

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031054.D
 Acq On : 02 Sep 2022 09:57
 Operator : JC/MD
 Sample : VX0902MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:47:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

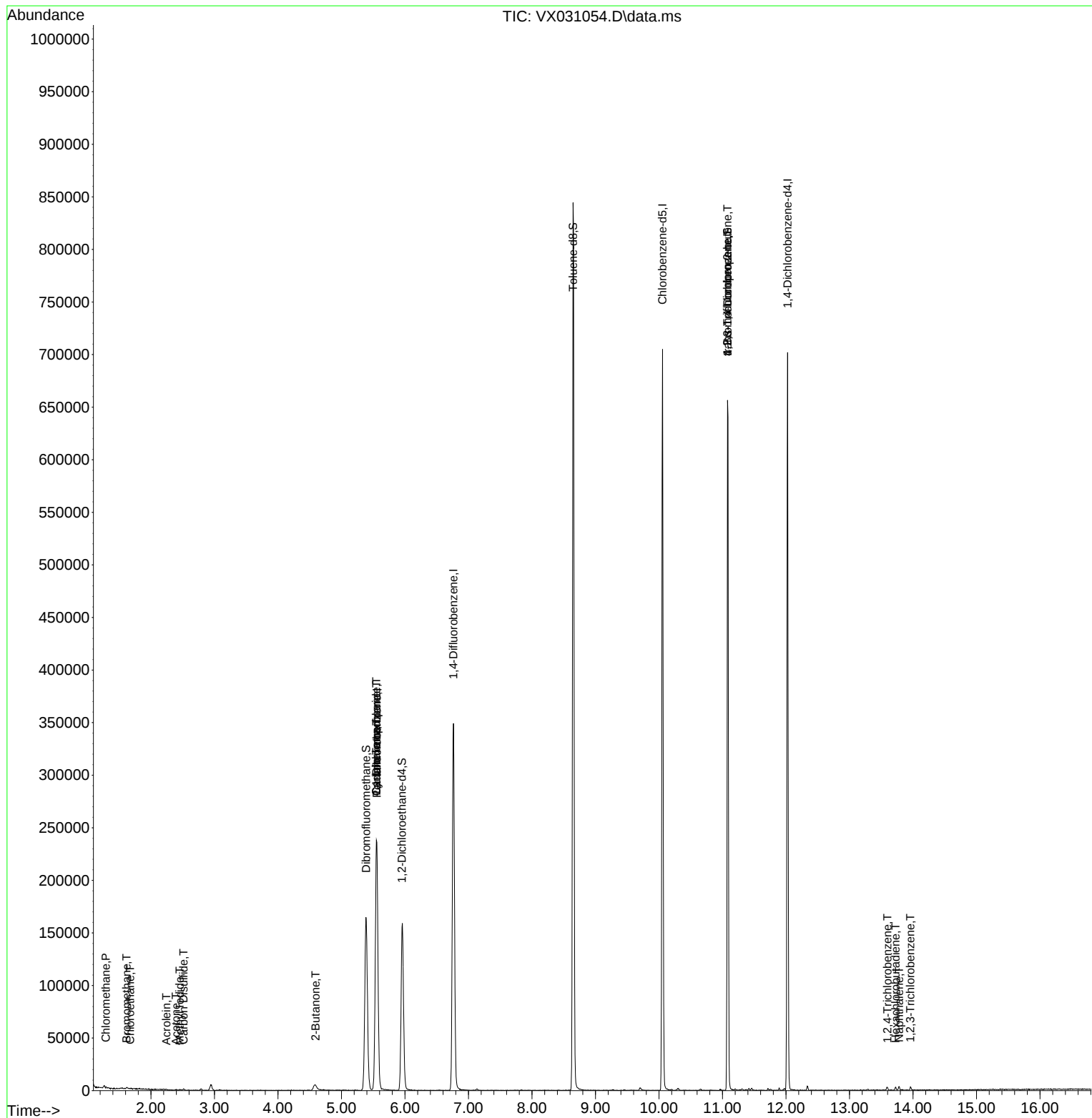
Internal Standards						
1) Pentafluorobenzene	5.556	168	250355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	390505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155608	48.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	5.385	113	150172	52.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.400%		
50) Toluene-d8	8.647	98	548120	52.261	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.520%		
62) 4-Bromofluorobenzene	11.079	95	186844	50.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.880%		
Target Compounds					Qvalue	
3) Chloromethane	1.289	50	344	0.838	ug/l #	42
5) Bromomethane	1.618	94	601	0.500	ug/l #	66
6) Chloroethane	1.673	64	145	1.811	ug/l #	41
10) Methyl Iodide	2.453	142	717	3.140	ug/l #	86
11) Tert butyl alcohol	2.941	59	3378	Below Cal	#	74
13) Acrolein	2.240	56	156	0.265	ug/l #	58
16) Acetone	2.392	43	579	0.466	ug/l #	40
17) Carbon Disulfide	2.514	76	1735	0.230	ug/l #	95
20) Methylene Chloride	2.788	84	674	Below Cal	#	60
25) 2-Butanone	4.593	43	488	0.254	ug/l #	48
31) Cyclohexane	5.550	56	3629	0.825	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	15999	4.008	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23064	5.566	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	83375	22.672	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	83375	71.253	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.597	180	1149	0.286	ug/l	87
94) Hexachlorobutadiene	13.725	225	578	0.328	ug/l	87
95) Naphthalene	13.780	128	2851	0.202	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	924	0.219	ug/l	87

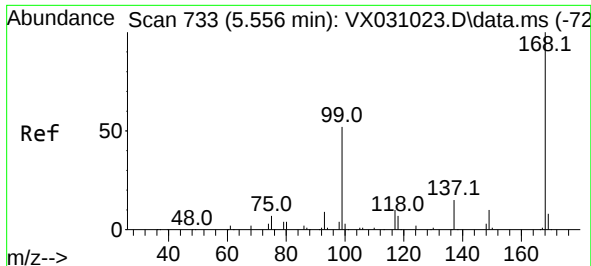
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Sep 03 00:47:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

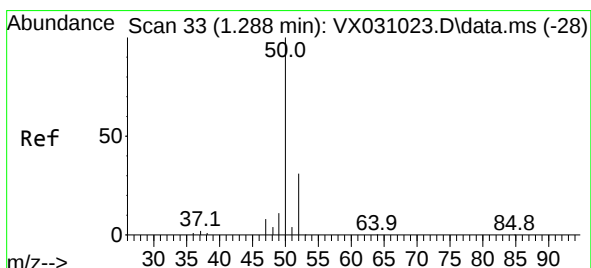
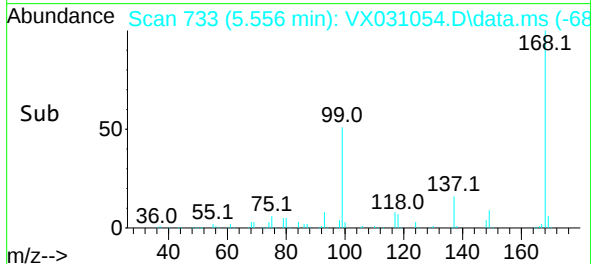
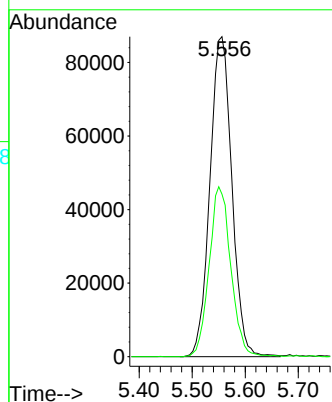
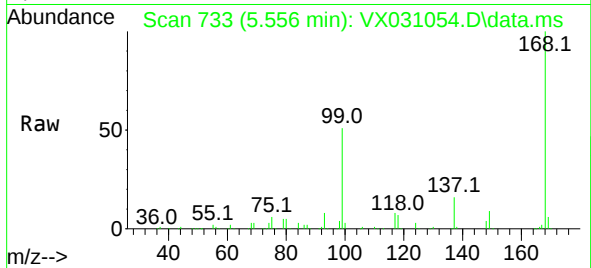




