

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034276.D
 Acq On : 27 Feb 2023 14:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 28 04:08:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

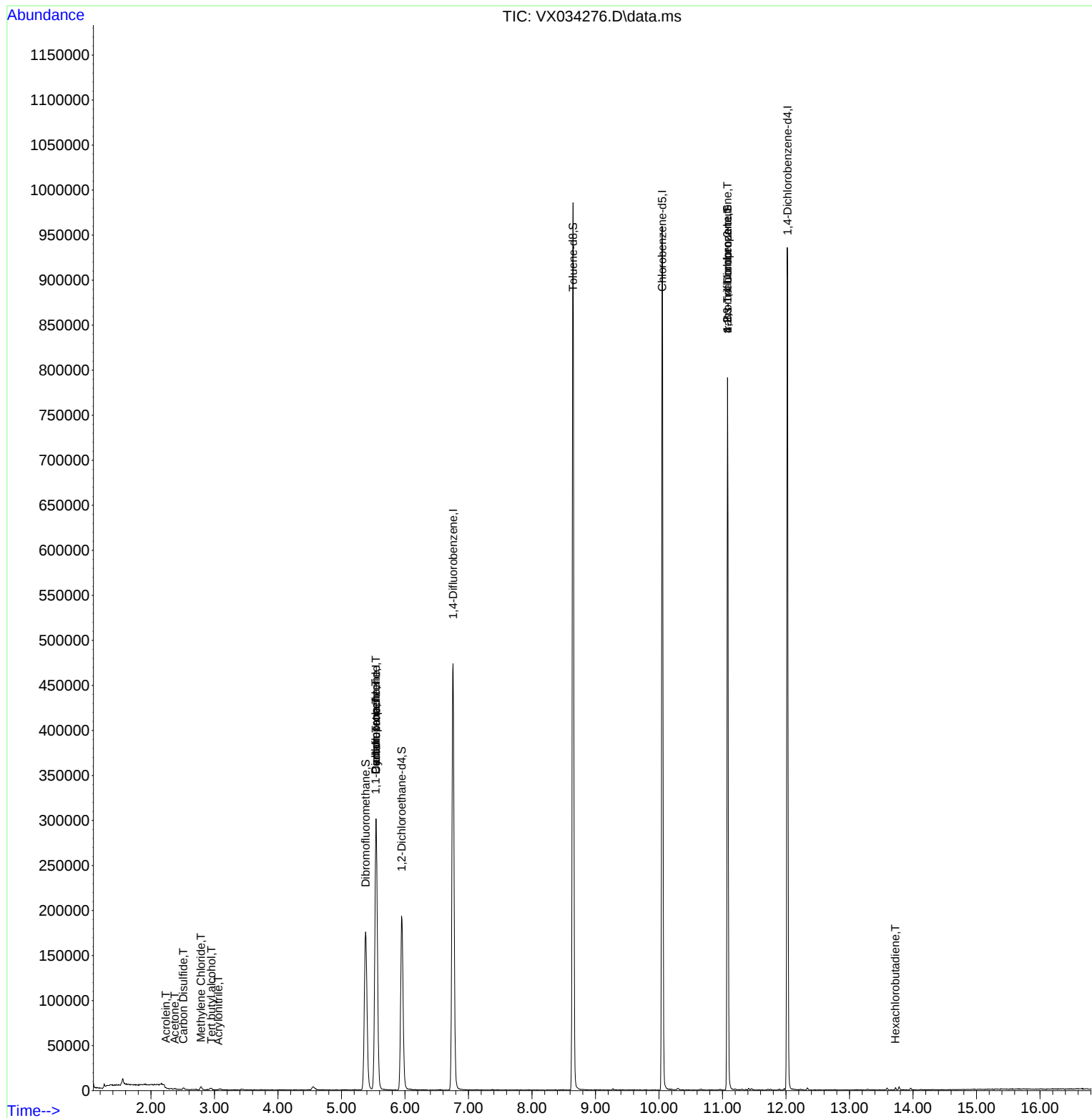
Internal Standards						
1) Pentafluorobenzene	5.544	168	301843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	497000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	442287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	175673	43.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.420%		
35) Dibromofluoromethane	5.379	113	156698	48.424	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.840%		
50) Toluene-d8	8.647	98	592236	50.975	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.940%		
62) 4-Bromofluorobenzene	11.079	95	204395	45.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.980%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.557	94	26	Below Cal	#	78
11) Tert butyl alcohol	2.953	59	1271	1.398	ug/l #	86
13) Acrolein	2.233	56	272	0.655	ug/l #	14
15) Acrylonitrile	3.063	53	594	0.299	ug/l #	59
16) Acetone	2.374	43	872	0.416	ug/l #	86
17) Carbon Disulfide	2.508	76	2294	0.244	ug/l #	90
20) Methylene Chloride	2.788	84	1763	0.467	ug/l	90
31) Cyclohexane	5.544	56	6390	1.053	ug/l #	38
36) 1,1-Dichloropropene	5.538	75	22018	4.601	ug/l #	48
38) Carbon Tetrachloride	5.544	117	28168	5.720	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	100925	20.123	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	100925	51.694	ug/l #	8
94) Hexachlorobutadiene	13.719	225	426	0.239	ug/l	83

