

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022230.D
 Acq On : 27 May 2021 14:19
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: May 27 14:45:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

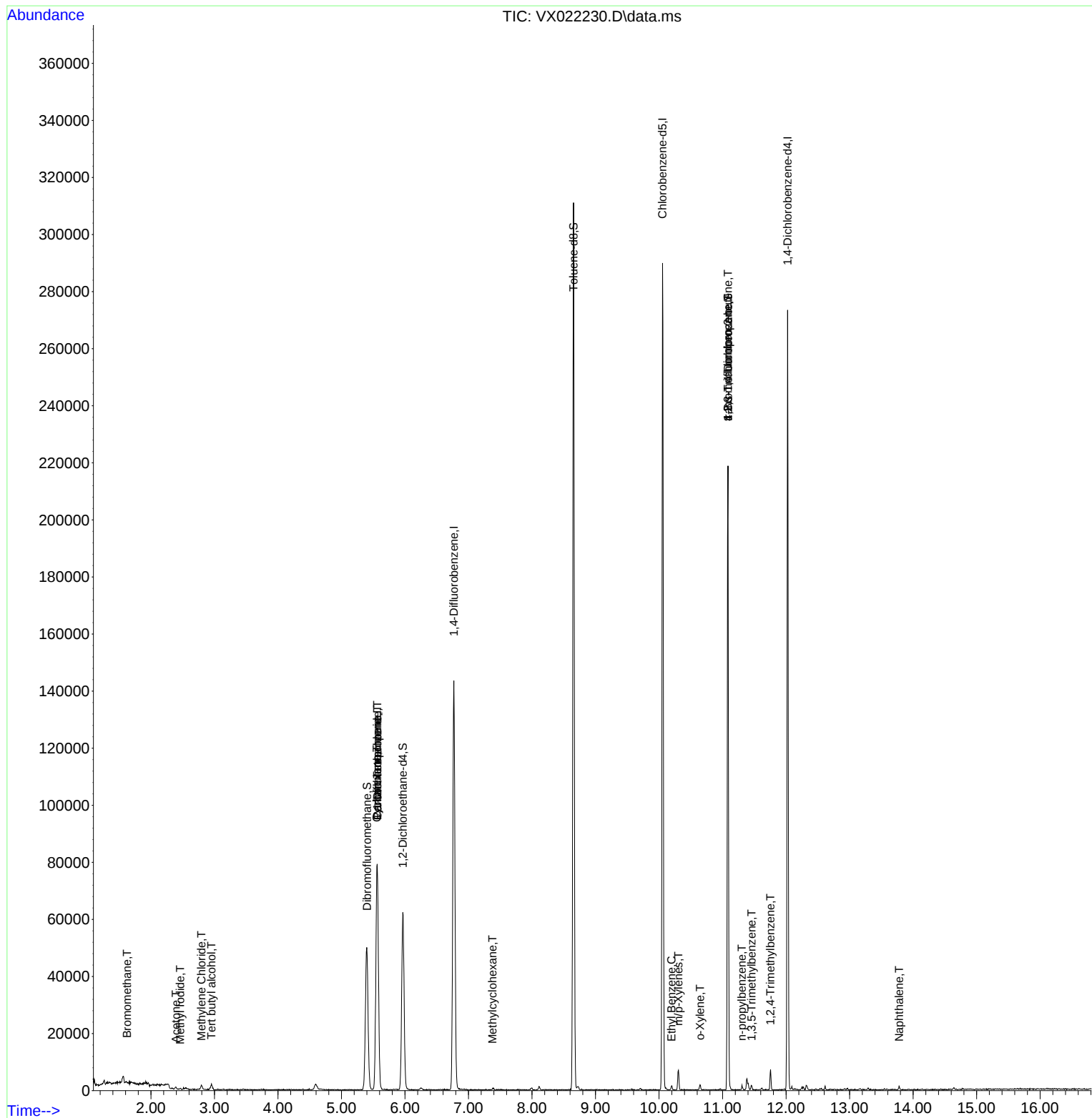
Internal Standards						
1) Pentafluorobenzene	5.562	168	69574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	144464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56740	52.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.74%			
35) Dibromofluoromethane	5.403	113	43085	47.03	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.06%			
50) Toluene-d8	8.653	98	176922	50.13	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.26%			
62) 4-Bromofluorobenzene	11.085	95	60794	46.61	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.22%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	319	0.57	ug/l #	69
10) Methyl Iodide	2.459	142	245	0.28	ug/l #	80
11) Tert butyl alcohol	2.953	59	1066	4.34	ug/l #	73
16) Acetone	2.392	43	617	1.32	ug/l #	40
20) Methylene Chloride	2.794	84	635	0.61	ug/l #	85
31) Cyclohexane	5.556	56	1923	1.43	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	6964	5.21	ug/l #	46
38) Carbon Tetrachloride	5.562	117	8006	6.13	ug/l #	15
39) Methylcyclohexane	7.379	83	374	0.25	ug/l #	49
67) Ethyl Benzene	10.195	91	1102	0.23	ug/l #	88
68) m/p-Xylenes	10.305	106	1751	0.96	ug/l	92
69) o-Xylene	10.646	106	468	0.26	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	31706	25.95	ug/l #	39
78) n-propylbenzene	11.305	91	1012	0.21	ug/l	92
80) 1,3,5-Trimethylbenzene	11.457	105	905	0.26	ug/l	84
81) trans-1,4-Dichloro-2-b...	11.085	75	31706	61.49	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	2947	0.84	ug/l	100
95) Naphthalene	13.780	128	874	0.23	ug/l #	86

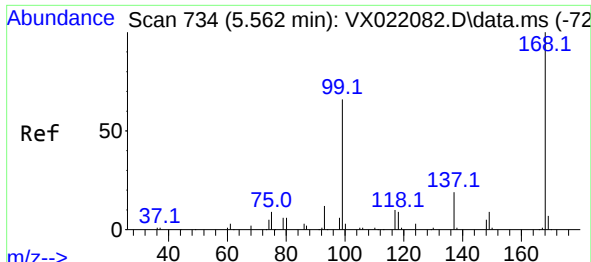
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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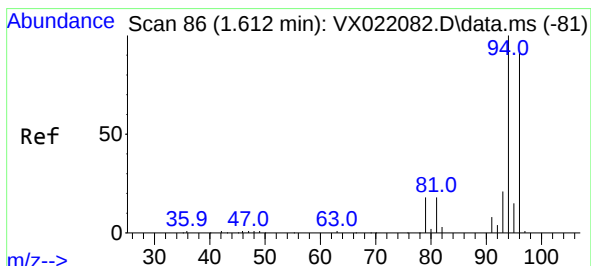
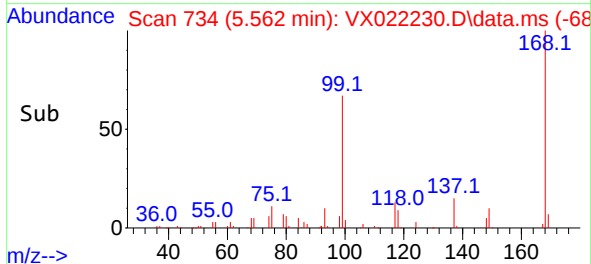
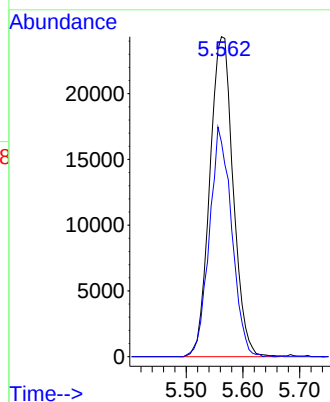
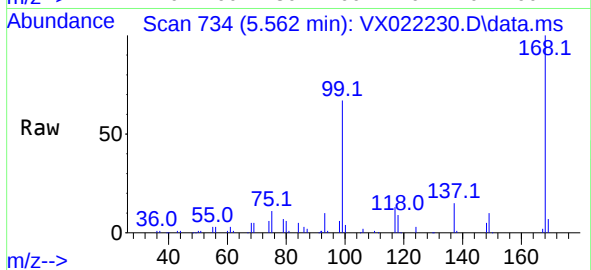