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

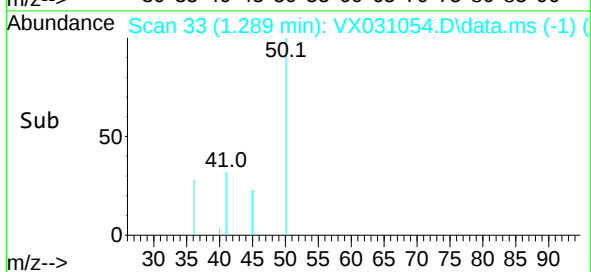
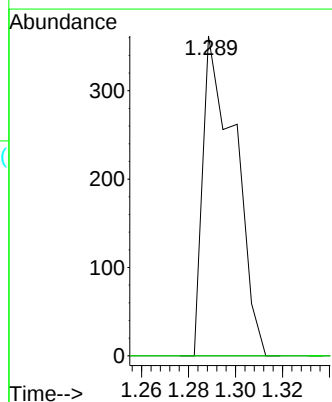
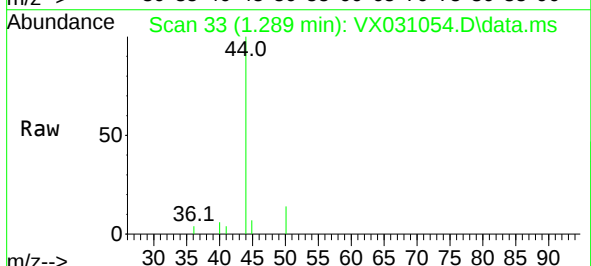
Instrument :
MSVOA_X
ClientSampleId :

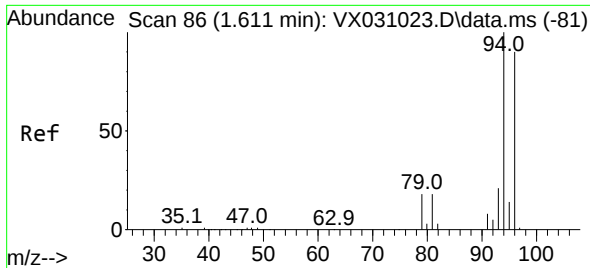
Tgt Ion:168 Resp: 250355
Ion Ratio Lower Upper
168 100
99 50.8 44.0 66.0



#3
Chloromethane
Concen: 0.838 ug/l
RT: 1.289 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

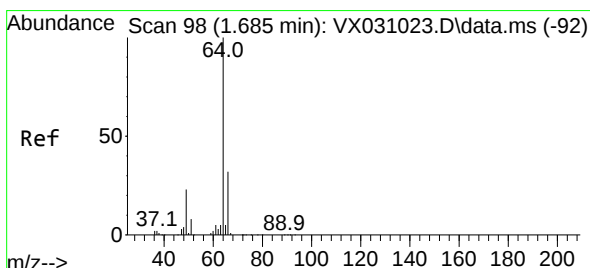
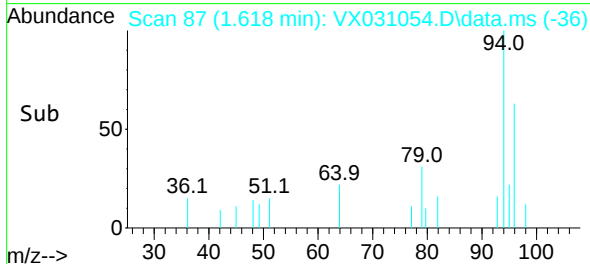
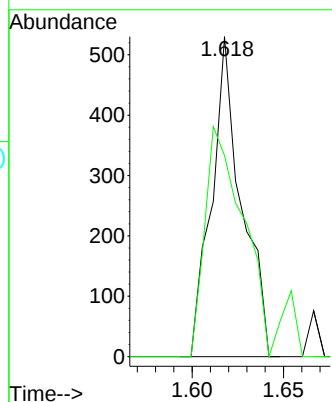
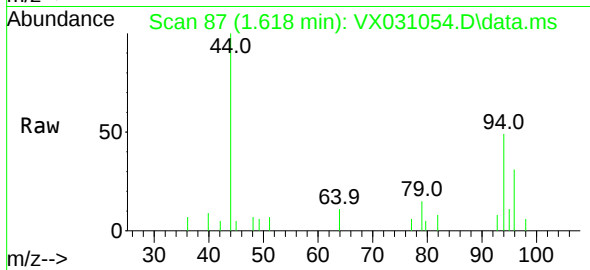




#5
Bromomethane
Concen: 0.500 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

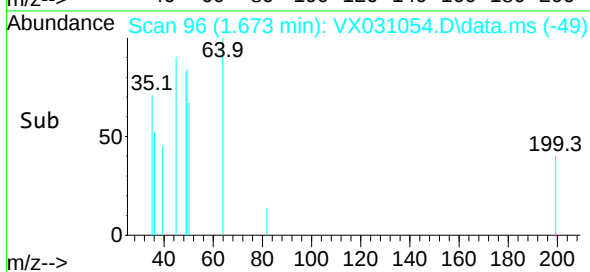
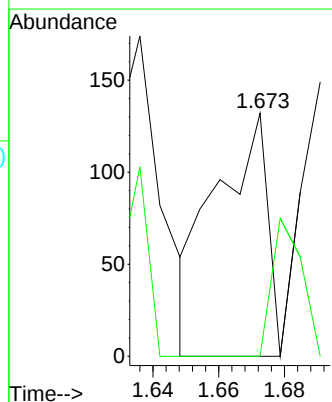
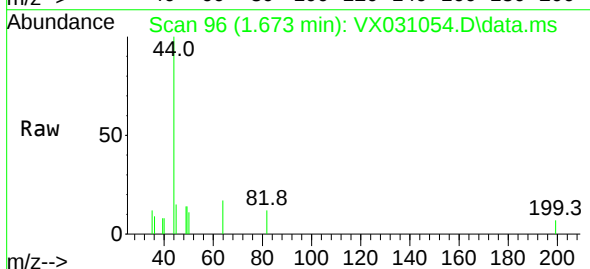
Instrument :
MSVOA_X
ClientSampleId :

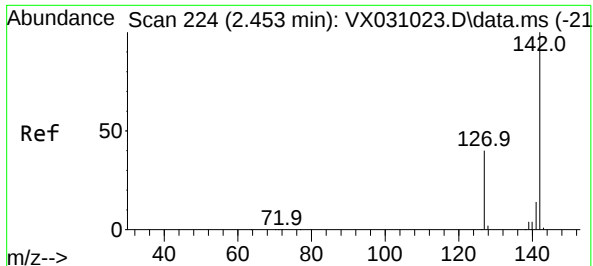
Tgt Ion: 94 Resp: 601
Ion Ratio Lower Upper
94 100
96 62.8 76.9 115.3#



#6
Chloroethane
Concen: 1.811 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

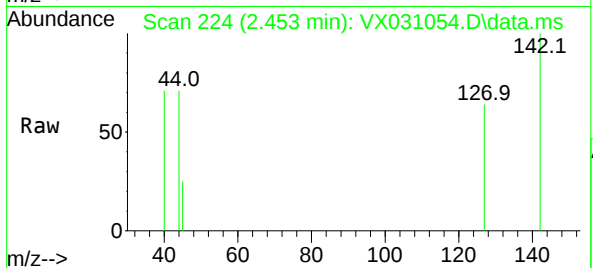
Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



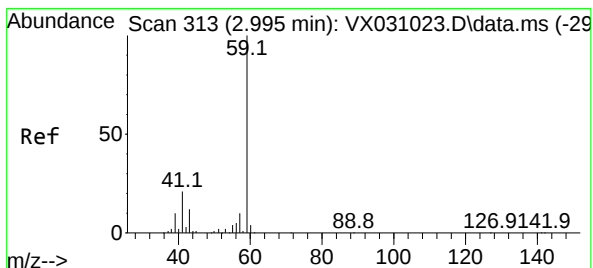
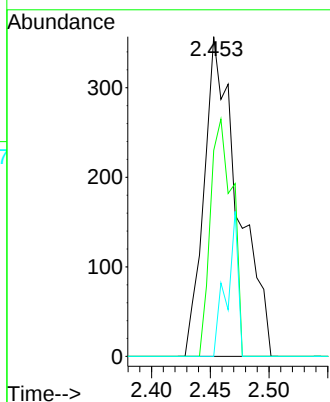
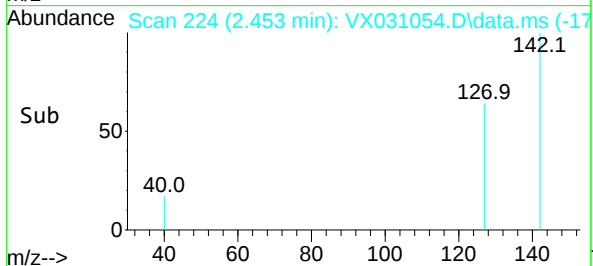


