

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038104.D
 Acq On : 05 Oct 2023 16:31
 Operator : JC/MD
 Sample : 04742-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 17:00:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

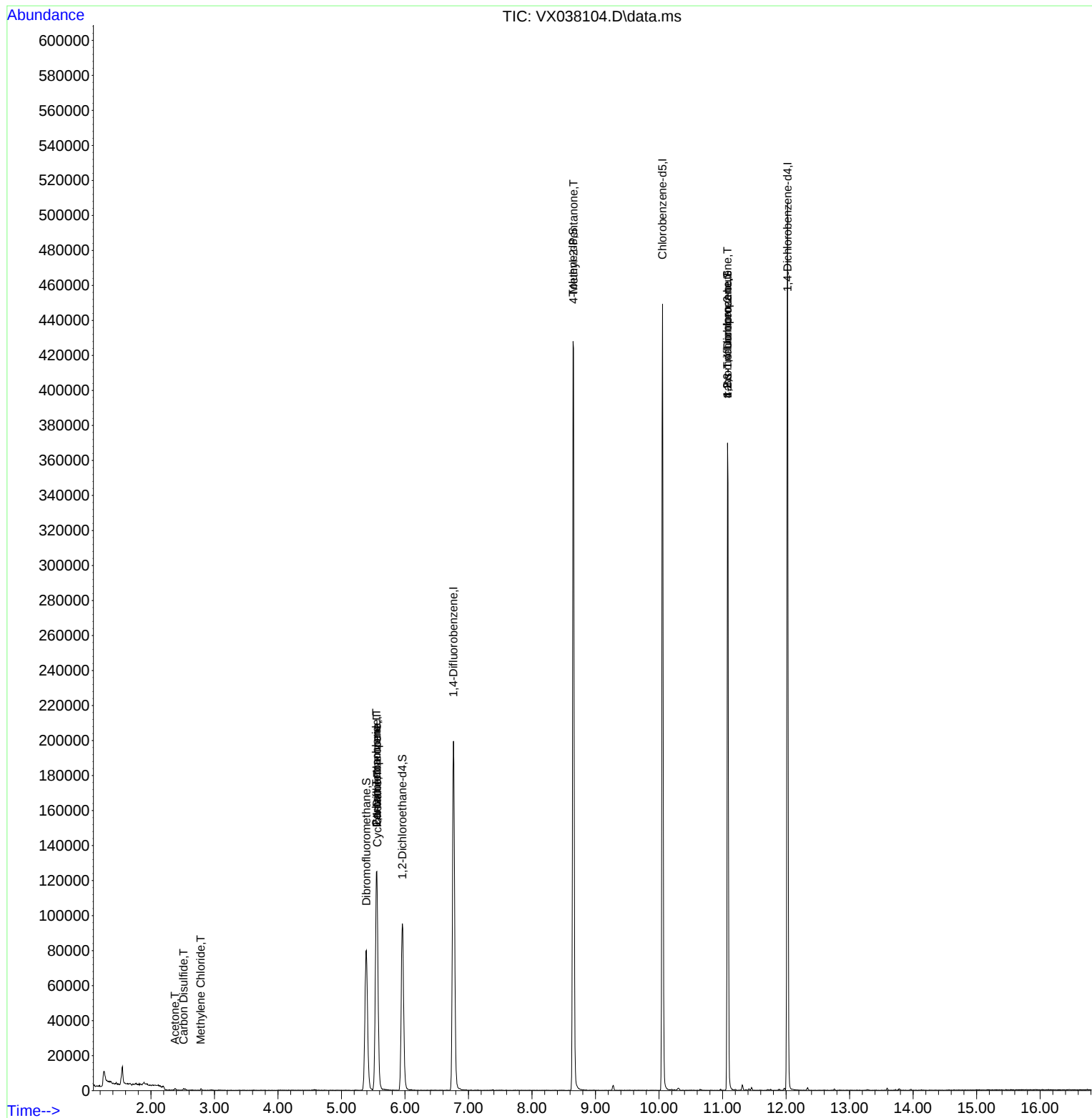
Internal Standards						
1) Pentafluorobenzene	5.555	168	117432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92400	48.919	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.840%
35) Dibromofluoromethane	5.391	113	68242	46.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.646	98	262628	46.754	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.079	95	94492	44.372	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	135	Below Cal	#	3
6) Chloroethane	1.672	64	315	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	102	Below Cal	#	78
16) Acetone	2.379	43	885	1.123	ug/l	95
17) Carbon Disulfide	2.513	76	800	0.258	ug/l #	86
20) Methylene Chloride	2.782	84	355	0.239	ug/l #	58
31) Cyclohexane	5.562	56	3071	1.501	ug/l #	29
36) 1,1-Dichloropropene	5.555	75	10082	4.974	ug/l #	50
38) Carbon Tetrachloride	5.549	117	12291	6.164	ug/l #	14
51) 4-Methyl-2-Pentanone	8.652	43	1148	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53887	23.780	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53887	67.868	ug/l #	5

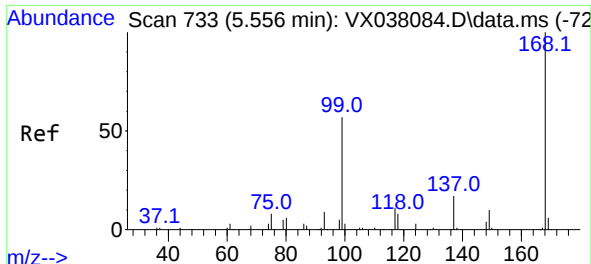
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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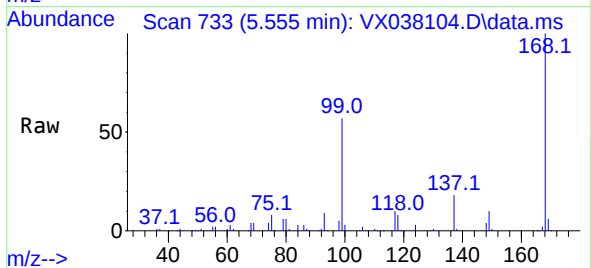
Quant Time: Oct 05 17:00:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



