

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033520.D
 Acq On : 20 Dec 2022 19:53
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 21 04:17:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

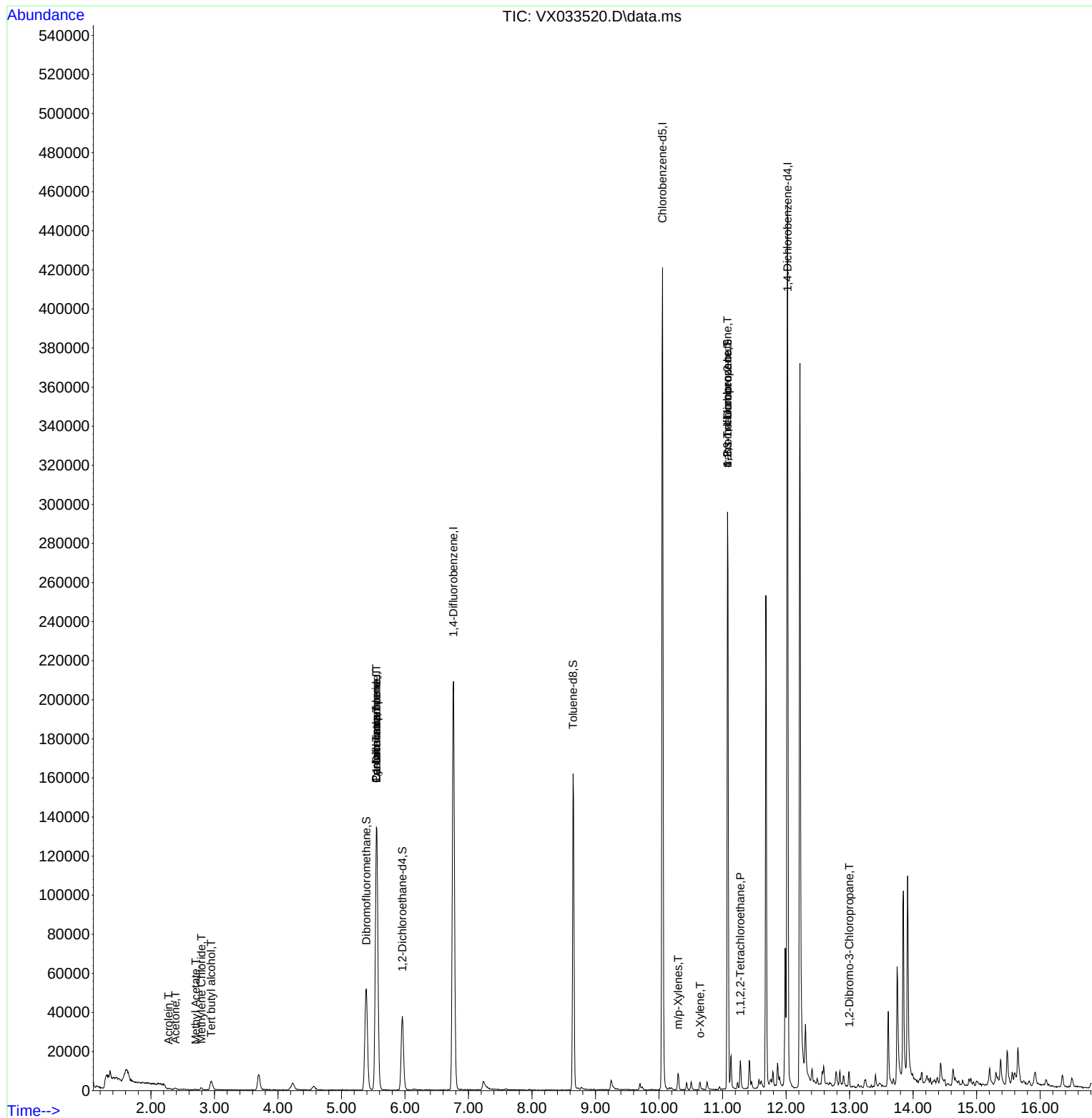
Internal Standards						
1) Pentafluorobenzene	5.550	168	136465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38002	43.407	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.820%		
35) Dibromofluoromethane	5.391	113	45934	43.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.440%		
50) Toluene-d8	8.647	98	101078	45.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.980%#		
62) 4-Bromofluorobenzene	11.079	95	81482	48.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.960%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	2338	8.735	ug/l #	85
13) Acrolein	2.276	56	342	1.178	ug/l #	14
16) Acetone	2.386	43	1117	1.724	ug/l	89
18) Methyl Acetate	2.703	43	463	0.247	ug/l #	51
20) Methylene Chloride	2.794	84	629	0.435	ug/l #	52
31) Cyclohexane	5.550	56	2505	1.204	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9462	4.619	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13258	5.777	ug/l #	16
68) m/p-Xylenes	10.299	106	2225	0.787	ug/l	98
69) o-Xylene	10.646	106	850	0.304	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.280	83	2258	0.977	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	38487	18.826	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38487	58.563	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	12.993	75	110	0.220	ug/l #	1

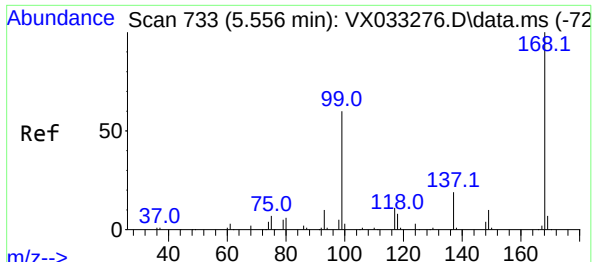
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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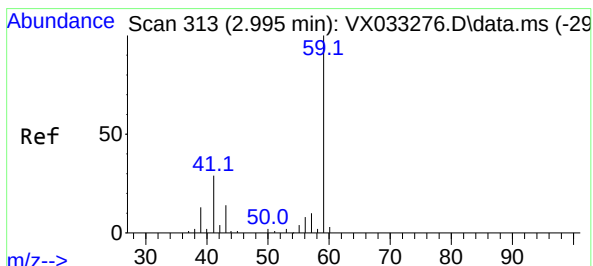
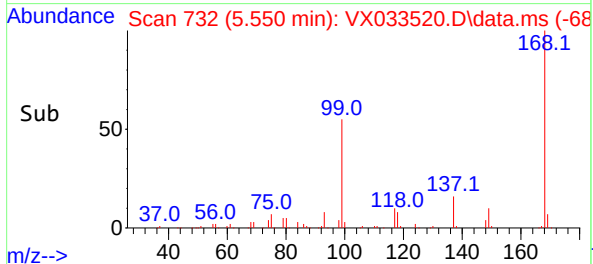
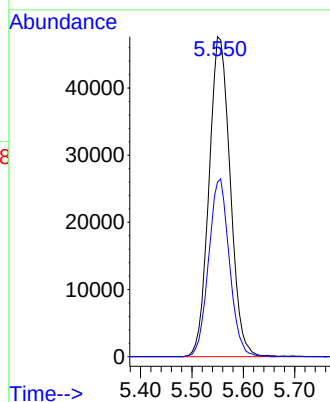
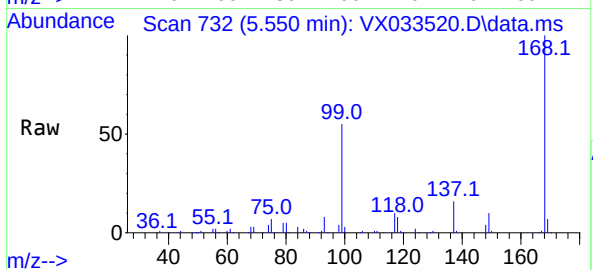