#10
Methyl Iodide
Concen: 3.140 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Instrument :
MSVOA_X
ClientSampleId :

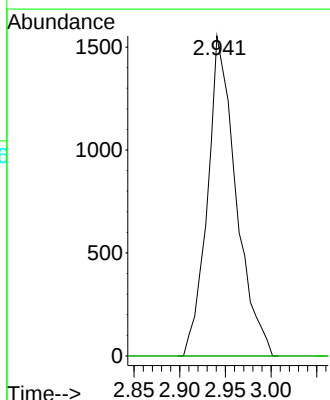
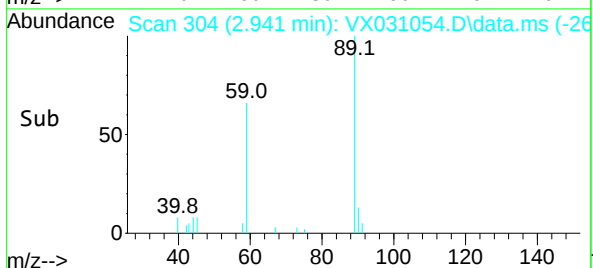
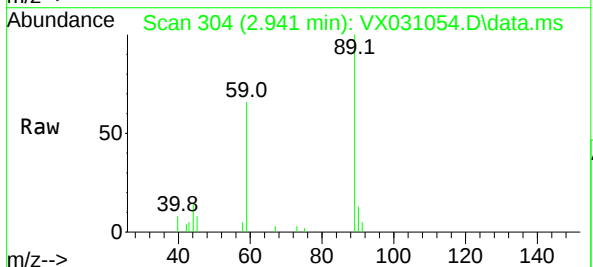


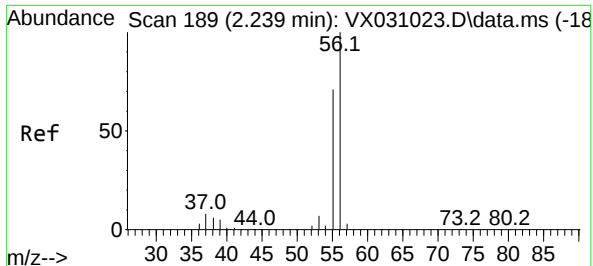
Tgt Ion:142 Resp: 717
Ion Ratio Lower Upper
142 100
127 48.4 30.2 45.2#
141 15.1 11.3 16.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

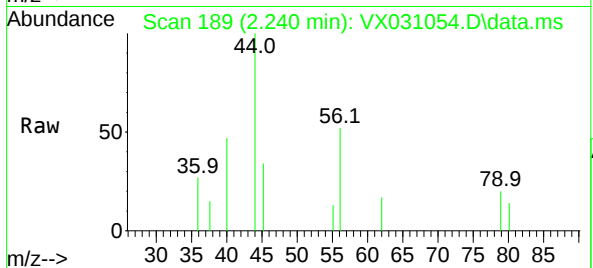
Tgt Ion: 59 Resp: 3378
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



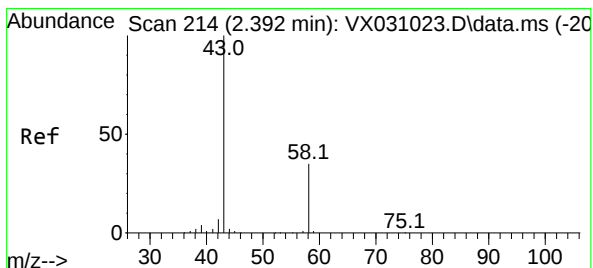
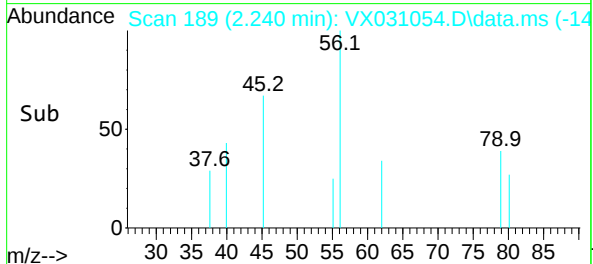
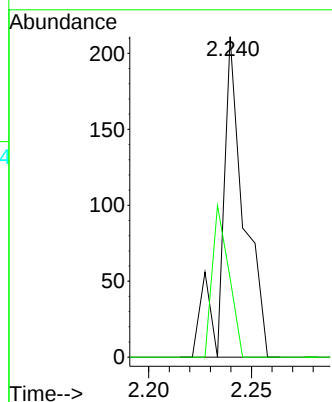


#13
Acrolein
Concen: 0.265 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Instrument :
MSVOA_X
ClientSampleId :

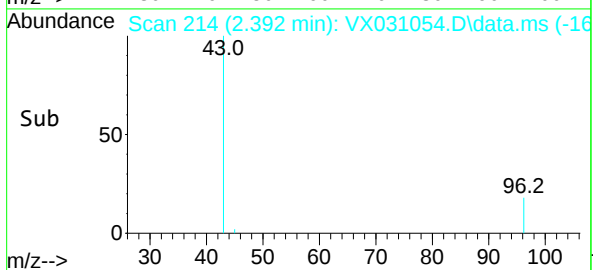
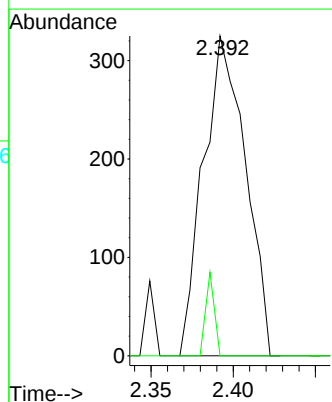
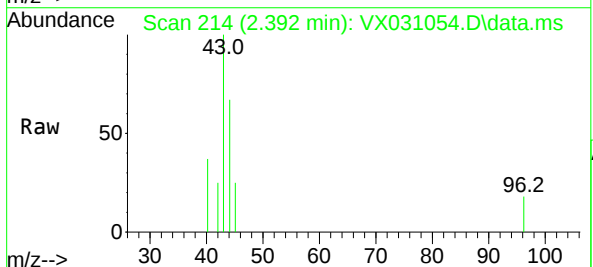


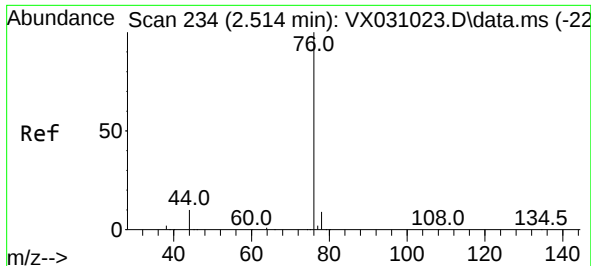
Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 35.9 56.6 84.8#



#16
Acetone
Concen: 0.466 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

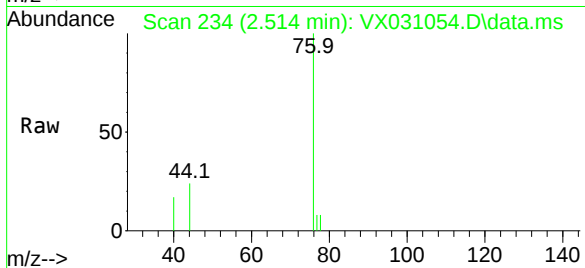
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