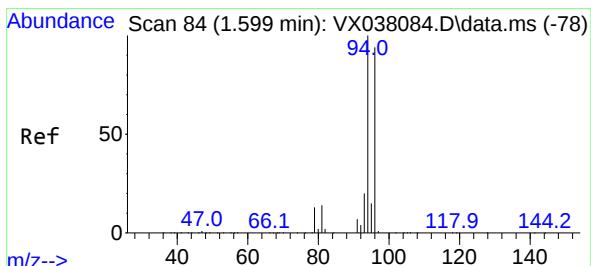
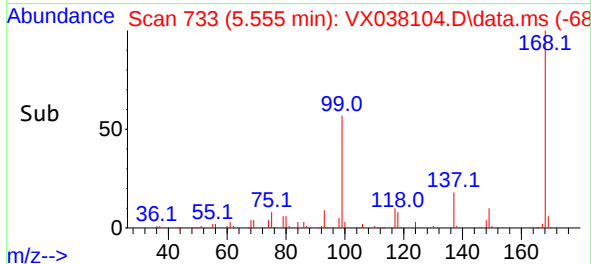
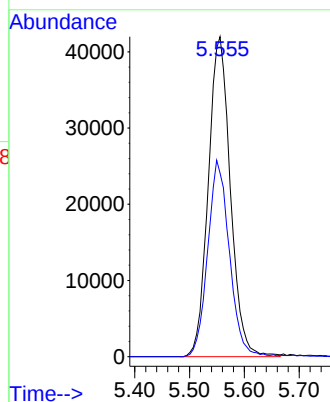


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

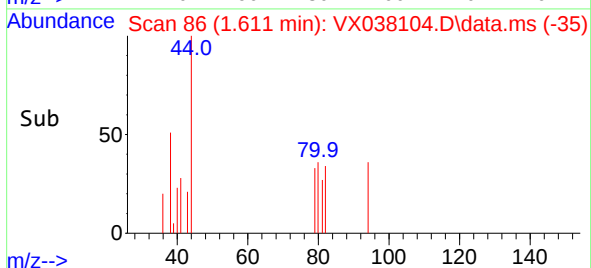
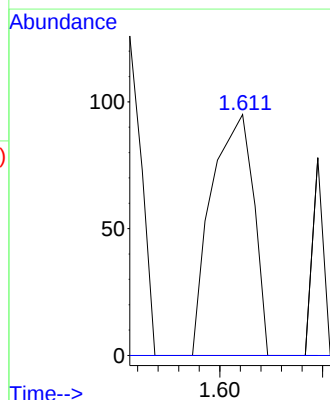
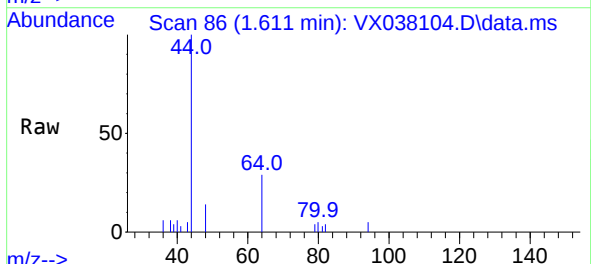


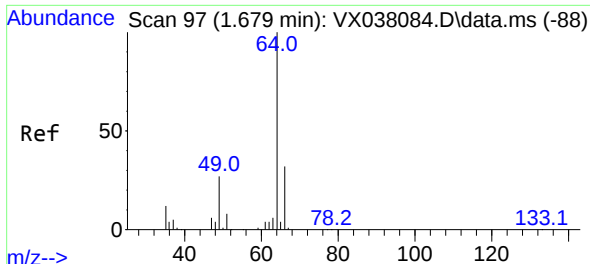
Tgt Ion:168 Resp: 117432
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

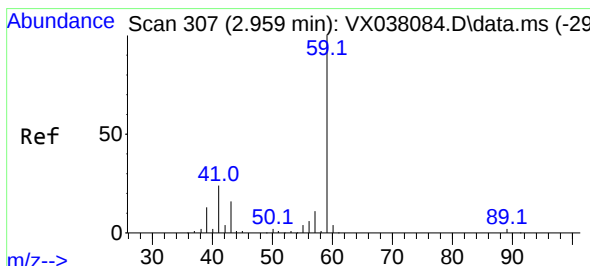
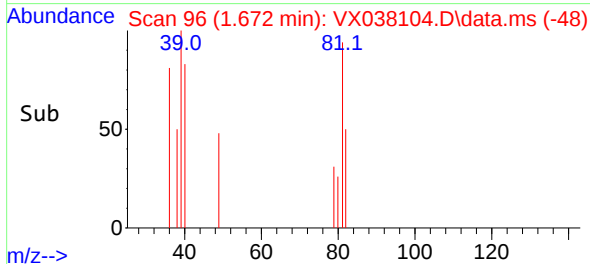
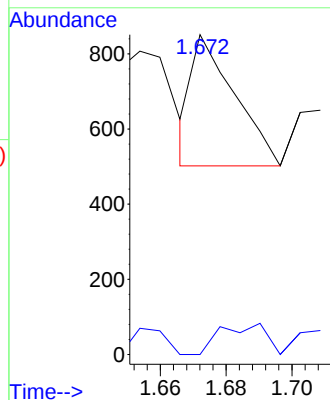
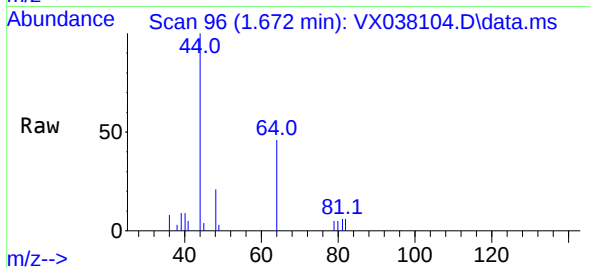