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

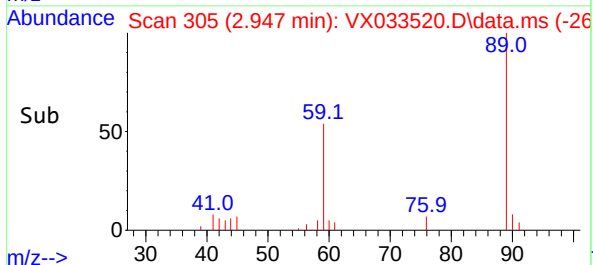
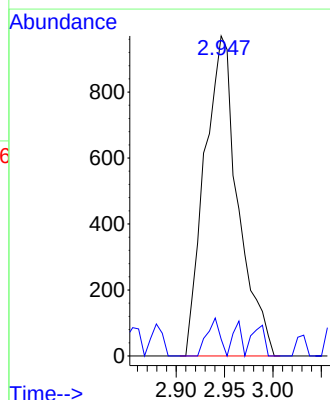
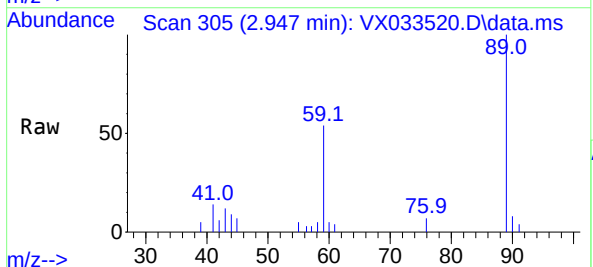
Instrument :
MSVOA_X
ClientSampleId :
IBLK

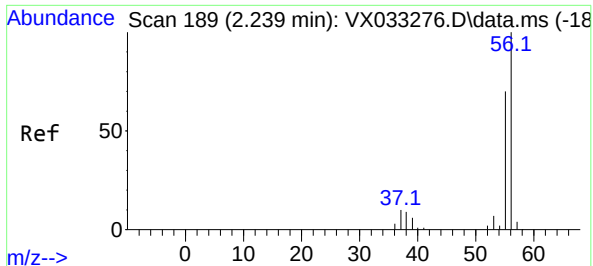
Tgt Ion:168 Resp: 136465
Ion Ratio Lower Upper
168 100
99 54.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 8.735 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion: 59 Resp: 2338
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4#

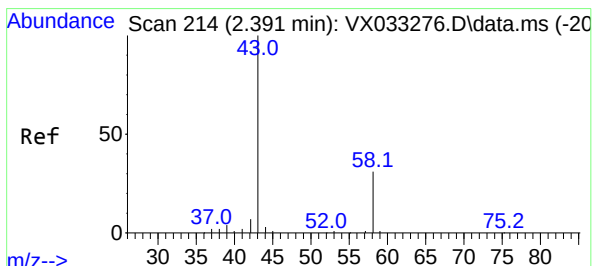
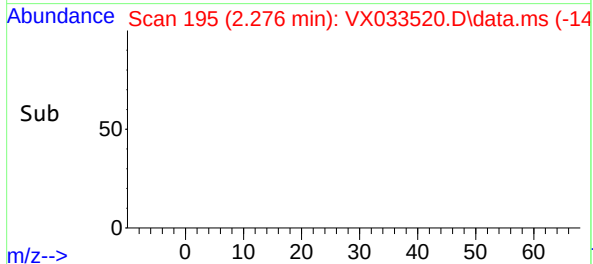
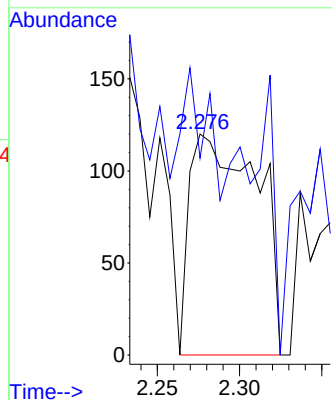
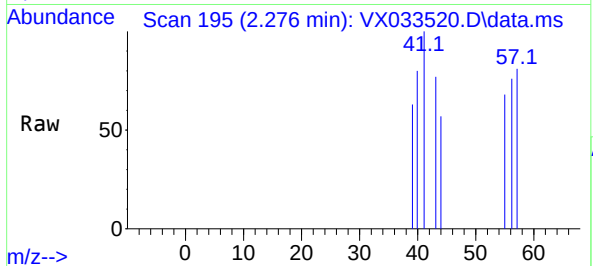




#13
Acrolein
Concen: 1.178 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.037 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

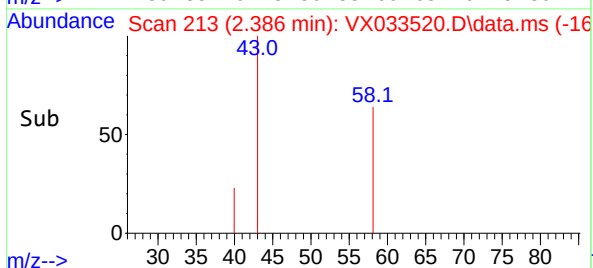
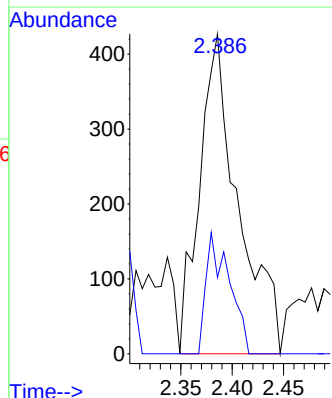
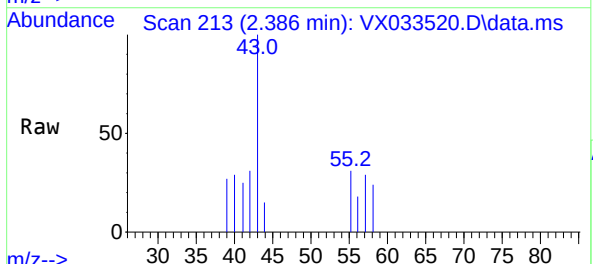
Instrument : MSVOA_X
ClientSampleId : IBLK

