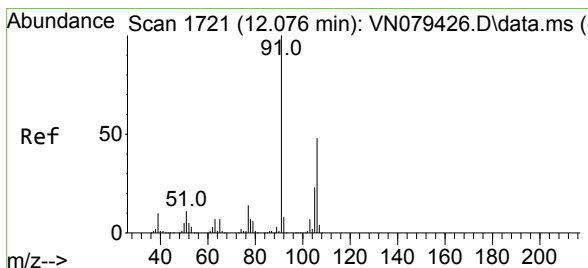
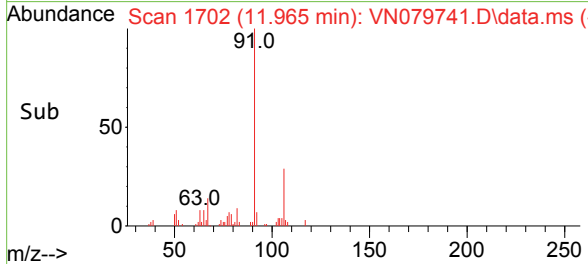
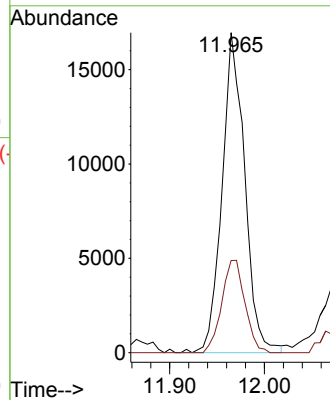
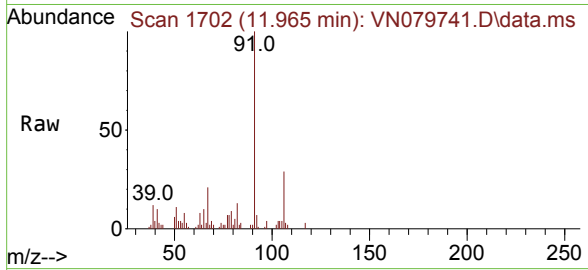




#67
Ethyl Benzene
Concen: 1.570 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

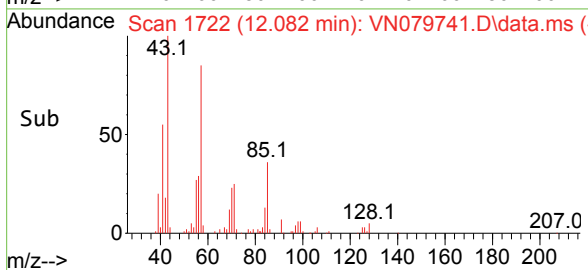
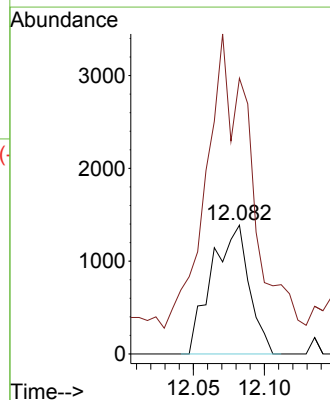
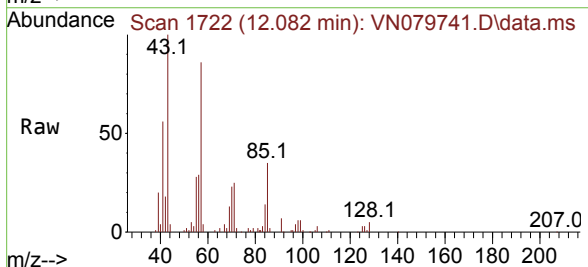
Instrument :
MSVOA_N
ClientSampleId :

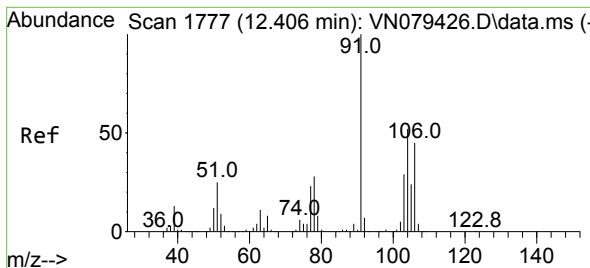
Tgt Ion: 91 Resp: 28237
Ion Ratio Lower Upper
91 100
106 28.8 25.6 38.4



#68
m/p-Xylenes
Concen: 0.383 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 106 Resp: 2548
Ion Ratio Lower Upper
106 100
91 331.1 159.6 239.4#





#69

o-Xylene

Concen: 0.459 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

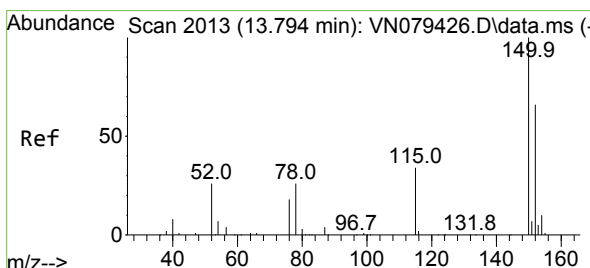
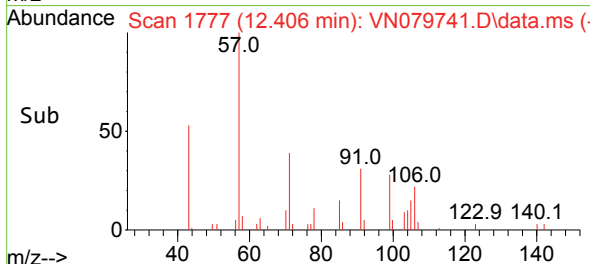
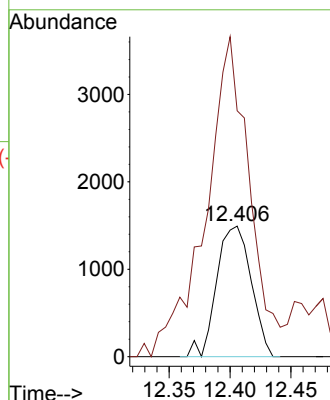
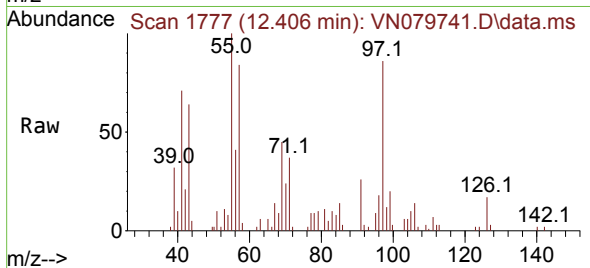
ClientSampleId :

