

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032852.D
 Acq On : 16 Nov 2022 07:43
 Operator : JC/MD
 Sample : N5640-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 08:37:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

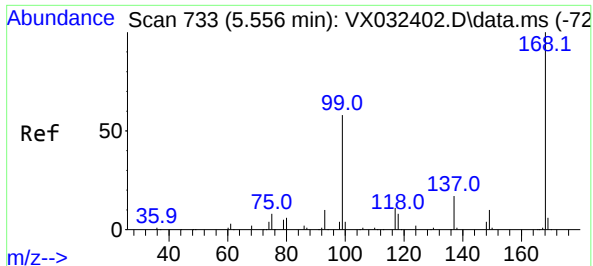
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	99772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71021	51.230	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.460%
35) Dibromofluoromethane	5.385	113	56932	48.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.647	98	206860	50.762	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.520%
62) 4-Bromofluorobenzene	11.079	95	76790	48.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	2239	11.096	ug/l #	72
16) Acetone	2.386	43	933	1.852	ug/l #	83
20) Methylene Chloride	2.788	84	341	0.295	ug/l #	62
31) Cyclohexane	5.550	56	2180	1.297	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	7621	4.670	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10299	5.690	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	969	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41413	27.499	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41413	87.503	ug/l #	6

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

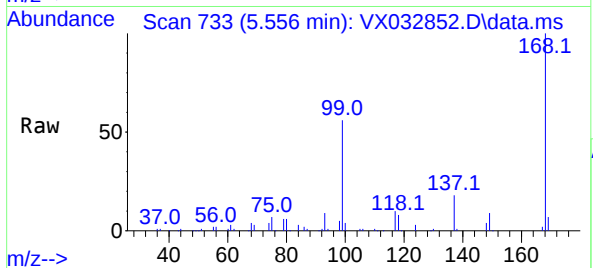
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



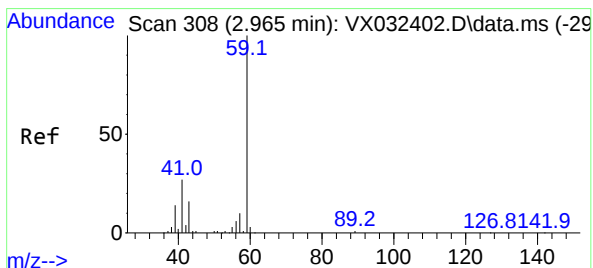
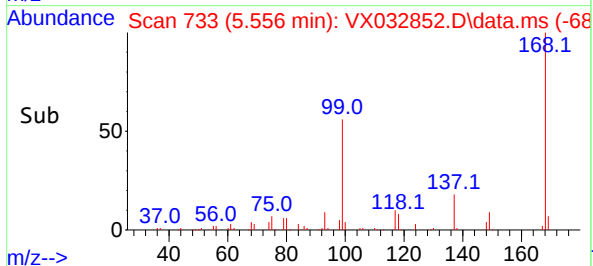
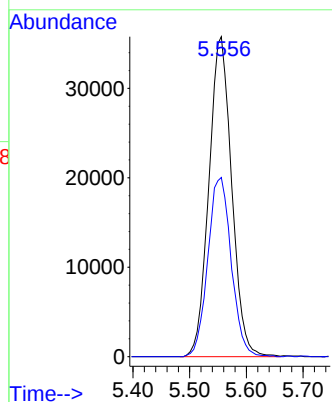


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

Instrument :
MSVOA_X
ClientSampleId :

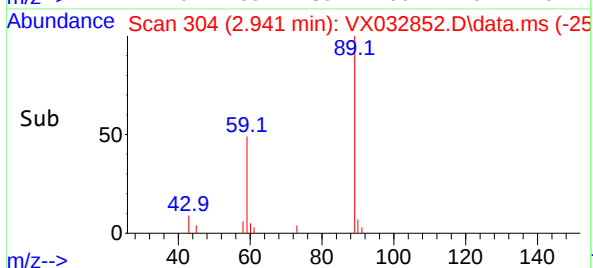
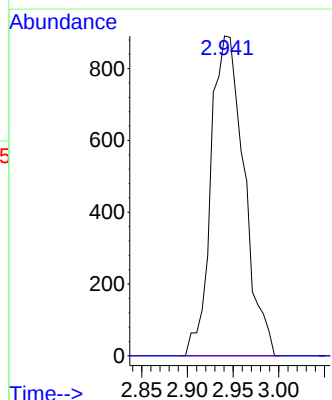
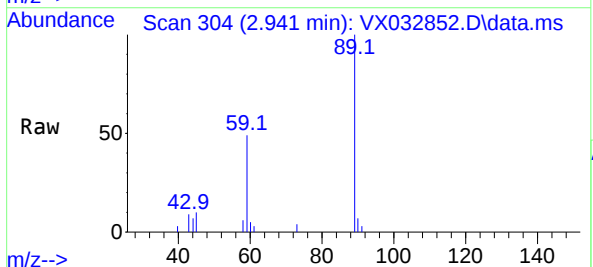