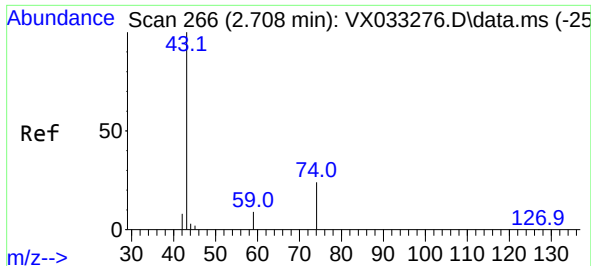
Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



#16
Acetone
Concen: 1.724 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 23.9 23.8 35.8





#18

Methyl Acetate

Concen: 0.247 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX033520.D

Acq: 20 Dec 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

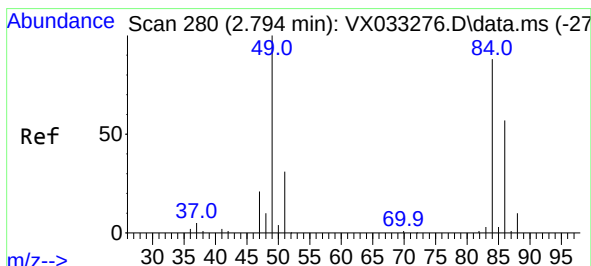
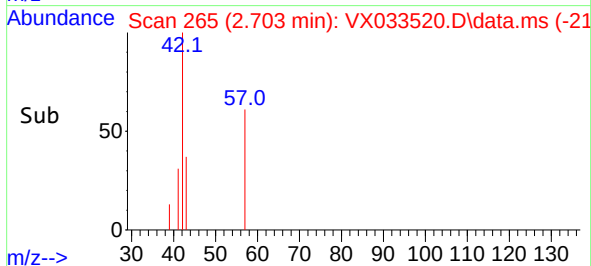
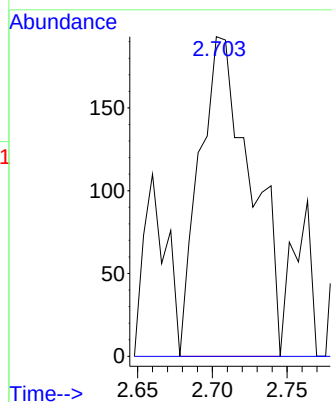
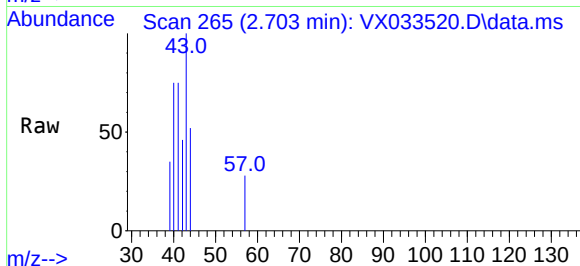
IBLK

Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 0.435 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033520.D

Acq: 20 Dec 2022 19:53

Tgt Ion: 84 Resp: 629

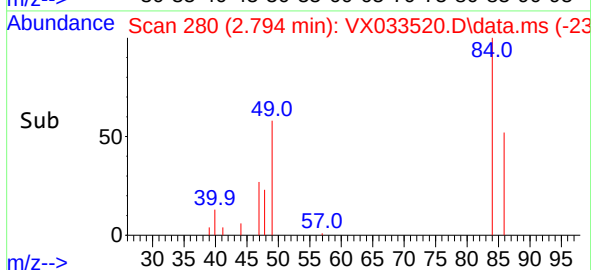
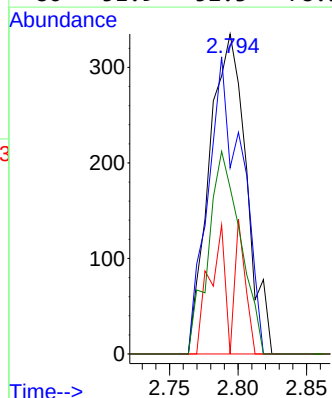
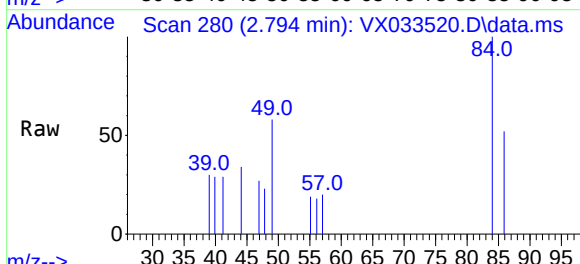
Ion Ratio Lower Upper

