

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035098.D
 Acq On : 17 Apr 2023 10:47
 Operator : JC/MD
 Sample : VX0417MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBL01

Quant Time: Apr 18 05:50:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

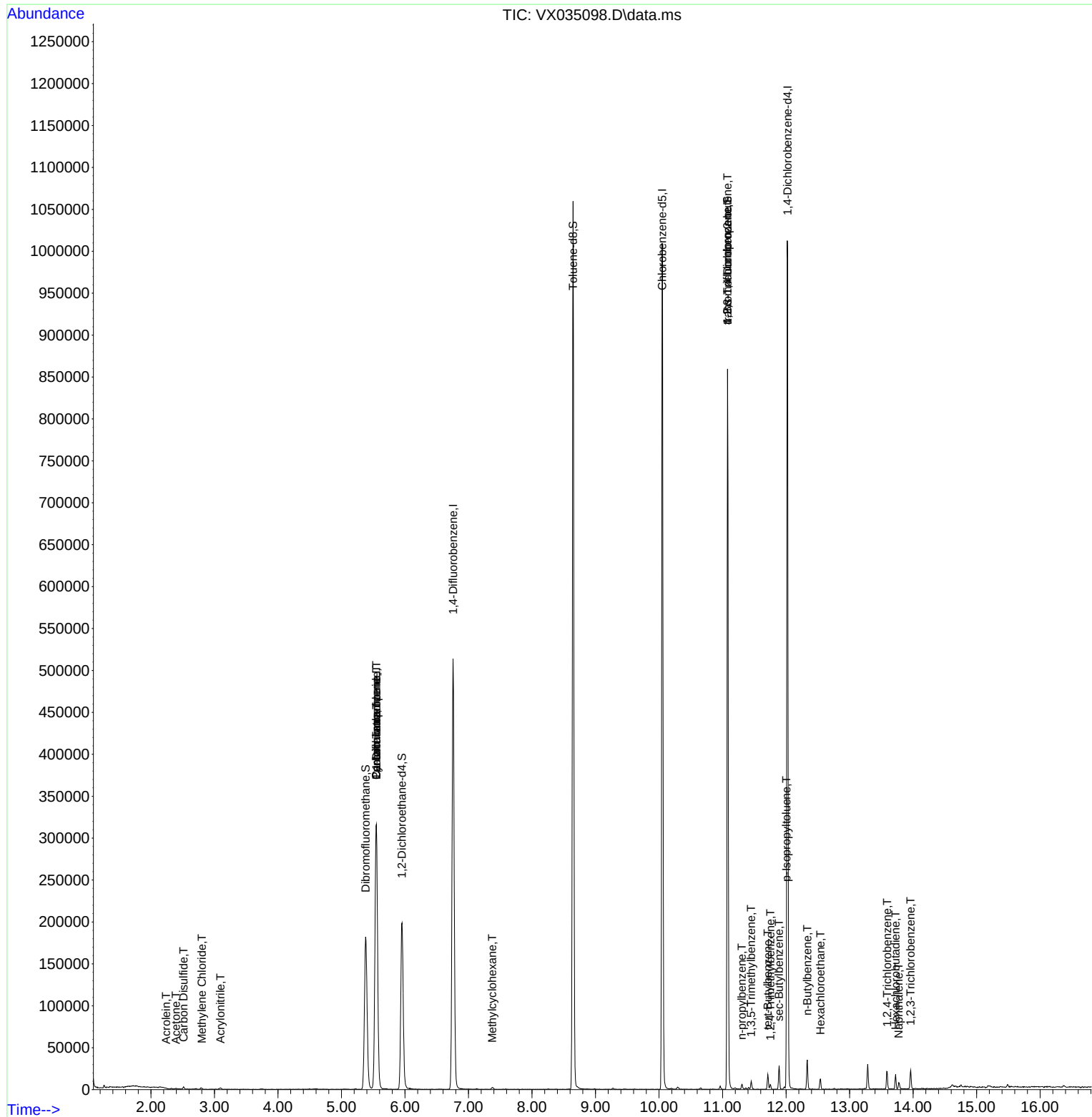
Internal Standards						
1) Pentafluorobenzene	5.550	168	310997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	521786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	470373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	196931	41.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.800%		
35) Dibromofluoromethane	5.379	113	161228	46.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.440%		
50) Toluene-d8	8.647	98	616842	48.423	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.840%		
62) 4-Bromofluorobenzene	11.079	95	235191	47.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.420%		
Target Compounds						Qvalue
13) Acrolein	2.239	56	332	0.386	ug/l #	51
15) Acrylonitrile	3.093	53	694	0.369	ug/l #	34
16) Acetone	2.392	43	1125	0.582	ug/l #	79
17) Carbon Disulfide	2.514	76	3162	0.395	ug/l	99
20) Methylene Chloride	2.800	84	904	0.237	ug/l #	80
31) Cyclohexane	5.550	56	6646	1.148	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24186	4.730	ug/l #	50
38) Carbon Tetrachloride	5.550	117	31489	6.532	ug/l #	15
39) Methylcyclohexane	7.373	83	1133	0.209	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	117648	27.196	ug/l #	34
78) n-propylbenzene	11.305	91	4211	0.232	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3537	0.269	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	117648	81.504	ug/l #	8
83) tert-Butylbenzene	11.713	119	6912	0.560	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	2754	0.206	ug/l	98
85) sec-Butylbenzene	11.890	105	14818	0.986	ug/l	99
86) p-Isopropyltoluene	12.006	119	12388	0.989	ug/l	92
89) n-Butylbenzene	12.335	91	14459	1.321	ug/l	98
90) Hexachloroethane	12.542	117	1597	0.823	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	5381	1.339	ug/l	97
94) Hexachlorobutadiene	13.725	225	2007	1.135	ug/l	83
95) Naphthalene	13.774	128	6049	0.423	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	5391	1.330	ug/l	98

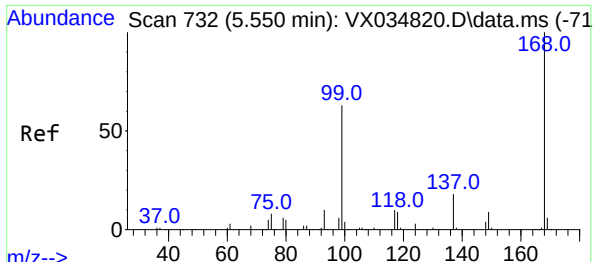
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
Data File : VX035098.D
Acq On : 17 Apr 2023 10:47
Operator : JC/MD
Sample : VX0417MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

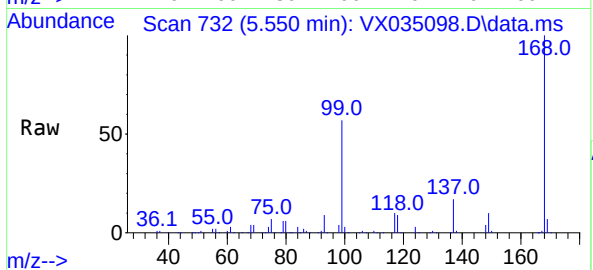
Quant Time: Apr 18 05:50:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



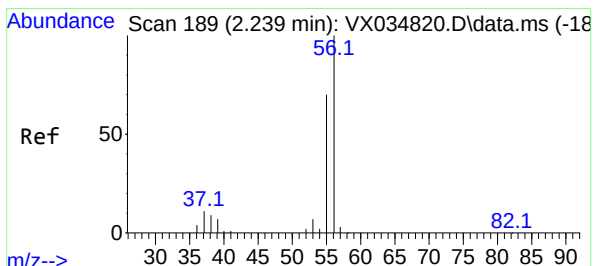
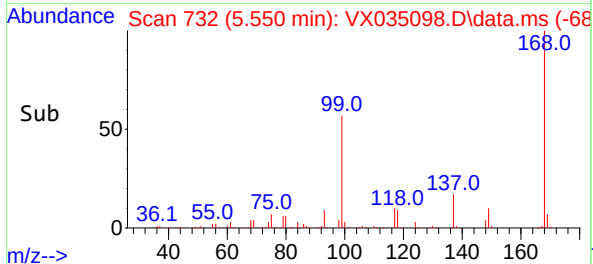
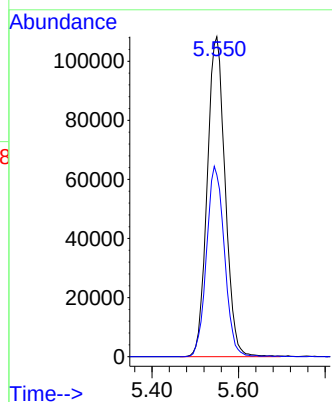