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

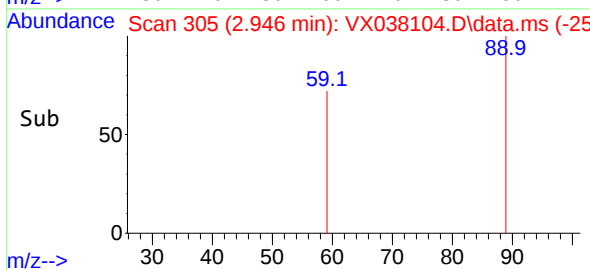
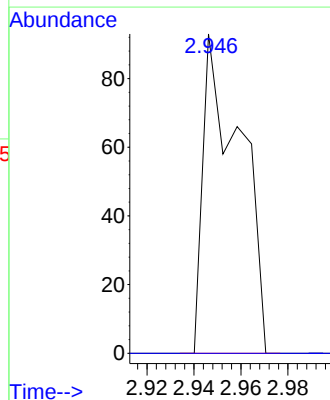
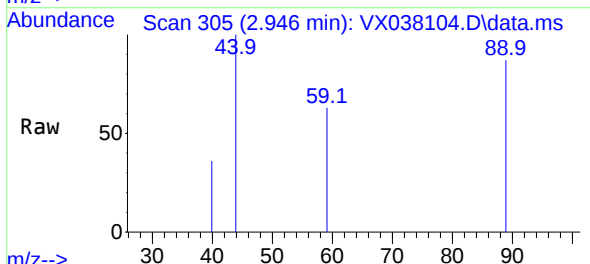
Instrument :
MSVOA_X
ClientSampleId :

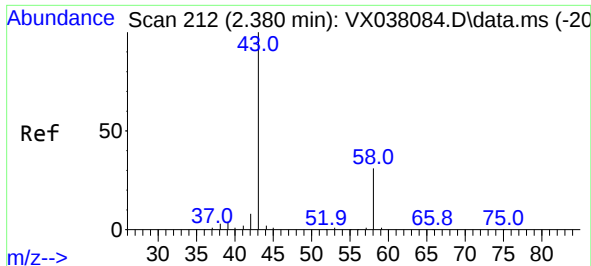
Tgt Ion: 64 Resp: 315
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

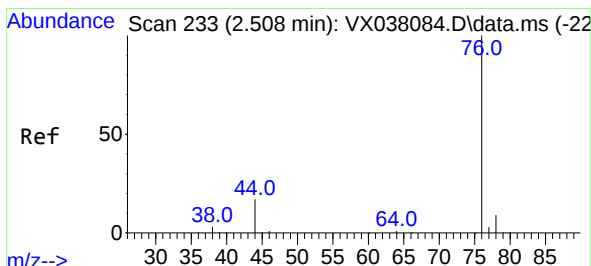
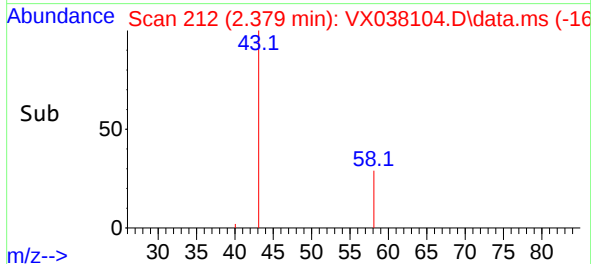
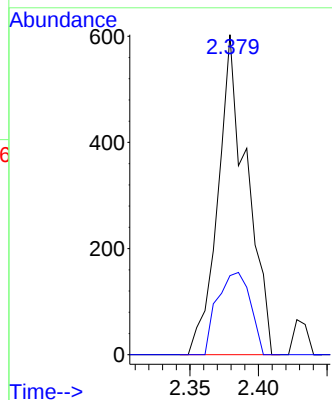
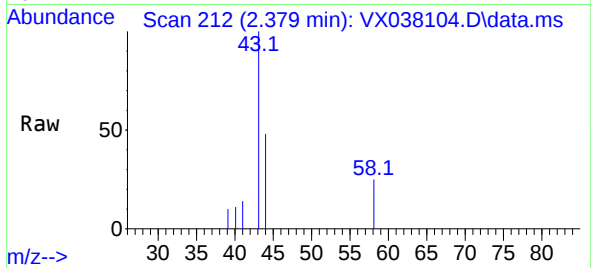




#16
Acetone
Concen: 1.123 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

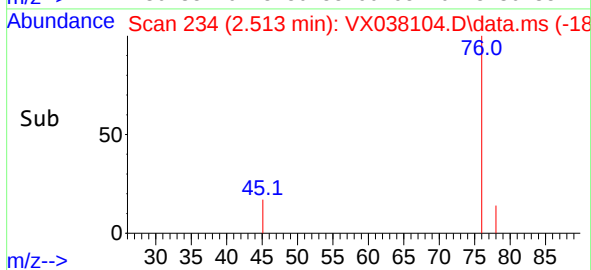
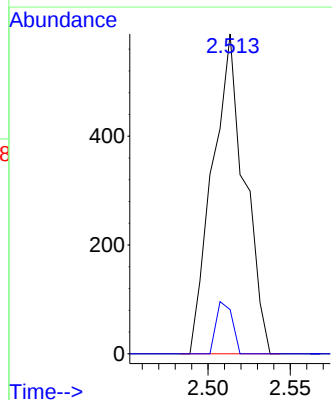
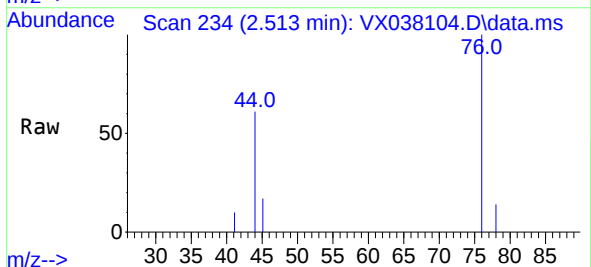
Instrument :
MSVOA_X
ClientSampleId :