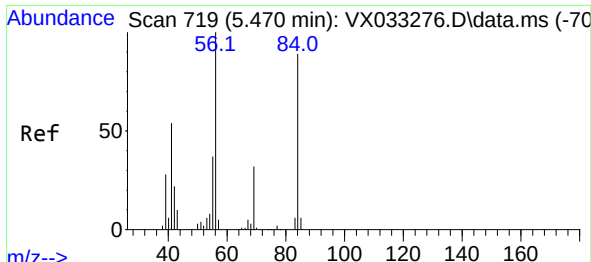
84 100

49 58.2 101.0 151.6#

51 0.0 31.1 46.7#

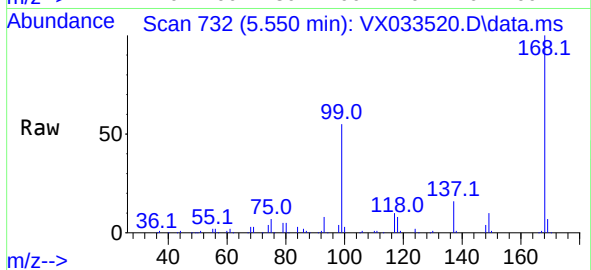
86 51.9 52.3 78.5#



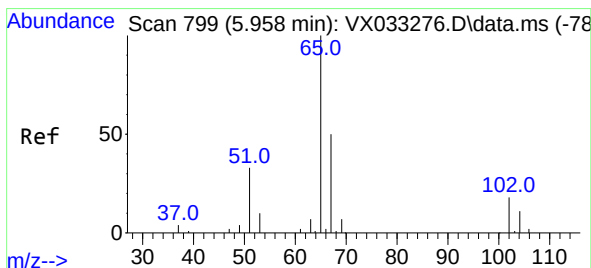
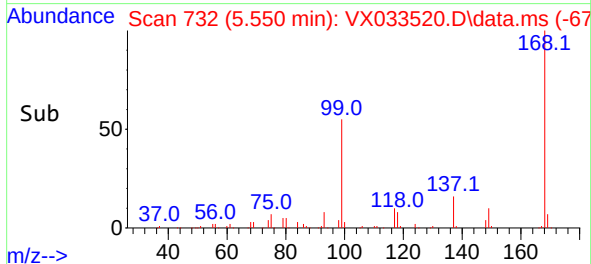
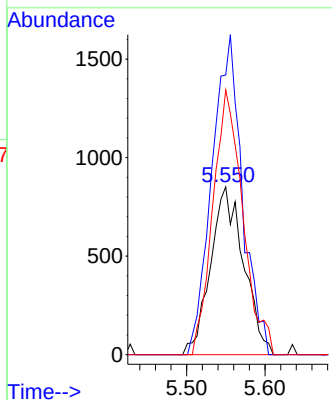


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
IBLK

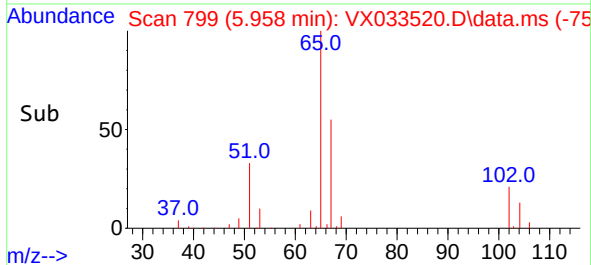
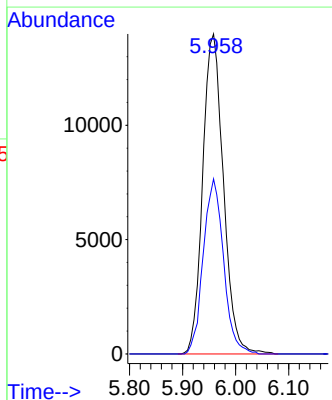
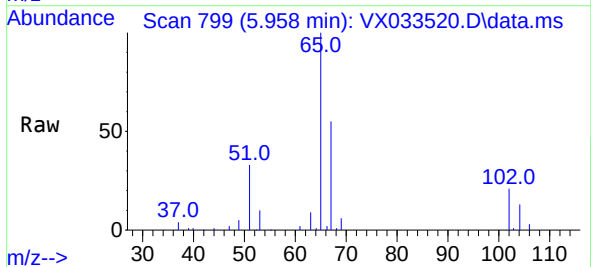


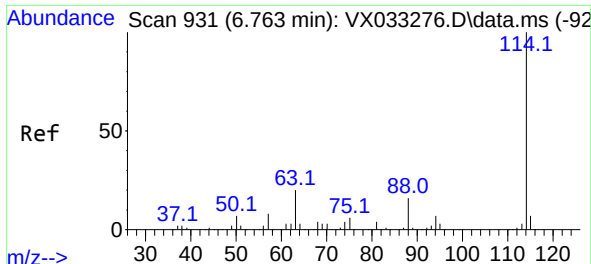
Tgt Ion: 56 Resp: 2505
Ion Ratio Lower Upper
56 100
69 166.5 24.1 36.1#
84 157.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 43.407 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion: 65 Resp: 38002
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

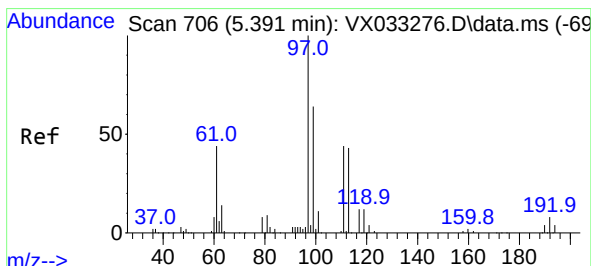
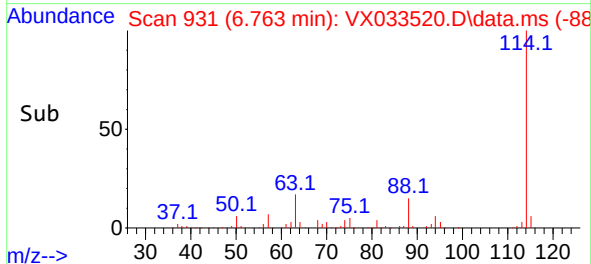
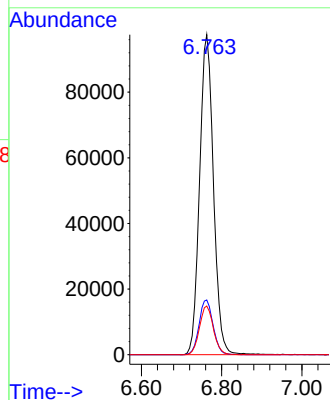
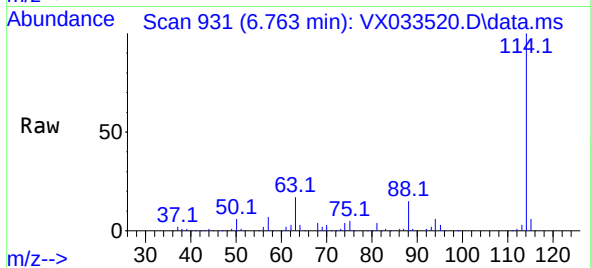




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

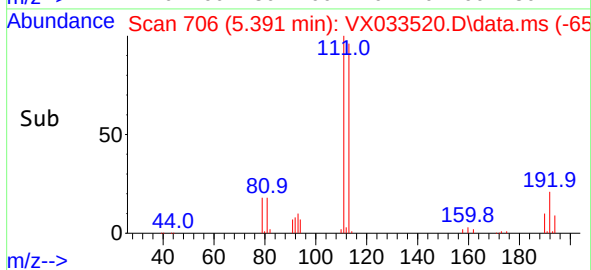
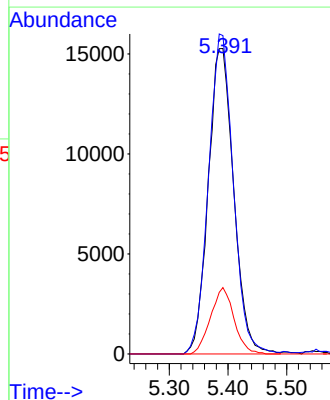
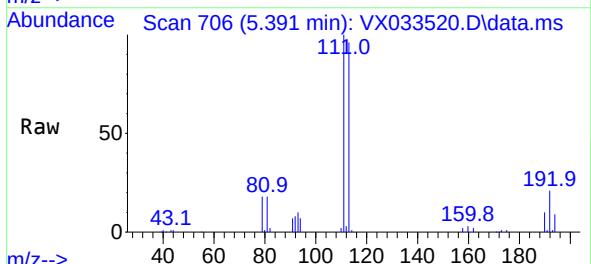
Instrument :
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IBLK