Tgt Ion:106 Resp: 2934

Ion Ratio Lower Upper

106 100

91 312.1 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

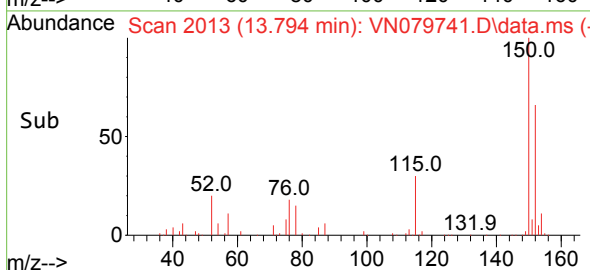
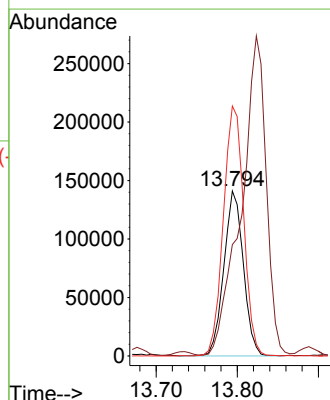
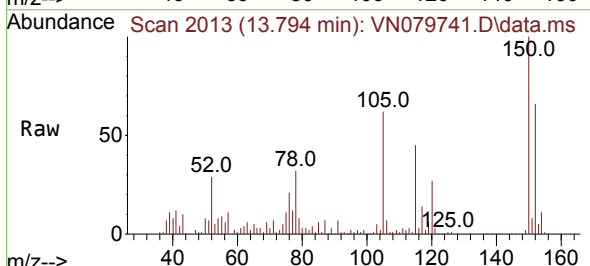
Tgt Ion:152 Resp: 235708

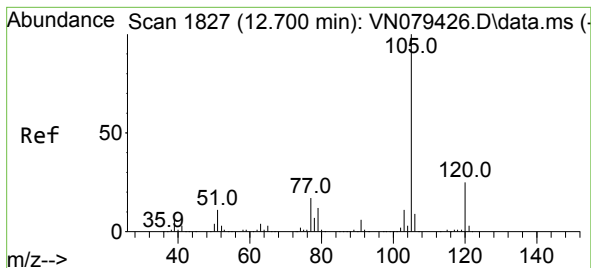
Ion Ratio Lower Upper

152 100

115 0.0 32.3 96.8#

150 157.7 0.0 355.8





#73

Isopropylbenzene

Concen: 30.558 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

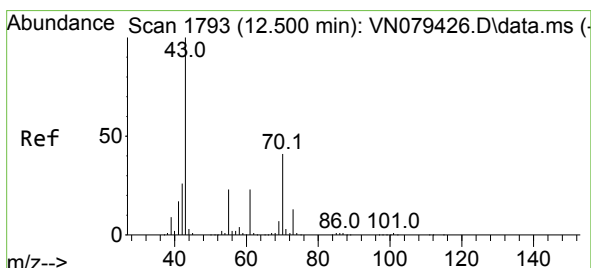
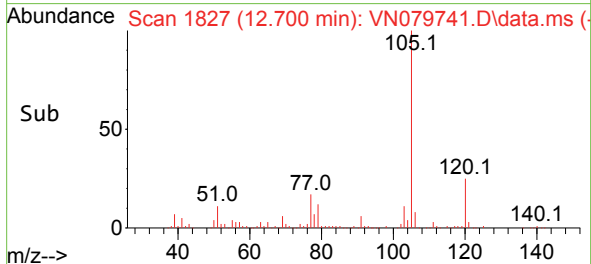
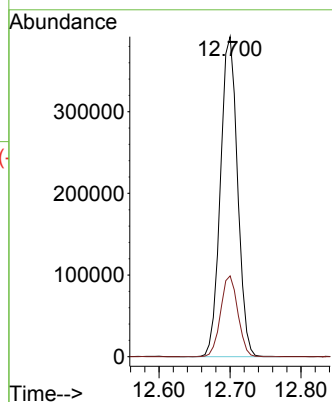
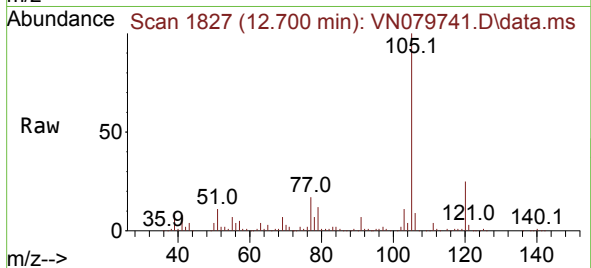
ClientSampleId :

Tgt Ion:105 Resp: 652417

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 17.821 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.018 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Tgt Ion: 43 Resp: 151331

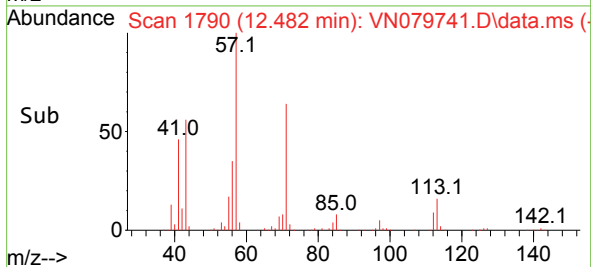
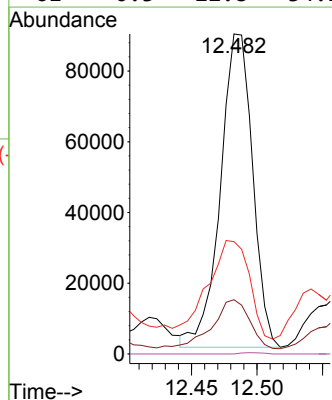
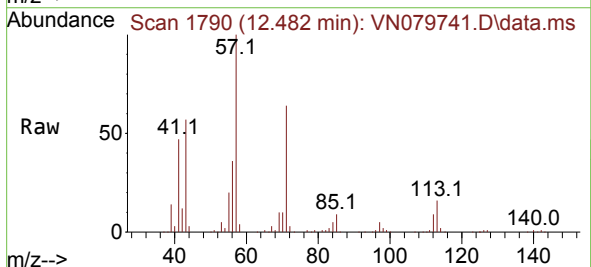
Ion Ratio Lower Upper

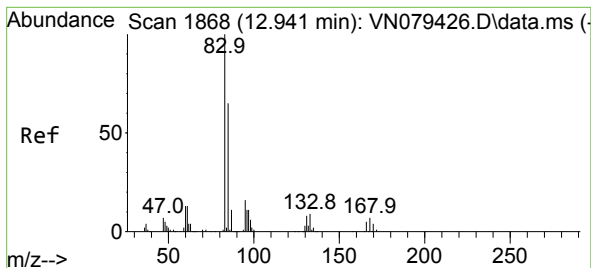
43 100

70 18.1 43.4 65.2#

55 41.0 21.4 32.0#

61 0.3 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.228 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.012 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

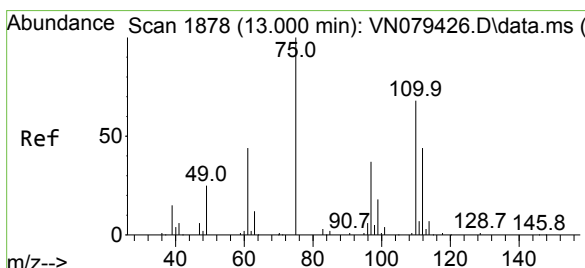
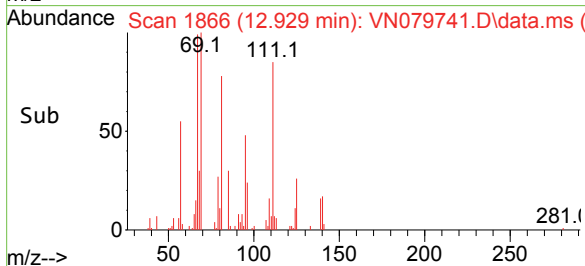
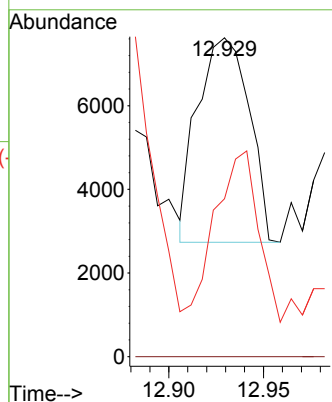
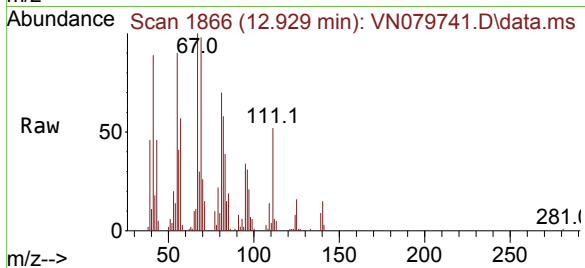
Tgt Ion: 83 Resp: 9282