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

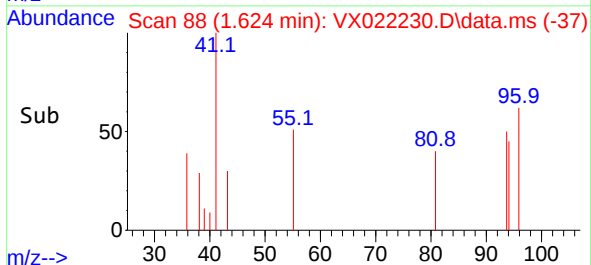
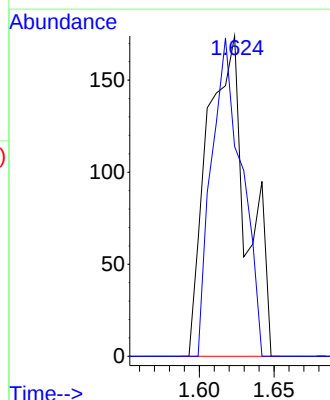
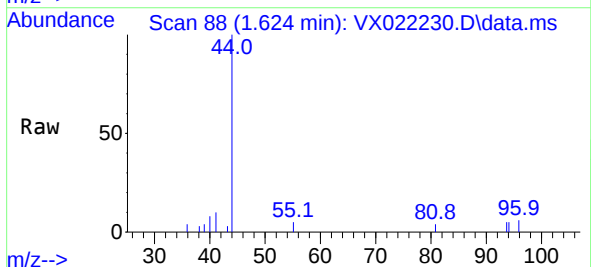
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

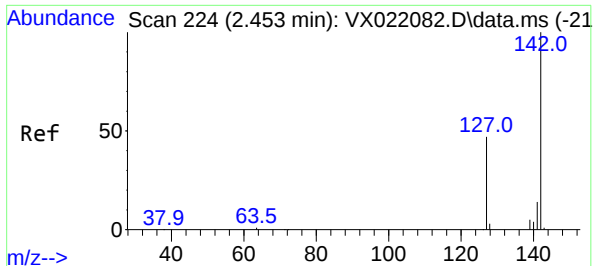
Tgt Ion:168 Resp: 69574
Ion Ratio Lower Upper
168 100
99 67.0 45.8 68.6



#5
Bromomethane
Concen: 0.57 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 65.5 76.4 114.6#

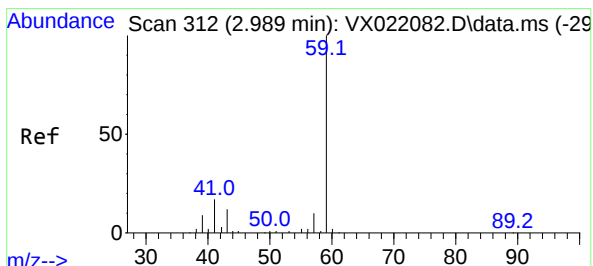
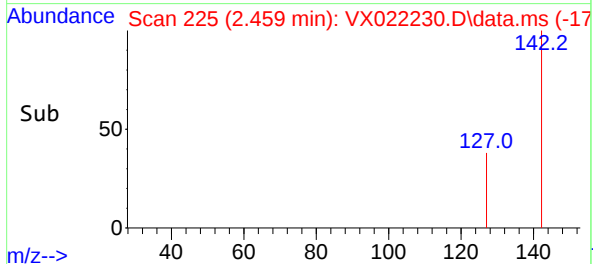
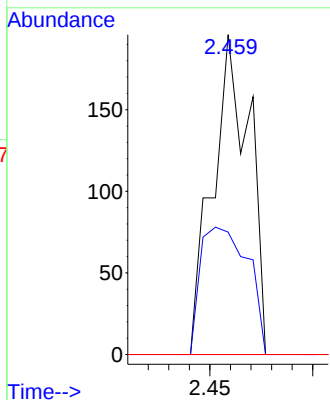
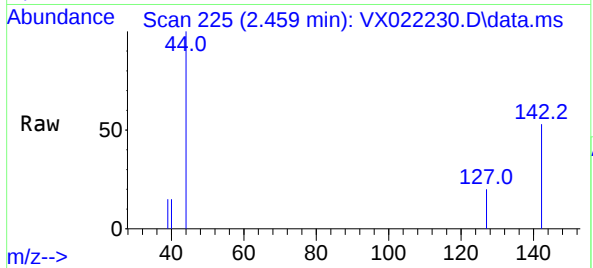




#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

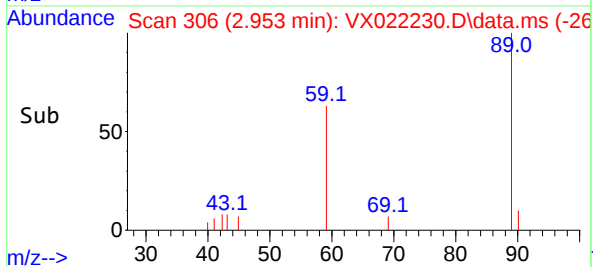
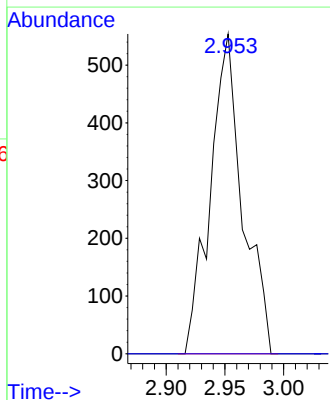
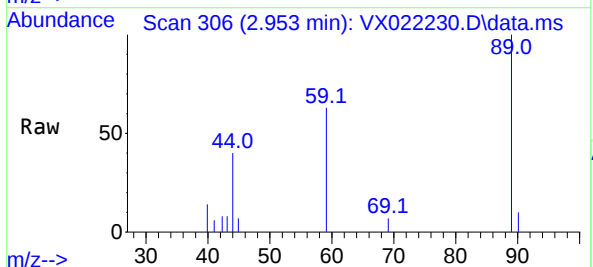
Instrument :
MSVOA_X
ClientSampled :
VIBLK

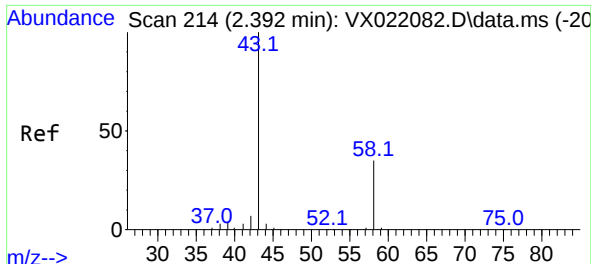
Tgt Ion:142 Resp: 245
Ion Ratio Lower Upper
142 100
127 51.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.34 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 59 Resp: 1066
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