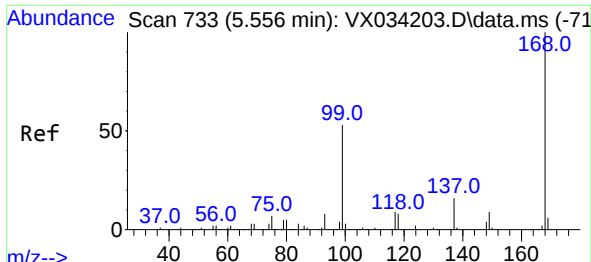
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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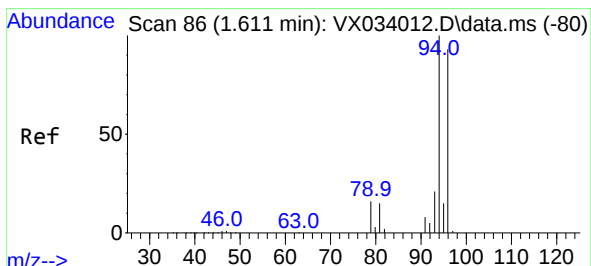
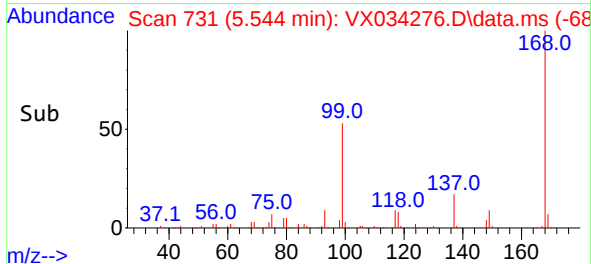
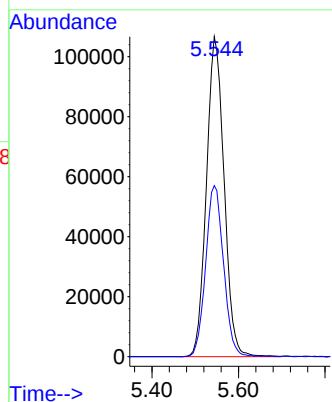
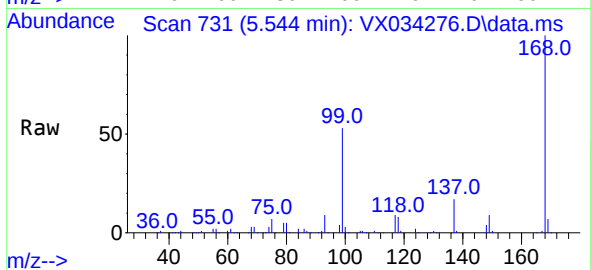




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

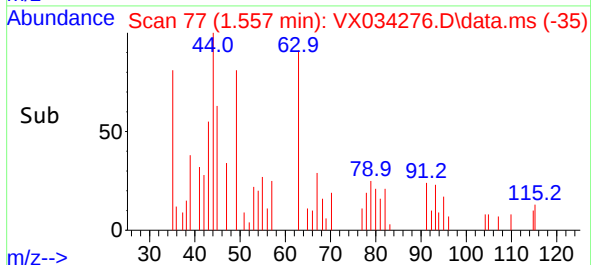
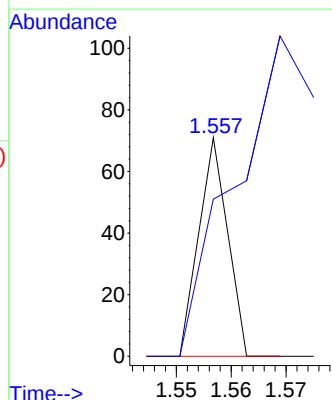
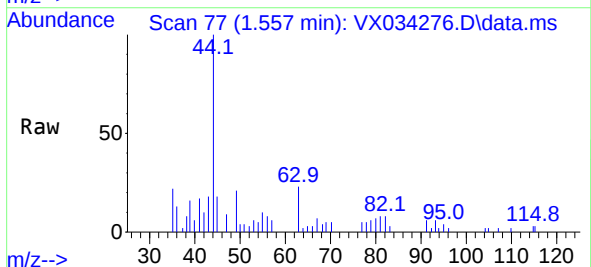
Instrument :
MSVOA_X
ClientSampleId :
IBLK

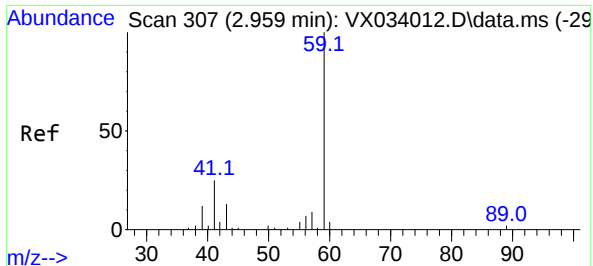
Tgt Ion:168 Resp: 301843
Ion Ratio Lower Upper
168 100
99 53.5 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.557 min Scan# 77
Delta R.T. -0.042 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 71.8 74.3 111.5#

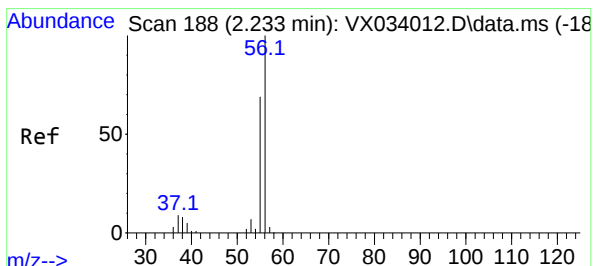
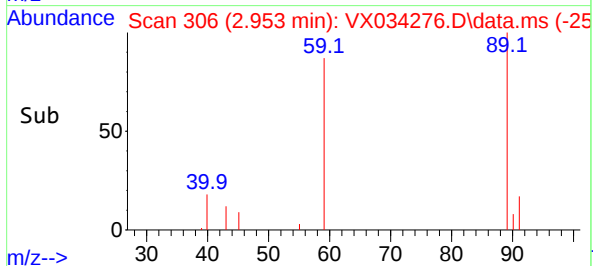
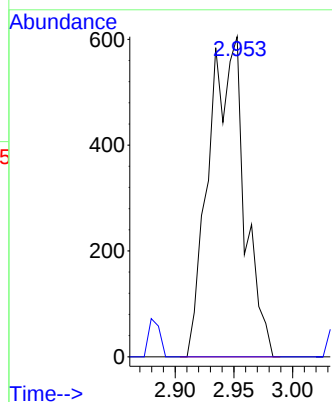
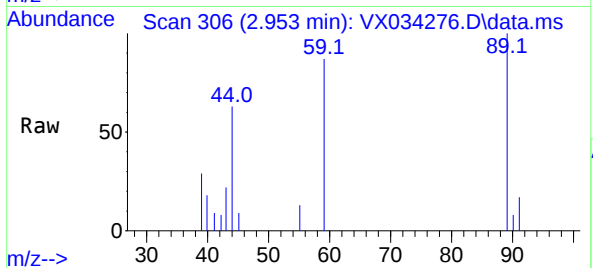




#11
Tert butyl alcohol
Concen: 1.398 ug/l
RT: 2.953 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