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

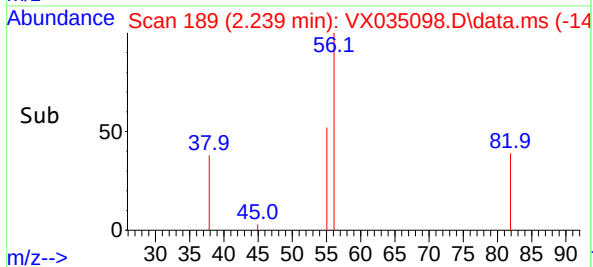
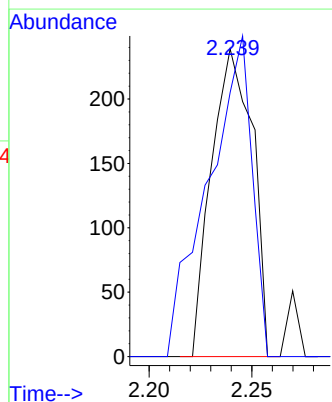
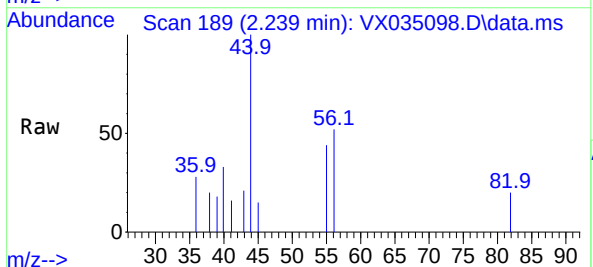


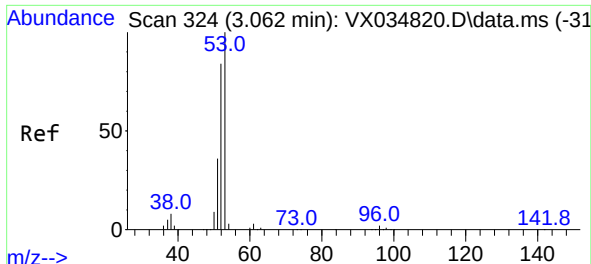
Tgt Ion:168 Resp: 310997
Ion Ratio Lower Upper
168 100
99 56.8 45.7 68.5



#13
Acrolein
Concen: 0.386 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 56 Resp: 332
Ion Ratio Lower Upper
56 100
55 110.8 56.6 85.0#

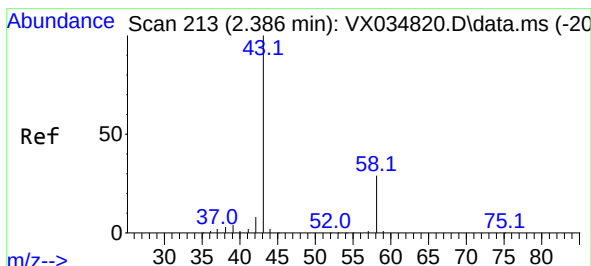
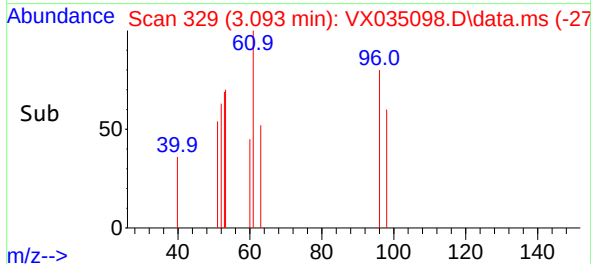
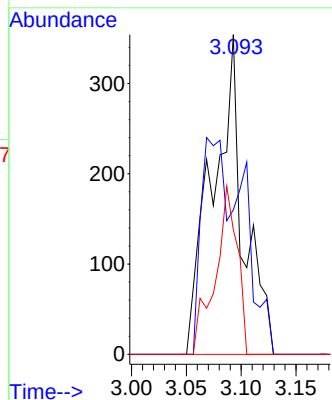
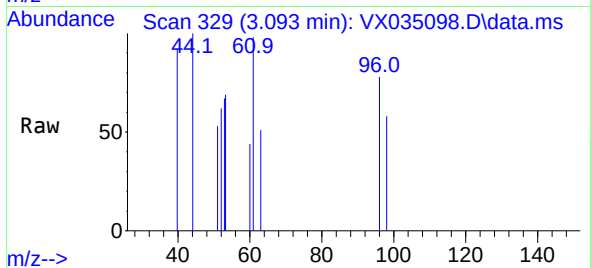




#15
Acrylonitrile
Concen: 0.369 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.030 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

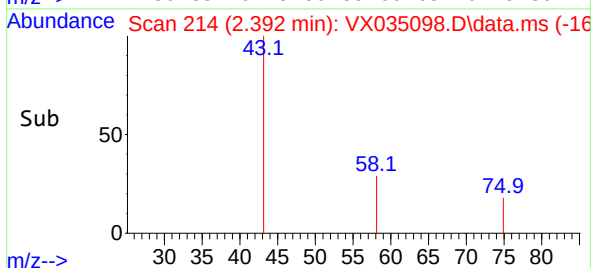
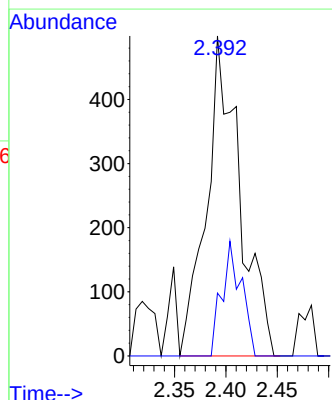
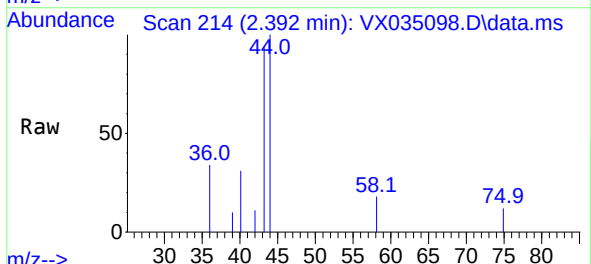
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

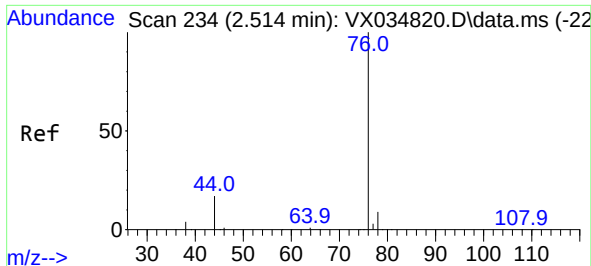
Tgt Ion: 53 Resp: 694
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 37.9 28.3 42.5



#16
Acetone
Concen: 0.582 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 19.6 24.7 37.1#

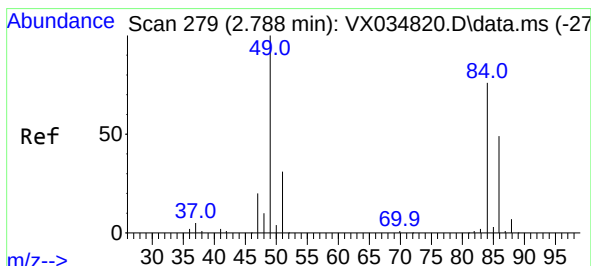
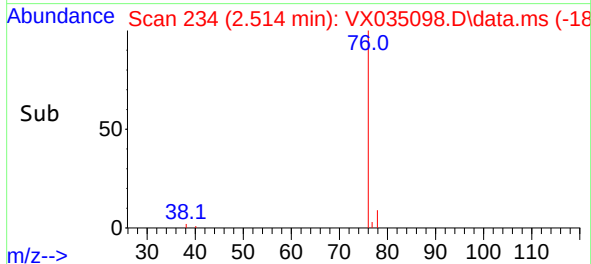
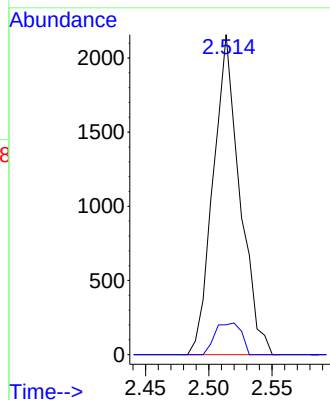
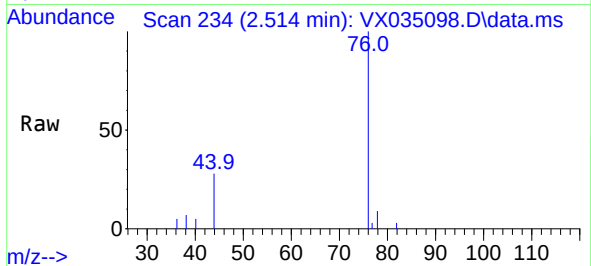




#17
Carbon Disulfide
Concen: 0.395 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

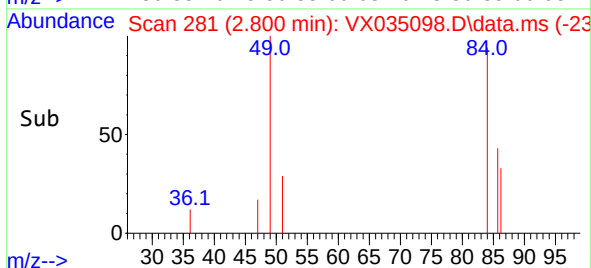
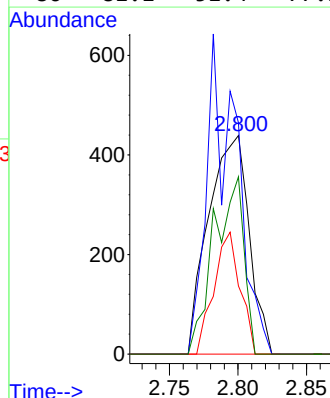
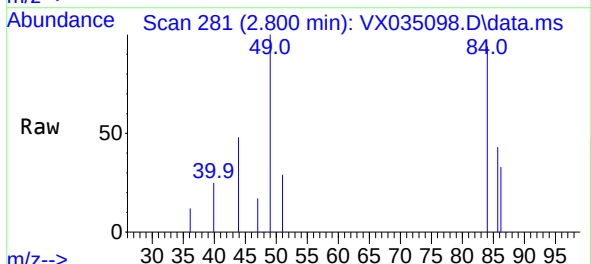
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