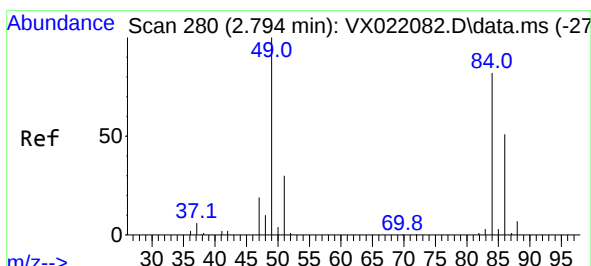
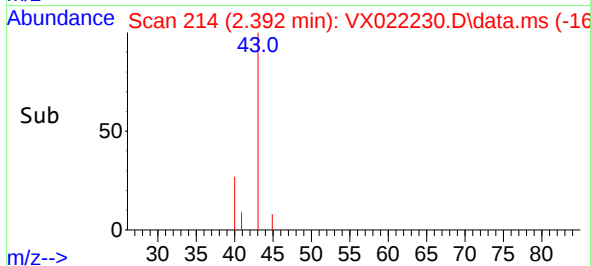
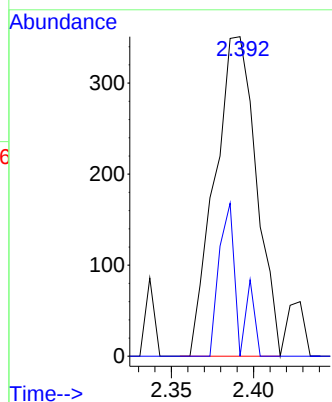
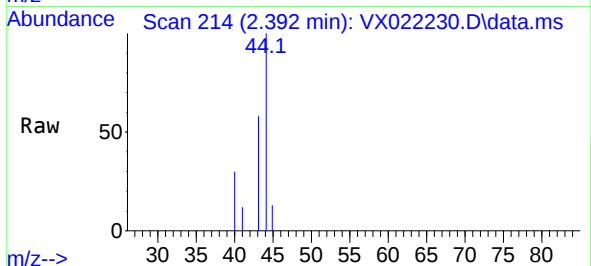




#16
Acetone
Concen: 1.32 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

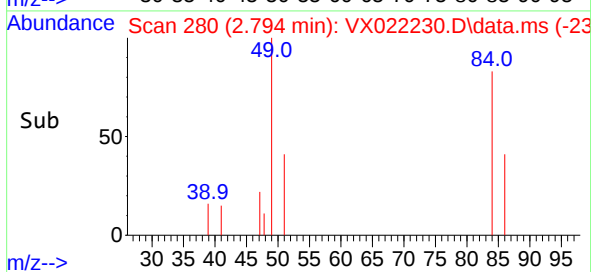
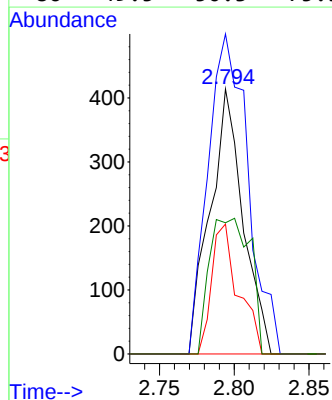
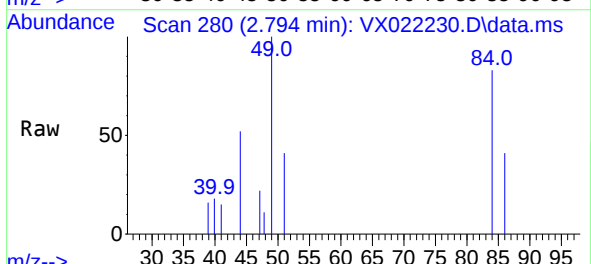
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

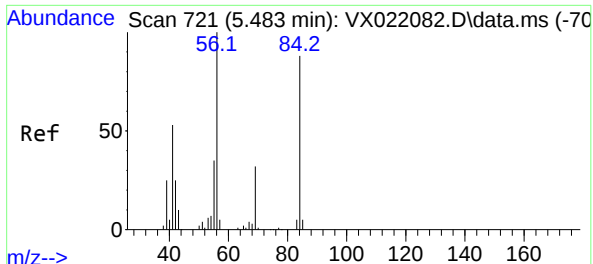
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.61 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 84 Resp: 635
Ion Ratio Lower Upper
84 100
49 120.8 88.6 132.8
51 49.0 27.0 40.6#
86 49.5 50.3 75.5#

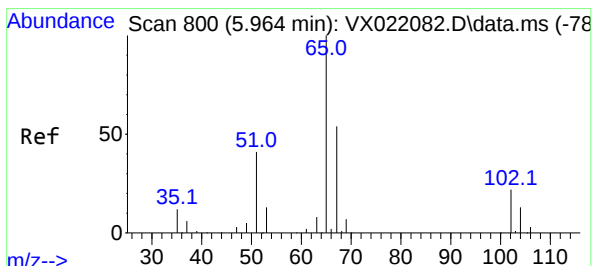
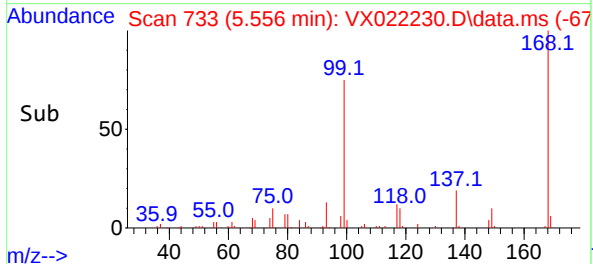
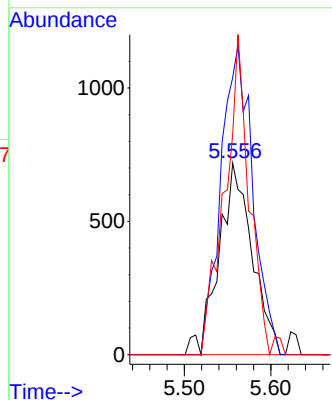
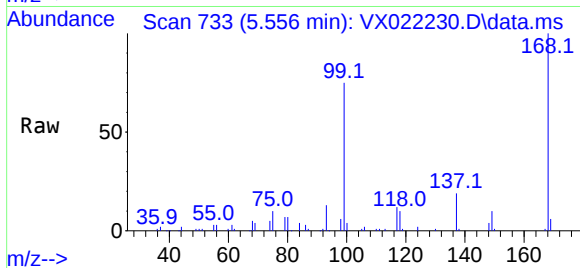




#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

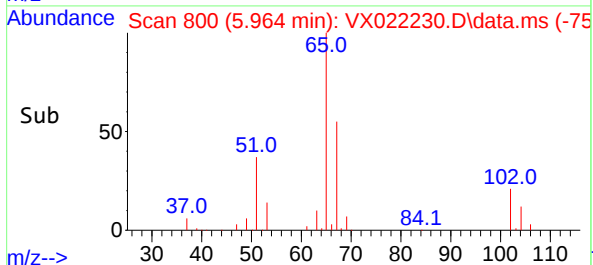
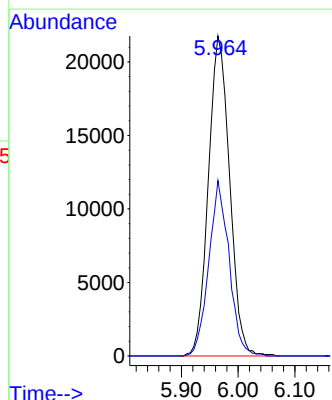
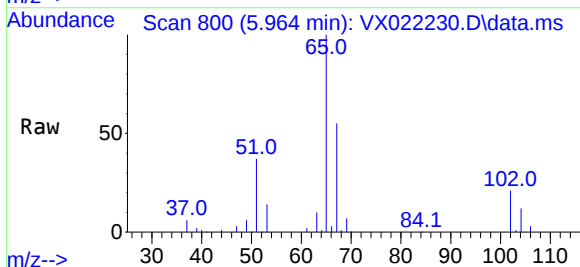
Instrument :
MSVOA_X
ClientSampled :
VIBLK

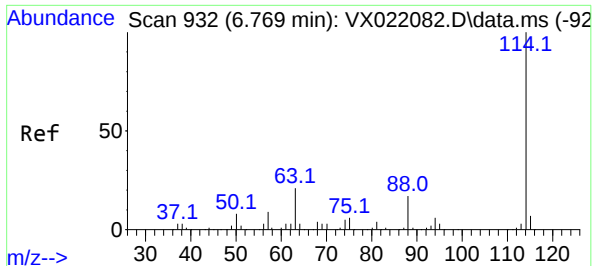
Tgt Ion: 56 Resp: 1923
Ion Ratio Lower Upper
56 100
69 144.7 25.3 37.9#
84 114.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.87 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 65 Resp: 56740
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