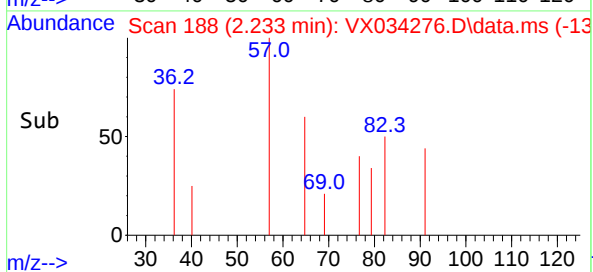
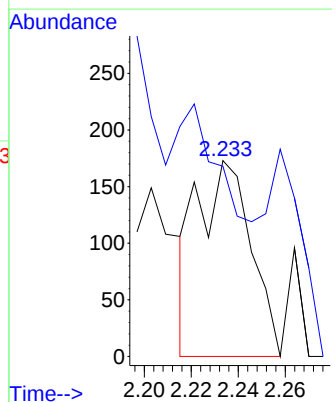
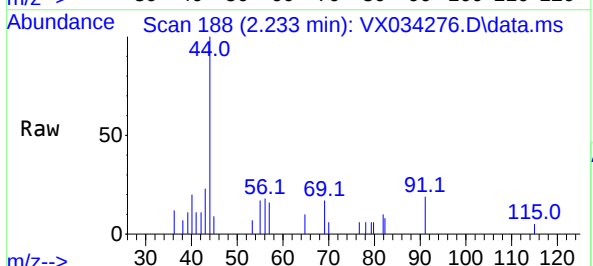
Instrument :
MSVOA_X
ClientSampleId :
IBLK

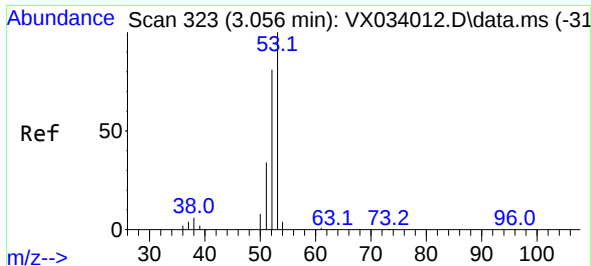
Tgt Ion: 59 Resp: 1271
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#13
Acrolein
Concen: 0.655 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Tgt Ion: 56 Resp: 272
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#





#15

Acrylonitrile

Concen: 0.299 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034276.D

Acq: 27 Feb 2023 14:55

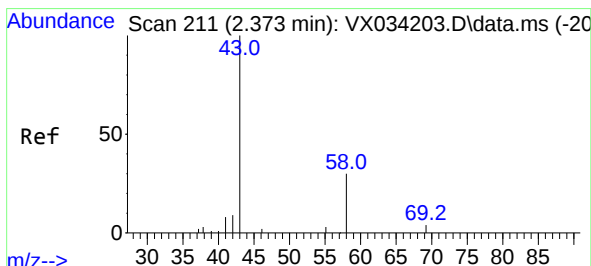
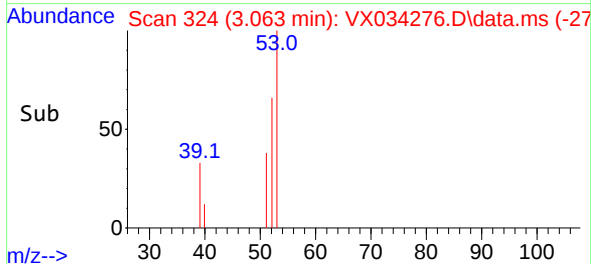
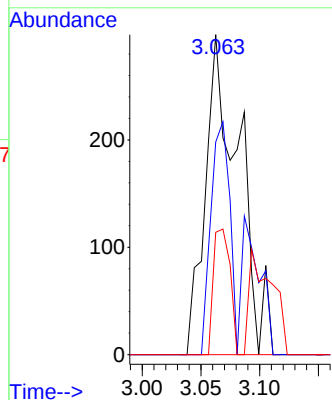
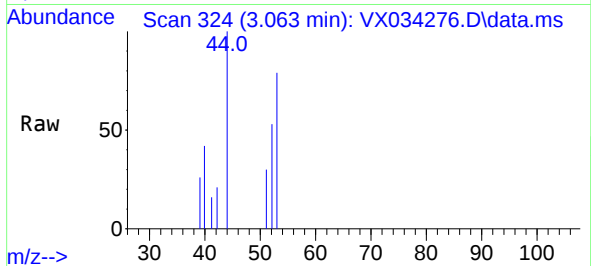
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 53	Resp: 594
Ion Ratio	Lower Upper
53 100	
52 40.6	65.7 98.5#
51 19.4	29.0 43.4#



#16

Acetone

Concen: 0.416 ug/l

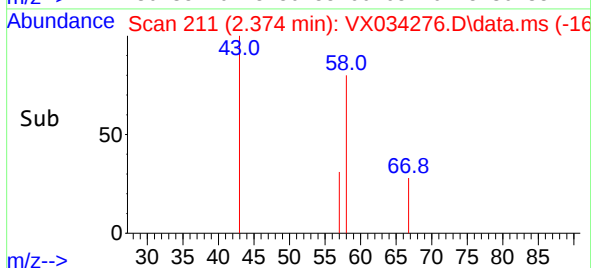
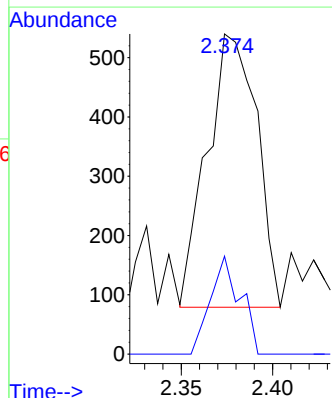
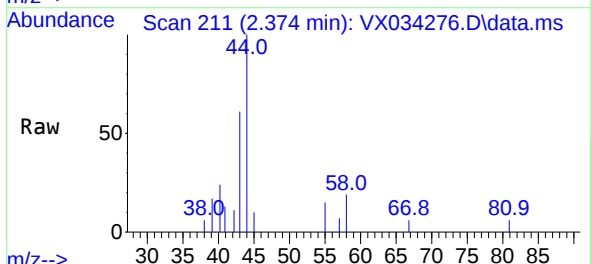
RT: 2.374 min Scan# 211