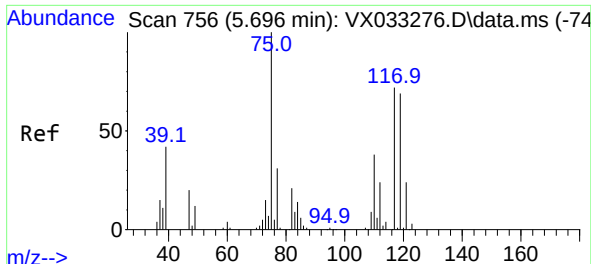
Tgt Ion:114 Resp: 233601
Ion Ratio Lower Upper
114 100
63 17.1 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 43.718 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion:113 Resp: 45934
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 20.0 15.4 23.2

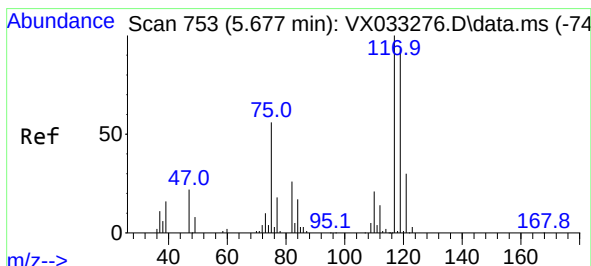
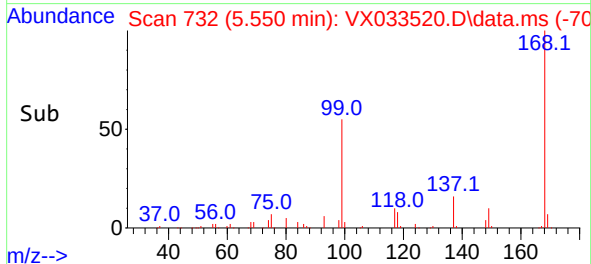
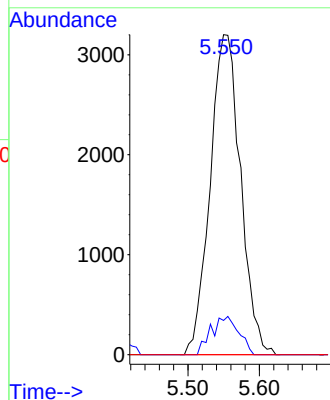
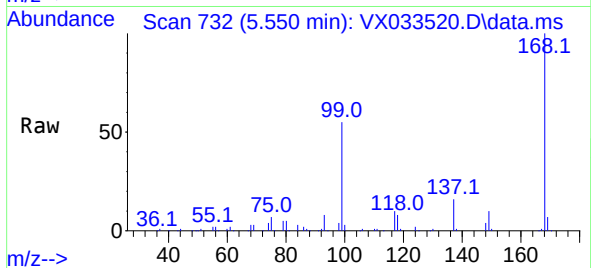




#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

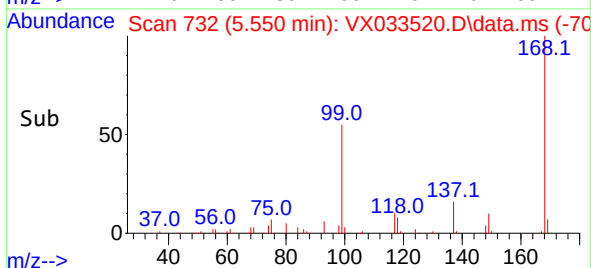
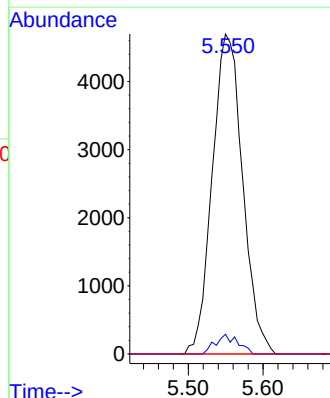
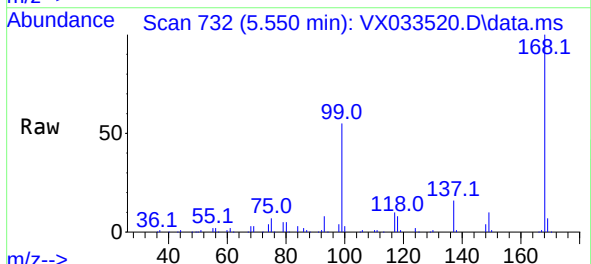
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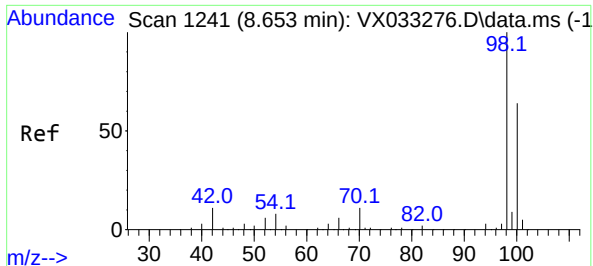
Tgt Ion: 75 Resp: 9462
Ion Ratio Lower Upper
75 100
110 10.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion: 117 Resp: 13258
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 25.8 38.6#