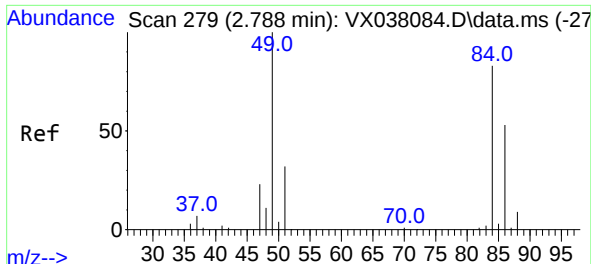
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 24.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.005 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

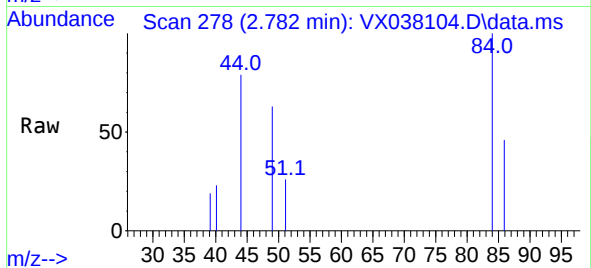
Tgt Ion: 76 Resp: 800
Ion Ratio Lower Upper
76 100
78 13.8 7.0 10.6#





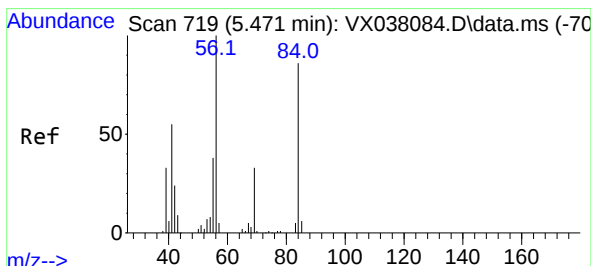
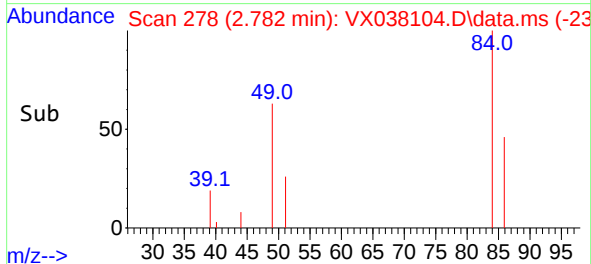
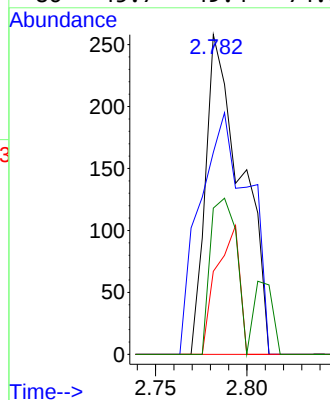
#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 355

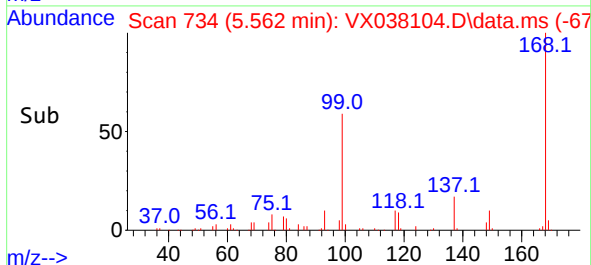
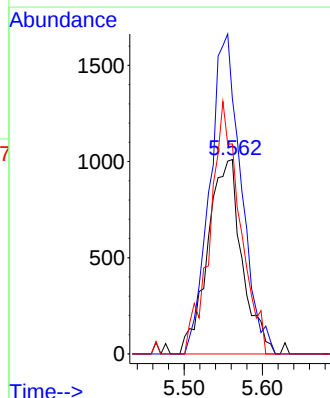
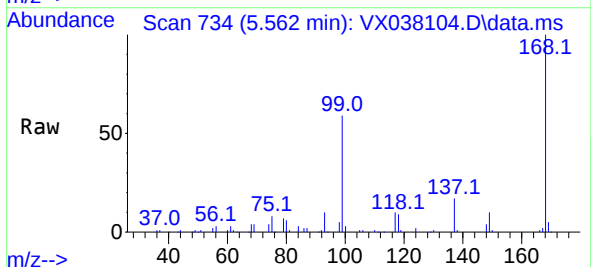
Ion	Ratio	Lower	Upper
84	100		
49	63.2	103.6	155.4#
51	26.0	33.8	50.6#
86	45.7	49.4	74.0#

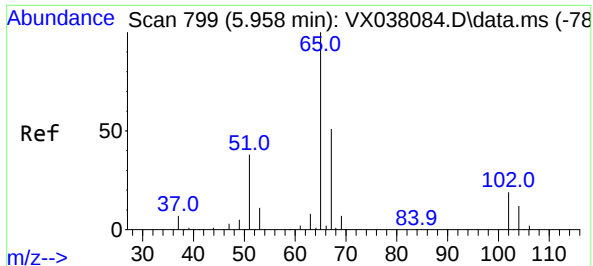


#31
Cyclohexane
Concen: 1.501 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 56 Resp: 3071