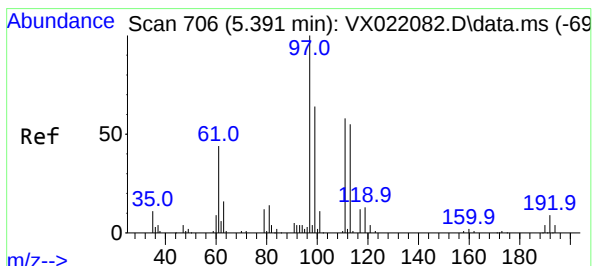
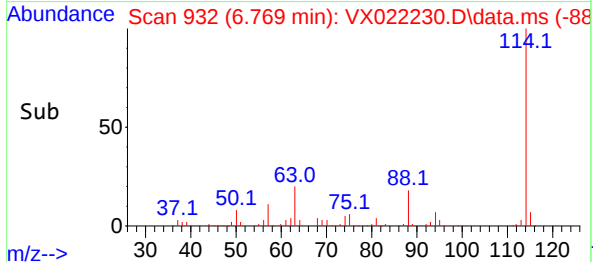
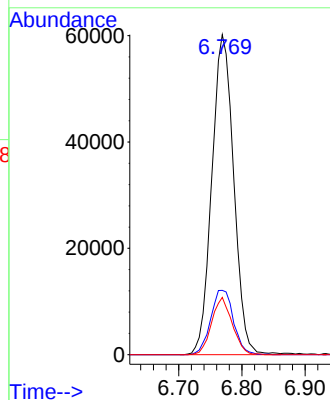
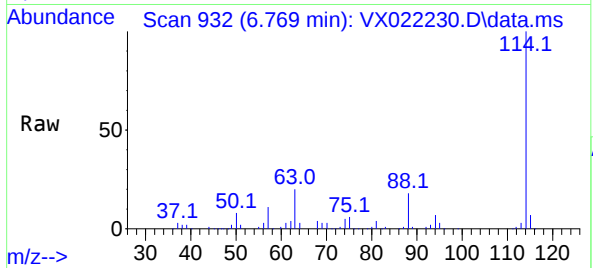




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

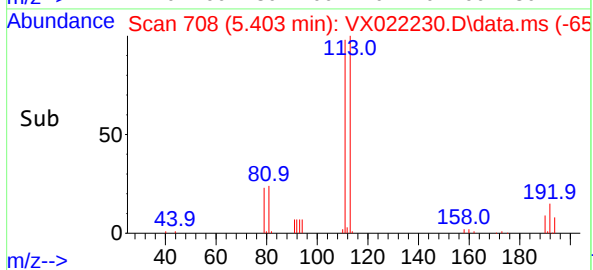
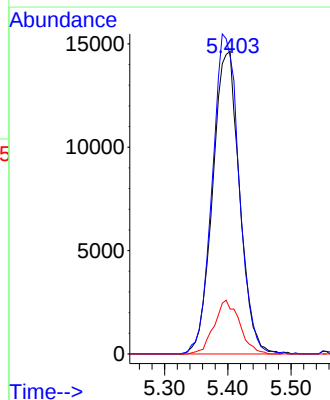
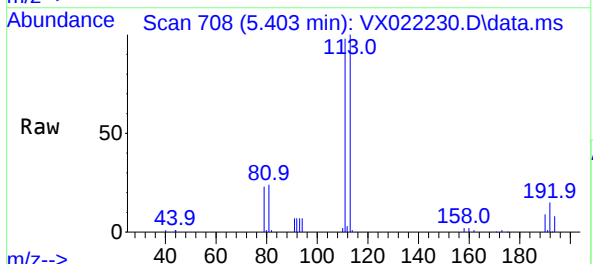
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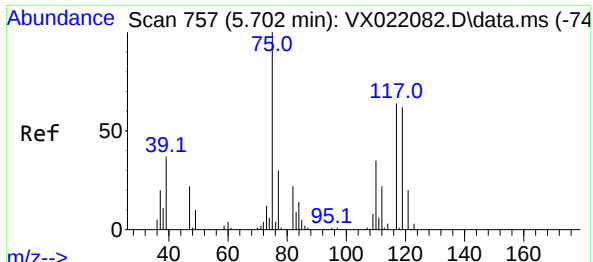
Tgt Ion:114 Resp: 144464
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 17.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.03 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion:113 Resp: 43085
Ion Ratio Lower Upper
113 100
111 105.2 81.9 122.9
192 16.9 16.7 25.1





#36

1,1-Dichloropropene

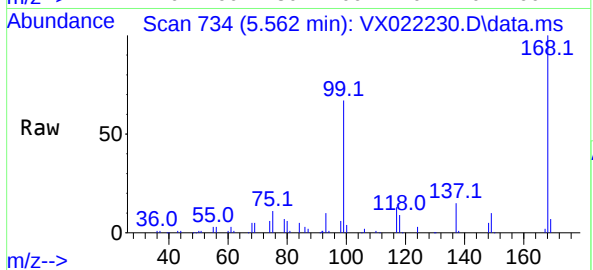
Concen: 5.21 ug/l

RT: 5.562 min Scan# 734

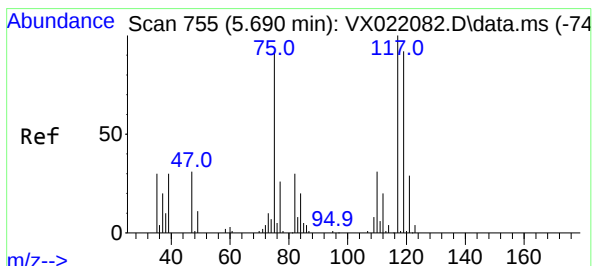
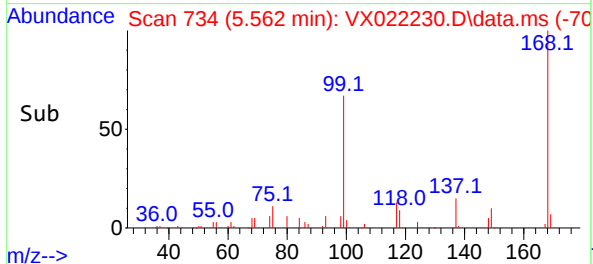
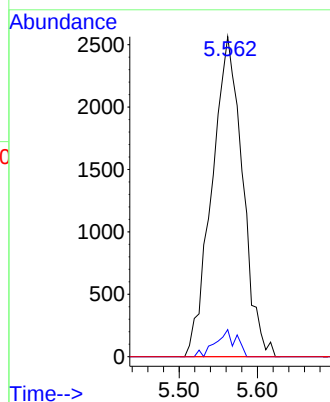
Delta R.T. -0.140 min

Lab File: VX022230.D

Acq: 27 May 2021 14:19



Tgt Ion:	75	Resp:	6964
Ion	Ratio	Lower	Upper
75	100		
110	5.7	18.1	54.4#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