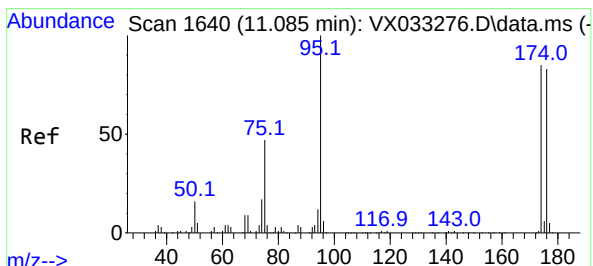
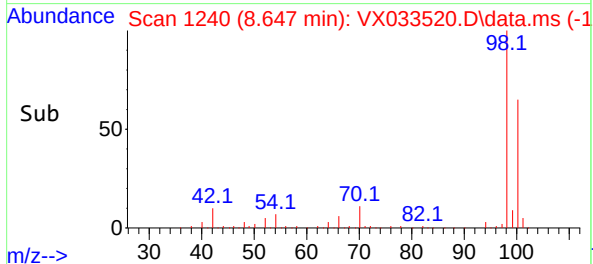
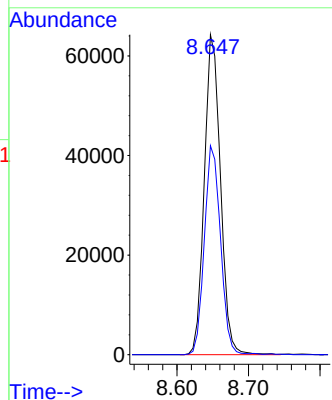
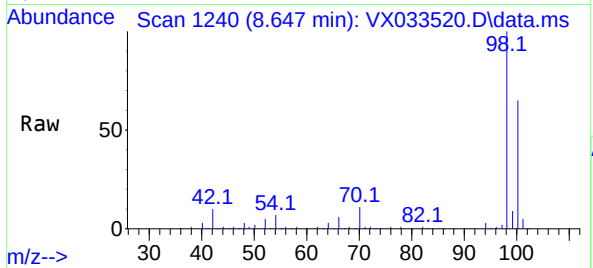




#50
Toluene-d8
Concen: 45.987 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

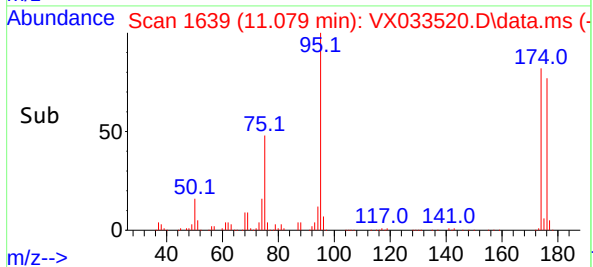
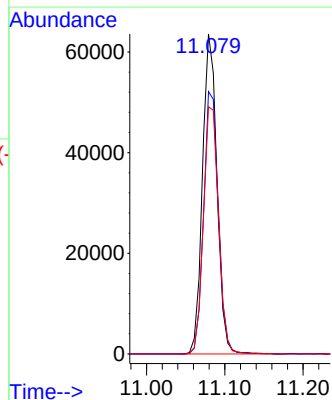
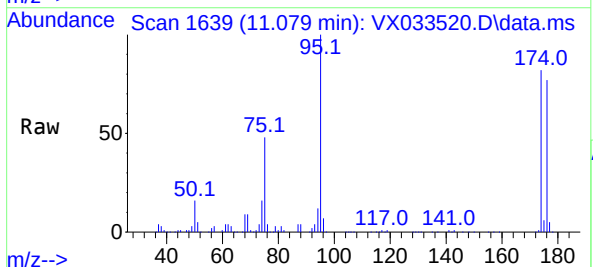
Instrument :
MSVOA_X
ClientSampleId :
IBLK

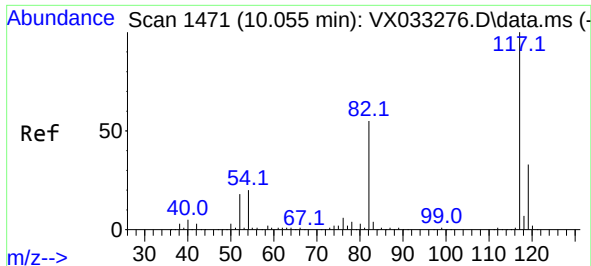
Tgt Ion: 98 Resp: 101078
Ion Ratio Lower Upper
98 100
100 65.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion: 95 Resp: 81482
Ion Ratio Lower Upper
95 100
174 83.6 0.0 164.0
176 80.9 0.0 154.4

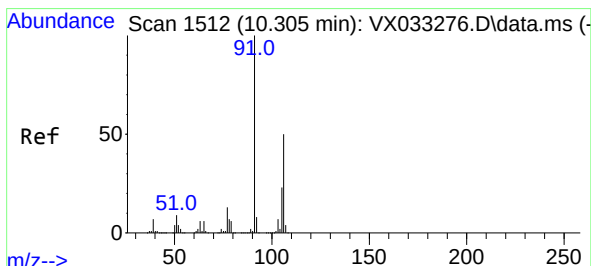
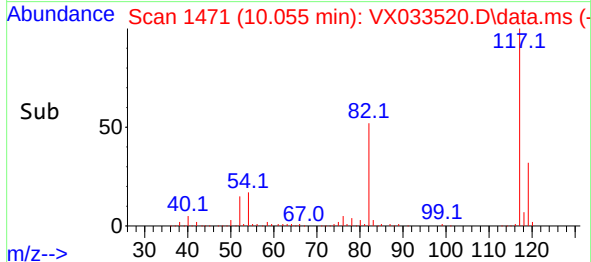
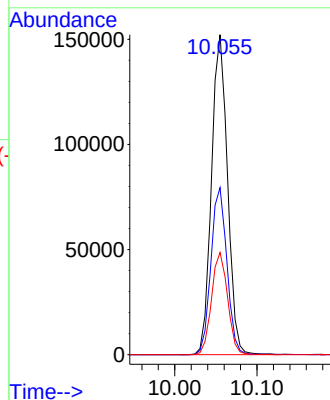
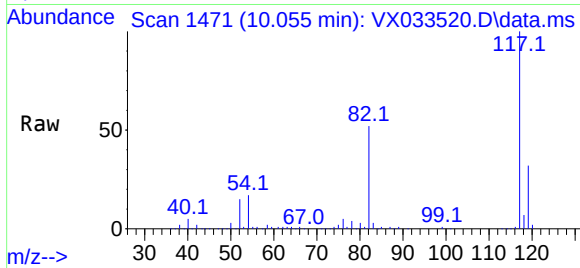




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

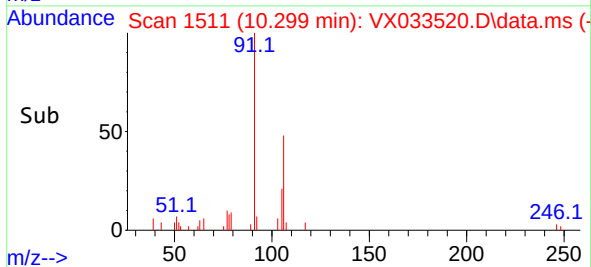
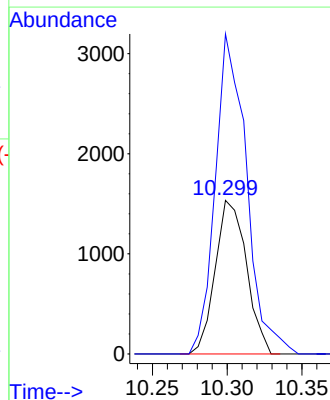
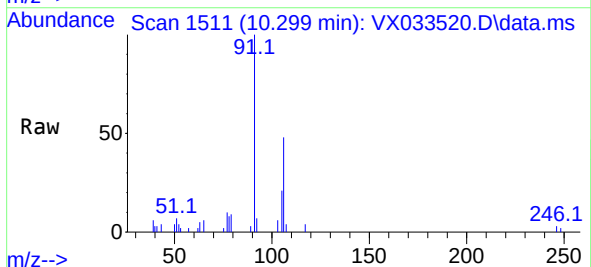
Instrument :
MSVOA_X
ClientSampleId :
IBLK