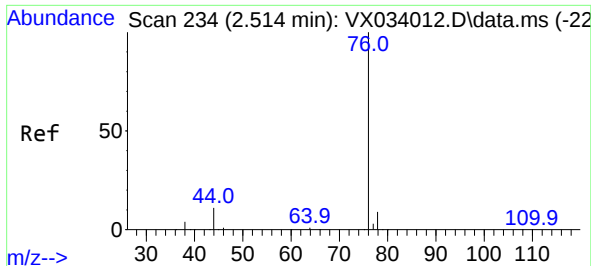
Delta R.T. 0.000 min

Lab File: VX034276.D

Acq: 27 Feb 2023 14:55

Tgt Ion: 43	Resp: 872
Ion Ratio	Lower Upper
43 100	
58 35.8	22.6 33.8#

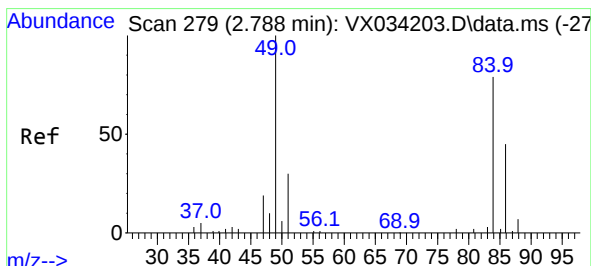
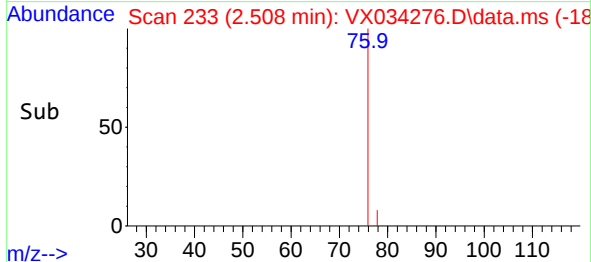
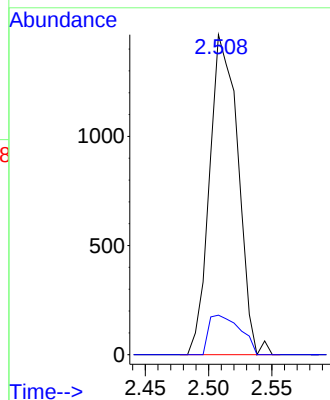
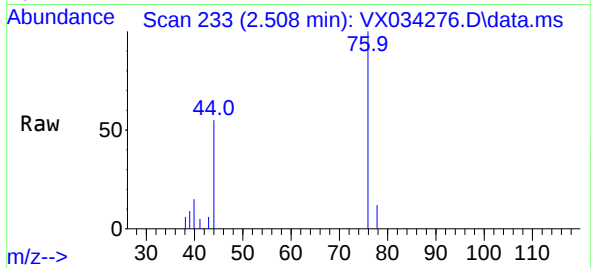




#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

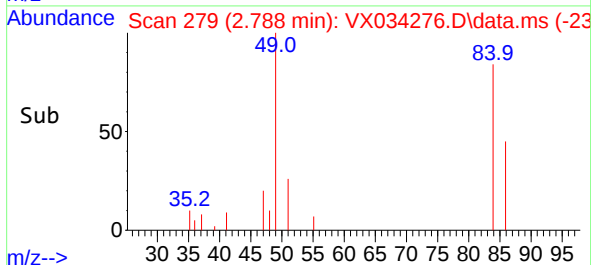
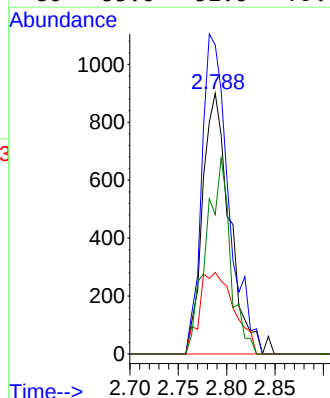
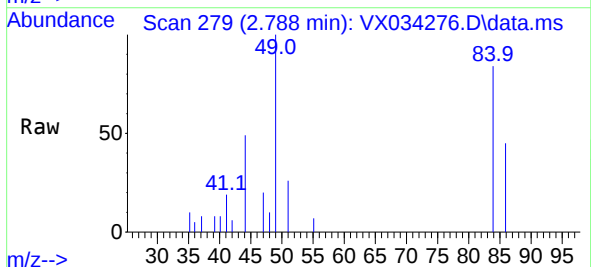
Instrument :
MSVOA_X
ClientSampleId :
IBLK

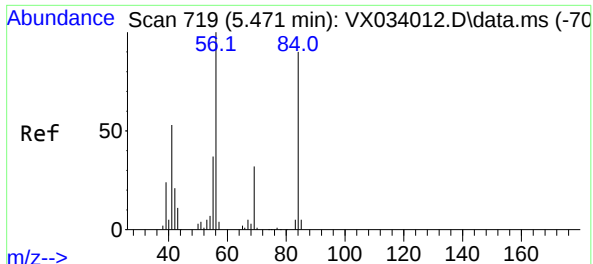
Tgt Ion: 76 Resp: 2294
Ion Ratio Lower Upper
76 100
78 12.3 7.0 10.6#



#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

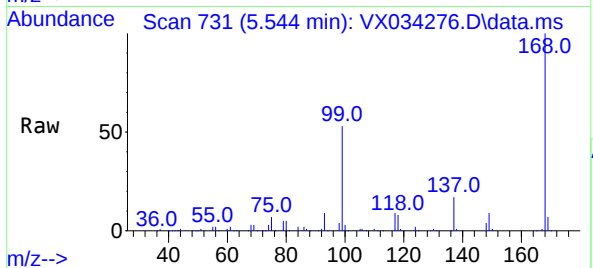
Tgt Ion: 84 Resp: 1763
Ion Ratio Lower Upper
84 100
49 118.6 101.1 151.7
51 31.3 31.0 46.6
86 53.6 52.6 79.0



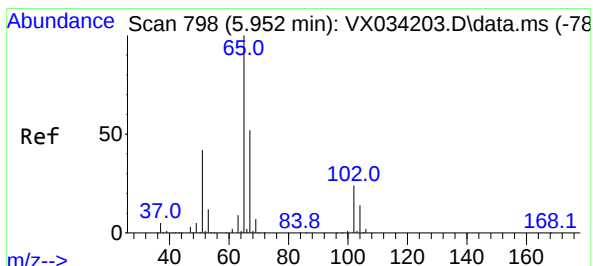
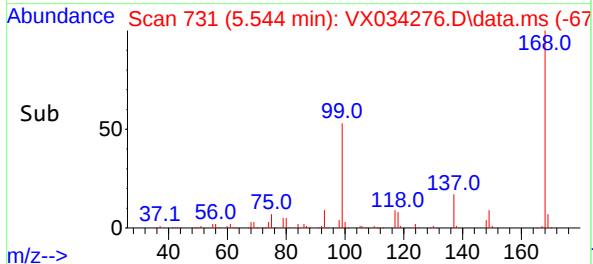
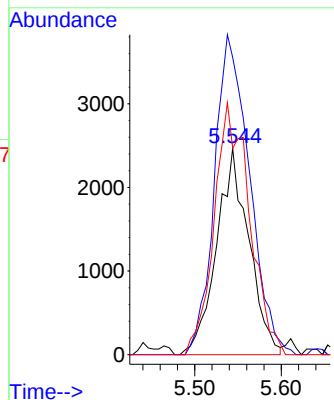