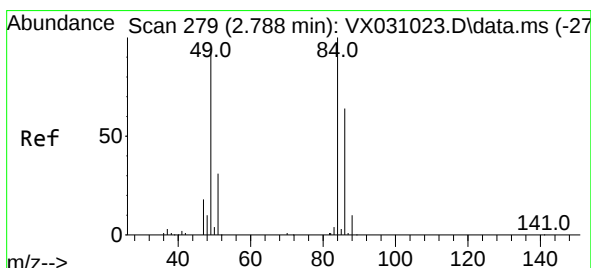
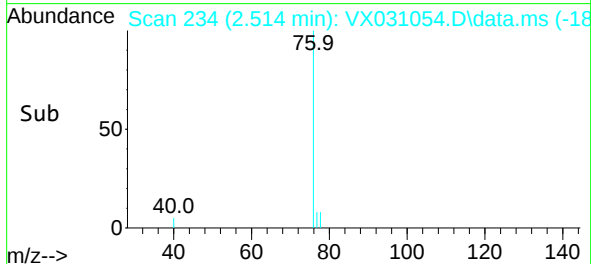
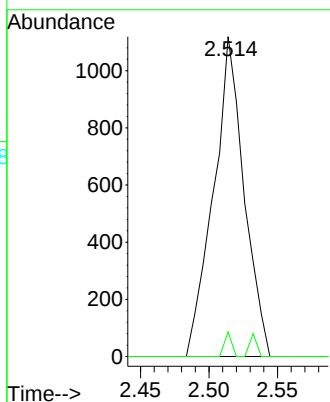


#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Instrument :
MSVOA_X
ClientSampleId :

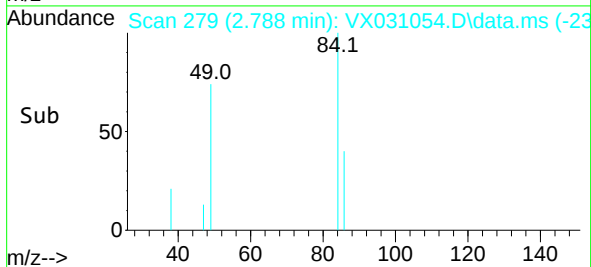
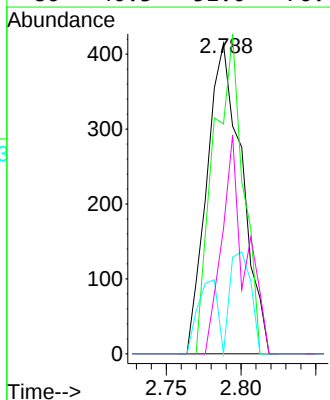
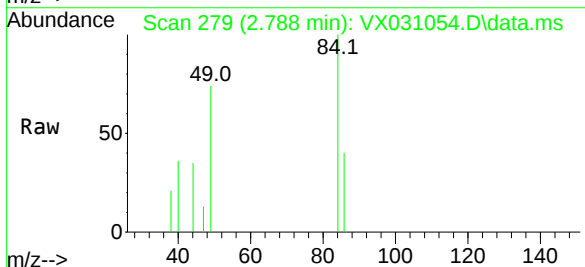


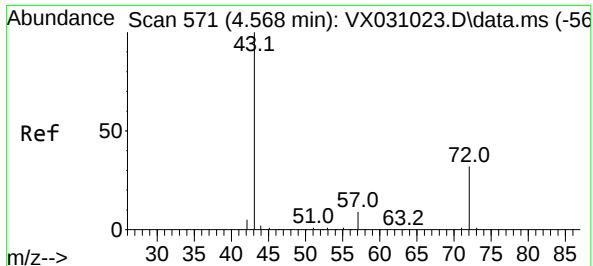
Tgt Ion: 76 Resp: 1735
Ion Ratio Lower Upper
76 100
78 7.7 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Tgt Ion: 84 Resp: 674
Ion Ratio Lower Upper
84 100
49 74.2 93.8 140.6#
51 0.0 29.4 44.0#
86 40.3 51.0 76.4#

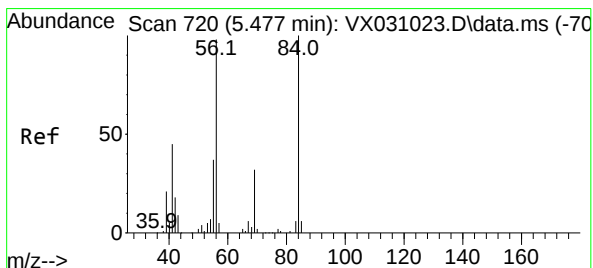
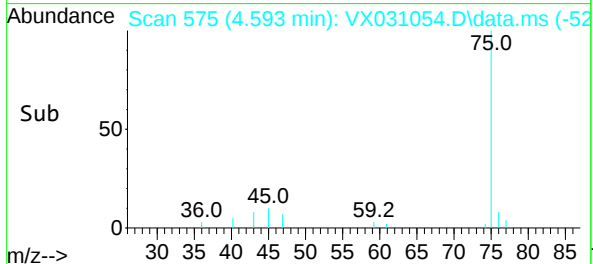
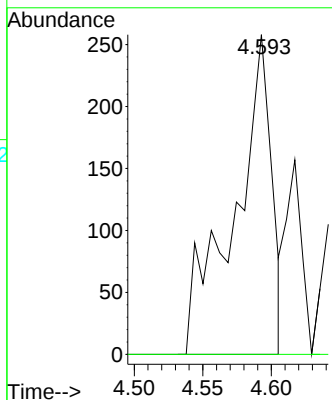
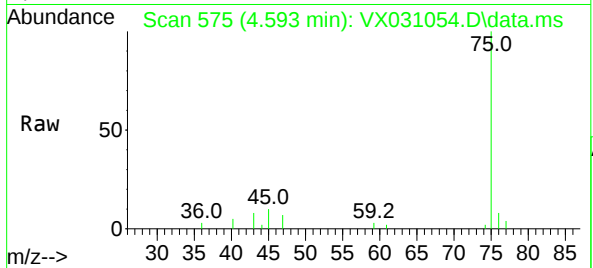




#25
2-Butanone
Concen: 0.254 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

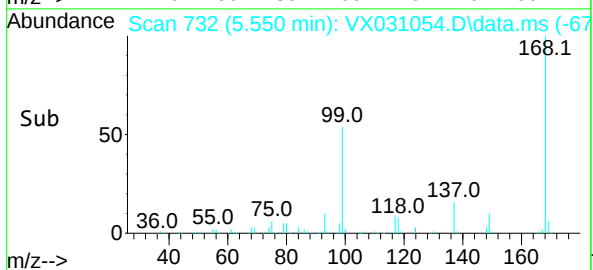
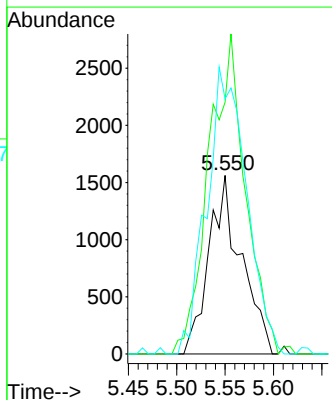
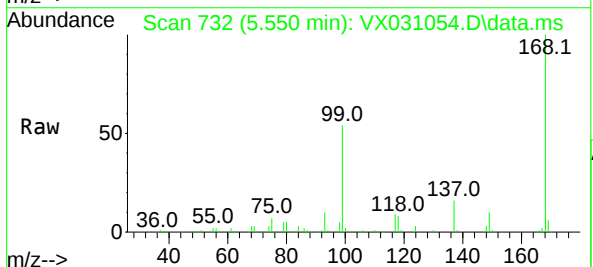
Instrument :
MSVOA_X
ClientSampleId :

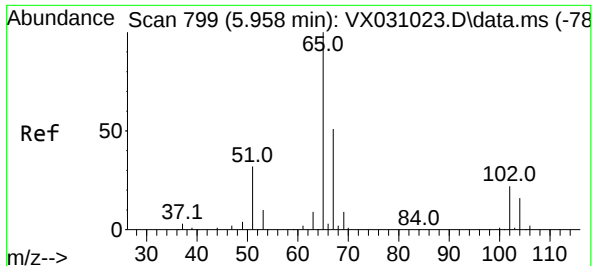
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 0.825 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Tgt Ion: 56 Resp: 3629
Ion Ratio Lower Upper
56 100
69 140.9 25.4 38.0#
84 142.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.306 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031054.D