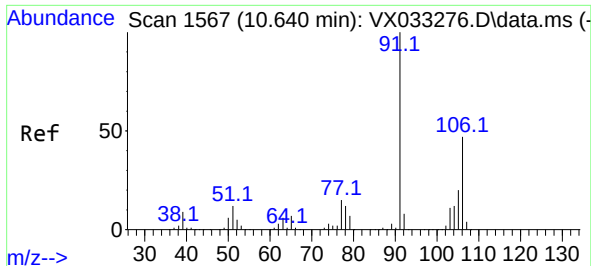
Tgt Ion:117 Resp: 206062
Ion Ratio Lower Upper
117 100
82 52.2 44.3 66.5
119 32.0 25.7 38.5



#68
m/p-Xylenes
Concen: 0.787 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion:106 Resp: 2225
Ion Ratio Lower Upper
106 100
91 208.7 164.5 246.7

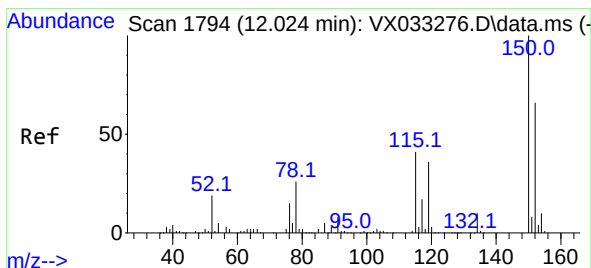
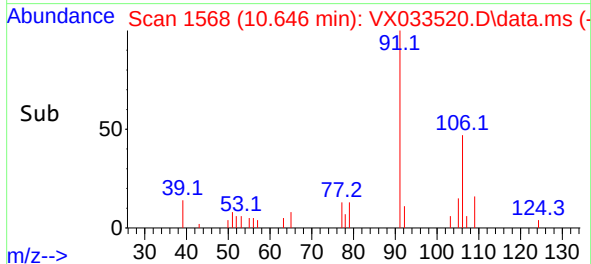
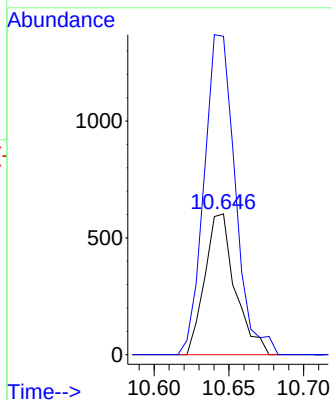
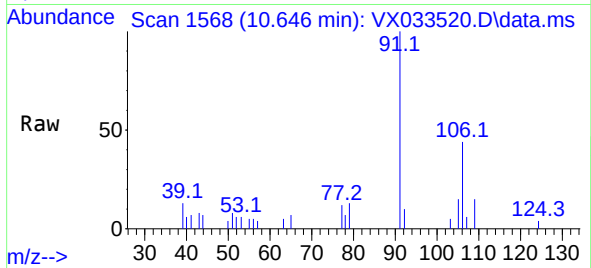




#69
o-Xylene
Concen: 0.304 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

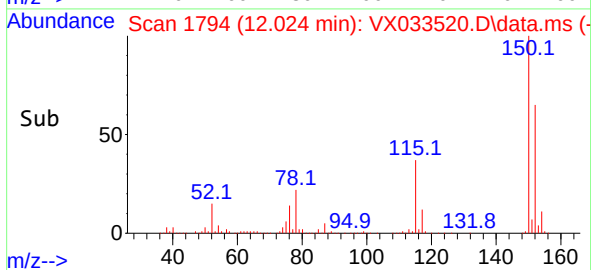
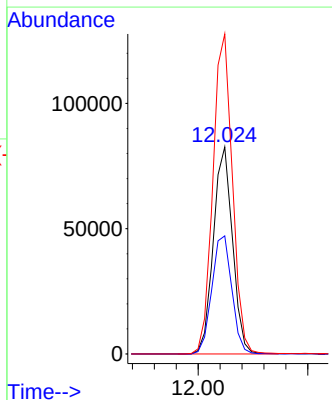
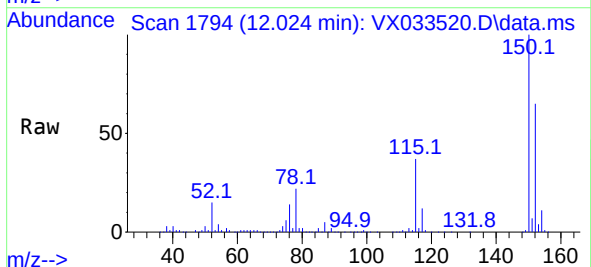
Instrument :
MSVOA_X
ClientSampleId :
IBLK

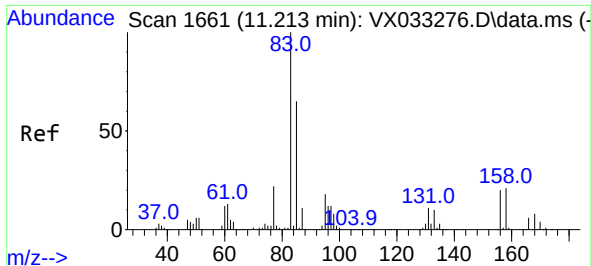
Tgt Ion:106 Resp: 850
Ion Ratio Lower Upper
106 100
91 233.4 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion:152 Resp: 100482
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 157.1 0.0 351.8