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

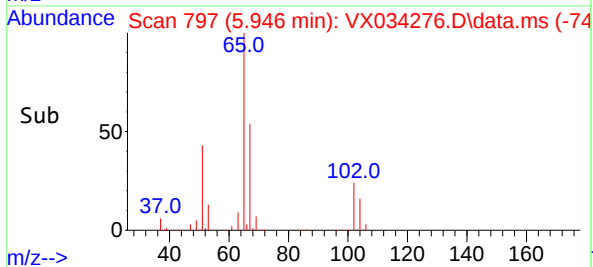
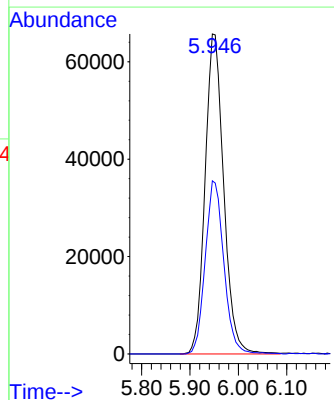
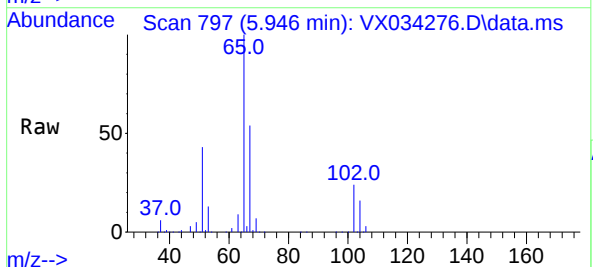


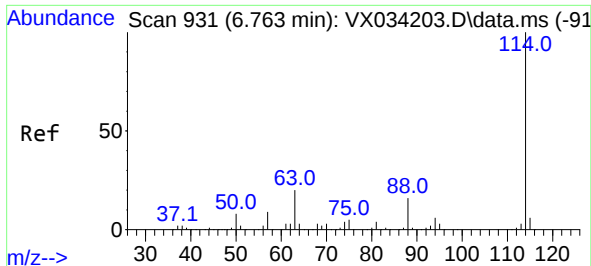
Tgt Ion: 56 Resp: 6390
Ion Ratio Lower Upper
56 100
69 143.9 24.6 37.0#
84 99.9 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 43.215 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Tgt Ion: 65 Resp: 175673
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.8

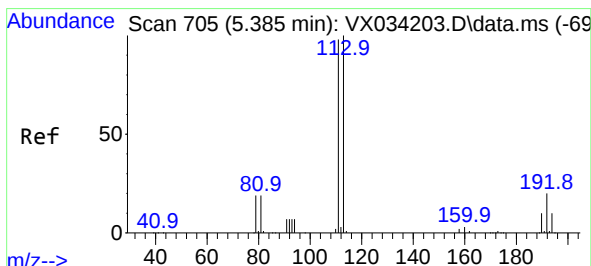
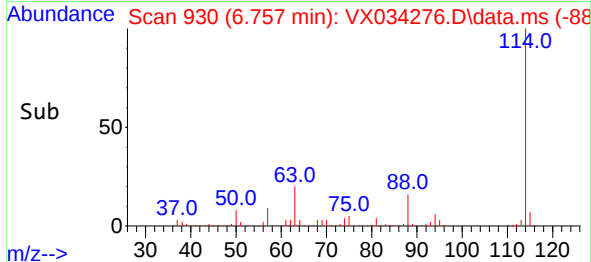
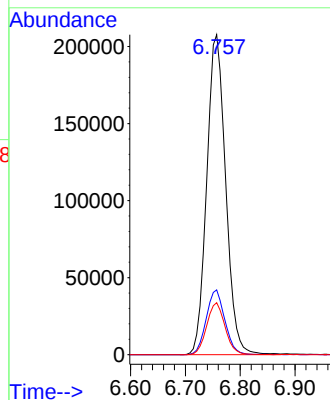
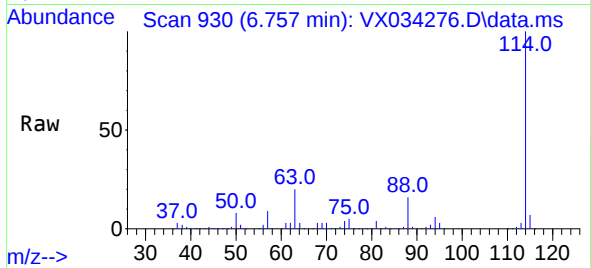




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

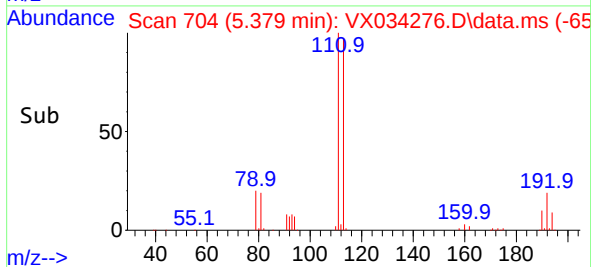
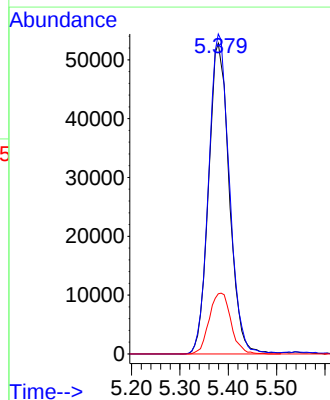
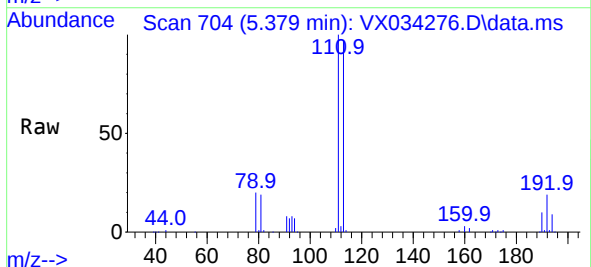
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IBLK