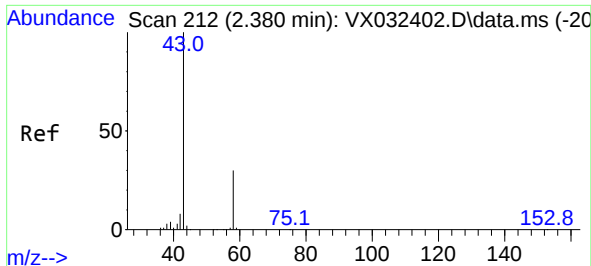
Tgt Ion:168 Resp: 99772
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 11.096 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

Tgt Ion: 59 Resp: 2239
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

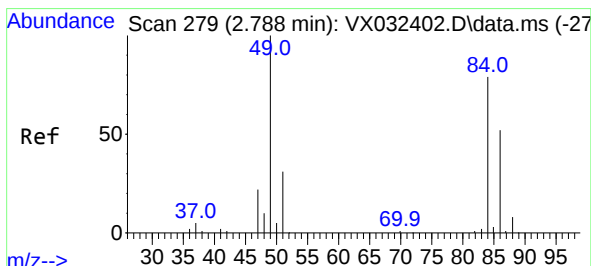
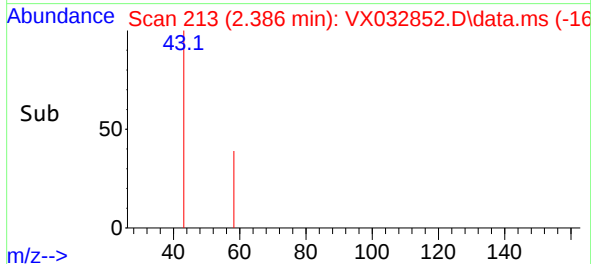
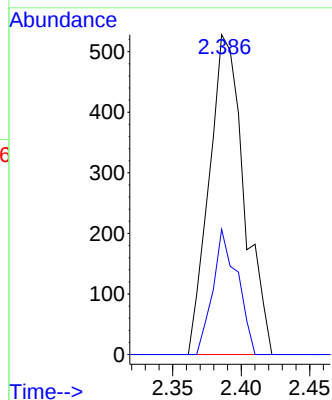
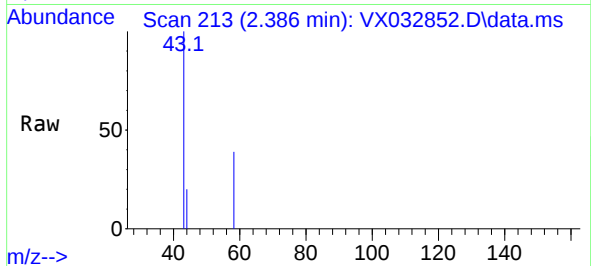




#16
Acetone
Concen: 1.852 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

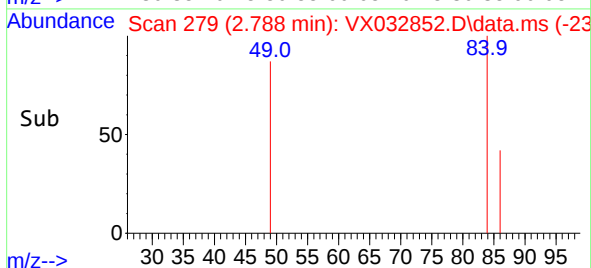
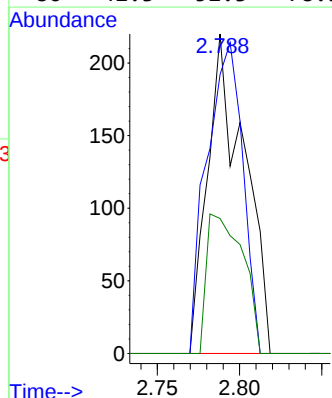
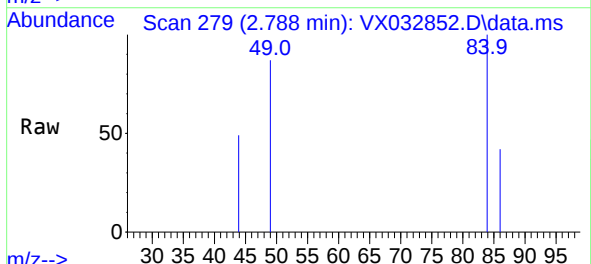
Instrument :
MSVOA_X
ClientSampleId :