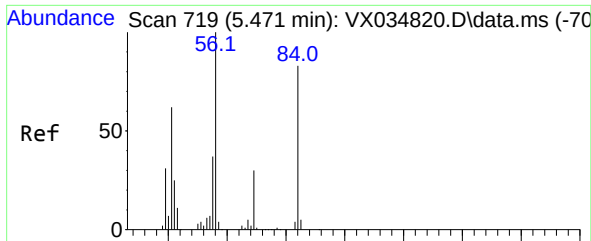
Tgt Ion: 76 Resp: 3162
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

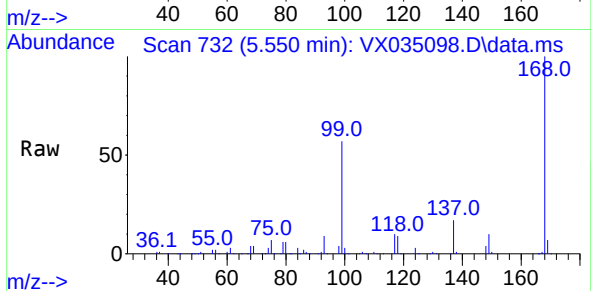
Tgt Ion: 84 Resp: 904
Ion Ratio Lower Upper
84 100
49 105.9 103.8 155.8
51 31.2 31.8 47.8#
86 81.1 51.4 77.2#



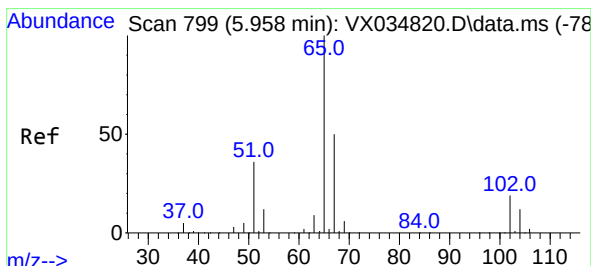
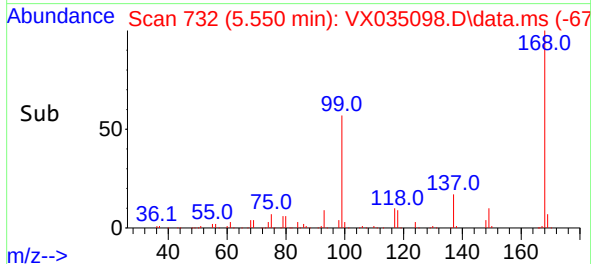
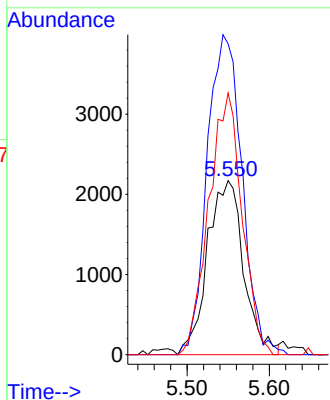


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

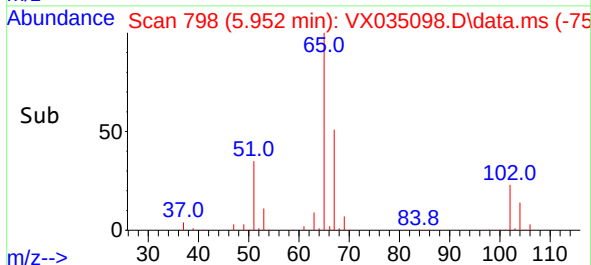
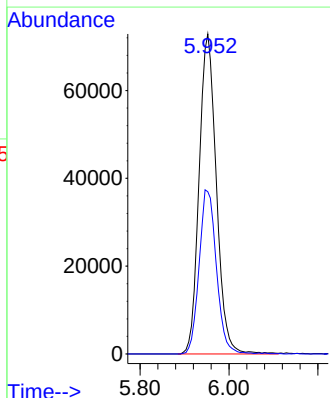
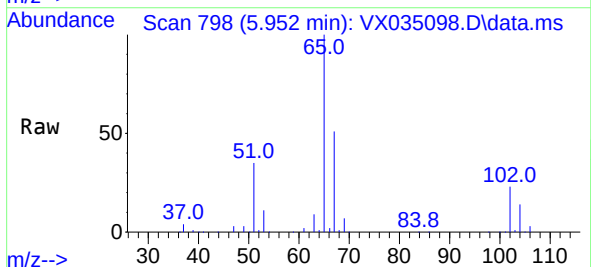


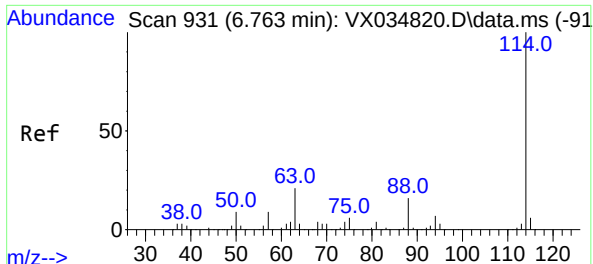
Tgt Ion: 56 Resp: 6646
Ion Ratio Lower Upper
56 100
69 178.6 23.7 35.5#
84 161.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 41.405 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 65 Resp: 196931
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

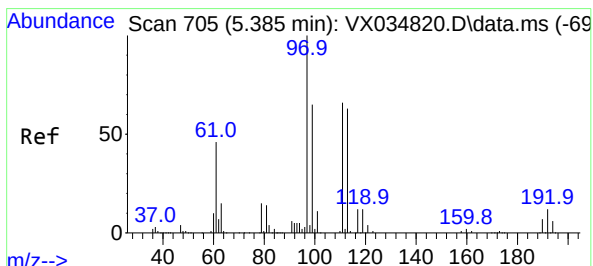
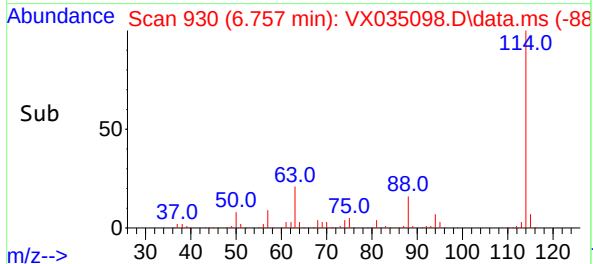
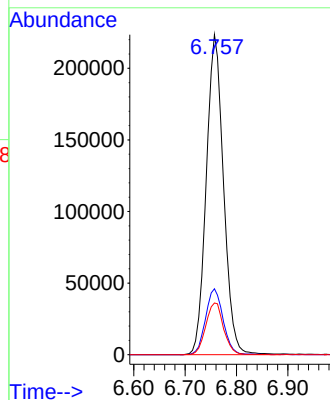
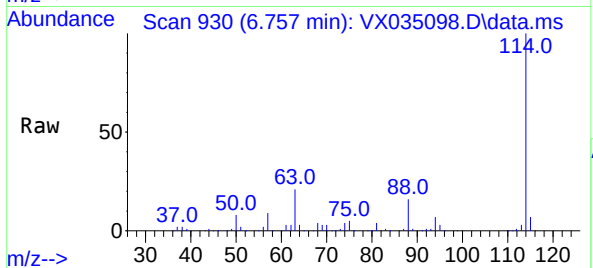




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

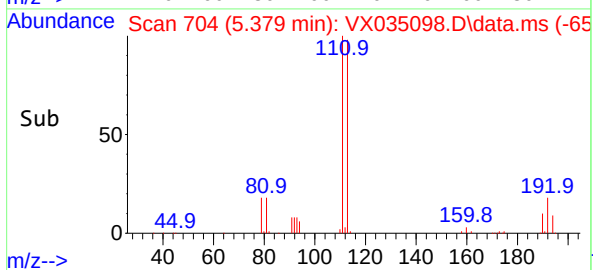
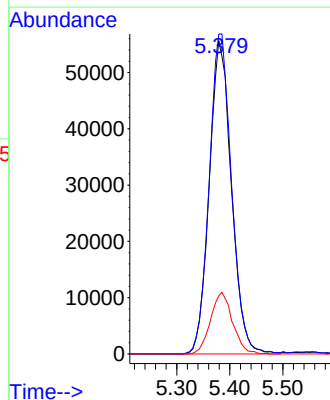
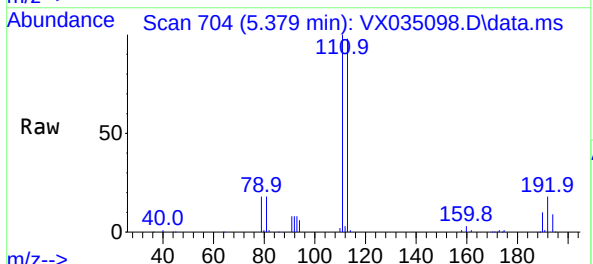
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