Acq: 02 Sep 2022 09:57

Instrument :

MSVOA_X

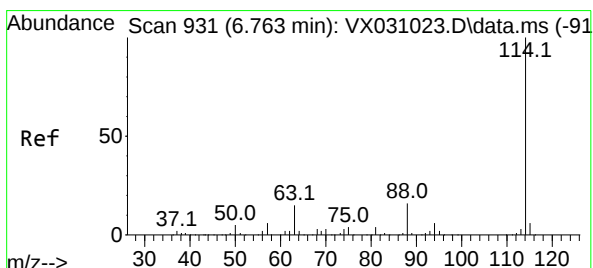
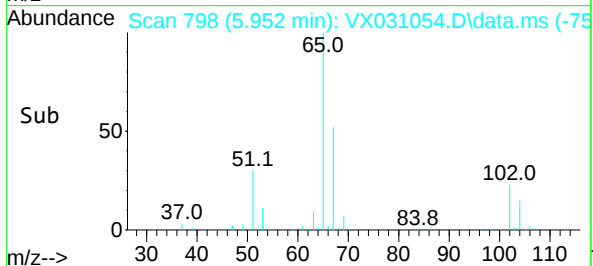
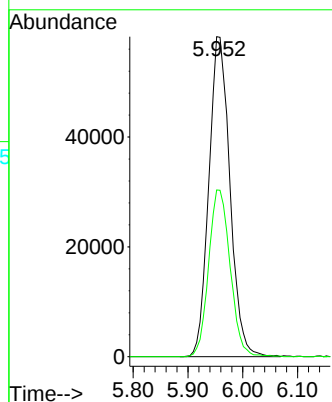
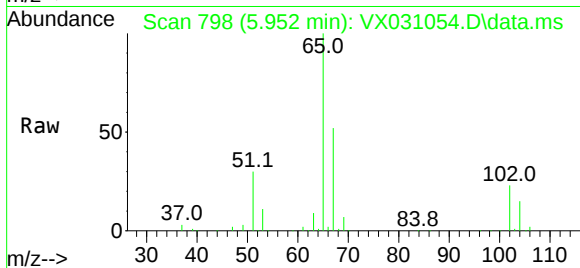
ClientSampleId :

Tgt Ion: 65 Resp: 155608

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031054.D

Acq: 02 Sep 2022 09:57

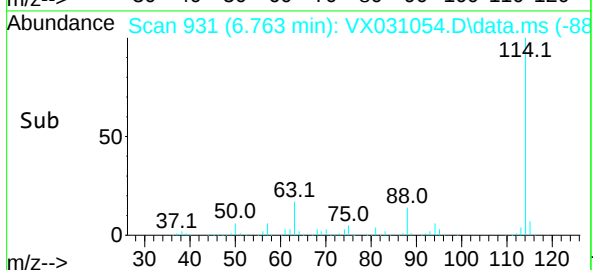
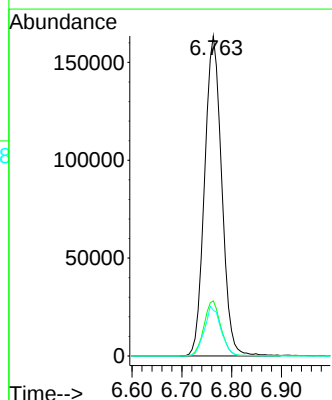
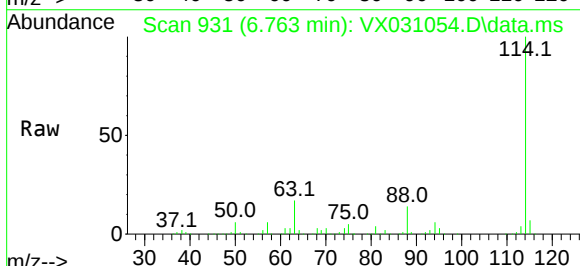
Tgt Ion: 114 Resp: 390505

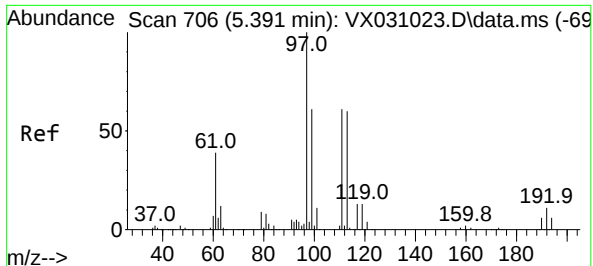
Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.696 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

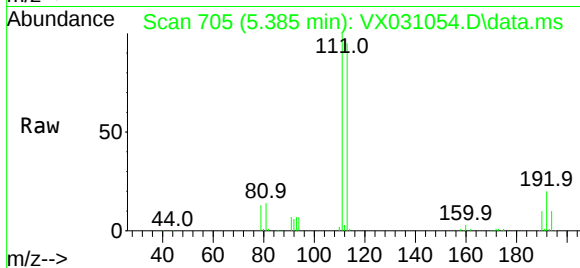
Lab File: VX031054.D

Acq: 02 Sep 2022 09:57

Instrument :

MSVOA_X

ClientSampleId :



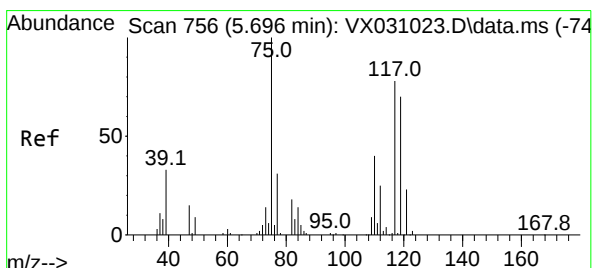
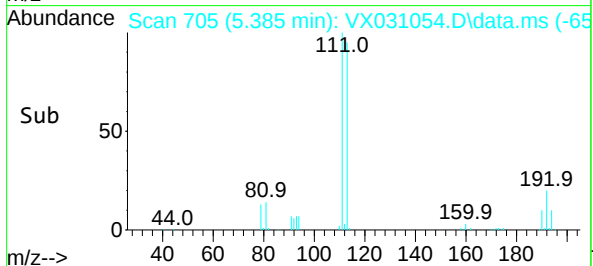
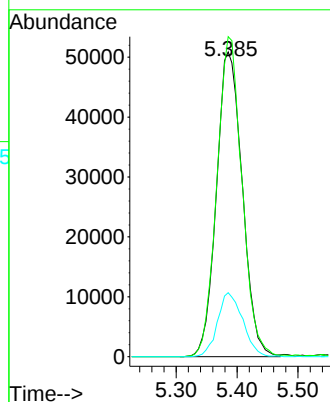
Tgt Ion:113 Resp: 150172

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 20.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.008 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031054.D

Acq: 02 Sep 2022 09:57

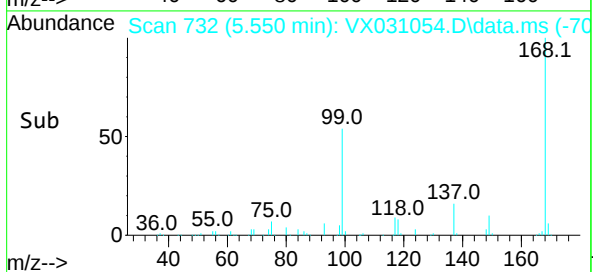
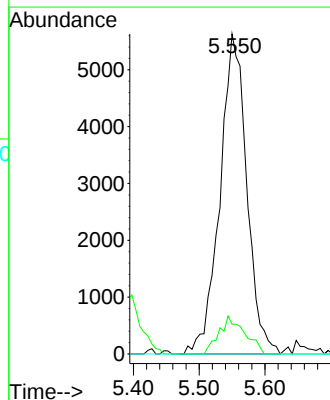
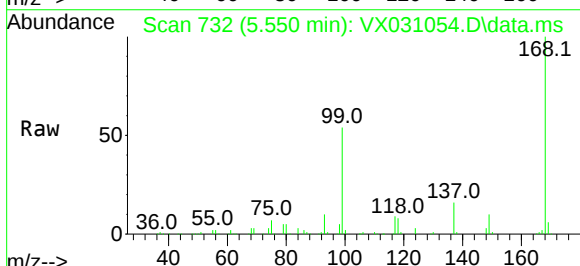
Tgt Ion: 75 Resp: 15999