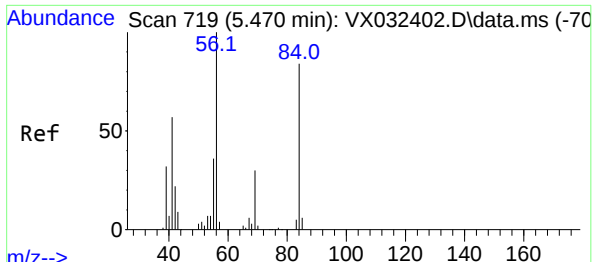
Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
58 39.2 23.8 35.8#



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

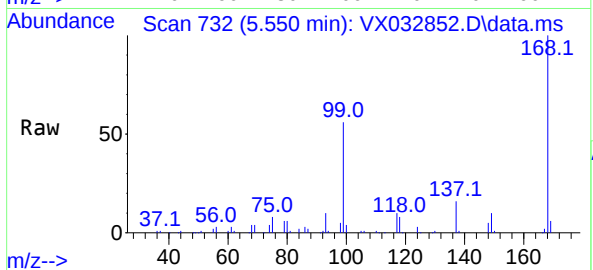
Tgt Ion: 84 Resp: 341
Ion Ratio Lower Upper
84 100
49 87.3 101.0 151.6#
51 0.0 31.1 46.7#
86 42.3 52.3 78.5#



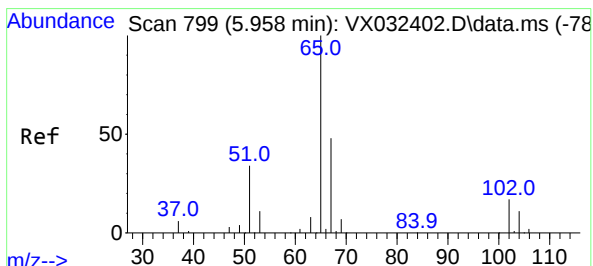
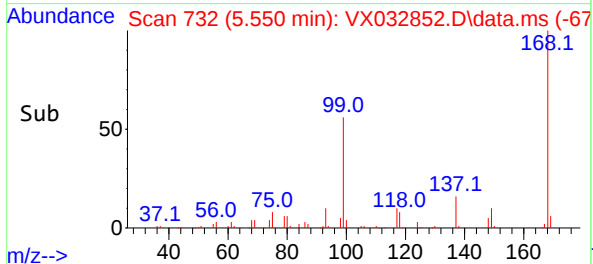
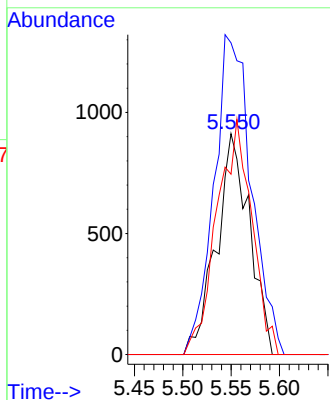


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

Instrument :
MSVOA_X
ClientSampleId :

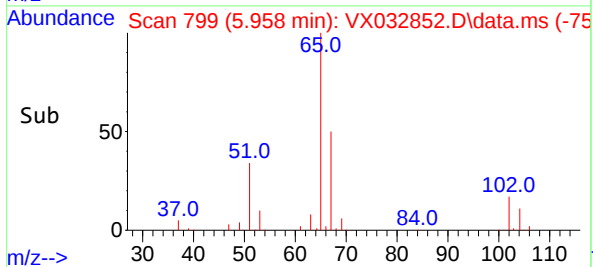
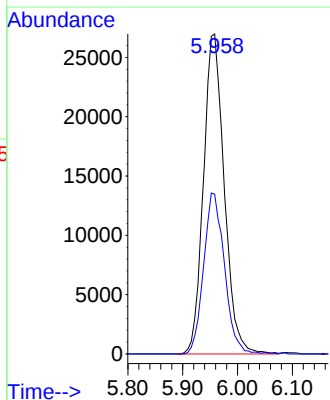
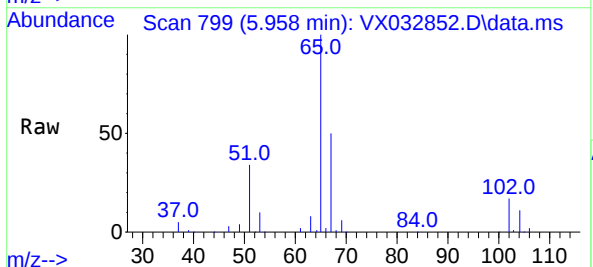