Ion	Ratio	Lower	Upper
56	100		
69	131.5	23.4	35.2#
84	108.1	65.9	98.9#

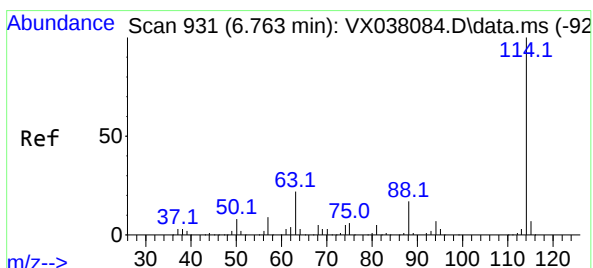
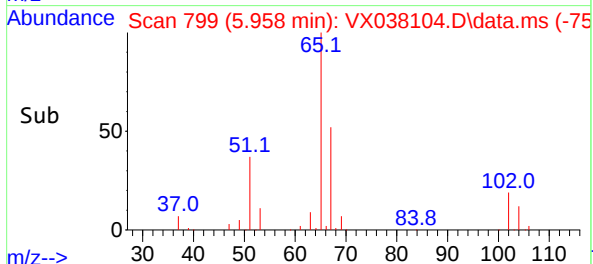
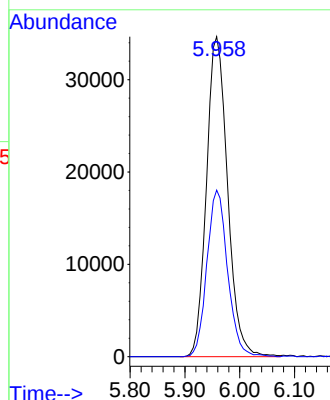
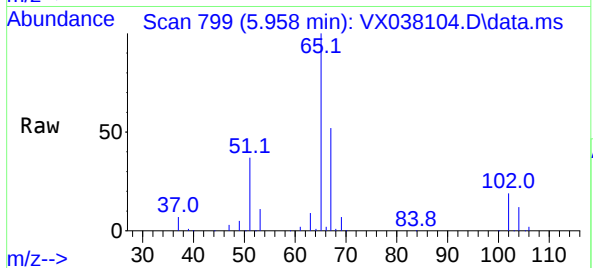




#33
1,2-Dichloroethane-d4
Concen: 48.919 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

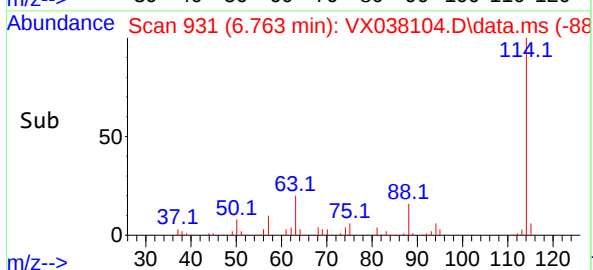
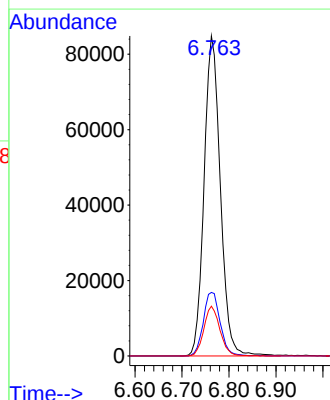
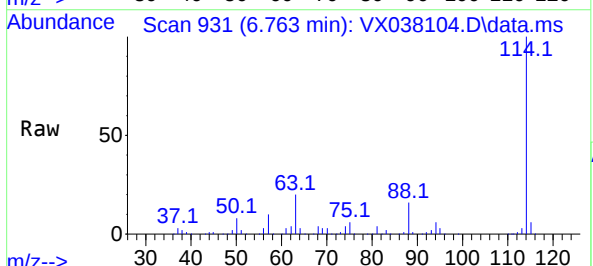
Instrument :
MSVOA_X
ClientSampleId :

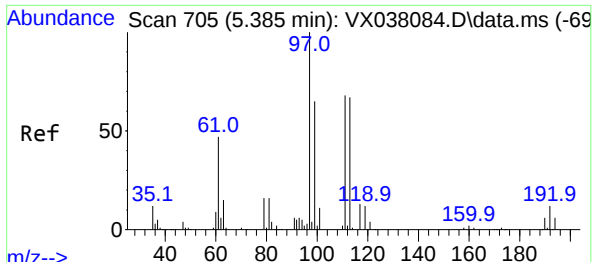
Tgt Ion: 65 Resp: 92400
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

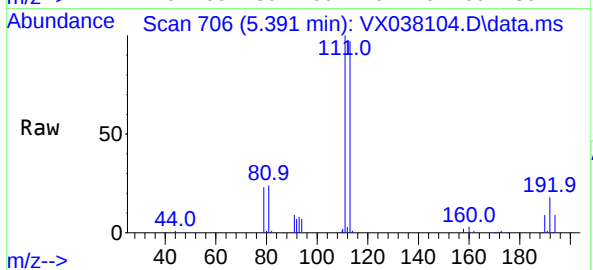
Tgt Ion:114 Resp: 204007
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.6 0.0 36.6





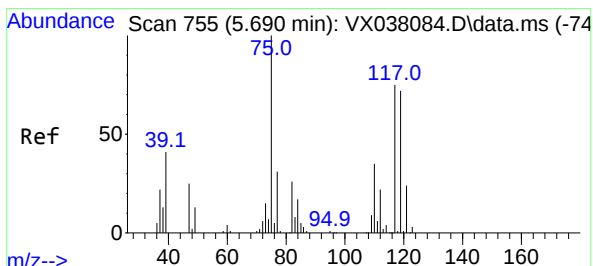
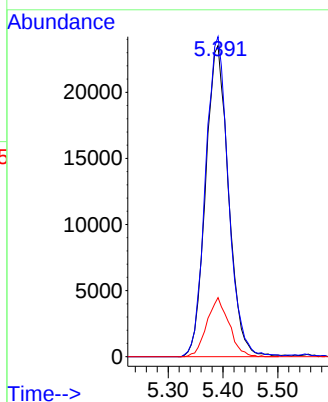
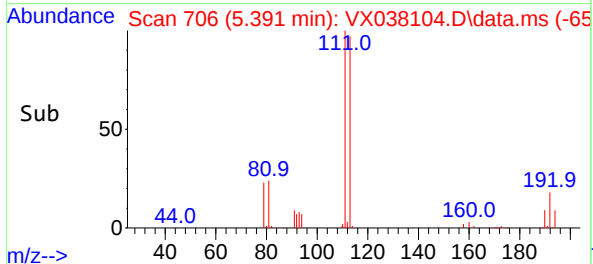
#35
Dibromofluoromethane
Concen: 46.423 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