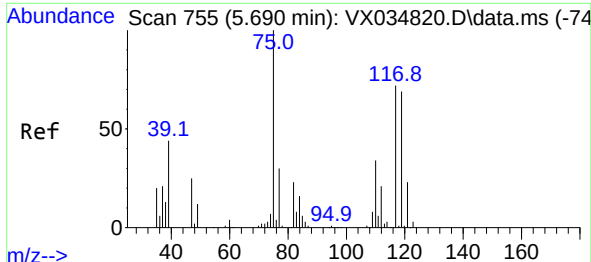
Tgt Ion:114 Resp: 521786
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.717 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion:113 Resp: 161228
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 19.6 15.4 23.2

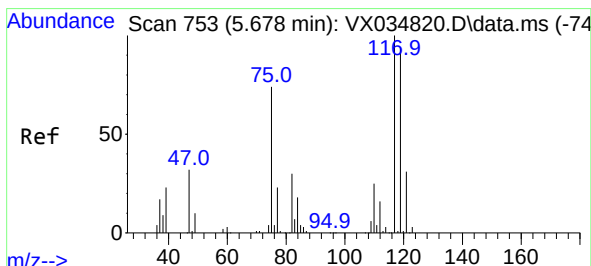
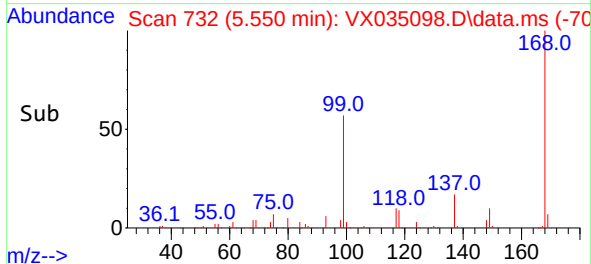
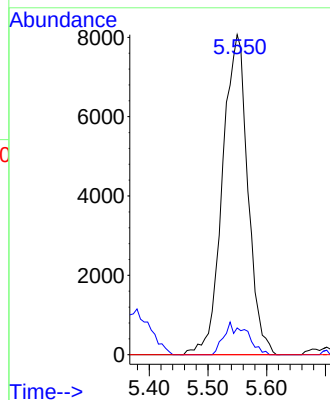
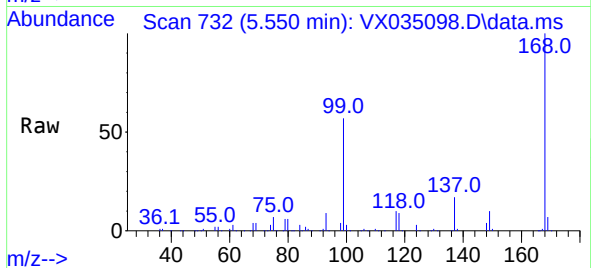




#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

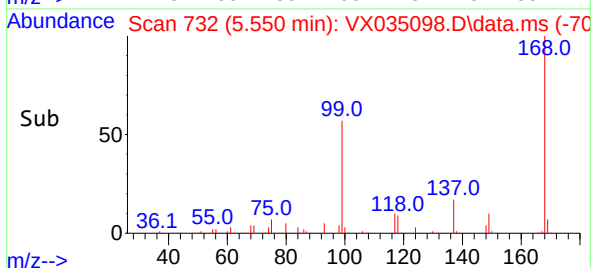
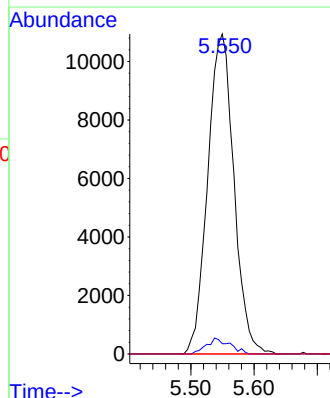
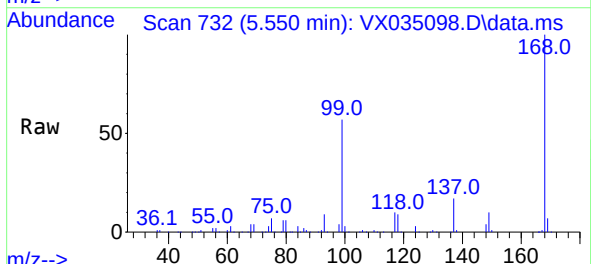
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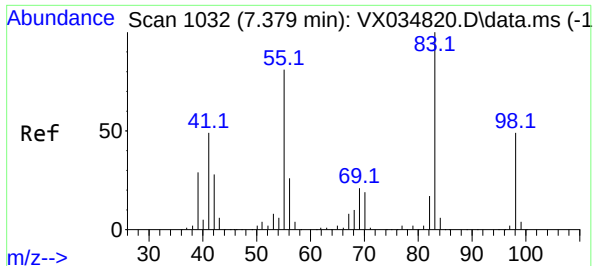
Tgt Ion: 75 Resp: 24186
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.532 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 117 Resp: 31489
Ion Ratio Lower Upper
117 100
119 3.2 76.6 114.8#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.209 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX035098.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBL01

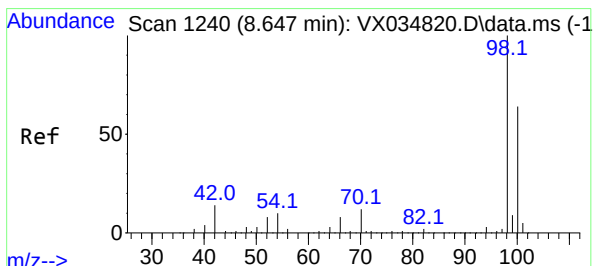
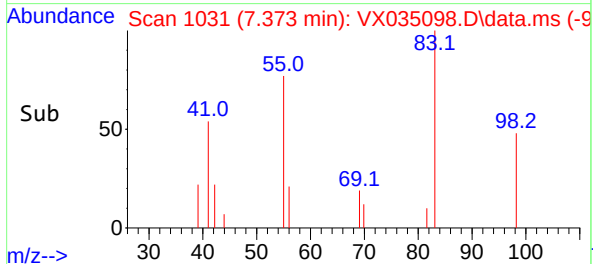
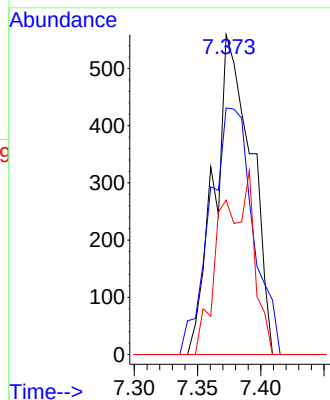
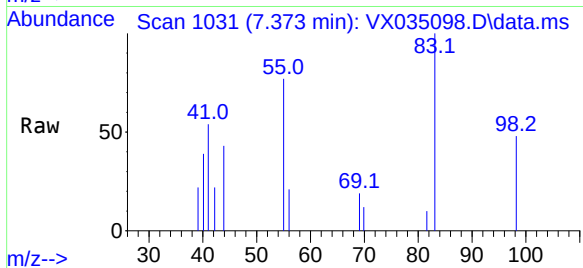
Tgt Ion: 83 Resp: 1133

Ion Ratio Lower Upper

83 100

55 77.1 60.5 90.7

98 48.3 40.4 60.6



#50

Toluene-d8

Concen: 48.423 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035098.D

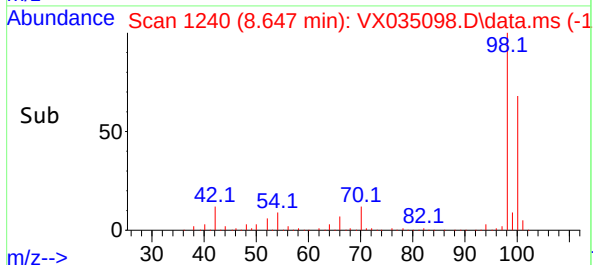
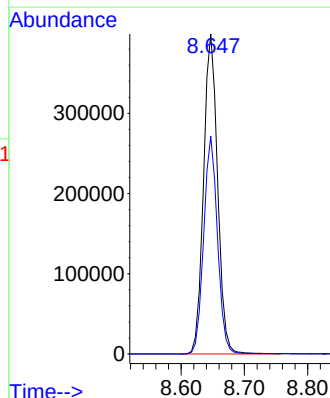
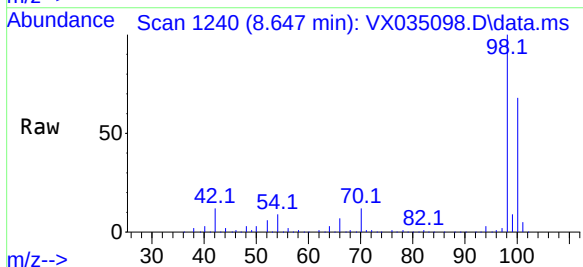
Acq: 17 Apr 2023 10:47