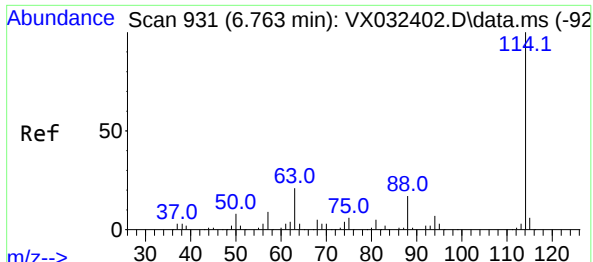
Tgt Ion: 56 Resp: 2180
Ion Ratio Lower Upper
56 100
69 141.1 24.1 36.1#
84 81.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.230 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

Tgt Ion: 65 Resp: 71021
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

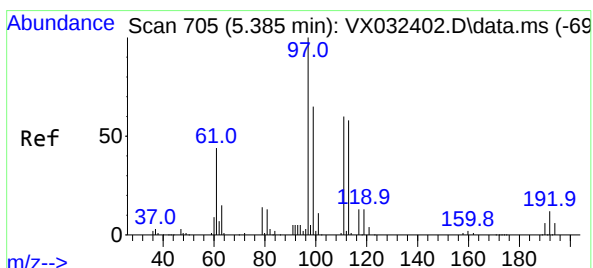
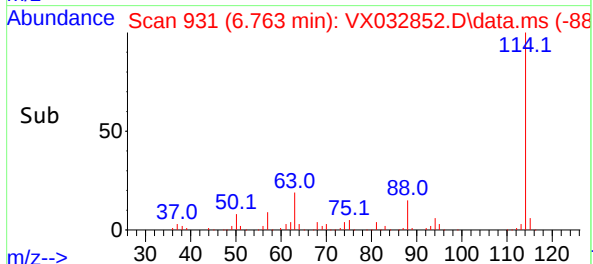
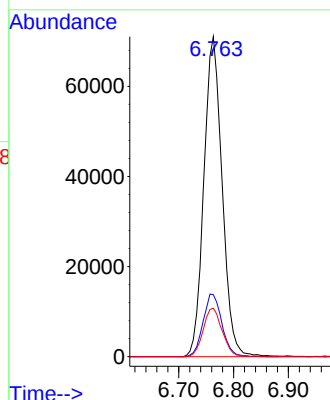
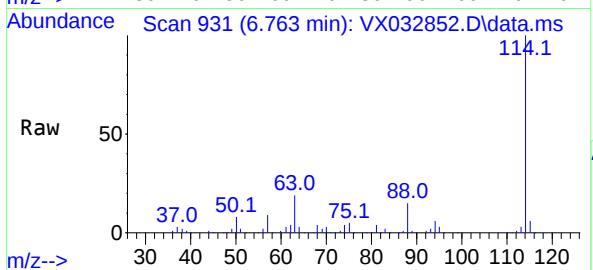




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

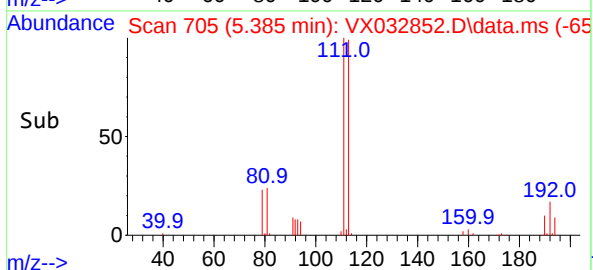
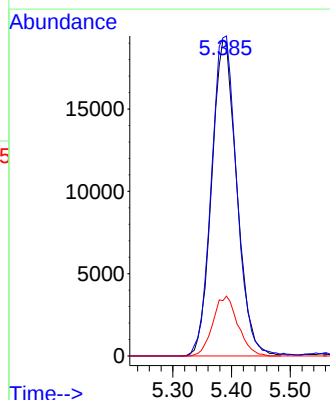
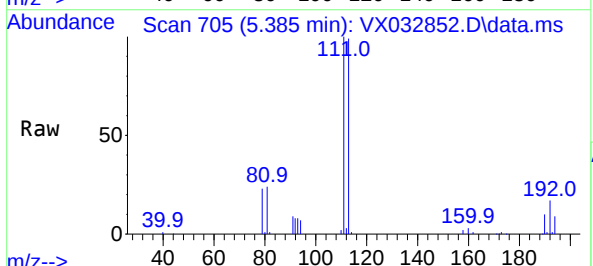
Instrument :
MSVOA_X
ClientSampleId :

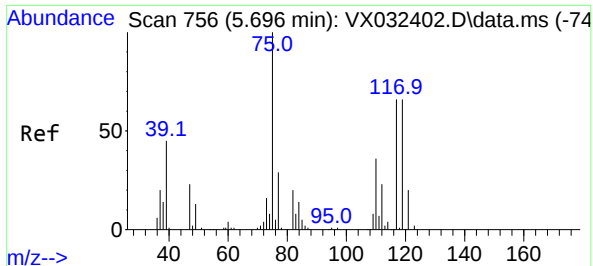
Tgt Ion:	114	Resp:	164297
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.6
88	15.2	0.0	33.4