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 5.068 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.041 min

Lab File: VN079741.D

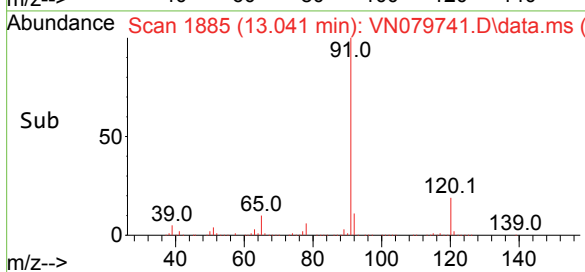
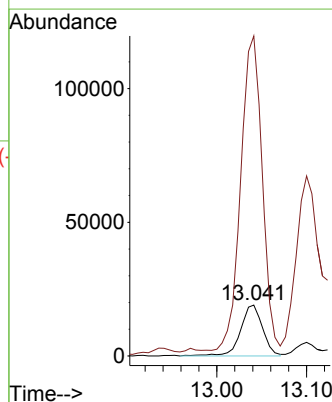
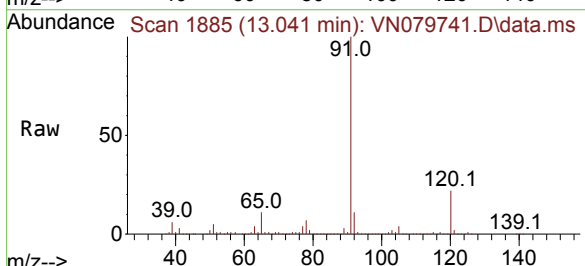
Acq: 31 Oct 2023 13:58

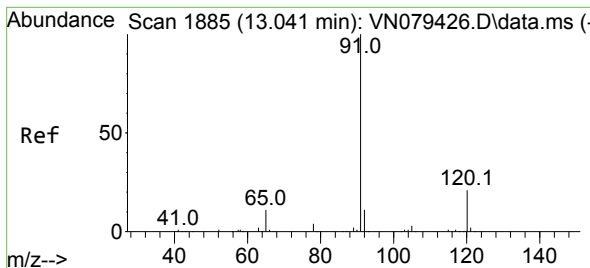
Tgt Ion: 75 Resp: 32437

Ion Ratio Lower Upper

75 100

77 599.0 84.5 253.5#





#78

n-propylbenzene

Concen: 193.096 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

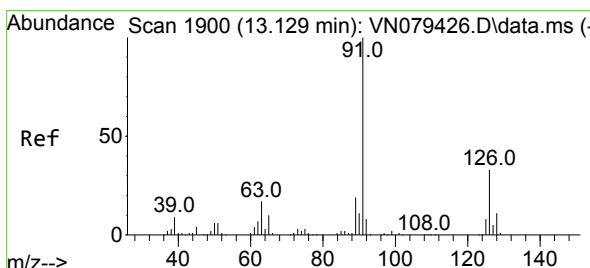
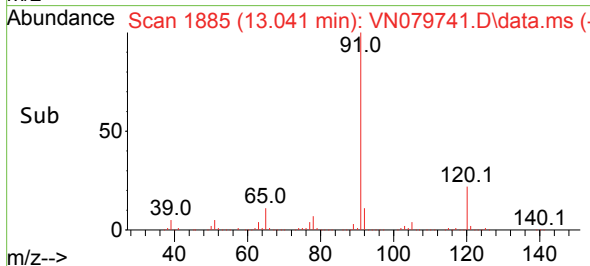
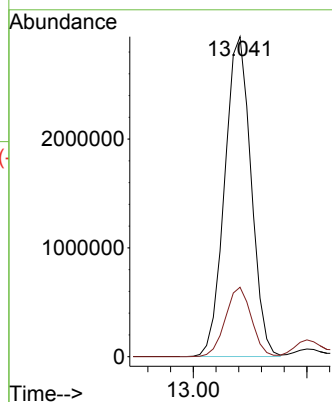
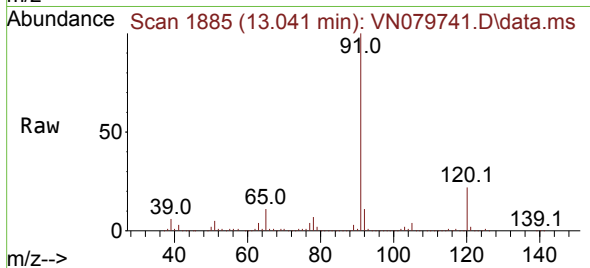
ClientSampleId :

Tgt Ion: 91 Resp: 4748944

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4



#79

2-Chlorotoluene

Concen: 309.769 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.088 min

Lab File: VN079741.D

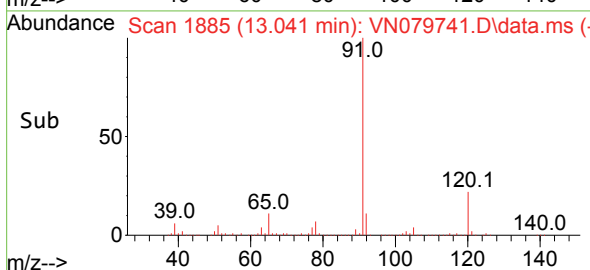
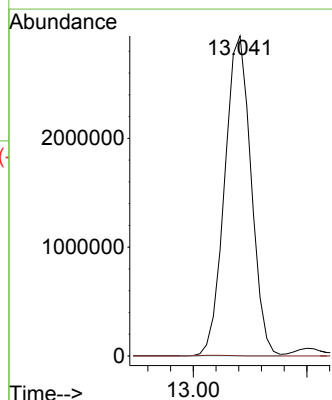
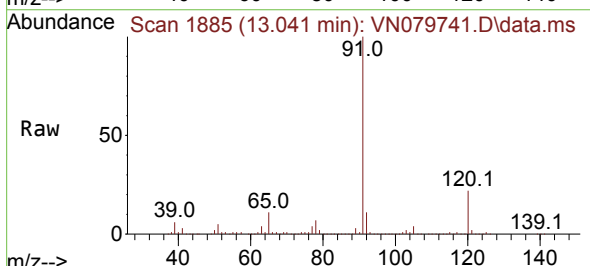
Acq: 31 Oct 2023 13:58