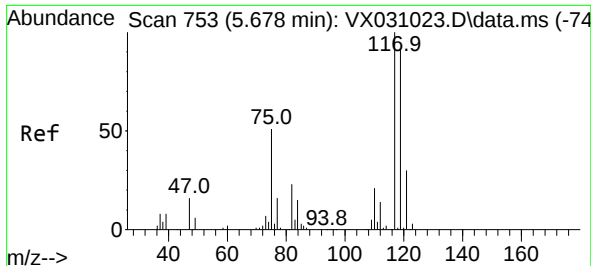
Ion Ratio Lower Upper

75 100

110 11.3 19.3 57.9#

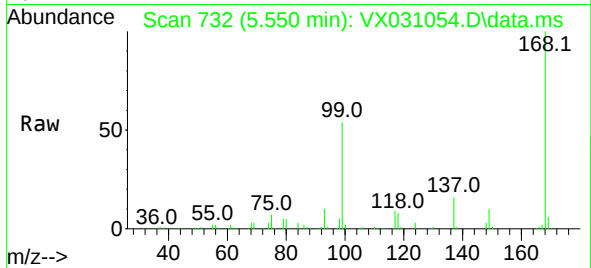
77 0.0 24.4 36.6#



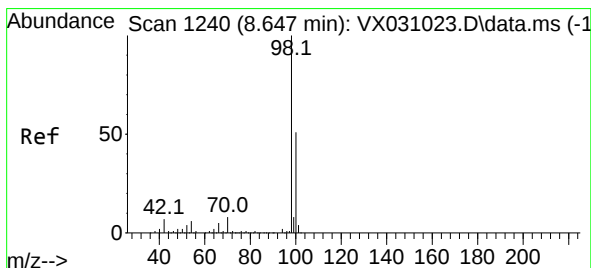
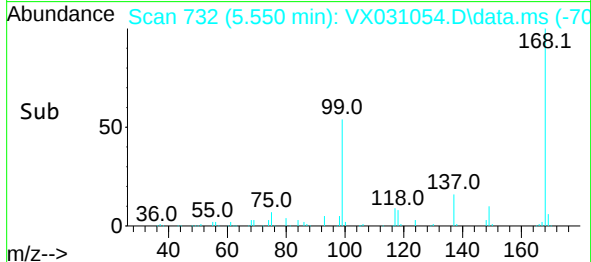
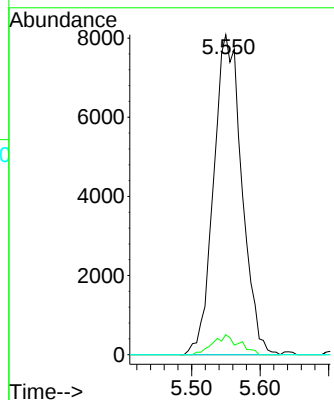


#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Instrument :
MSVOA_X
ClientSampleId :

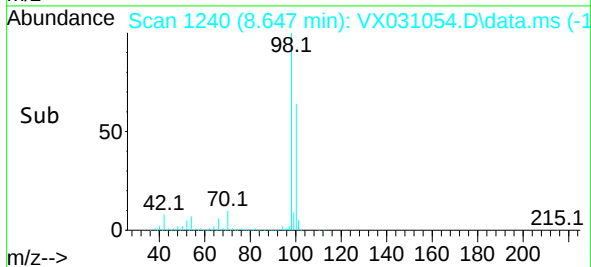
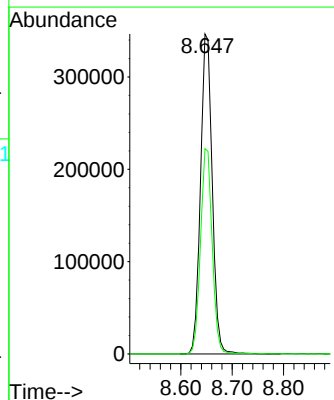
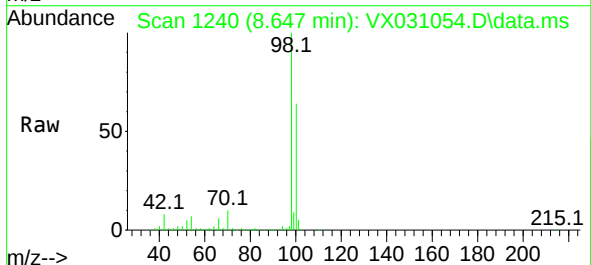


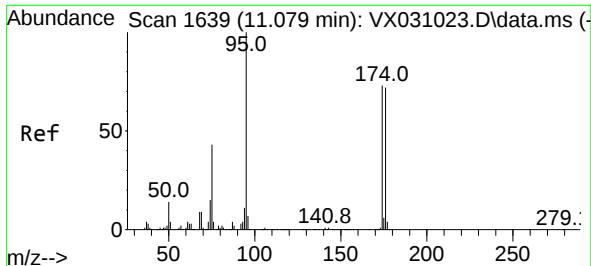
Tgt Ion:117 Resp: 23064
Ion Ratio Lower Upper
117 100
119 6.3 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

Tgt Ion: 98 Resp: 548120
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 50.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031054.D

Acq: 02 Sep 2022 09:57

Instrument :

MSVOA_X

ClientSampleId :

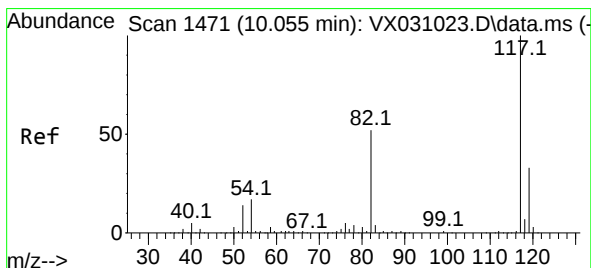
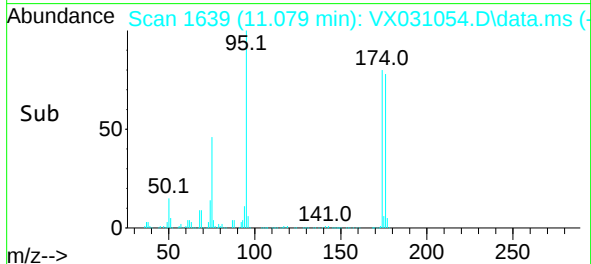
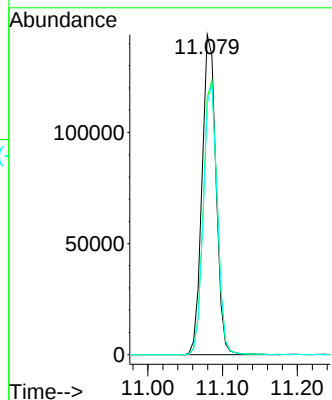
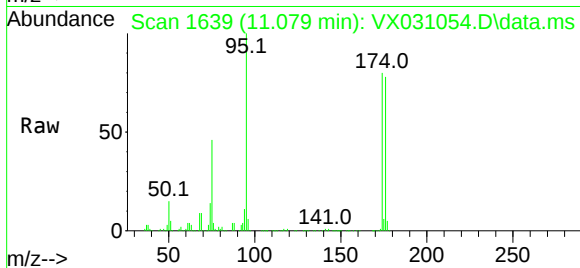
Tgt Ion: 95 Resp: 186844