#35
Dibromofluoromethane
Concen: 48.579 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

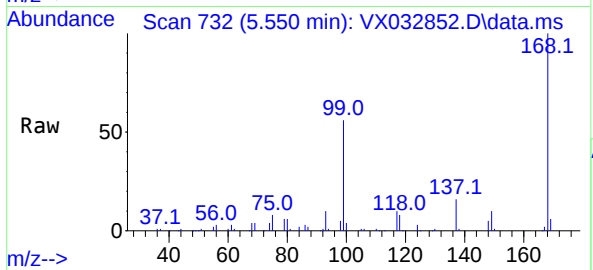
Tgt Ion:	113	Resp:	56932
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	18.9	15.4	23.2



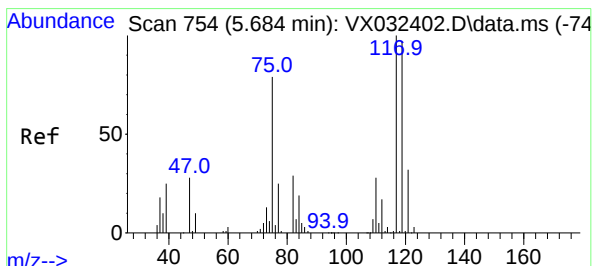
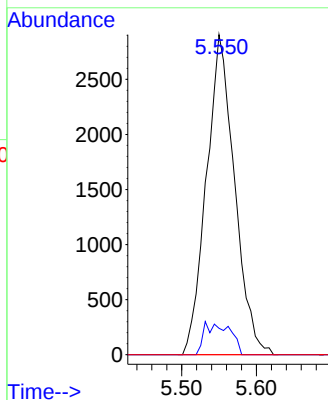
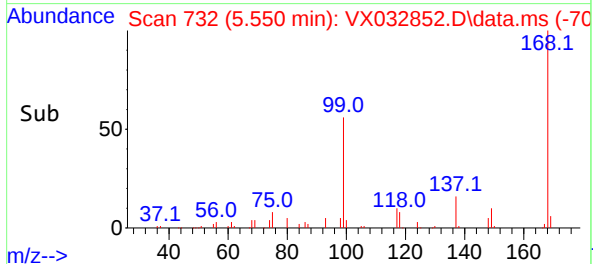


#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

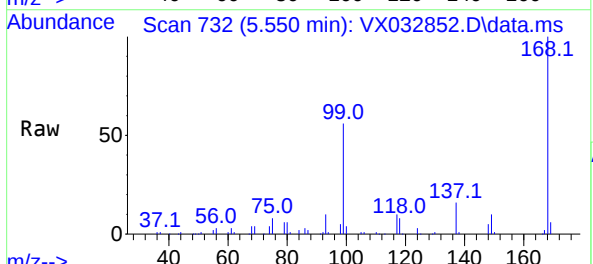
Instrument :
MSVOA_X
ClientSampleId :



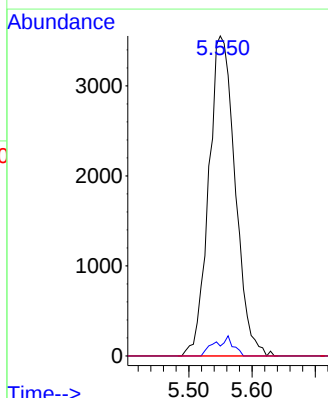
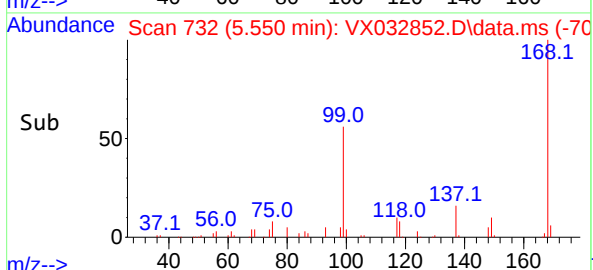
Tgt Ion: 75 Resp: 7621
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#

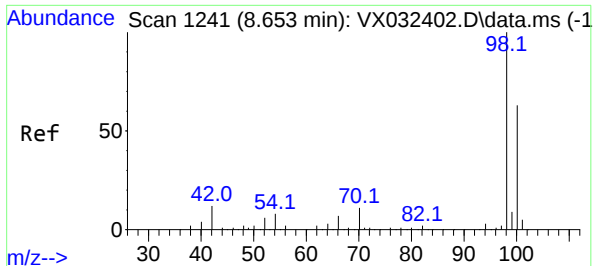


#38
Carbon Tetrachloride
Concen: 5.690 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43