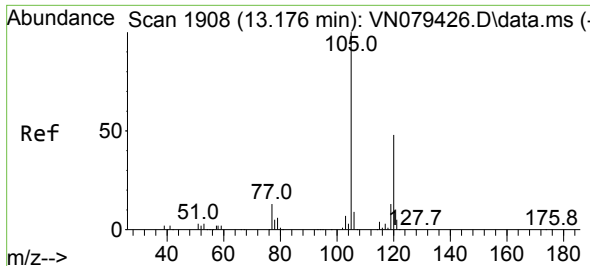
Tgt Ion: 91 Resp: 4748944

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#

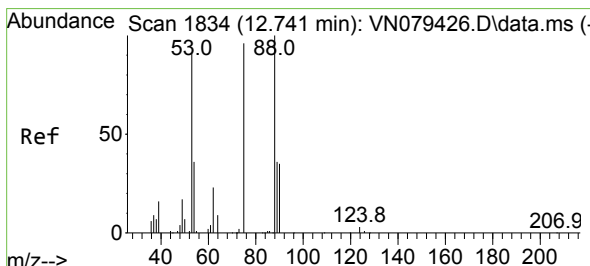
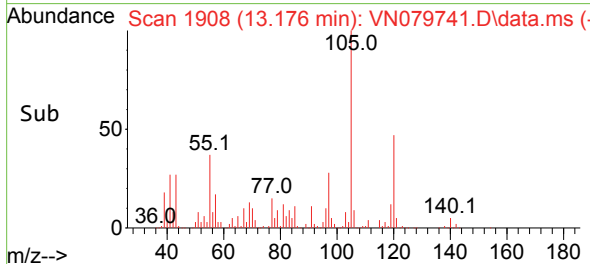
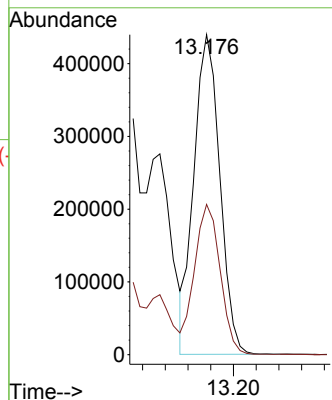
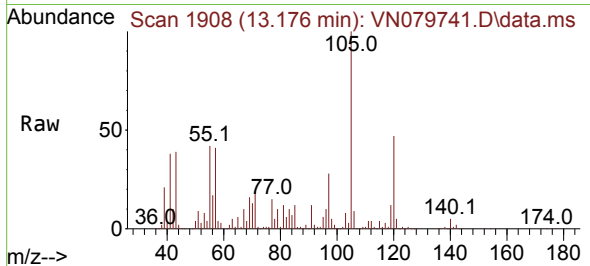




#80
 1,3,5-Trimethylbenzene
 Concen: 39.952 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

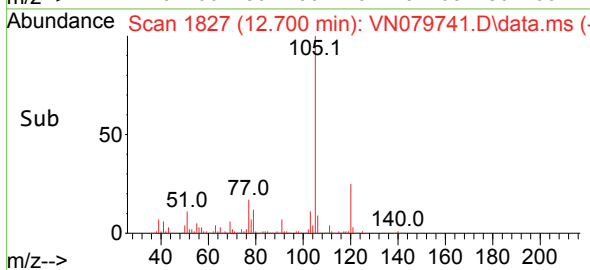
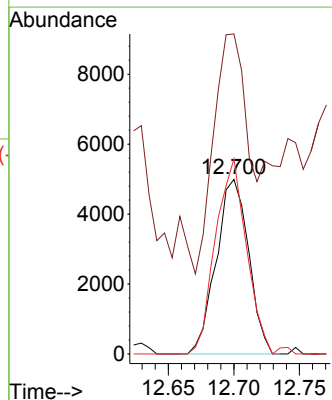
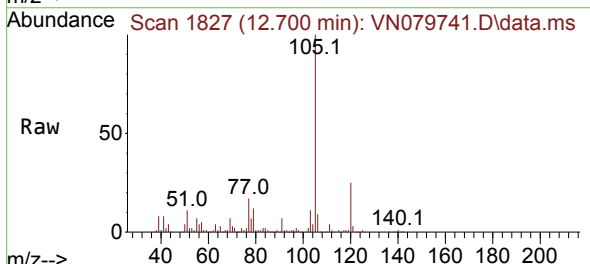
Instrument :
 MSVOA_N
 ClientSampleId :

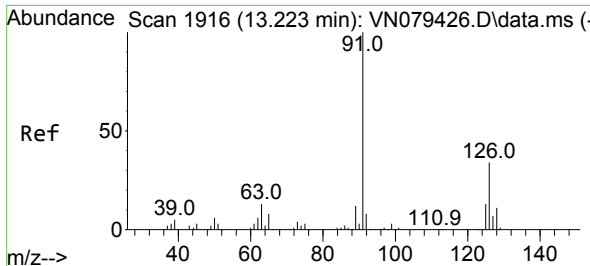
Tgt Ion:105 Resp: 695290
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.040 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.041 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

Tgt Ion: 75 Resp: 8573
 Ion Ratio Lower Upper
 75 100
 53 144.9 67.4 101.2#
 89 108.3 38.8 58.2#

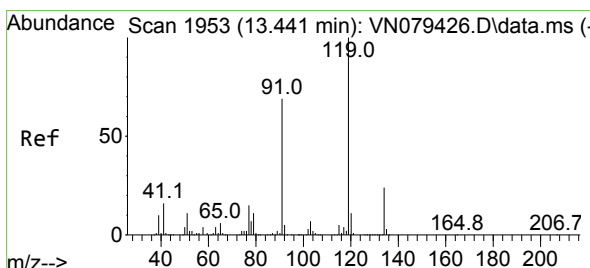
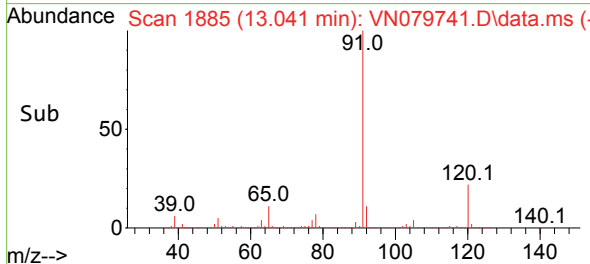
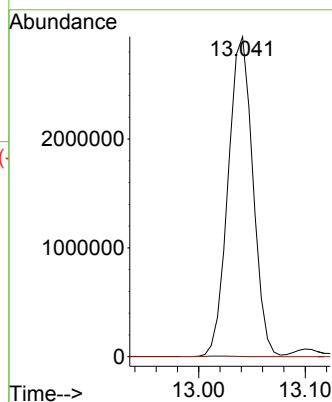
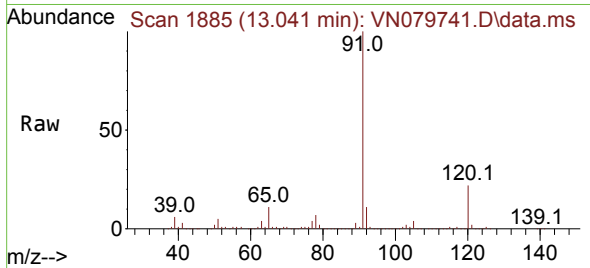




#82
4-Chlorotoluene
Concen: 322.402 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.182 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