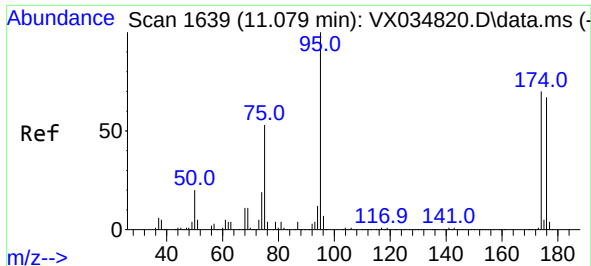
Tgt Ion: 98 Resp: 616842

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7

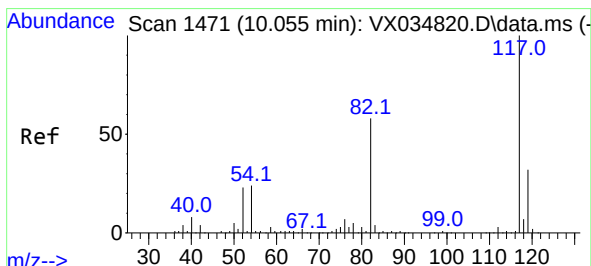
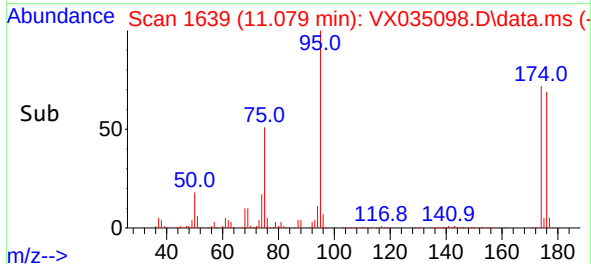
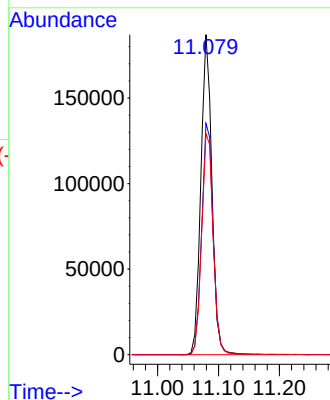
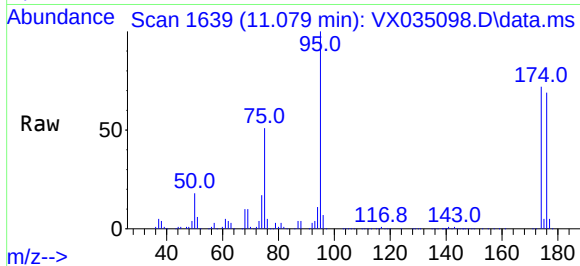




#62
4-Bromofluorobenzene
Concen: 47.711 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

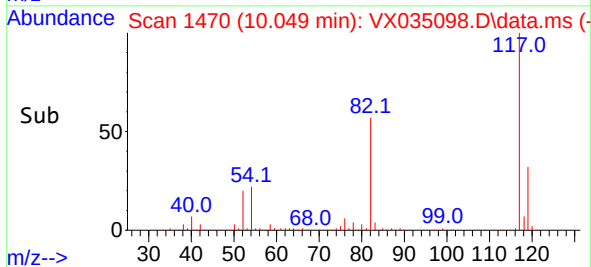
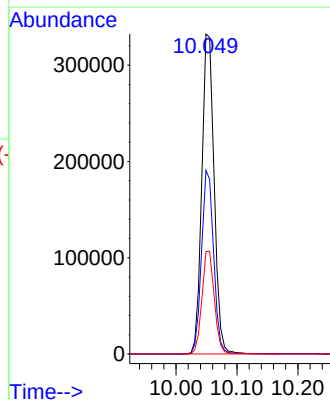
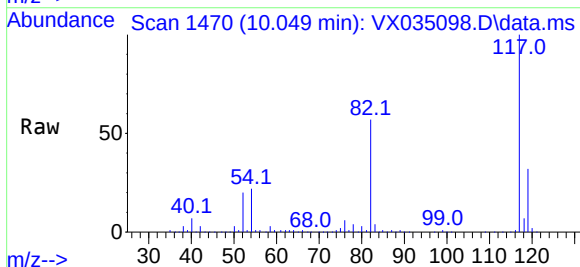
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

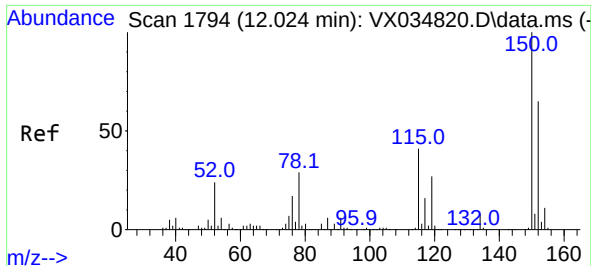
Tgt Ion: 95 Resp: 235191
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 72.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 117 Resp: 470373
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 32.0 26.0 39.0

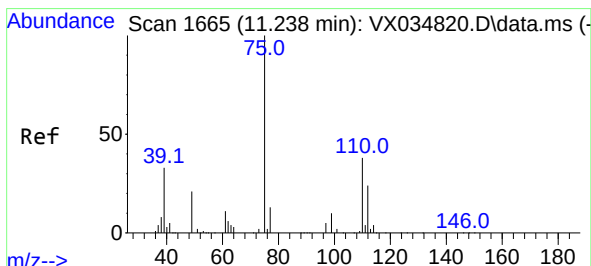
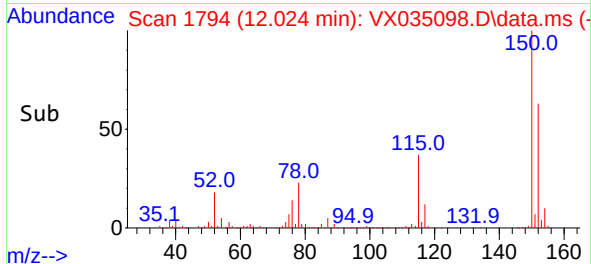
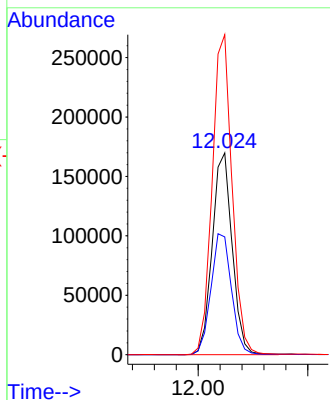
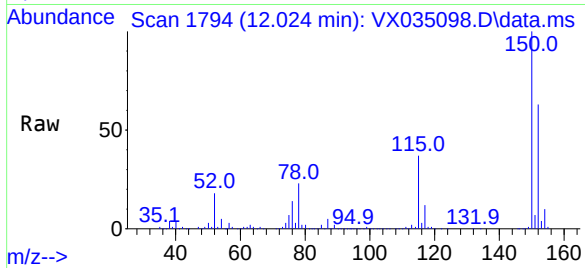




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

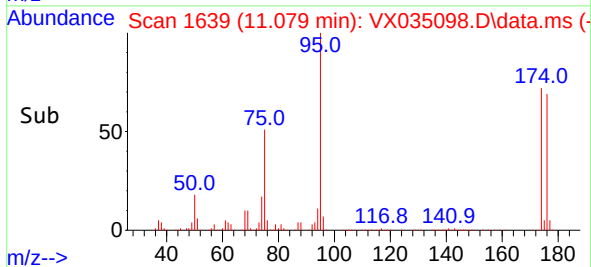
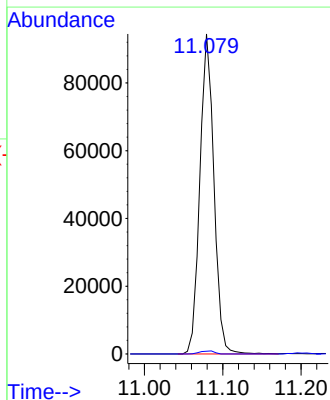
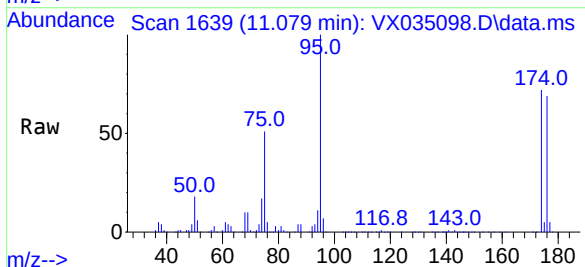
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

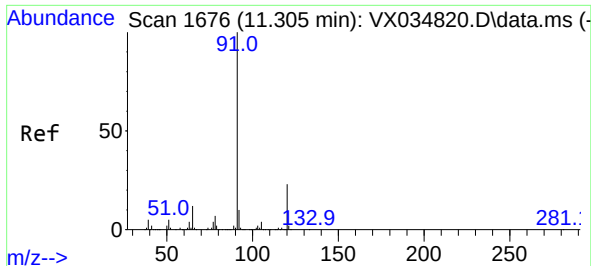
Tgt Ion:152 Resp: 214696
Ion Ratio Lower Upper
152 100
115 62.0 45.0 135.0
150 158.1 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 75 Resp: 117648
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#