Tgt Ion: 117 Resp: 10299
Ion Ratio Lower Upper
117 100
119 3.1 77.2 115.8#
121 0.0 25.8 38.6#

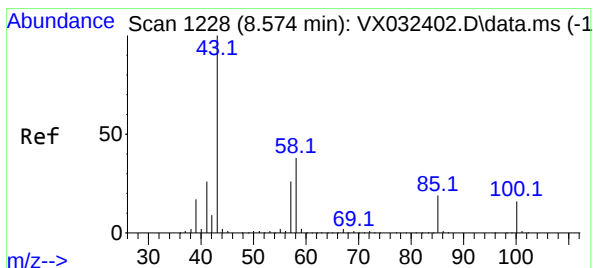
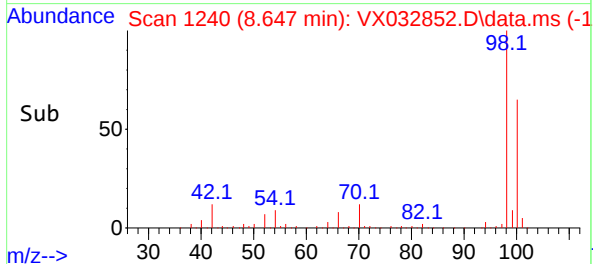
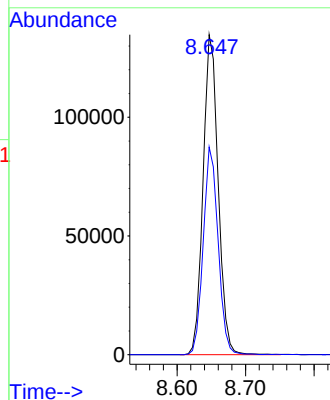
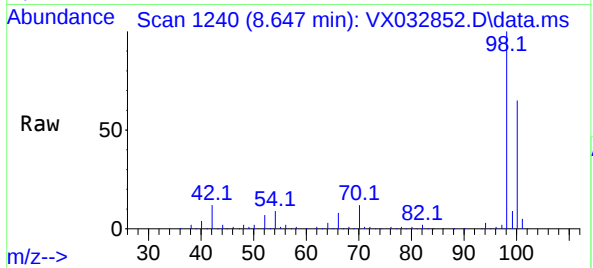




#50
Toluene-d8
Concen: 50.762 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

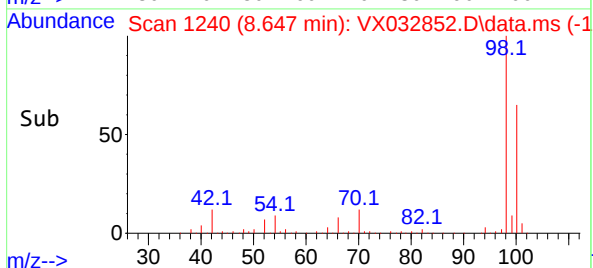
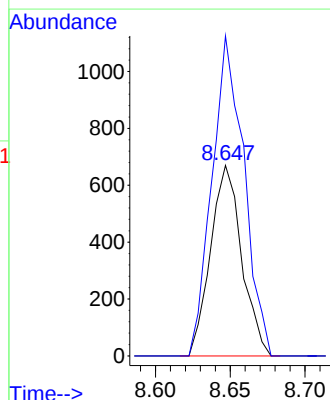
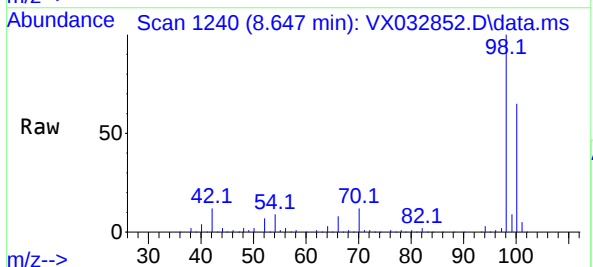
Instrument :
MSVOA_X
ClientSampleId :

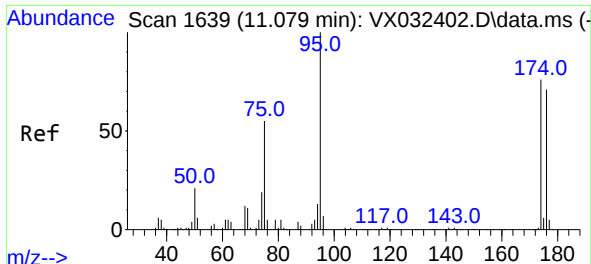
Tgt Ion: 98 Resp: 206860
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 172.4 30.9 46.3#