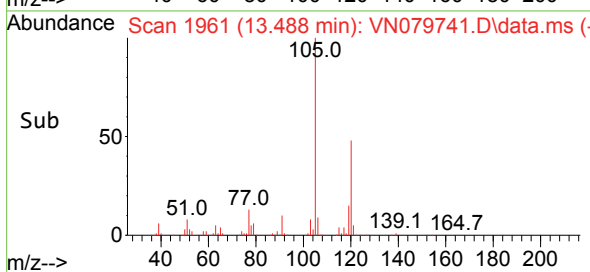
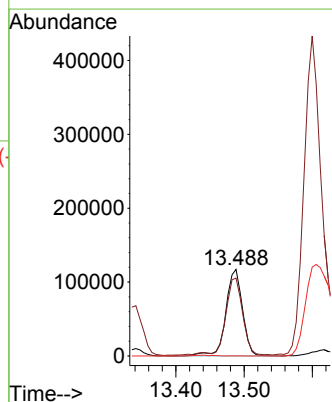
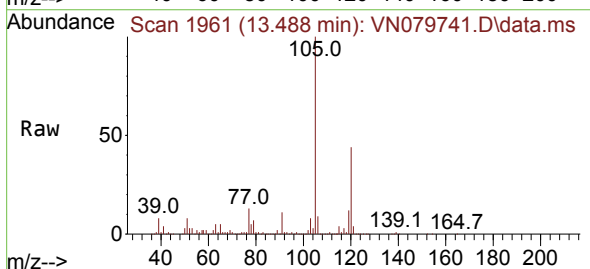
Instrument :
MSVOA_N
ClientSampleId :

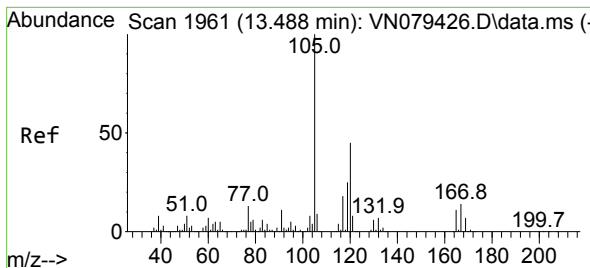
Tgt Ion: 91 Resp: 4747464
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 13.877 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.047 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 119 Resp: 197919
Ion Ratio Lower Upper
119 100
91 87.1 33.9 101.7
134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 96.229 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

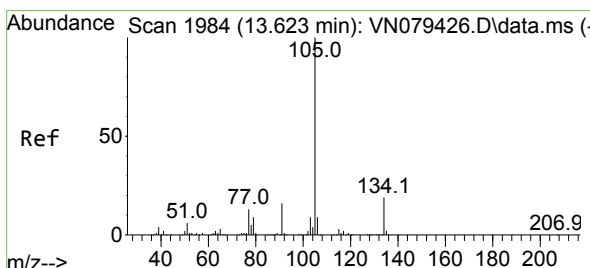
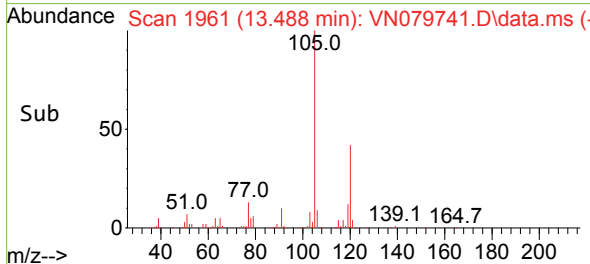
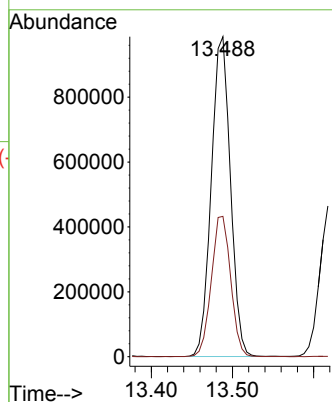
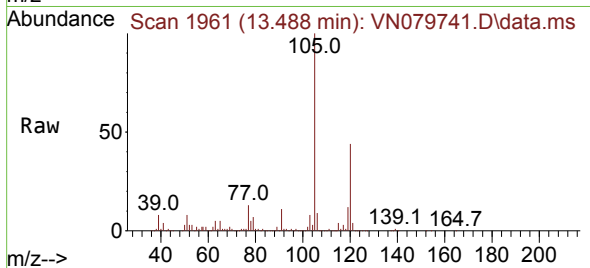
ClientSampleId :

Tgt Ion:105 Resp: 1615630

Ion Ratio Lower Upper

105 100

120 44.4 22.0 66.0



#85

sec-Butylbenzene

Concen: 38.586 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.005 min

Lab File: VN079741.D

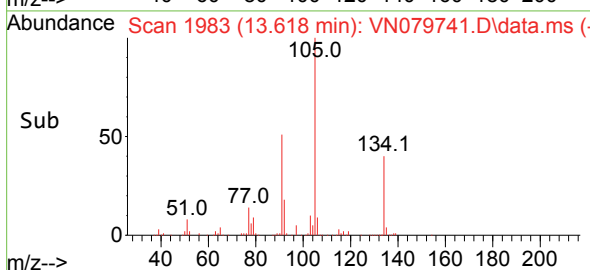
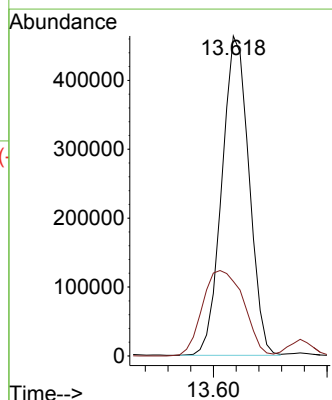
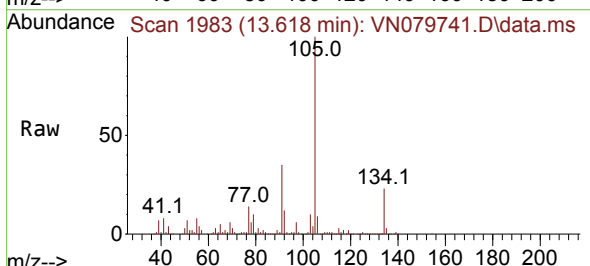
Acq: 31 Oct 2023 13:58

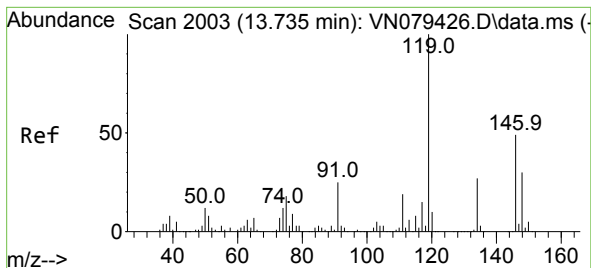
Tgt Ion:105 Resp: 767650

Ion Ratio Lower Upper

105 100

134 40.8 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 4.223 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

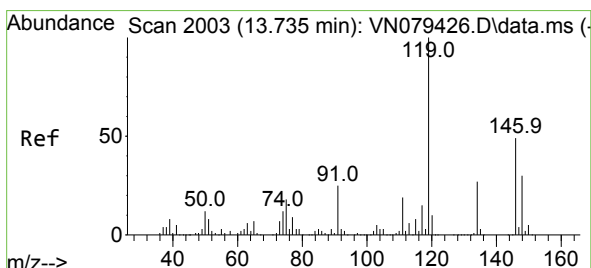
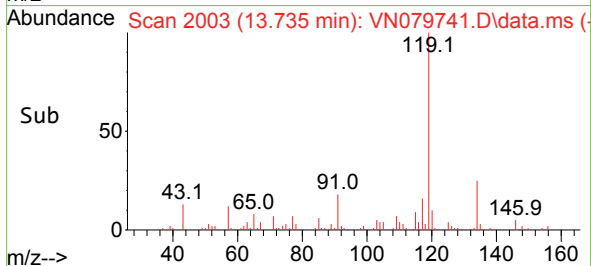
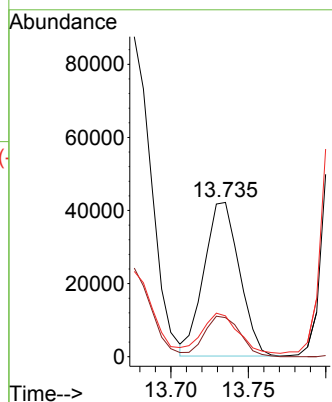
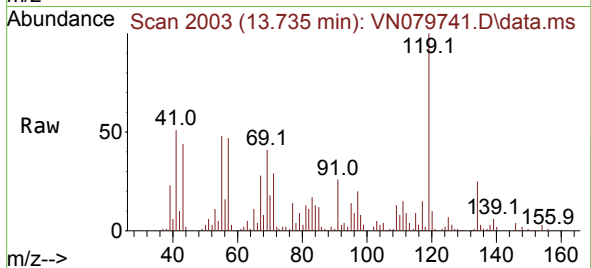
Tgt Ion:119 Resp: 66910