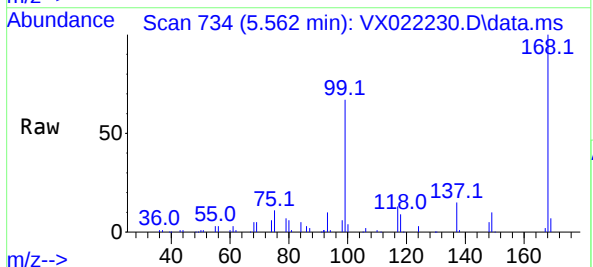
Concen: 6.13 ug/l

RT: 5.562 min Scan# 734

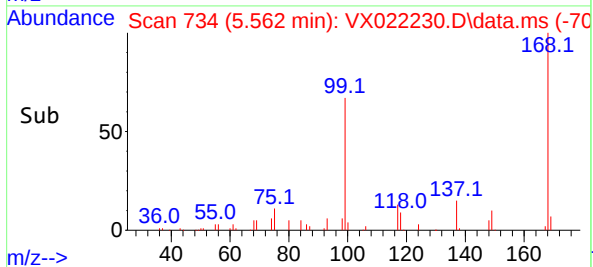
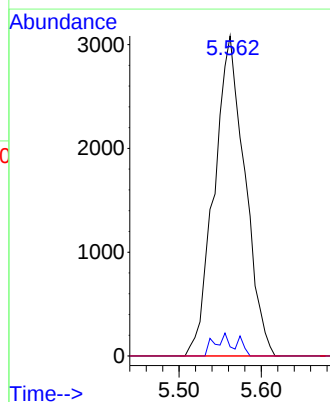
Delta R.T. -0.128 min

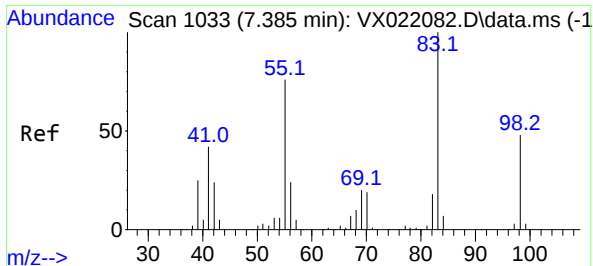
Lab File: VX022230.D

Acq: 27 May 2021 14:19



Tgt Ion:	117	Resp:	8006
Ion	Ratio	Lower	Upper
117	100		
119	2.9	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.25 ug/l

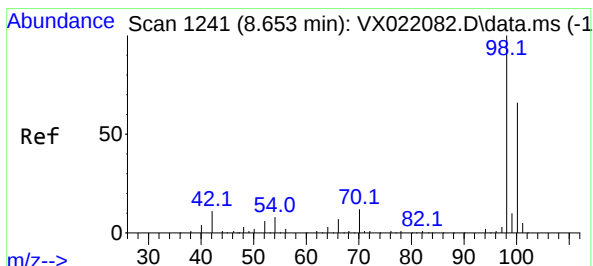
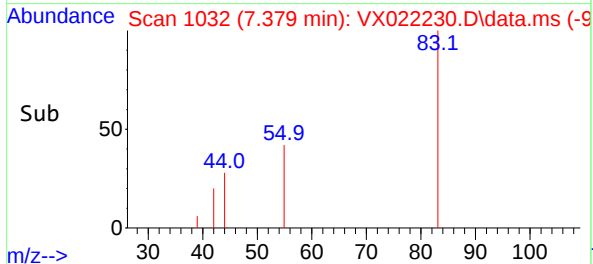
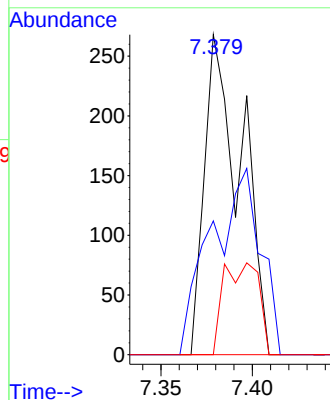
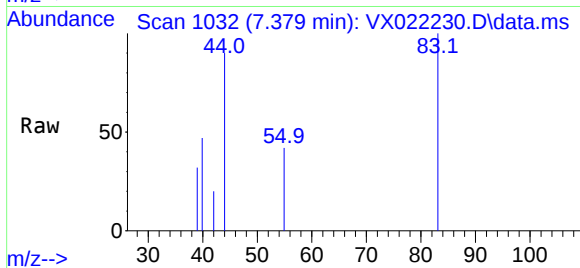
RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX022230.D

Acq: 27 May 2021 14:19

Tgt Ion:	83	Resp:	374
Ion	Ratio	Lower	Upper
83	100		
55	41.8	58.9	88.3#
98	0.0	38.1	57.1#



#50

Toluene-d8

Concen: 50.13 ug/l

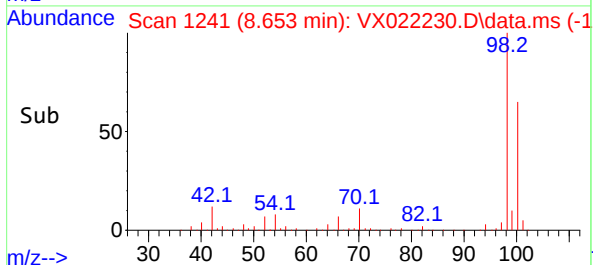
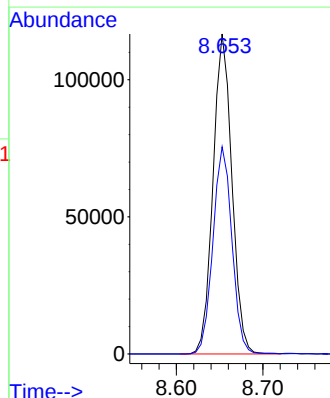
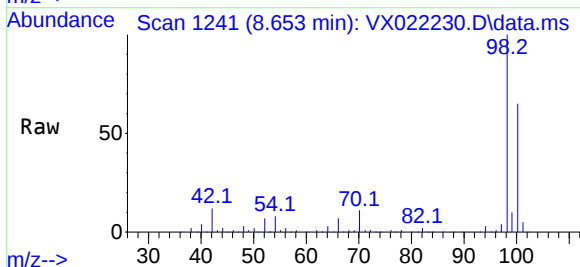
RT: 8.653 min Scan# 1241

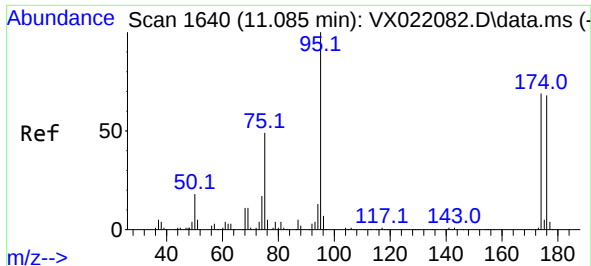
Delta R.T. -0.000 min

Lab File: VX022230.D

Acq: 27 May 2021 14:19

Tgt Ion:	98	Resp:	176922
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9

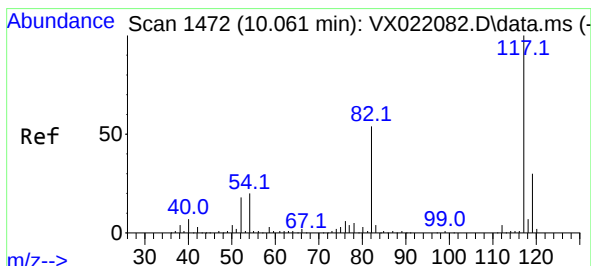
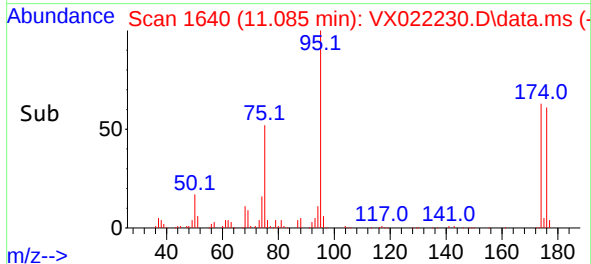
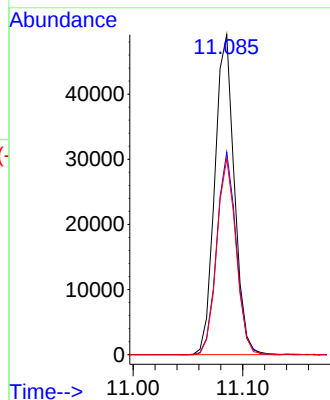
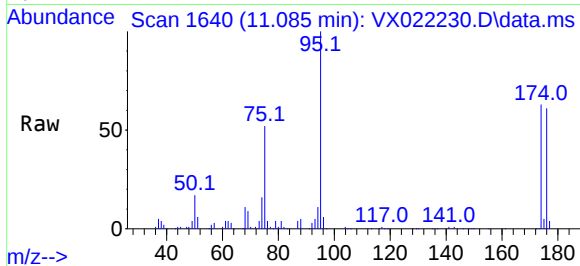