Ion Ratio Lower Upper

95 100

174 85.8 0.0 149.0

176 84.4 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031054.D

Acq: 02 Sep 2022 09:57

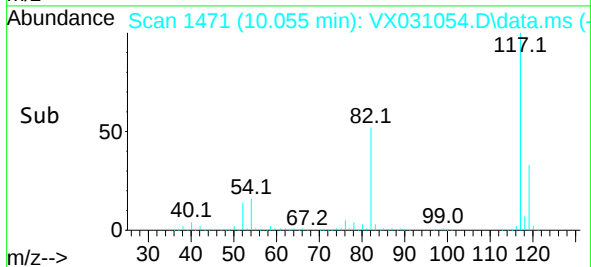
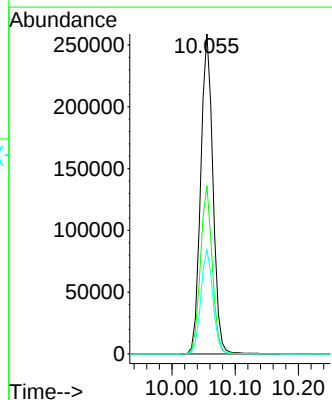
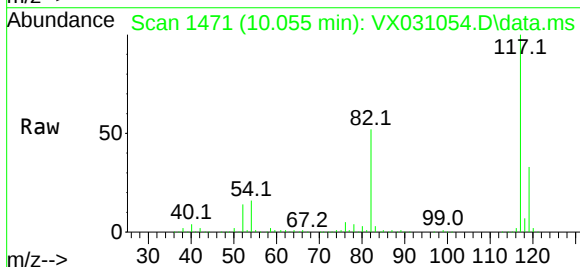
Tgt Ion: 117 Resp: 348966

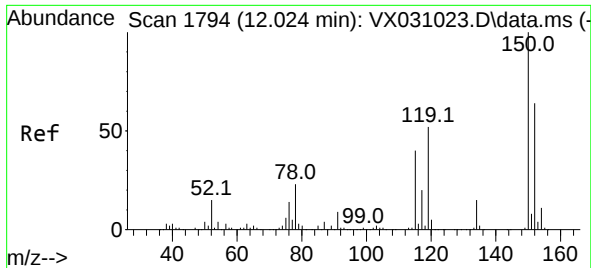
Ion Ratio Lower Upper

117 100

82 52.5 42.7 64.1

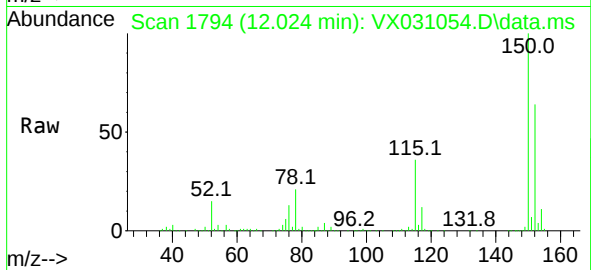
119 32.5 25.4 38.2



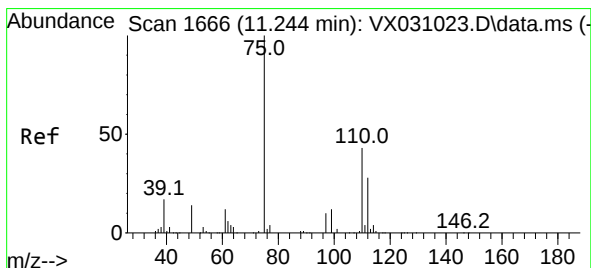
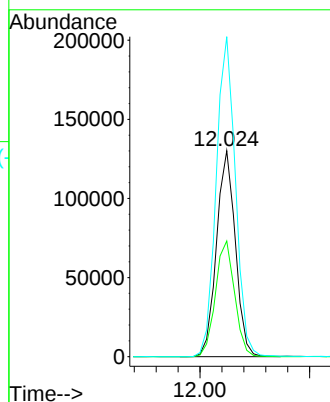
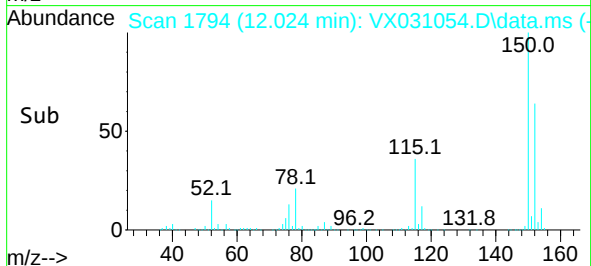


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031054.D
 Acq: 02 Sep 2022 09:57

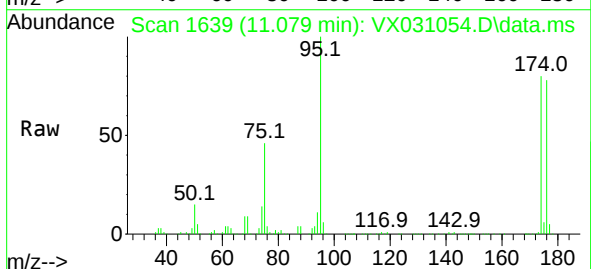
Instrument :
 MSVOA_X
 ClientSampleId :



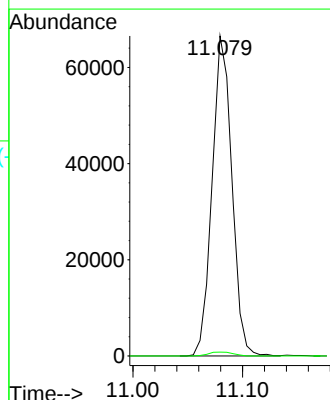
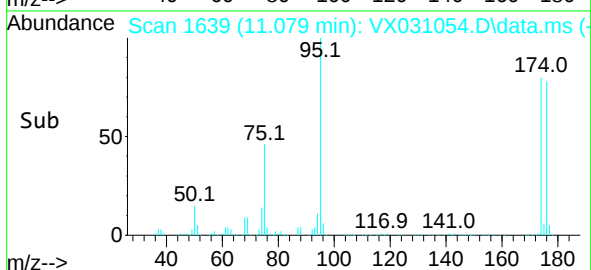
Tgt Ion:152 Resp: 155563
 Ion Ratio Lower Upper
 152 100
 115 57.2 40.5 121.5
 150 158.8 0.0 347.0

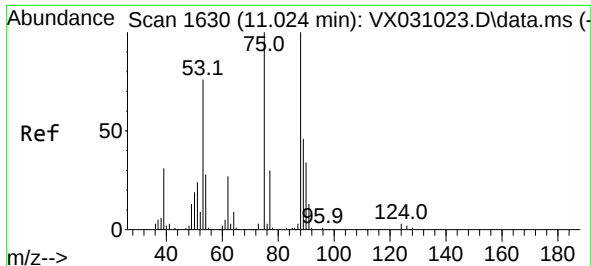


#76
 1,2,3-Trichloropropane
 Concen: 22.672 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031054.D
 Acq: 02 Sep 2022 09:57



Tgt Ion: 75 Resp: 83375
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.8 59.3#

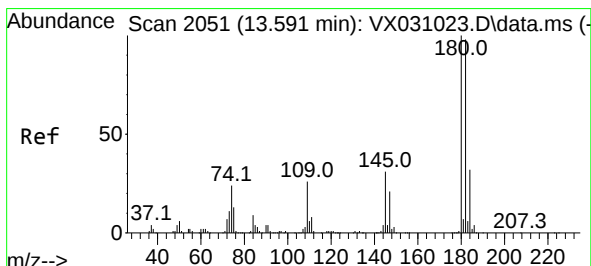
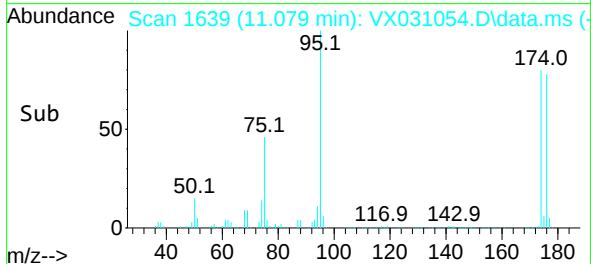
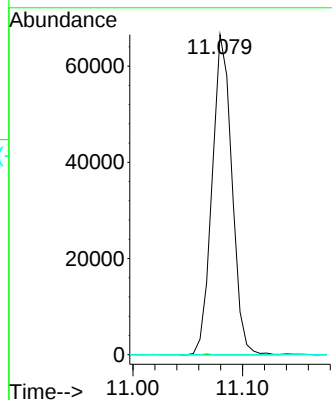
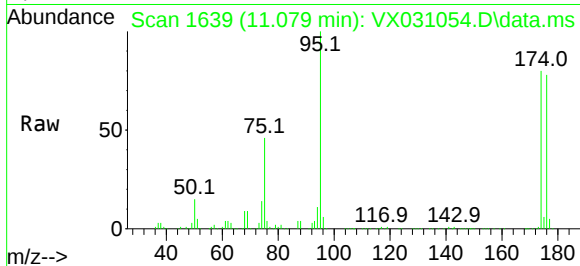