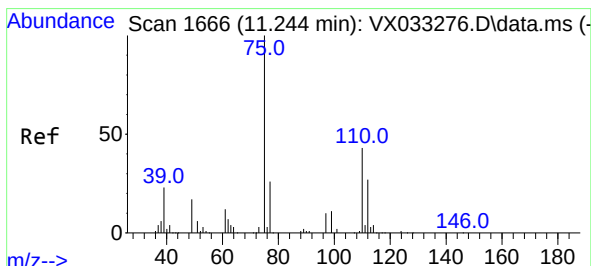
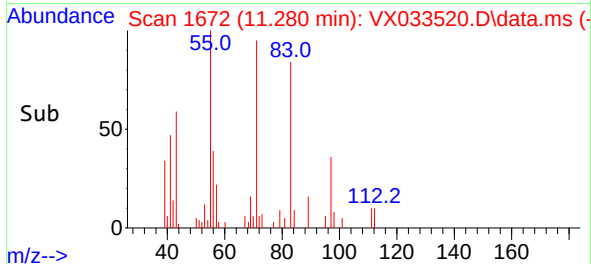
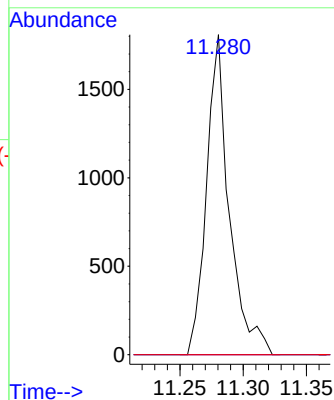
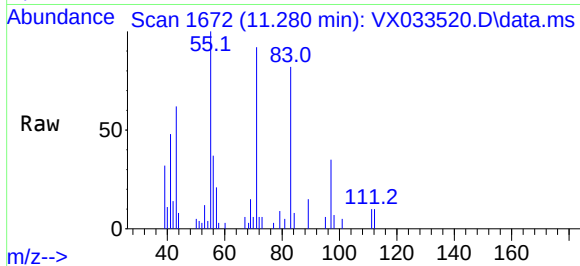




#75
1,1,2,2-Tetrachloroethane
Concen: 0.977 ug/l
RT: 11.280 min Scan# 1639
Delta R.T. 0.067 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

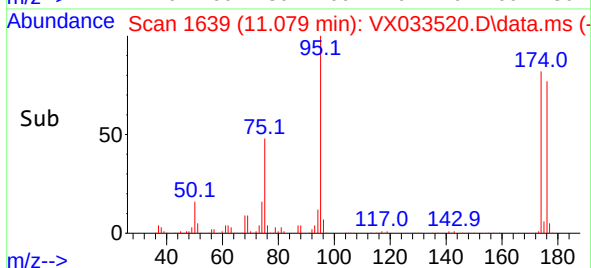
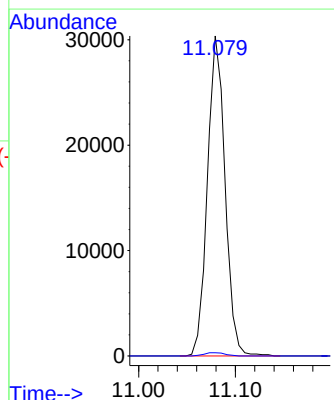
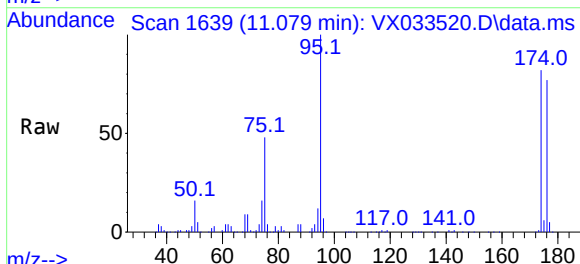
Instrument :
MSVOA_X
ClientSampleId :
IBLK

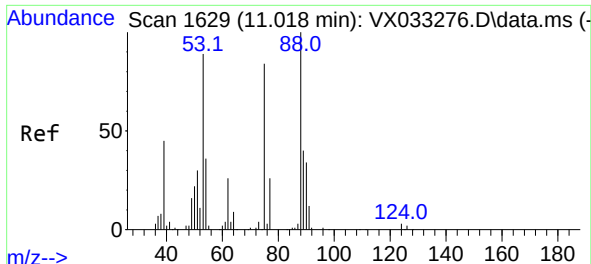
Tgt Ion: 83 Resp: 2258
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 0.0 31.9 95.9#



#76
1,2,3-Trichloropropane
Concen: 18.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion: 75 Resp: 38487
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#

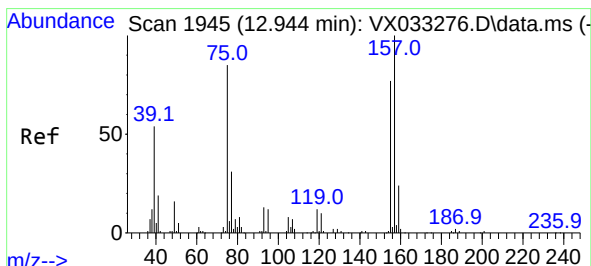
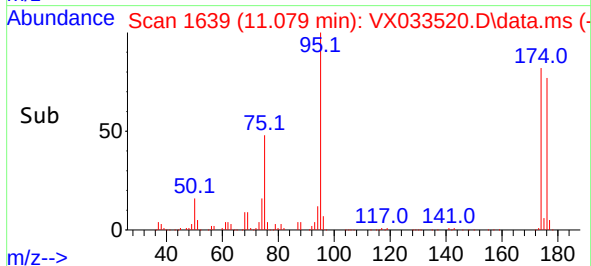
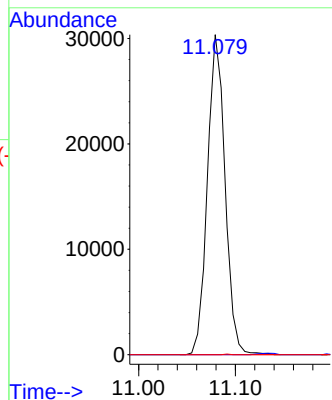
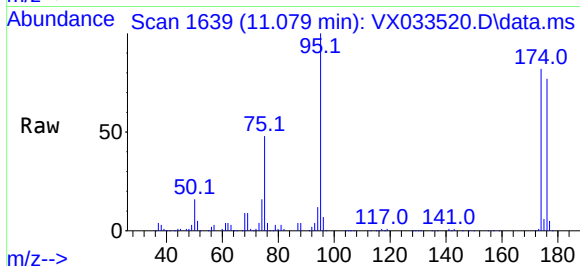




#81
trans-1,4-Dichloro-2-butene
Concen: 58.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 38487
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.220 ug/l
RT: 12.993 min Scan# 1953
Delta R.T. 0.049 min
Lab File: VX033520.D
Acq: 20 Dec 2022 19:53

Tgt Ion: 75 Resp: 110
Ion Ratio Lower Upper
75 100
155 0.0 41.6 124.8#
157 0.0 54.1 162.4#