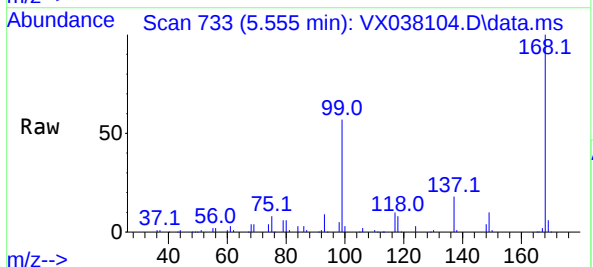


Tgt Ion:113 Resp: 68242

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.4	13.3	19.9

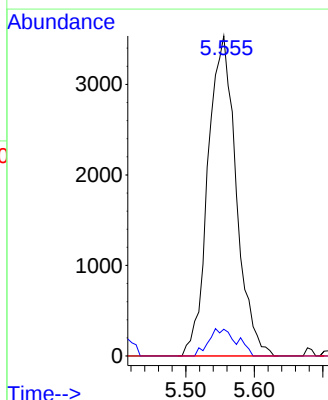
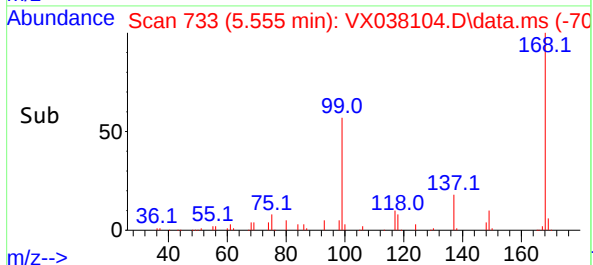


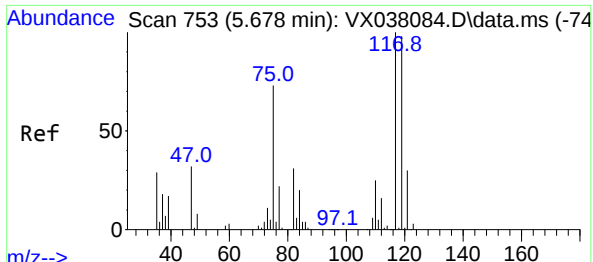
#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31



Tgt Ion: 75 Resp: 10082

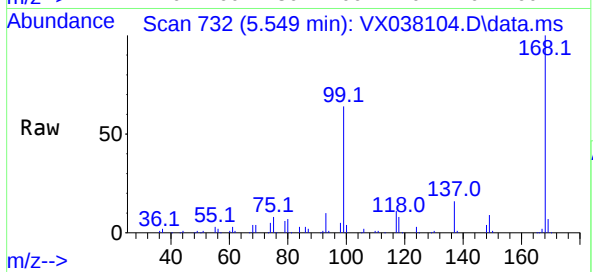
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.0	50.9#
77	0.0	24.7	37.1#



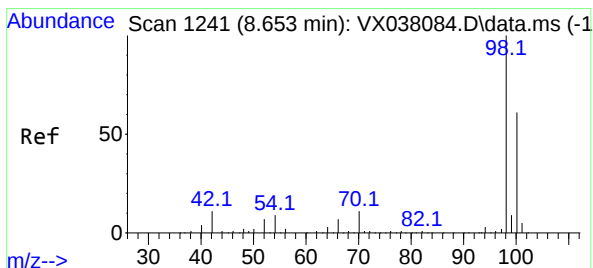
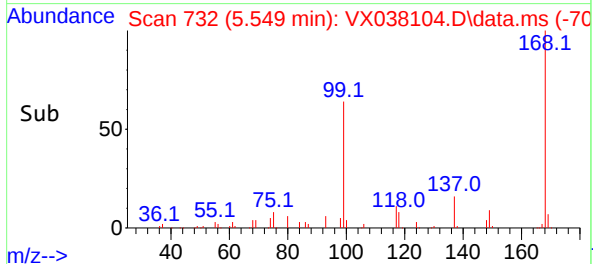
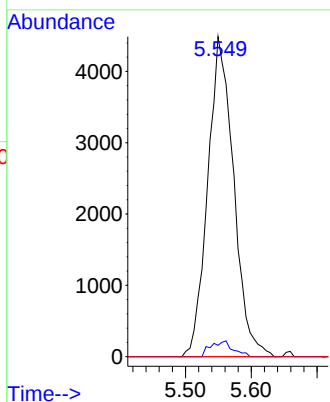


#38
Carbon Tetrachloride
Concen: 6.164 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

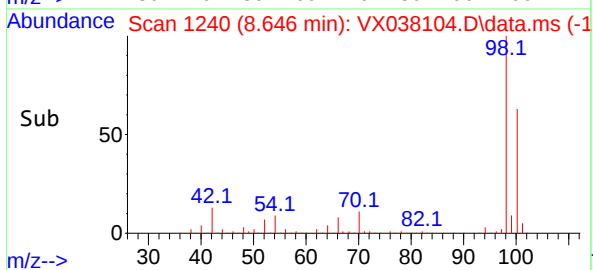
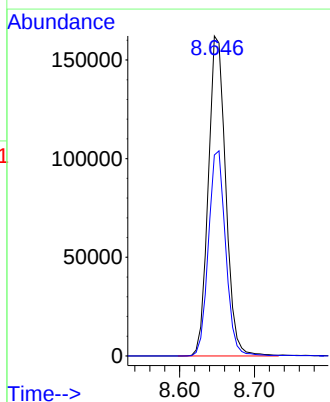
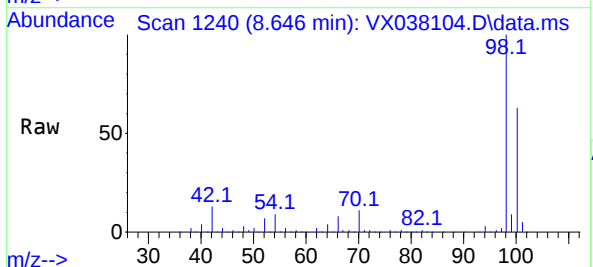