#62
4-Bromofluorobenzene
Concen: 46.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

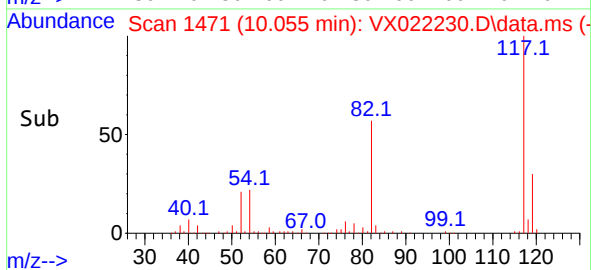
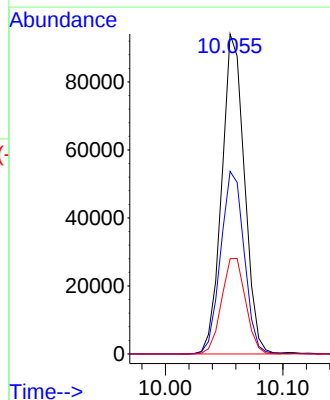
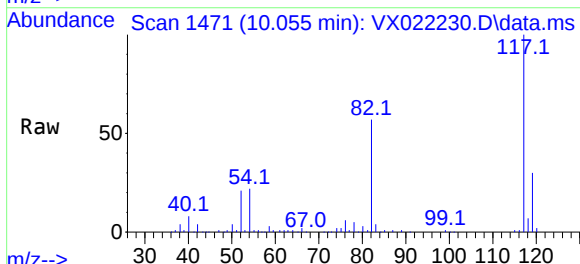
Instrument :
MSVOA_X
ClientSampled :
VIBLK

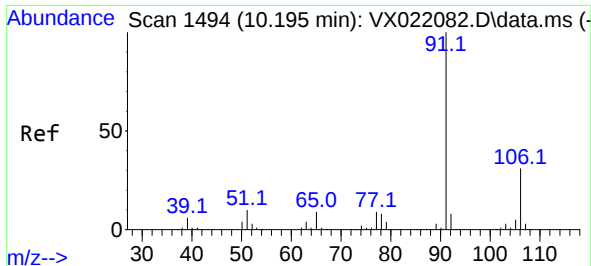
Tgt Ion: 95 Resp: 60794
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 117 Resp: 126157
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 29.8 26.6 39.8

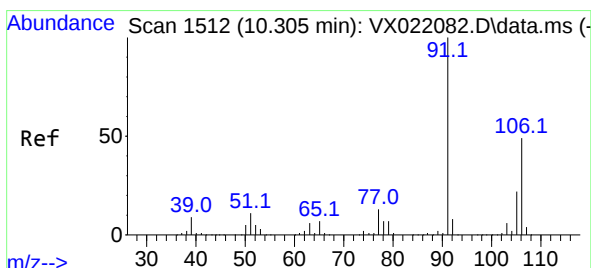
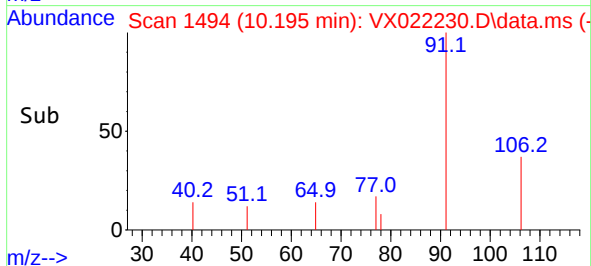
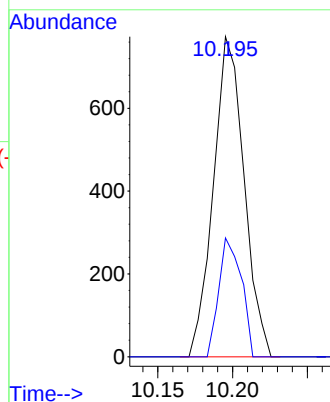
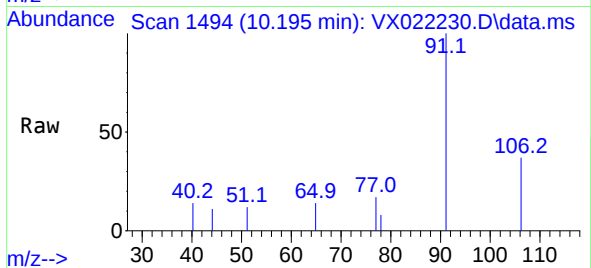




#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

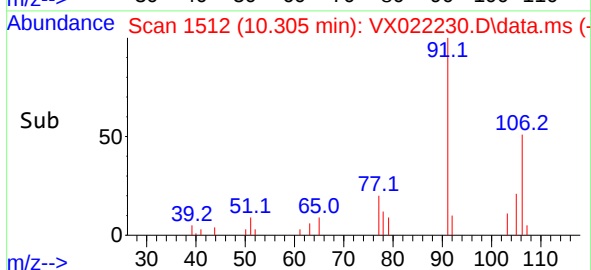
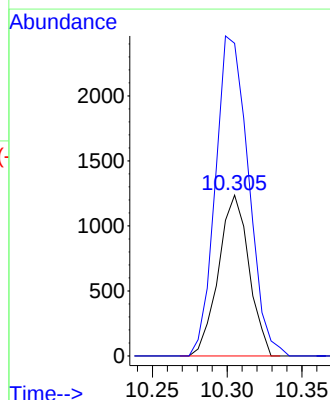
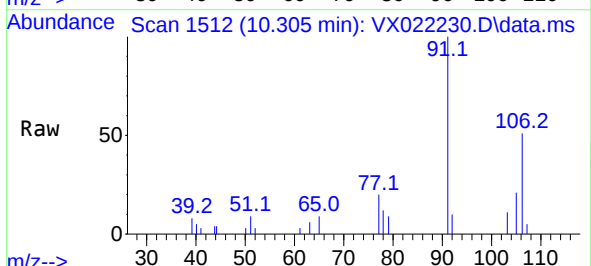
Instrument :
MSVOA_X
ClientSampled :
VIBLK

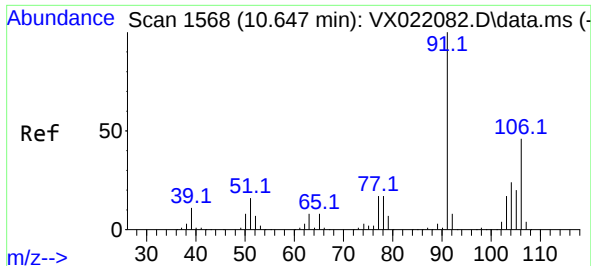
Tgt Ion: 91 Resp: 1102
Ion Ratio Lower Upper
91 100
106 37.1 24.6 37.0#



#68
m/p-Xylenes
Concen: 0.96 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 106 Resp: 1751
Ion Ratio Lower Upper
106 100
91 215.7 162.8 244.2