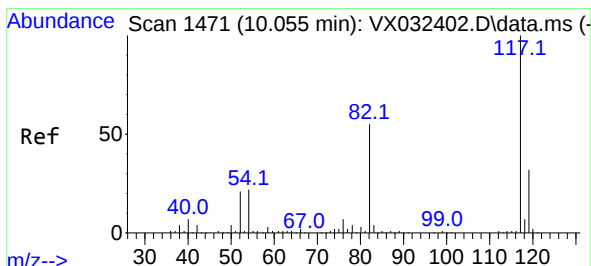
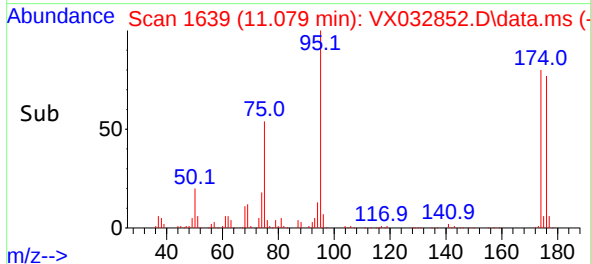
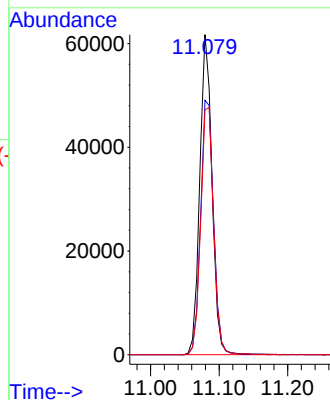
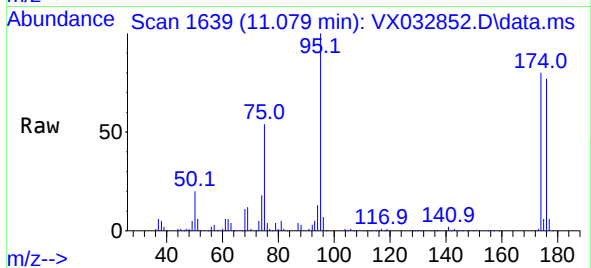




#62
4-Bromofluorobenzene
Concen: 48.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

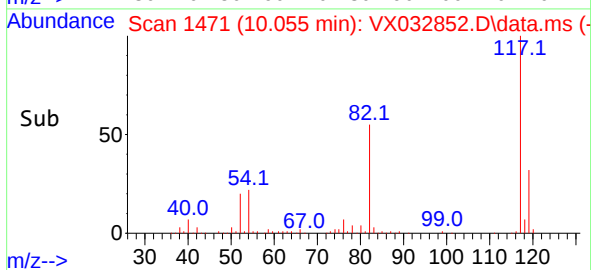
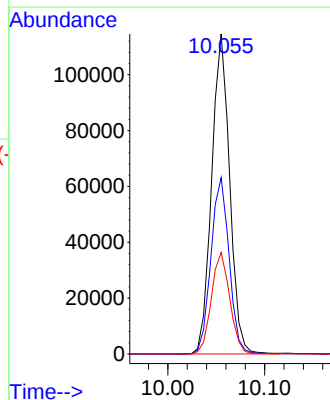
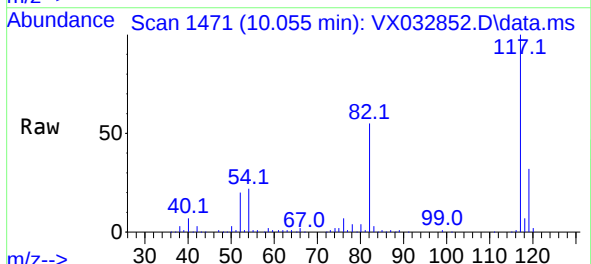
Instrument :
MSVOA_X
ClientSampleId :

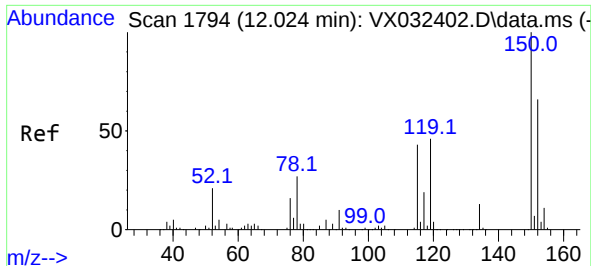
Tgt Ion: 95 Resp: 76790
Ion Ratio Lower Upper
95 100
174 84.3 0.0 164.0
176 81.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

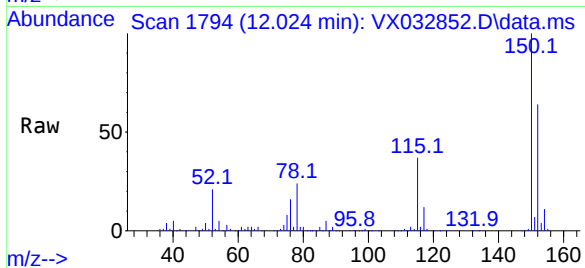
Tgt Ion: 117 Resp: 148191
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.7 25.7 38.5