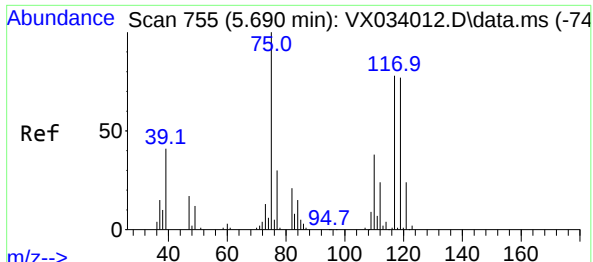
Tgt Ion:114 Resp: 497000
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.424 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Tgt Ion:113 Resp: 156698
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 20.6 19.0 28.4

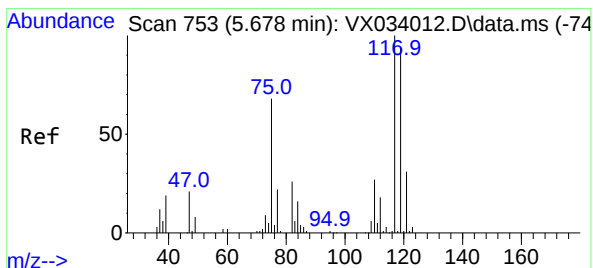
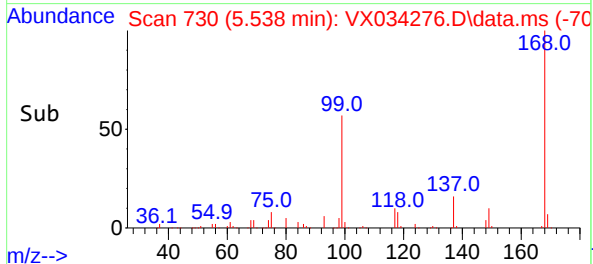
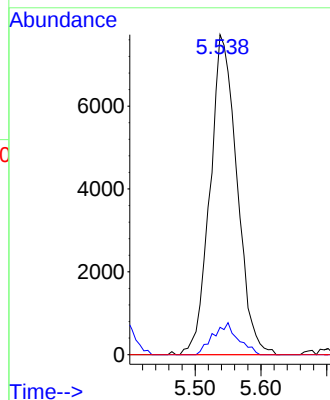
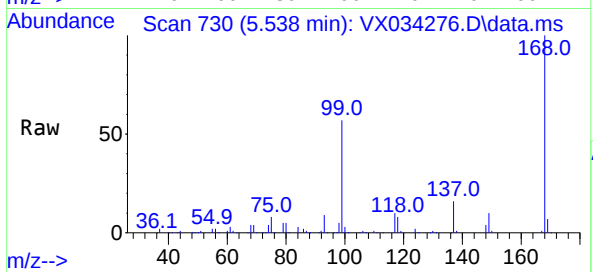




#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

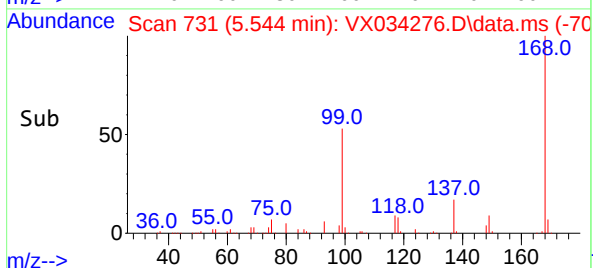
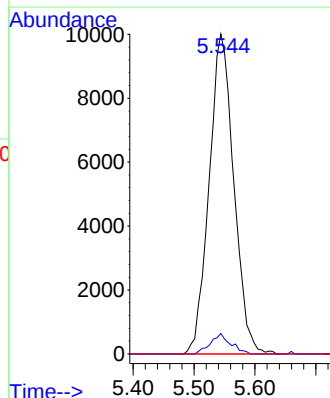
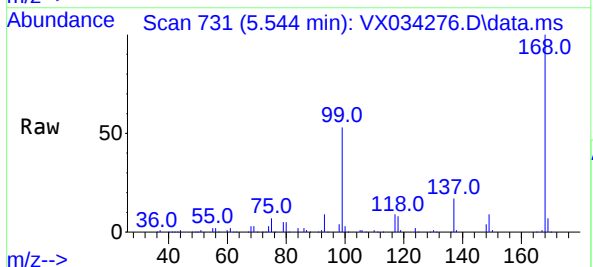
Instrument :
MSVOA_X
ClientSampleId :
IBLK

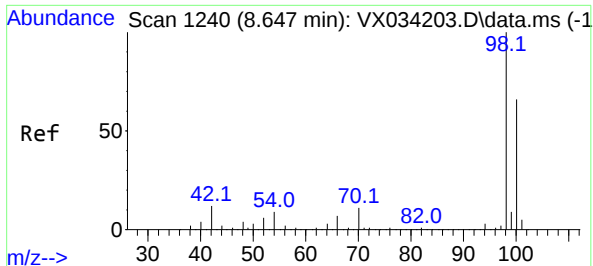
Tgt Ion: 75 Resp: 22018
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Tgt Ion: 117 Resp: 28168
Ion Ratio Lower Upper
117 100
119 6.4 78.0 117.0#
121 0.0 24.4 36.6#

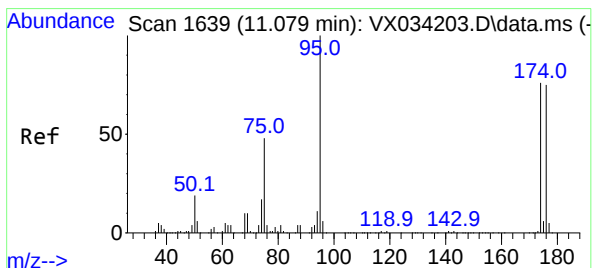
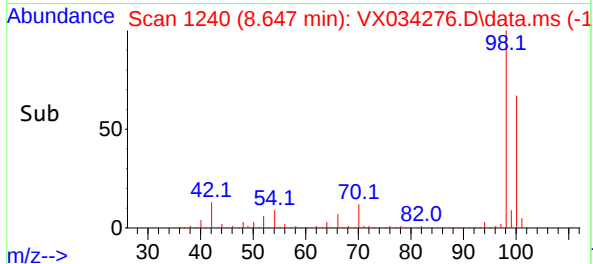
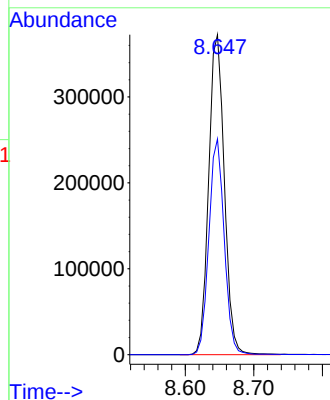
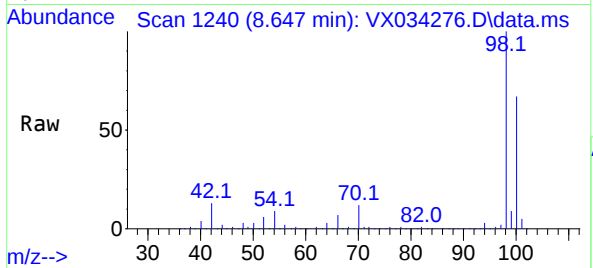