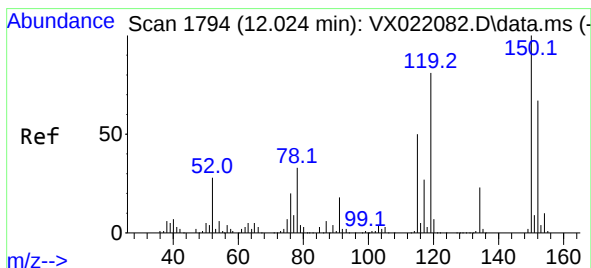
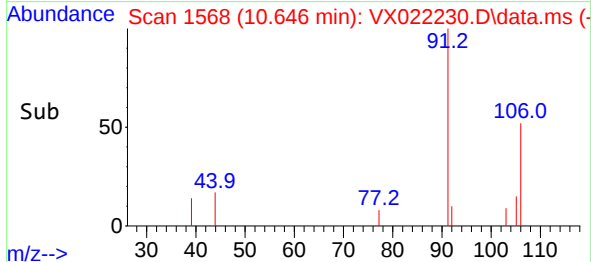
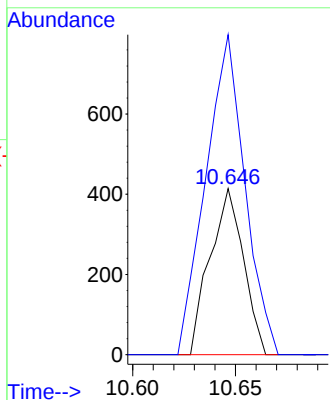
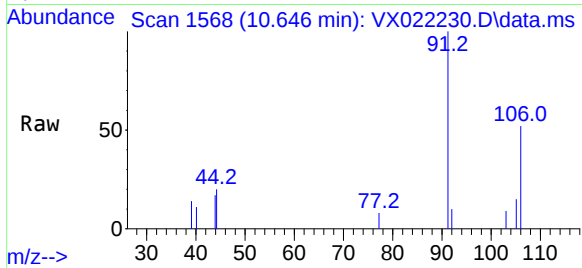




#69
o-Xylene
Concen: 0.26 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

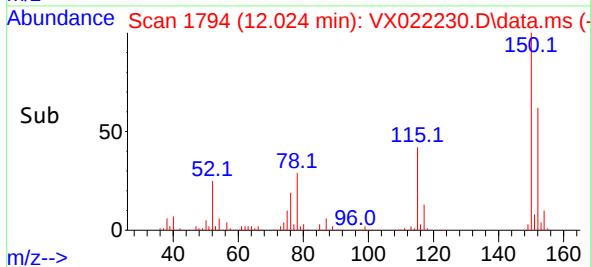
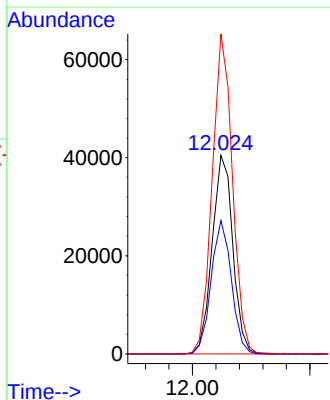
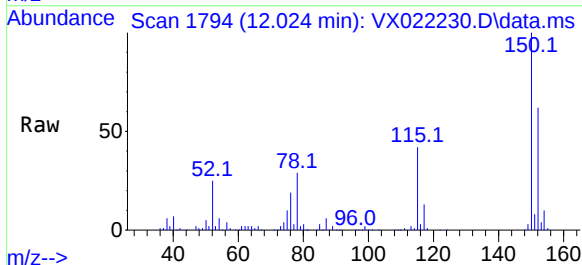
Instrument :
MSVOA_X
ClientSampled :
VIBLK

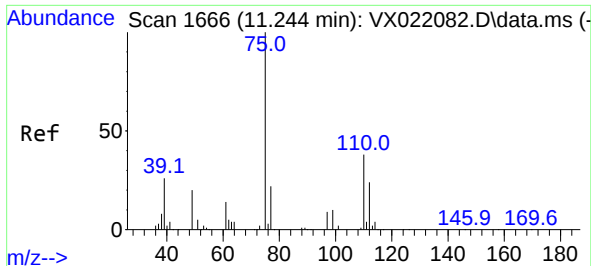
Tgt Ion:106 Resp: 468
Ion Ratio Lower Upper
106 100
91 225.2 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion:152 Resp: 49519
Ion Ratio Lower Upper
152 100
115 65.8 41.1 123.3
150 158.1 0.0 349.0

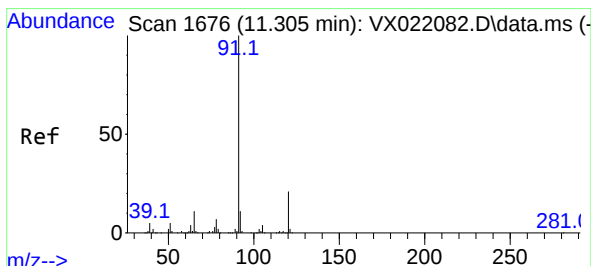
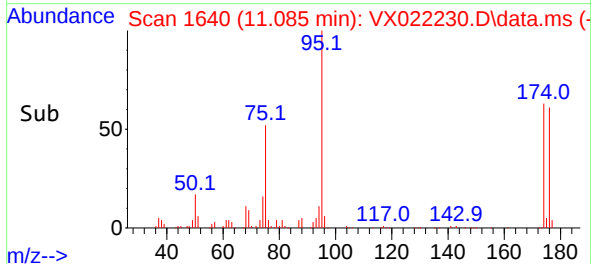
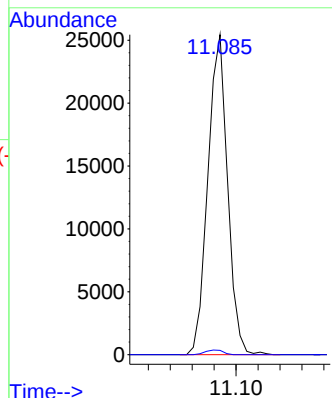
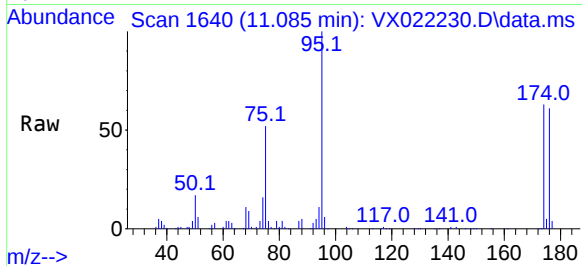




#76
1,2,3-Trichloropropane
Concen: 25.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

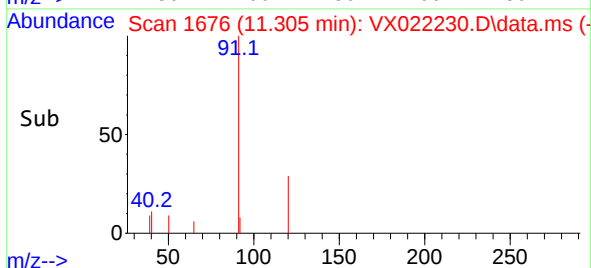
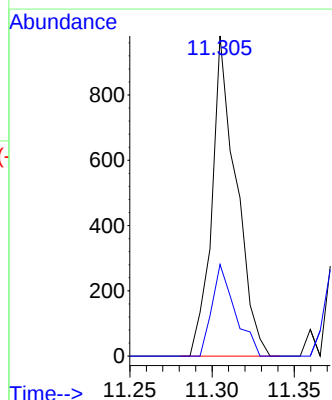
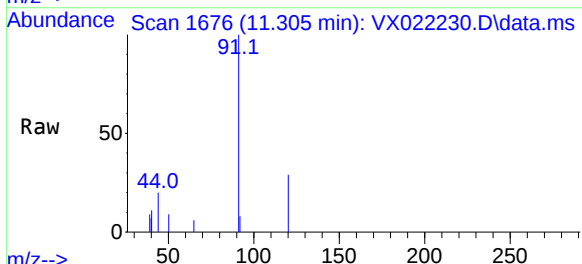
Instrument :
MSVOA_X
ClientSampled :
VIBLK