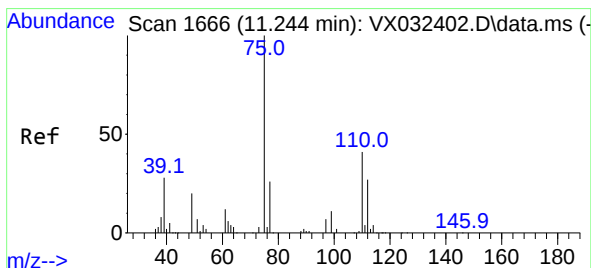
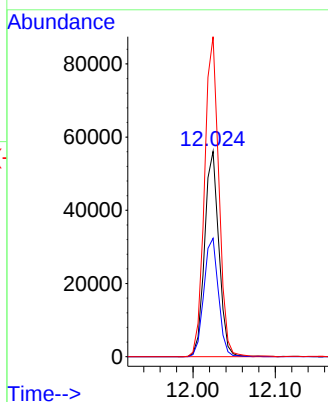
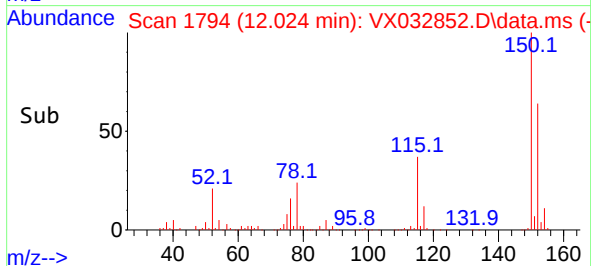


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

Instrument :
MSVOA_X
ClientSampleId :

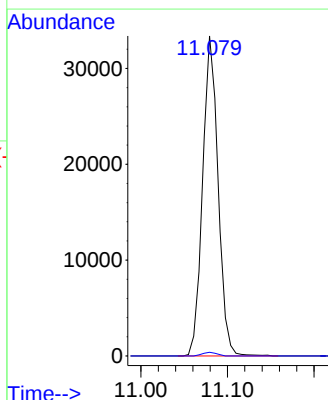
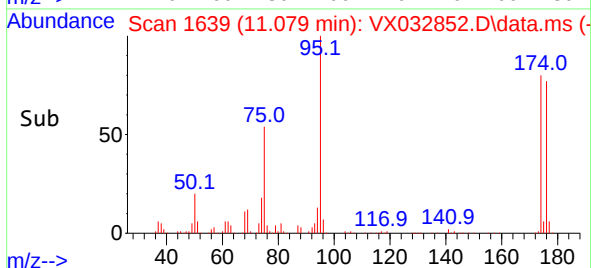
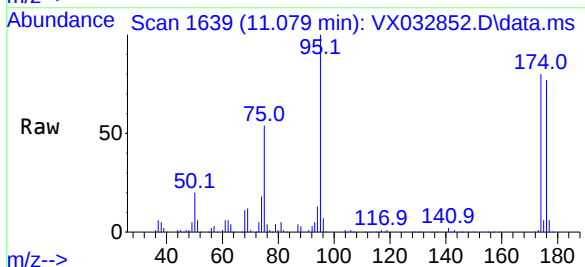


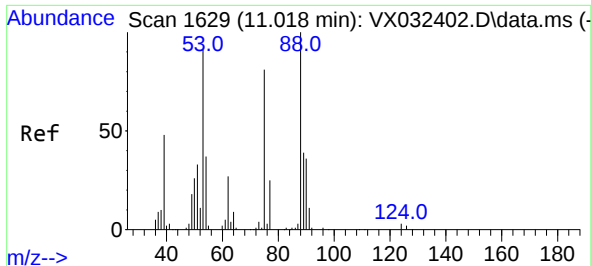
Tgt Ion:152 Resp: 67692
Ion Ratio Lower Upper
152 100
115 58.9 44.0 132.0
150 156.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032852.D
Acq: 16 Nov 2022 07:43

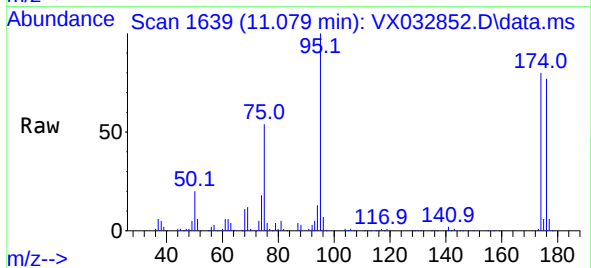
Tgt Ion: 75 Resp: 41413
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.503 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032852.D
 Acq: 16 Nov 2022 07:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 41413
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