#81
trans-1,4-Dichloro-2-butene
Concen: 71.253 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

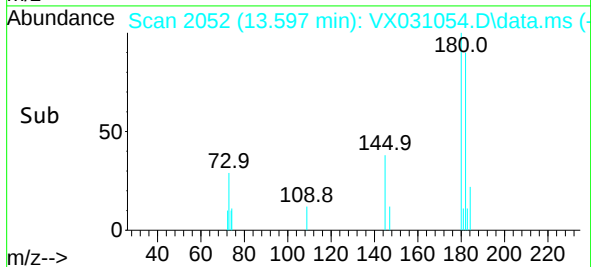
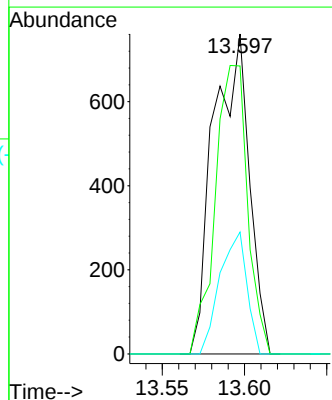
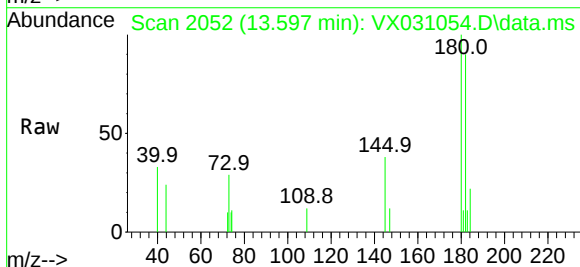
Instrument :
MSVOA_X
ClientSampleId :

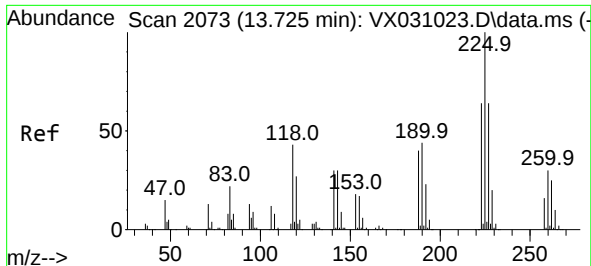
Tgt Ion: 75 Resp: 83375
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.286 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

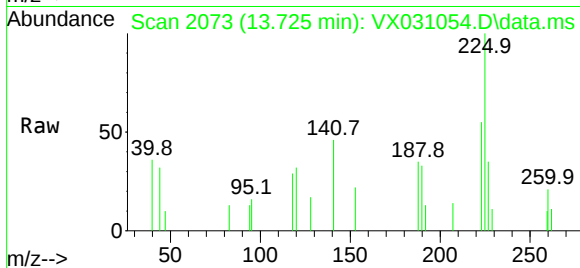
Tgt Ion:180 Resp: 1149
Ion Ratio Lower Upper
180 100
182 81.4 48.2 144.6
145 28.7 15.9 47.6



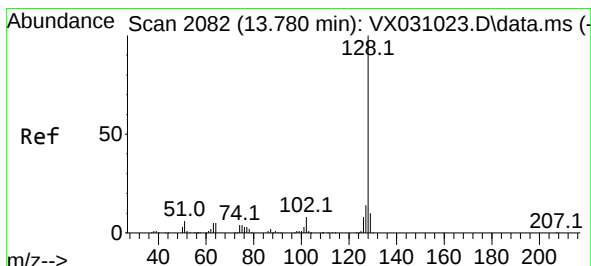
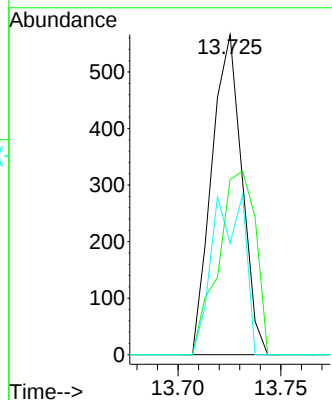
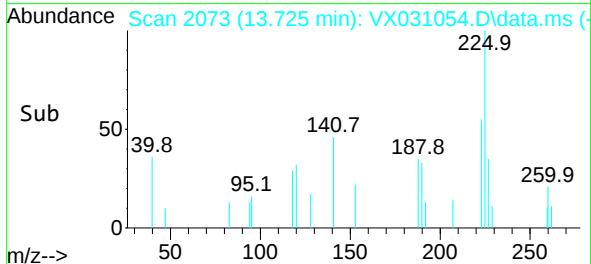


#94
Hexachlorobutadiene
Concen: 0.328 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57

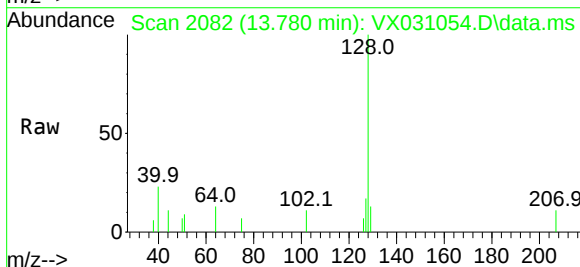
Instrument :
MSVOA_X
ClientSampleId :



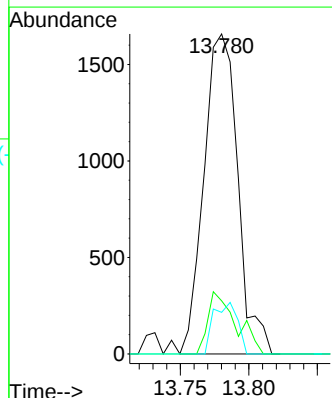
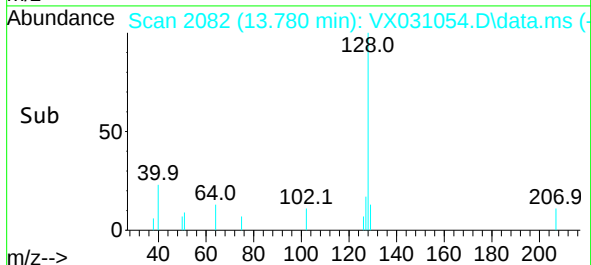
Tgt Ion:	225	Resp:	578
Ion	Ratio	Lower	Upper
225	100		
223	70.8	30.6	91.6
227	53.5	31.9	95.9

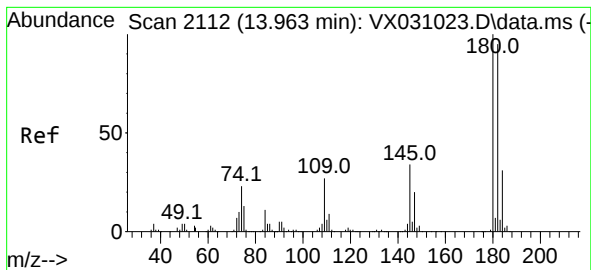


#95
Naphthalene
Concen: 0.202 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031054.D
Acq: 02 Sep 2022 09:57



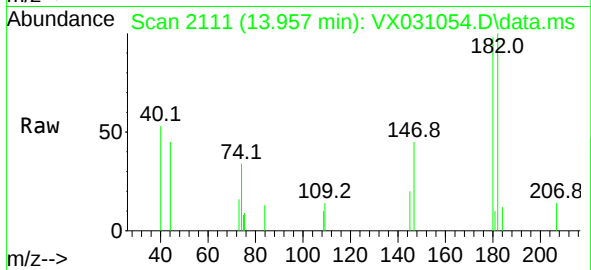
Tgt Ion:	128	Resp:	2851
Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.2	15.2#
129	11.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.219 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX031054.D
 Acq: 02 Sep 2022 09:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	924
Ion	Ratio	Lower	Upper
180	100		
182	109.7	47.0	141.0
145	32.6	17.0	50.9