Ion Ratio Lower Upper

119 100

134 0.0 12.6 37.8#

91 0.0 12.4 37.2#



#87

1,3-Dichlorobenzene

Concen: 0.315 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

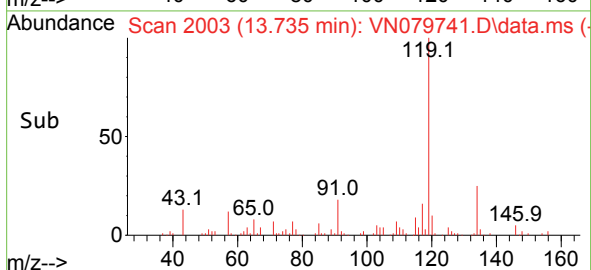
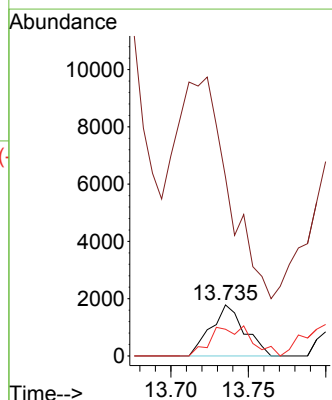
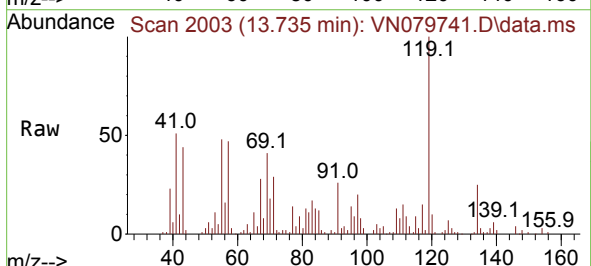
Tgt Ion:146 Resp: 2679

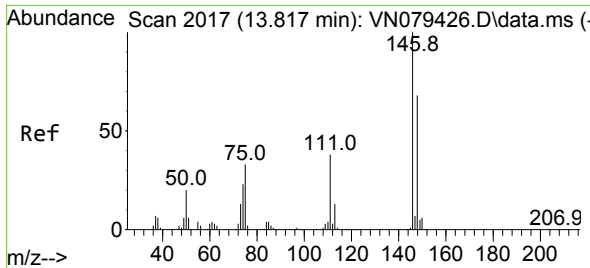
Ion Ratio Lower Upper

146 100

111 676.1 22.1 66.3#

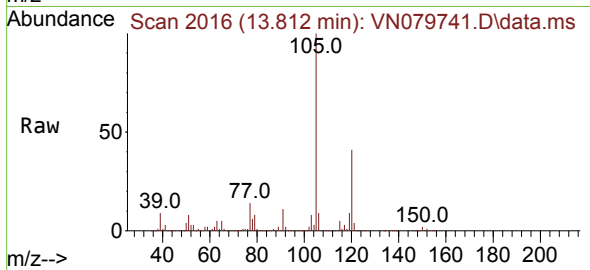
148 0.0 32.0 96.0#



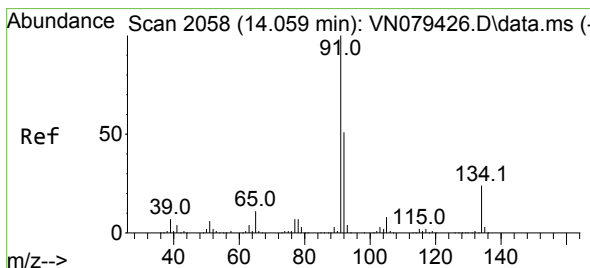
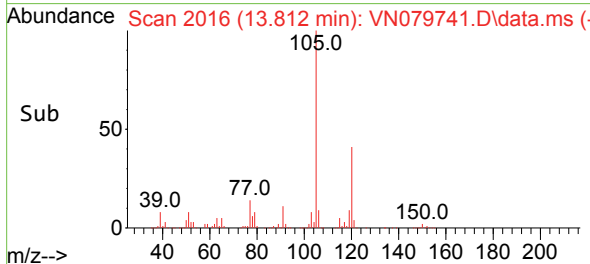
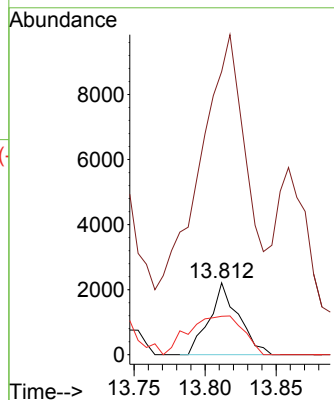


#88
1,4-Dichlorobenzene
Concen: 0.371 ug/l
RT: 13.812 min Scan# 2017
Delta R.T. -0.005 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :

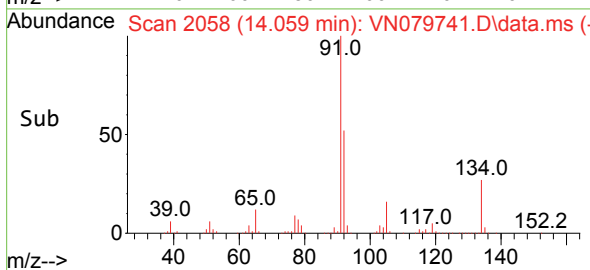
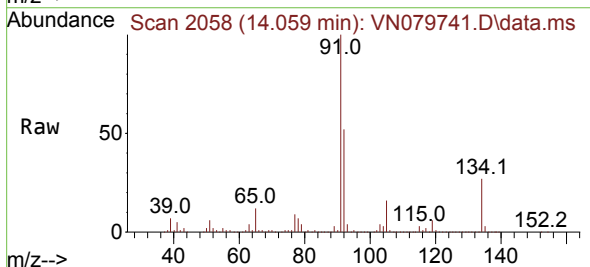
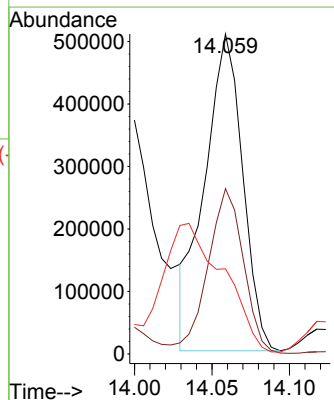