#50
Toluene-d8
Concen: 50.975 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

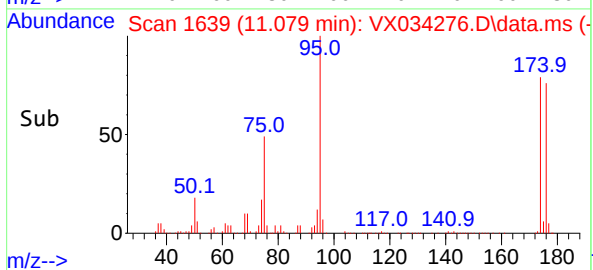
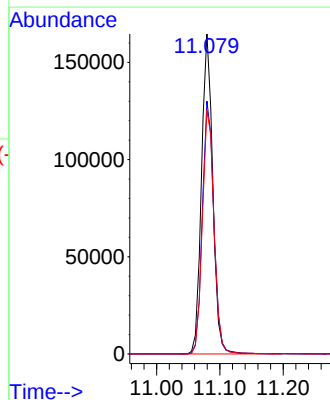
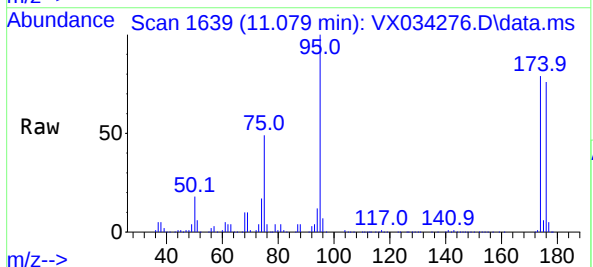
Instrument :
MSVOA_X
ClientSampleId :
IBLK

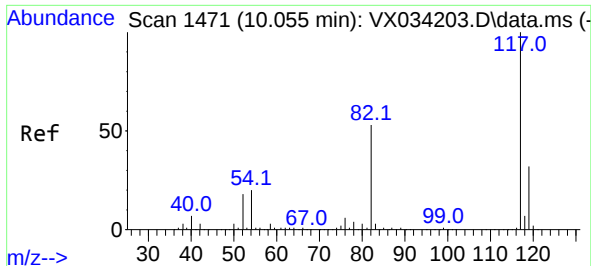
Tgt Ion: 98 Resp: 592236
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Tgt Ion: 95 Resp: 204395
Ion Ratio Lower Upper
95 100
174 80.5 0.0 184.4
176 78.7 0.0 178.8

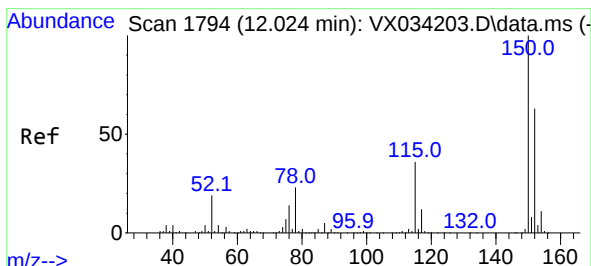
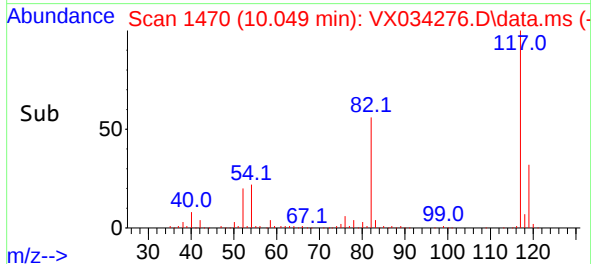
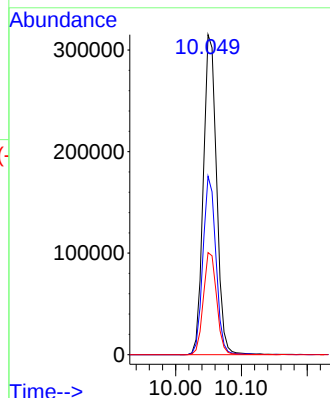
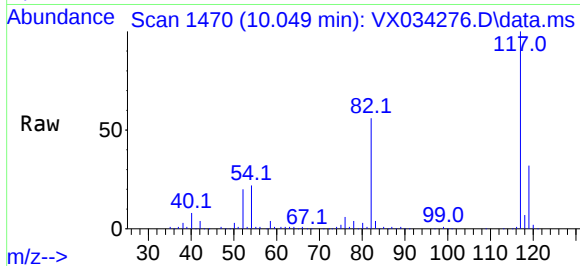




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

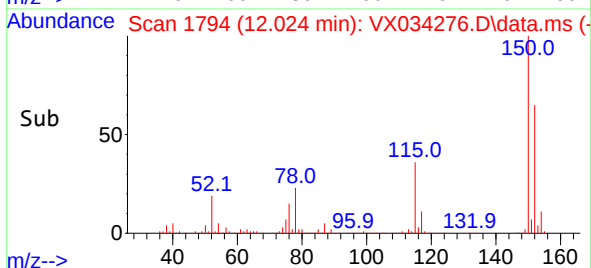
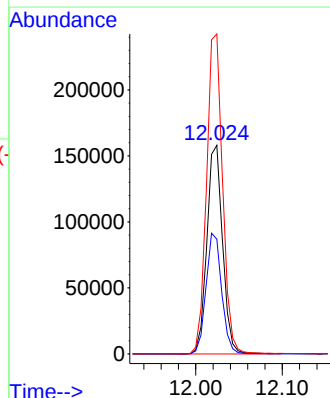
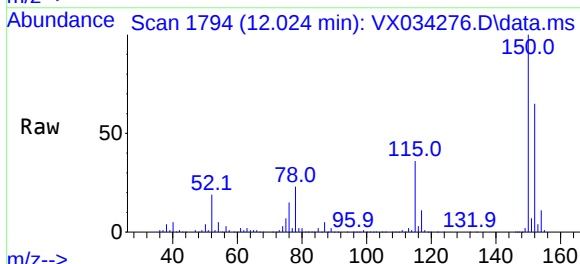
Instrument :
MSVOA_X
ClientSampleId :
IBLK