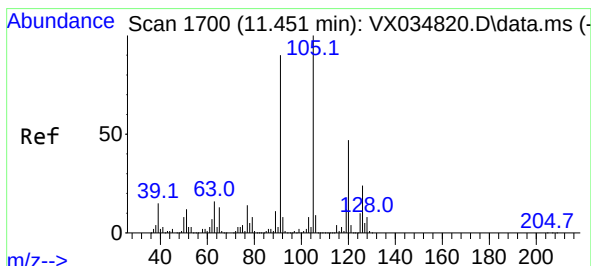
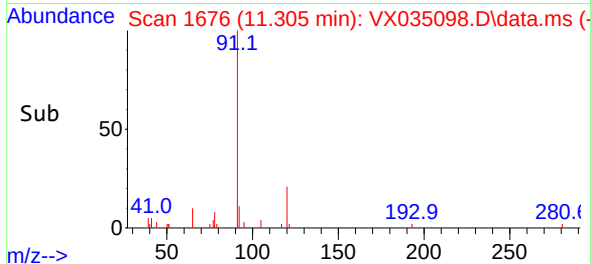
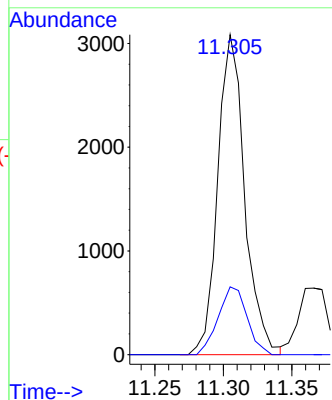
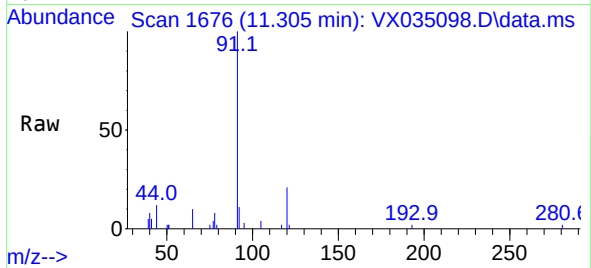




#78
n-propylbenzene
Concen: 0.232 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

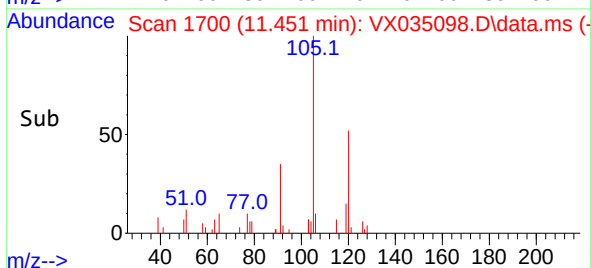
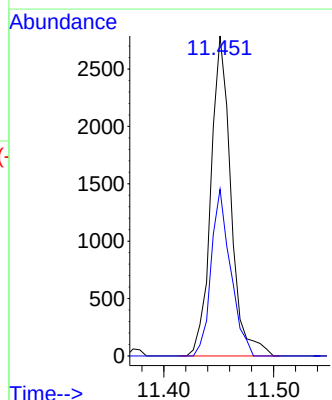
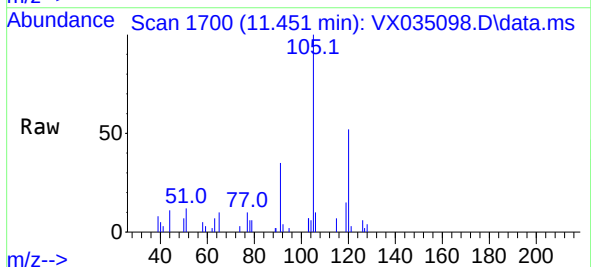
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

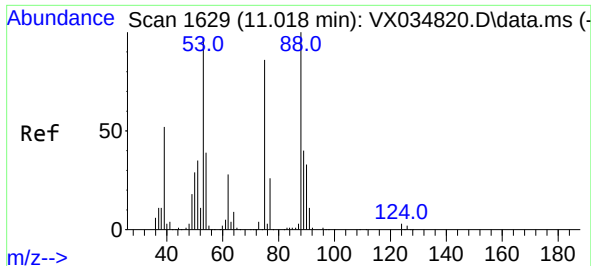
Tgt Ion: 91 Resp: 4211
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 0.269 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 105 Resp: 3537
Ion Ratio Lower Upper
105 100
120 50.4 23.7 71.1

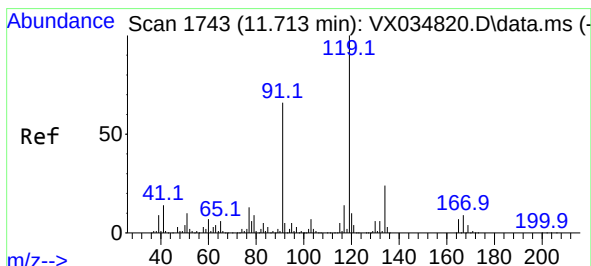
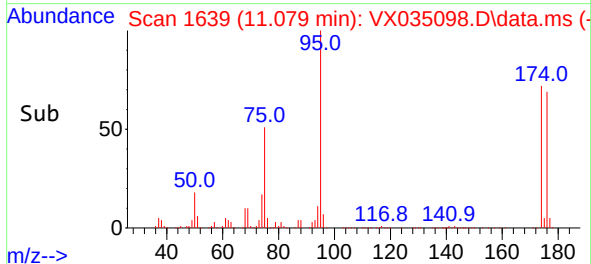
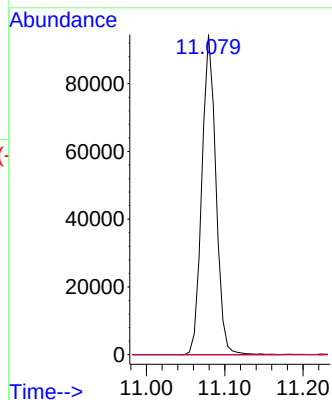
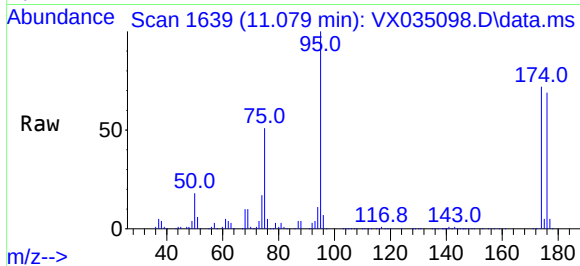




#81
trans-1,4-Dichloro-2-butene
Concen: 81.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

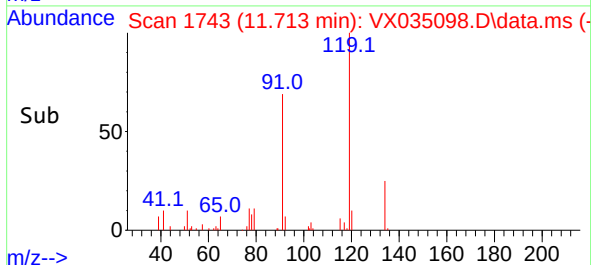
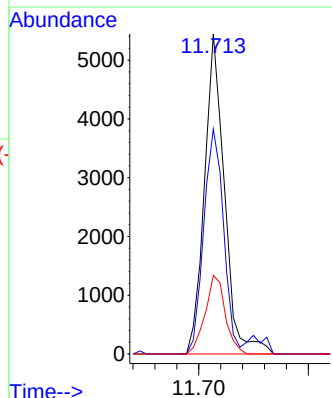
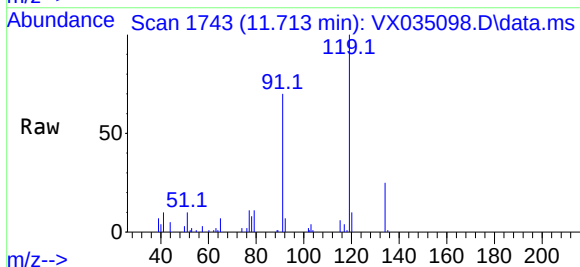
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

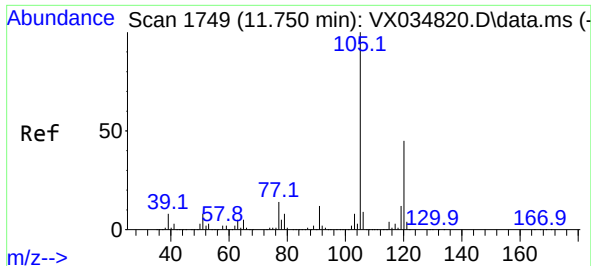
Tgt Ion: 75 Resp: 117648
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#83
tert-Butylbenzene
Concen: 0.560 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 119 Resp: 6912
Ion Ratio Lower Upper
119 100
91 69.6 30.6 92.0
134 24.6 11.8 35.4