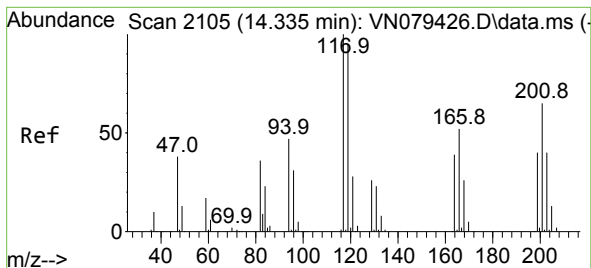
Tgt Ion:146 Resp: 3140
Ion Ratio Lower Upper
146 100
111 527.0 20.6 61.8#
148 101.0 31.6 94.8#



#89
n-Butylbenzene
Concen: 68.719 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 91 Resp: 865112
Ion Ratio Lower Upper
91 100
92 48.5 26.4 79.0
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 55.155 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

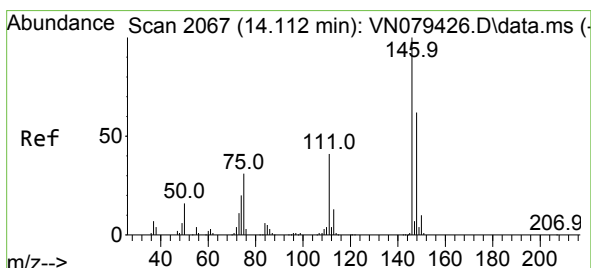
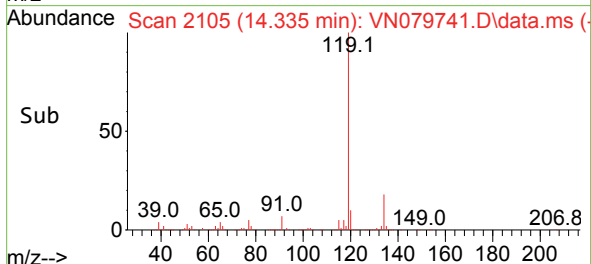
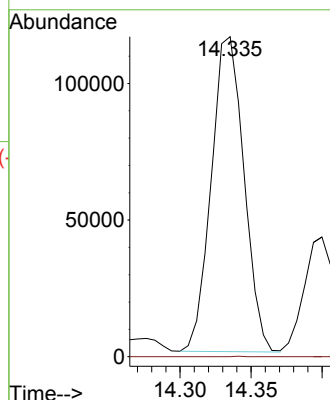
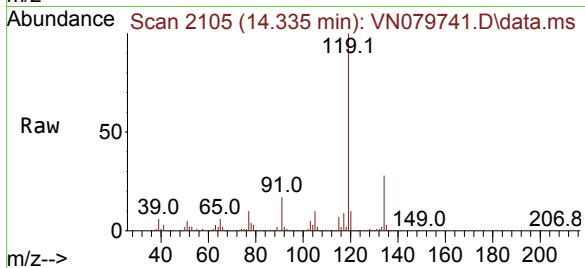
ClientSampleId :

Tgt Ion:117 Resp: 184659

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.318 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

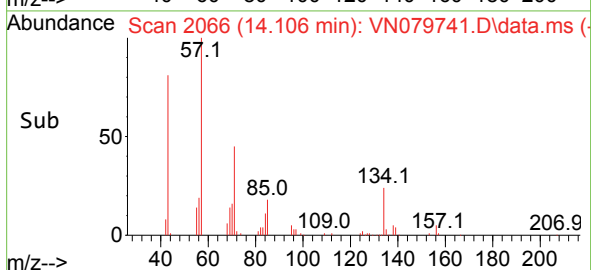
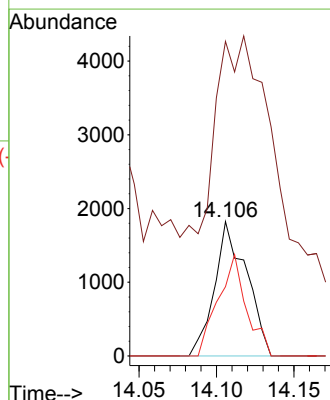
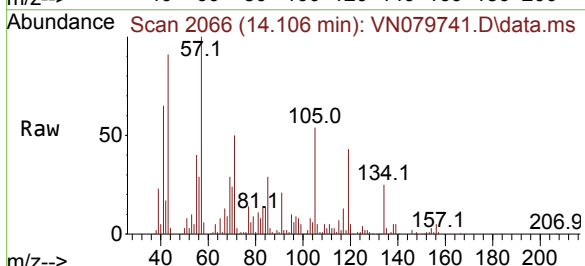
Tgt Ion:146 Resp: 2624

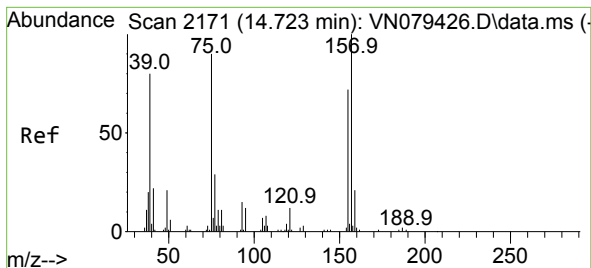
Ion Ratio Lower Upper

146 100

111 318.6 22.0 66.0#

148 66.6 31.8 95.3

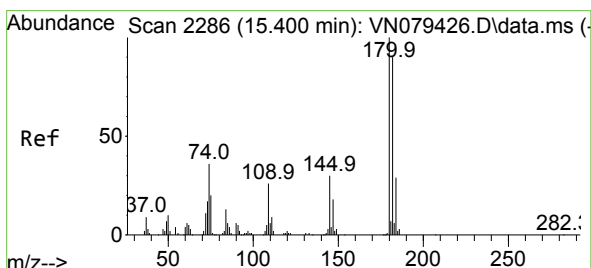
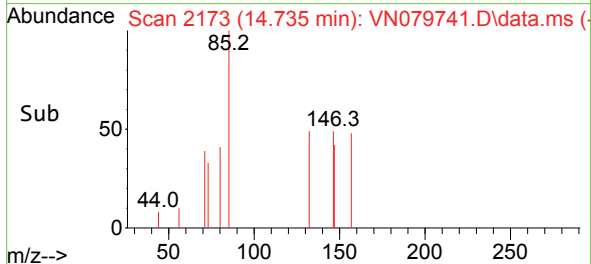
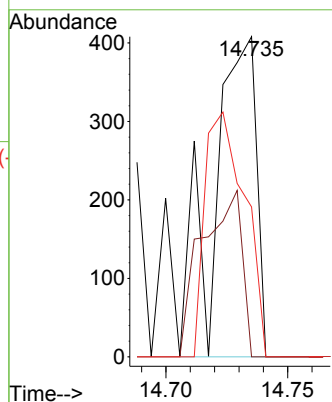
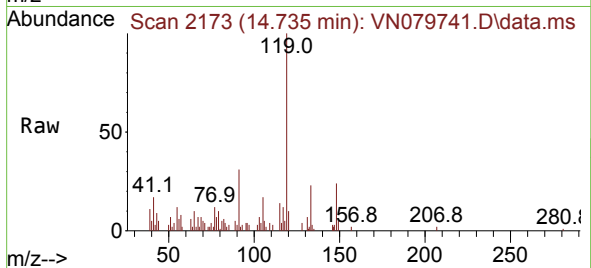




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.426 ug/l
 RT: 14.735 min Scan# 2173
 Delta R.T. 0.012 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