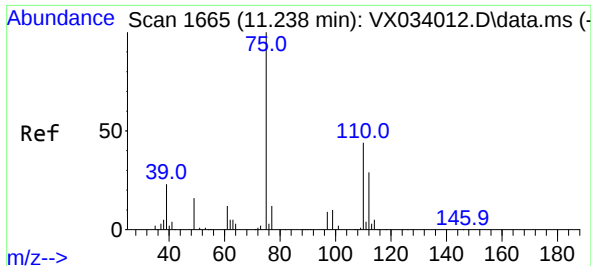
Tgt Ion:117 Resp: 442287
Ion Ratio Lower Upper
117 100
82 55.7 40.6 60.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

Tgt Ion:152 Resp: 199318
Ion Ratio Lower Upper
152 100
115 57.7 38.7 116.1
150 156.3 0.0 348.2

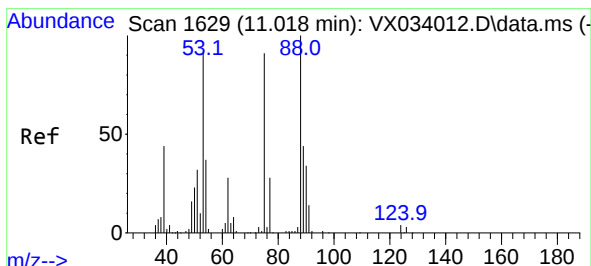
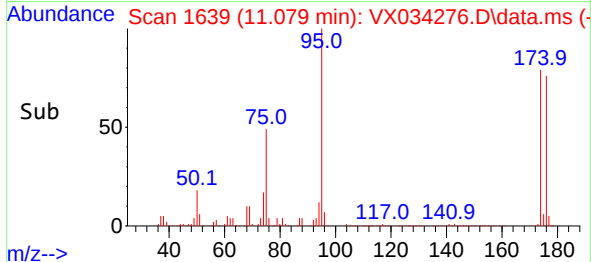
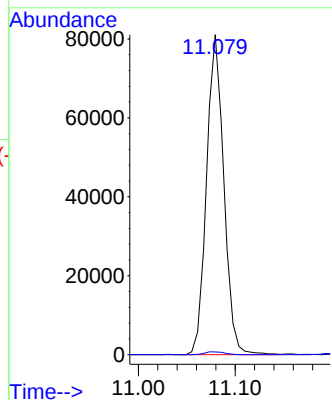
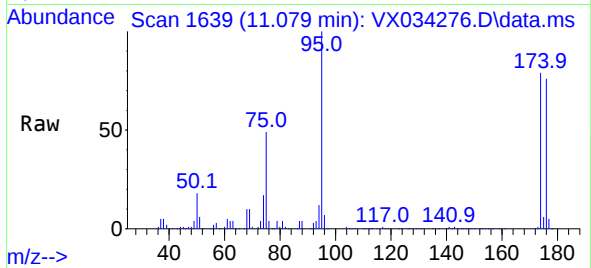




#76
1,2,3-Trichloropropane
Concen: 20.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

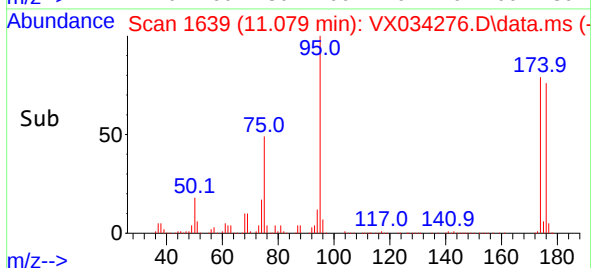
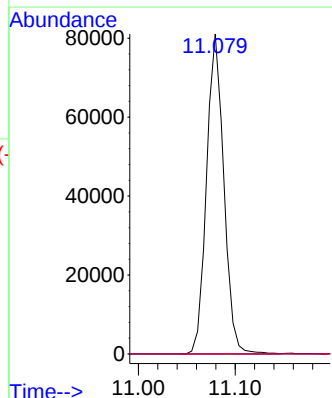
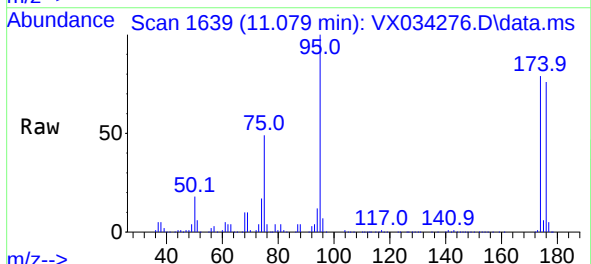
Instrument :
MSVOA_X
ClientSampleId :
IBLK

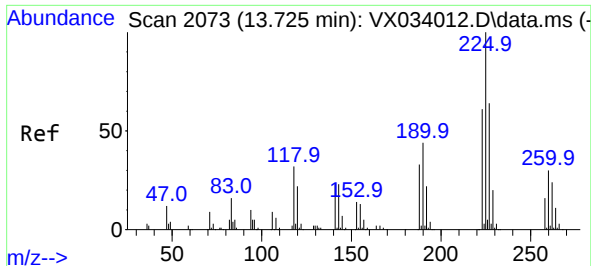
Tgt Ion: 75 Resp: 100925
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034276.D
Acq: 27 Feb 2023 14:55

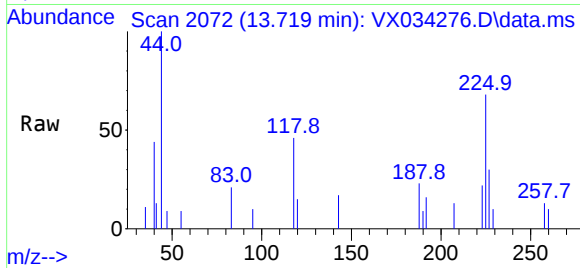
Tgt Ion: 75 Resp: 100925
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#94
 Hexachlorobutadiene
 Concen: 0.239 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX034276.D
 Acq: 27 Feb 2023 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 225 Resp: 426

Ion	Ratio	Lower	Upper
225	100		
223	39.4	31.3	93.9
227	67.8	32.3	96.9