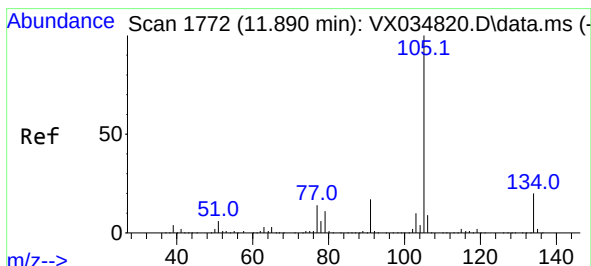
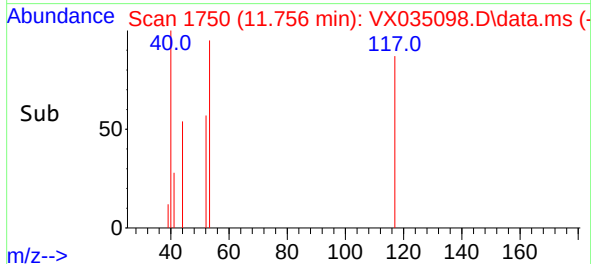
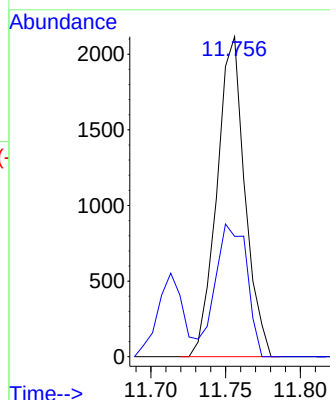
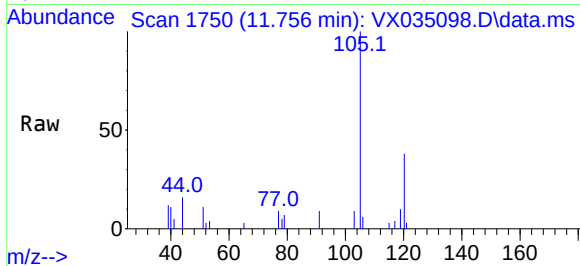




#84
1,2,4-Trimethylbenzene
Concen: 0.206 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

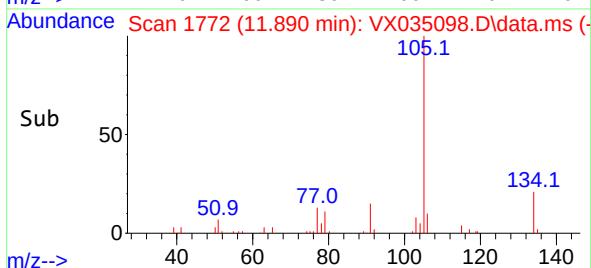
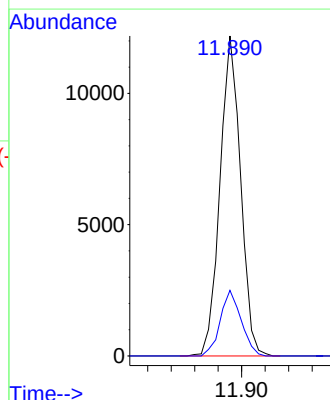
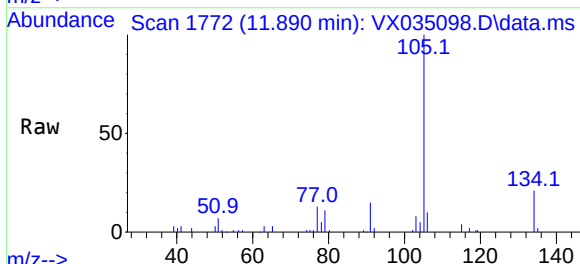
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

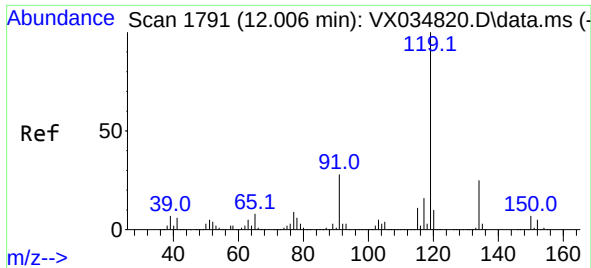
Tgt Ion:105 Resp: 2754
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.986 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion:105 Resp: 14818
Ion Ratio Lower Upper
105 100
134 20.9 10.2 30.4

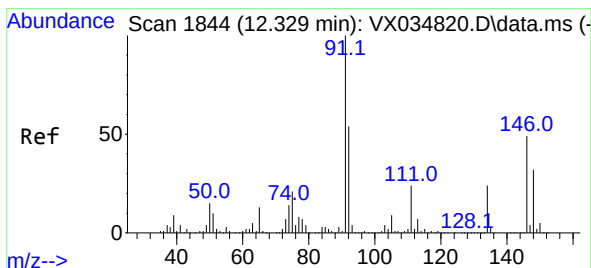
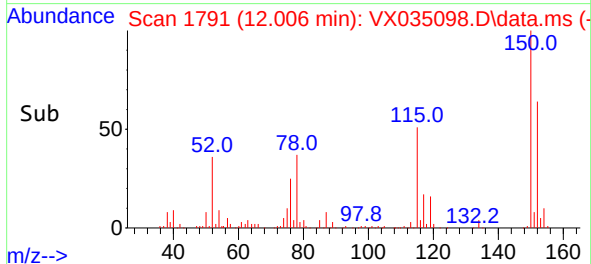
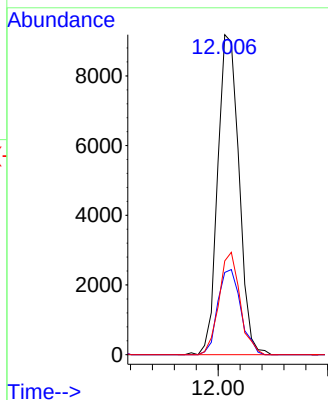
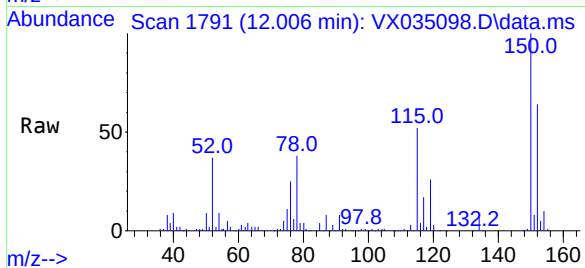




#86
p-Isopropyltoluene
Concen: 0.989 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

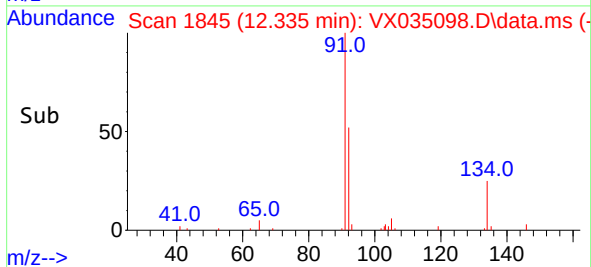
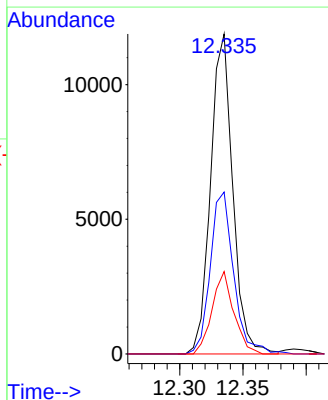
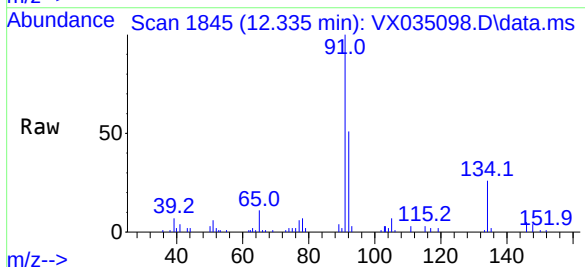
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

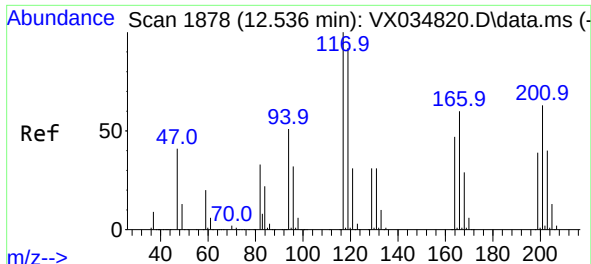
Tgt Ion:	119	Resp:	12388
Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.2	39.5
91	31.6	12.9	38.7



#89
n-Butylbenzene
Concen: 1.321 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion:	91	Resp:	14459
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.7	83.0
134	25.3	13.0	38.9