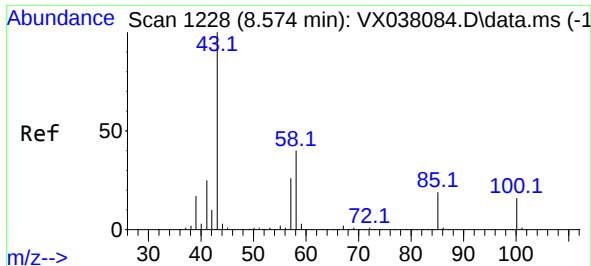
Tgt Ion:117 Resp: 12291
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.754 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 98 Resp: 262628
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

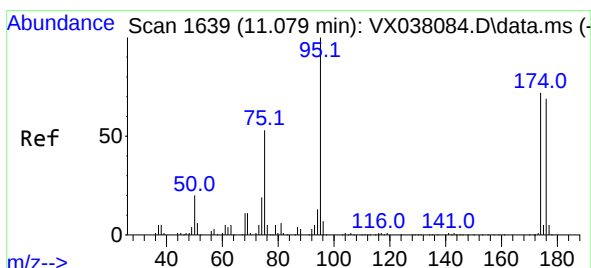
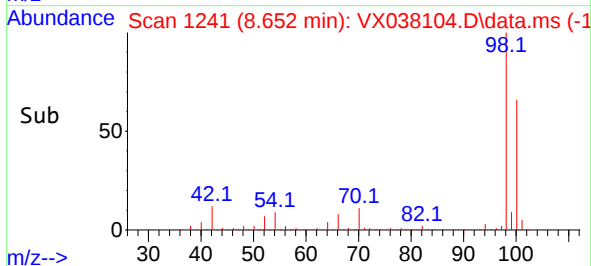
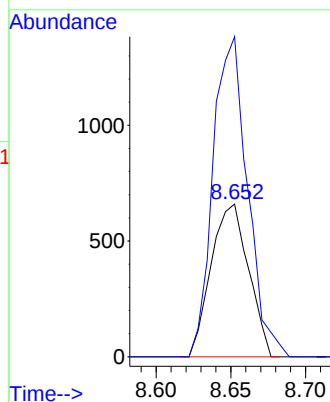
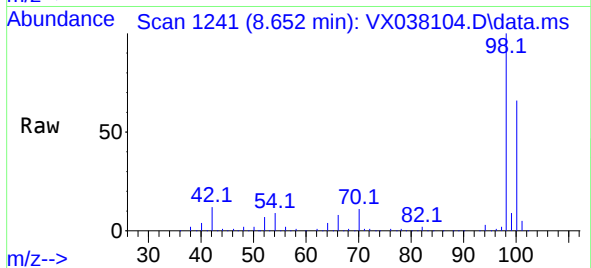




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.652 min Scan# 1148
Delta R.T. 0.078 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

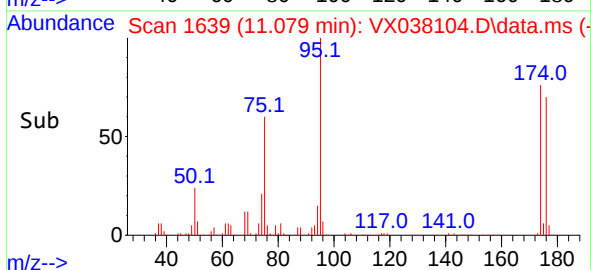
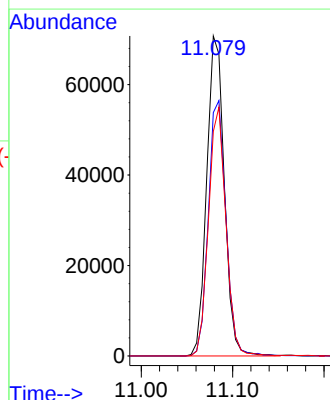
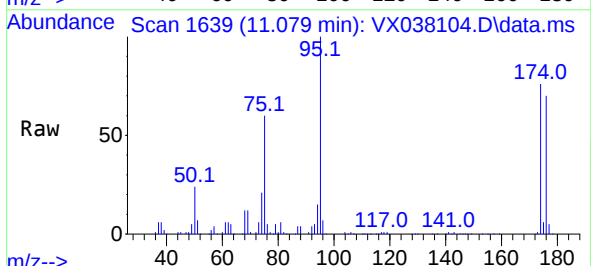
Instrument :
MSVOA_X
ClientSampleId :

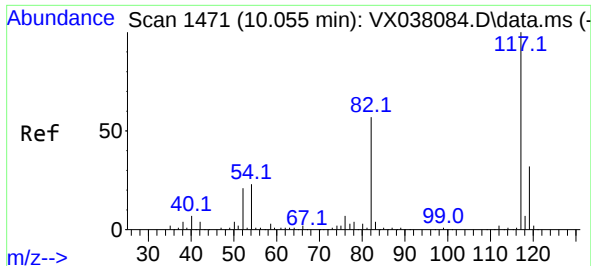
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 192.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 95 Resp: 94492
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 76.8 0.0 131.0