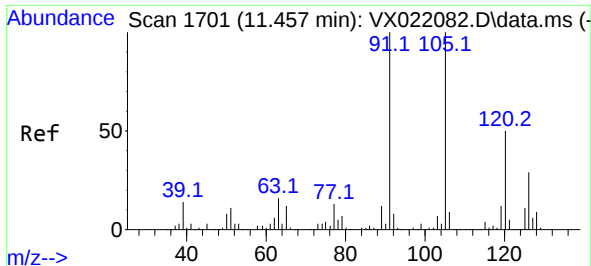
Tgt Ion: 75 Resp: 31706
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#78
n-propylbenzene
Concen: 0.21 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 91 Resp: 1012
Ion Ratio Lower Upper
91 100
120 27.0 11.5 34.5

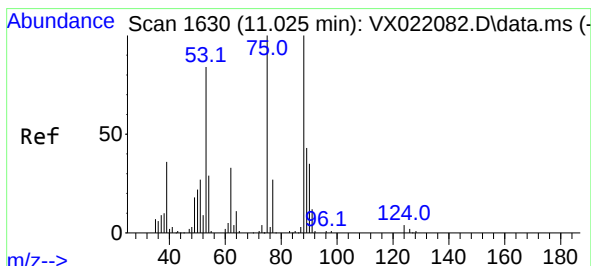
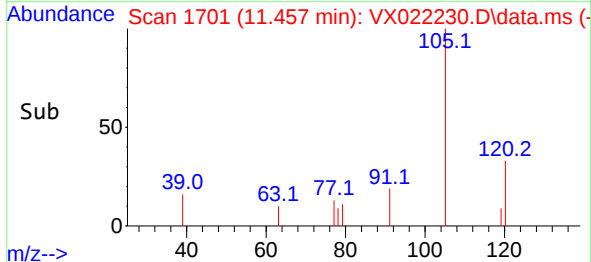
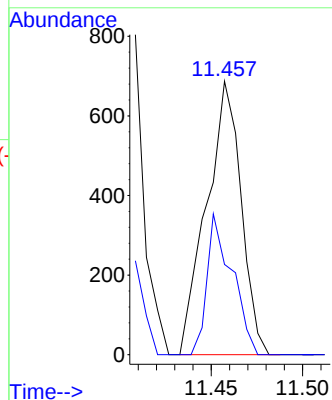
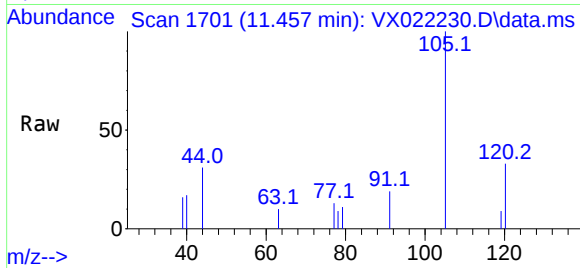




#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

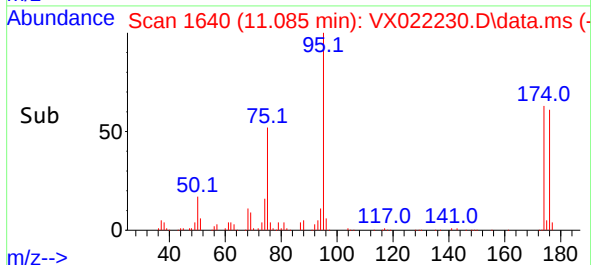
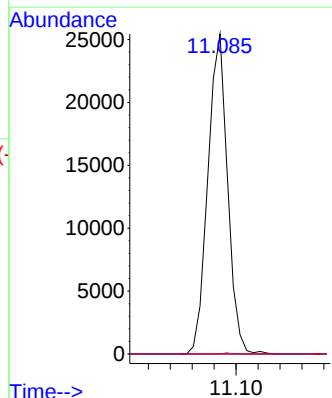
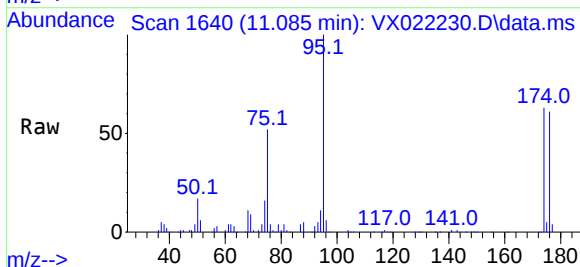
Instrument :
MSVOA_X
ClientSampled :
VIBLK

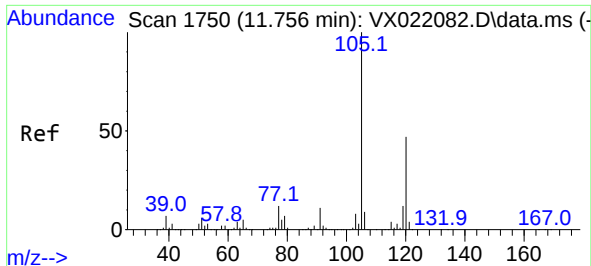
Tgt Ion:105 Resp: 905
Ion Ratio Lower Upper
105 100
120 37.1 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 61.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion: 75 Resp: 31706
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

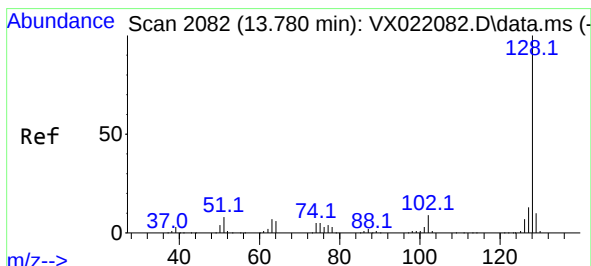
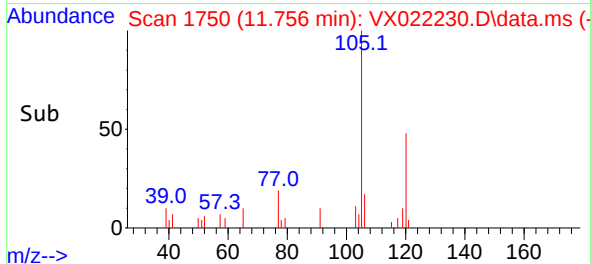
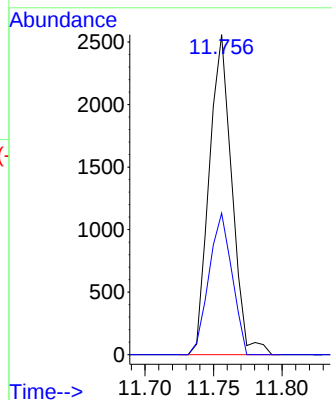
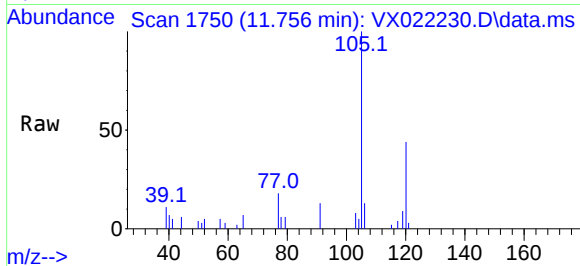




#84
1,2,4-Trimethylbenzene
Concen: 0.84 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Instrument :
MSVOA_X
ClientSampled :
VIBLK

Tgt Ion:105 Resp: 2947
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022230.D
Acq: 27 May 2021 14:19

Tgt Ion:128 Resp: 874
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 0.0 8.8 13.2#