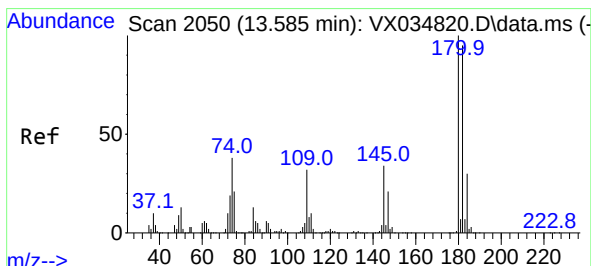
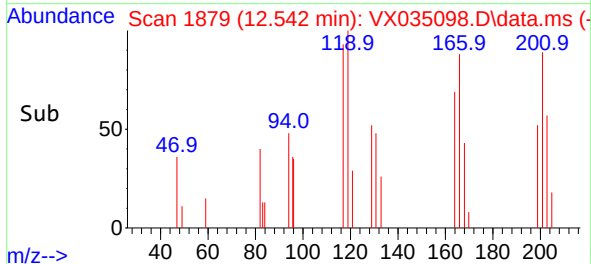
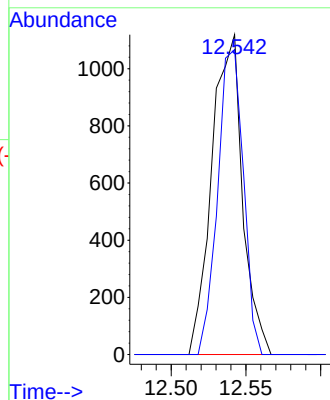
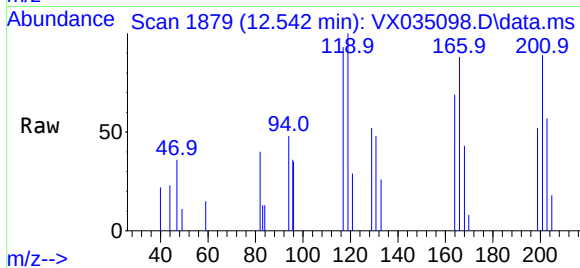




#90
Hexachloroethane
Concen: 0.823 ug/l
RT: 12.542 min Scan# 117
Delta R.T. 0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

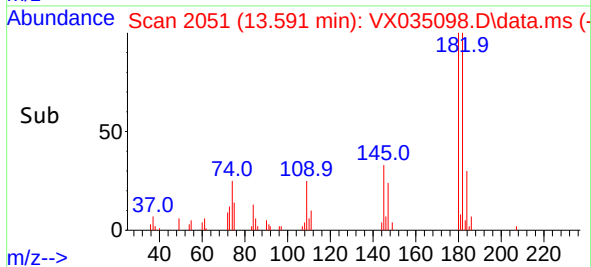
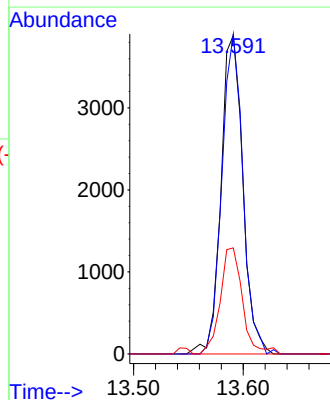
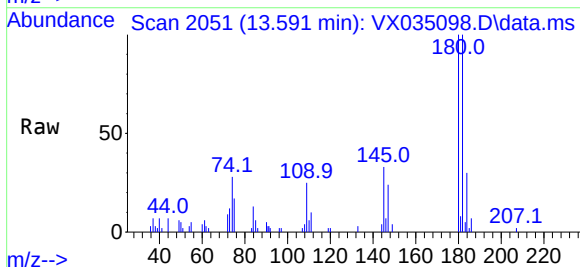
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

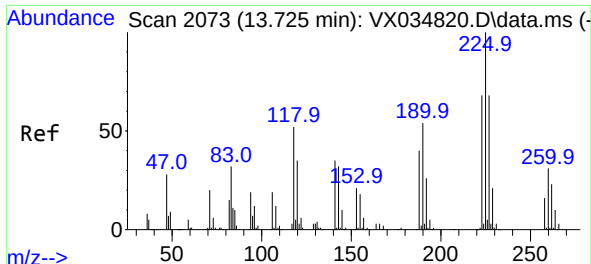
Tgt Ion:117 Resp: 1597
Ion Ratio Lower Upper
117 100
201 80.0 34.4 103.1



#93
1,2,4-Trichlorobenzene
Concen: 1.339 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Tgt Ion:180 Resp: 5381
Ion Ratio Lower Upper
180 100
182 96.5 47.0 141.0
145 33.9 15.9 47.7

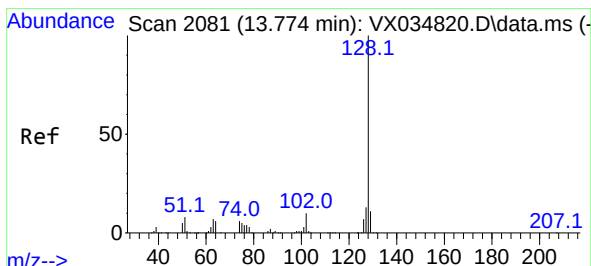
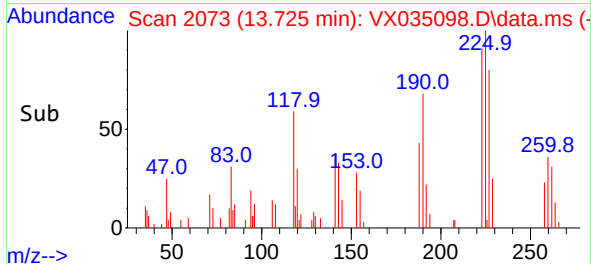
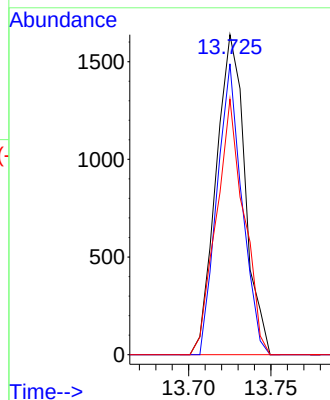
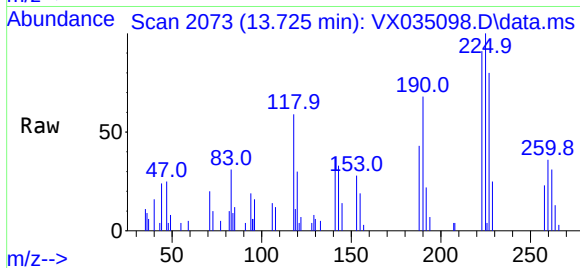




#94
Hexachlorobutadiene
Concen: 1.135 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

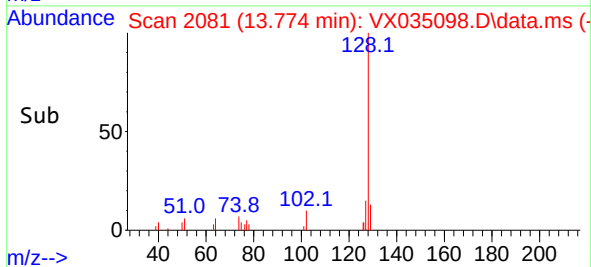
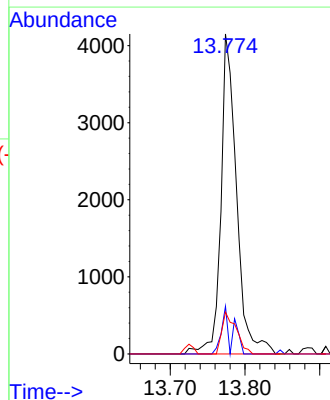
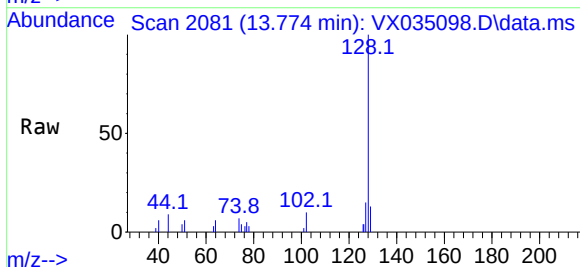
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01

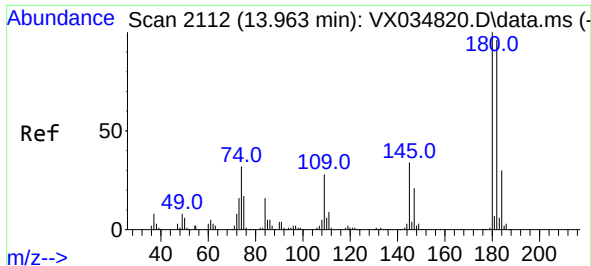
Tgt Ion:	225	Resp:	2007
Ion	Ratio	Lower	Upper
225	100		
223	78.2	32.1	96.5
227	76.5	31.8	95.4



#95
Naphthalene
Concen: 0.423 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

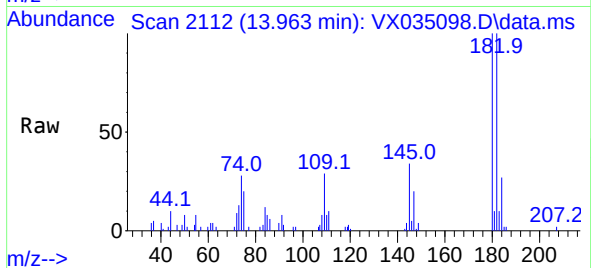
Tgt Ion:	128	Resp:	6049
Ion	Ratio	Lower	Upper
128	100		
127	5.8	10.2	15.4#
129	12.0	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.330 ug/l
RT: 13.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035098.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0417MBL01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.2
145	38.7	17.7	53.1