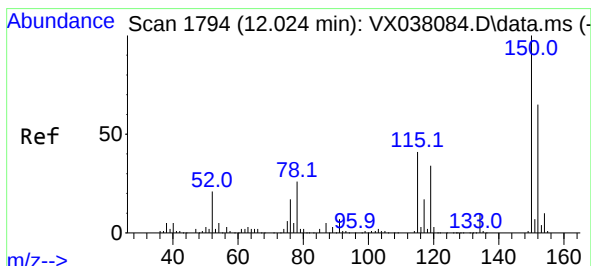
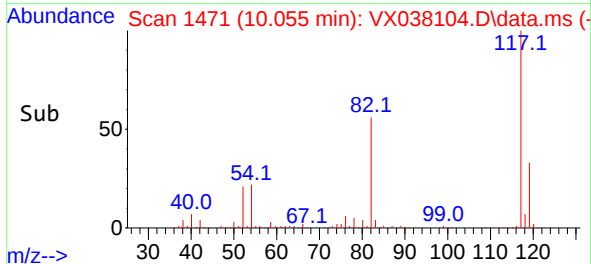
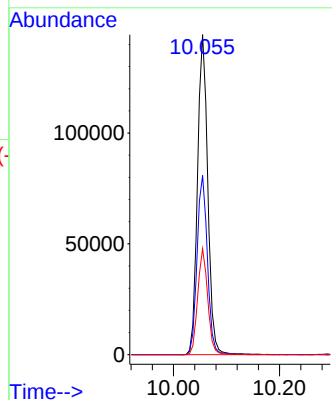
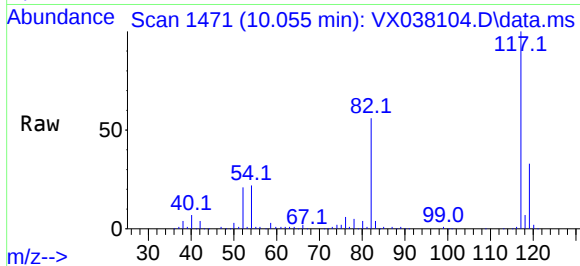




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

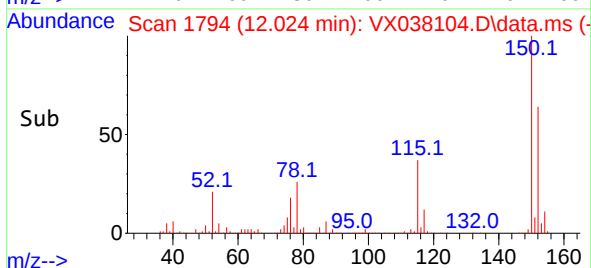
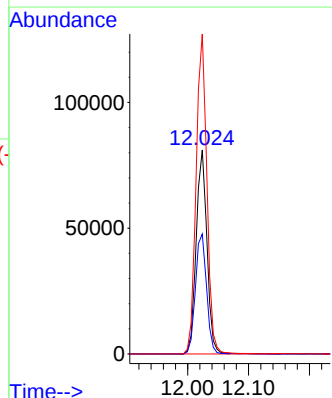
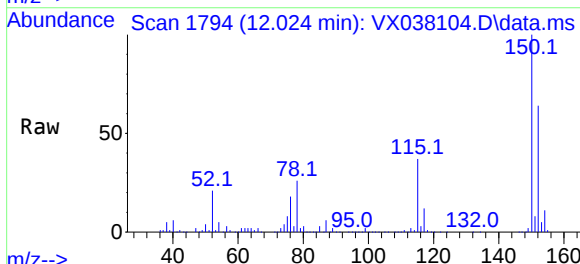
Instrument :
MSVOA_X
ClientSampleId :

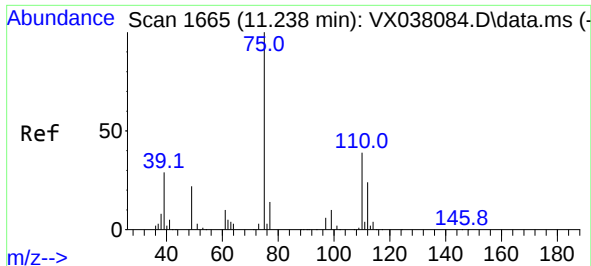
Tgt Ion:117 Resp: 194349
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Tgt Ion:152 Resp: 99679
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 156.5 0.0 345.0

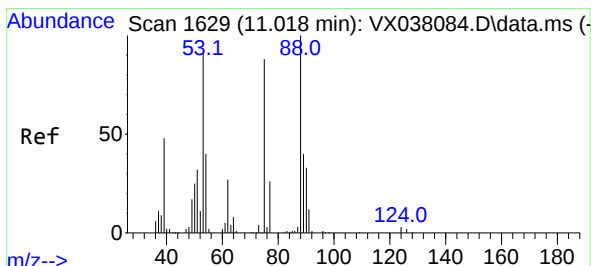
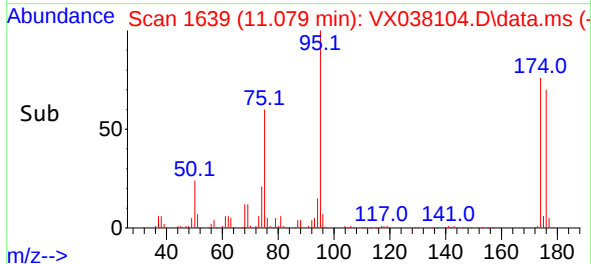
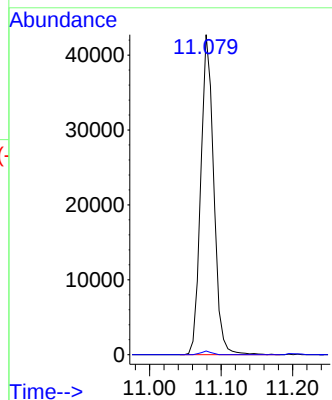
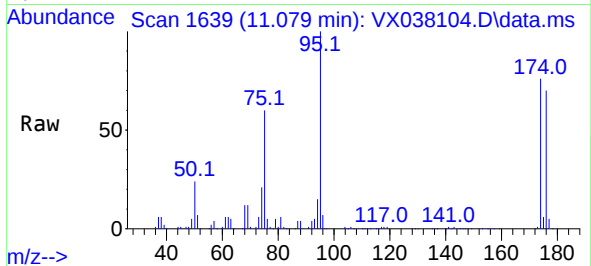




#76
1,2,3-Trichloropropane
Concen: 23.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53887
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038104.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 75 Resp: 53887
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