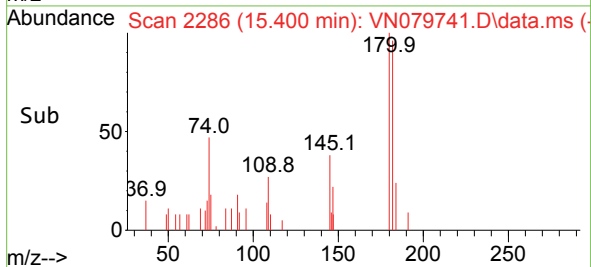
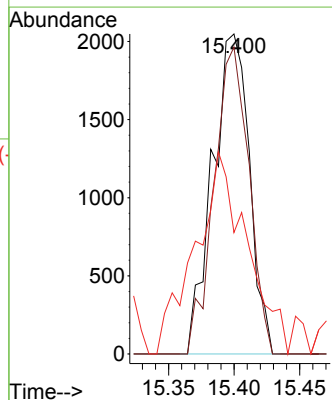
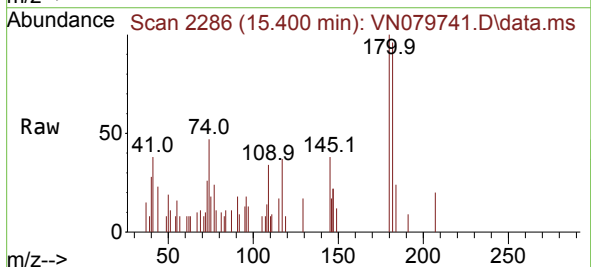
Instrument :
 MSVOA_N
 ClientSampleId :

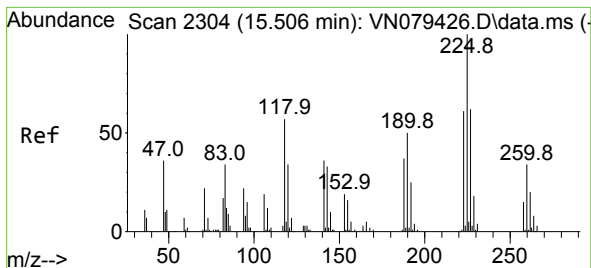
Tgt Ion: 75 Resp: 496
 Ion Ratio Lower Upper
 75 100
 155 49.0 39.1 117.2
 157 71.8 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.624 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

Tgt Ion: 180 Resp: 4000
 Ion Ratio Lower Upper
 180 100
 182 91.0 46.1 138.2
 145 88.5 16.6 49.8#





#94

Hexachlorobutadiene

Concen: 0.985 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

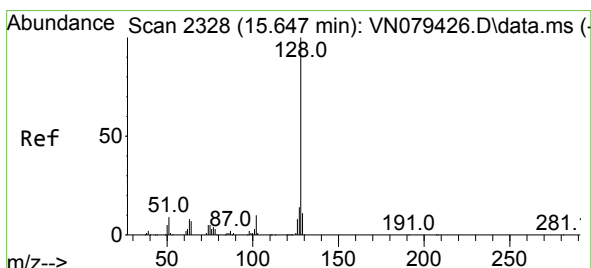
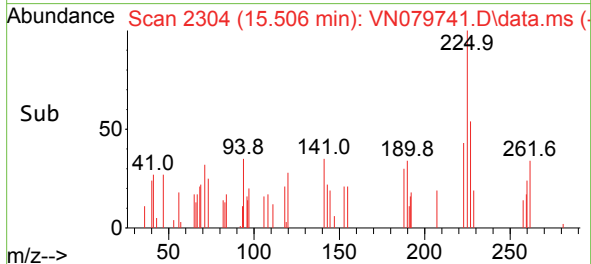
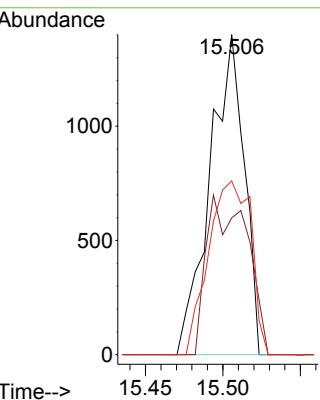
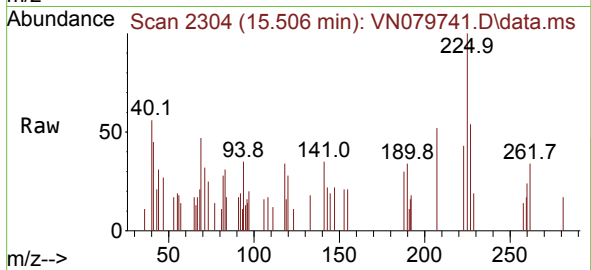
Tgt Ion:225 Resp: 2152

Ion Ratio Lower Upper

225 100

223 59.2 31.3 93.8

227 67.3 31.9 95.9



#95

Naphthalene

Concen: 22.814 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

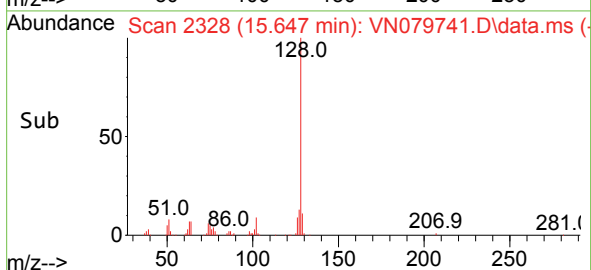
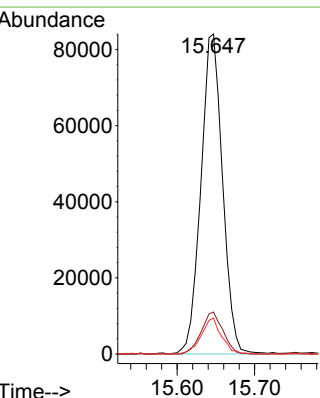
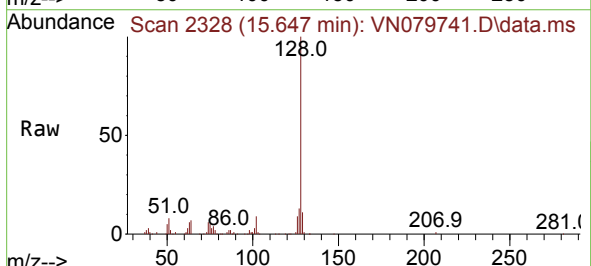
Tgt Ion:128 Resp: 163098

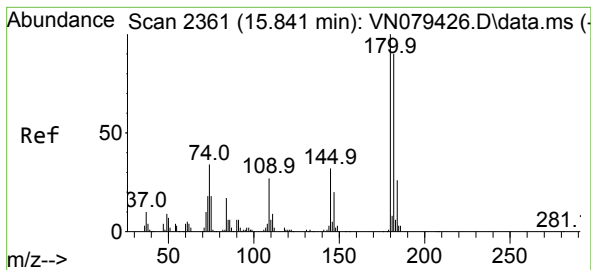
Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

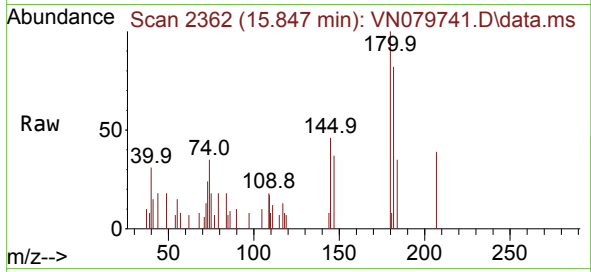
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.668 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	4586
Ion	Ratio	Lower	Upper
180	100		
182	89.4	46.2	138.6
145	49.8	17.5	52.6

