

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032961.D
 Acq On : 21 Nov 2022 18:37
 Operator : JC/MD
 Sample : N5729-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 05:13:17 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)

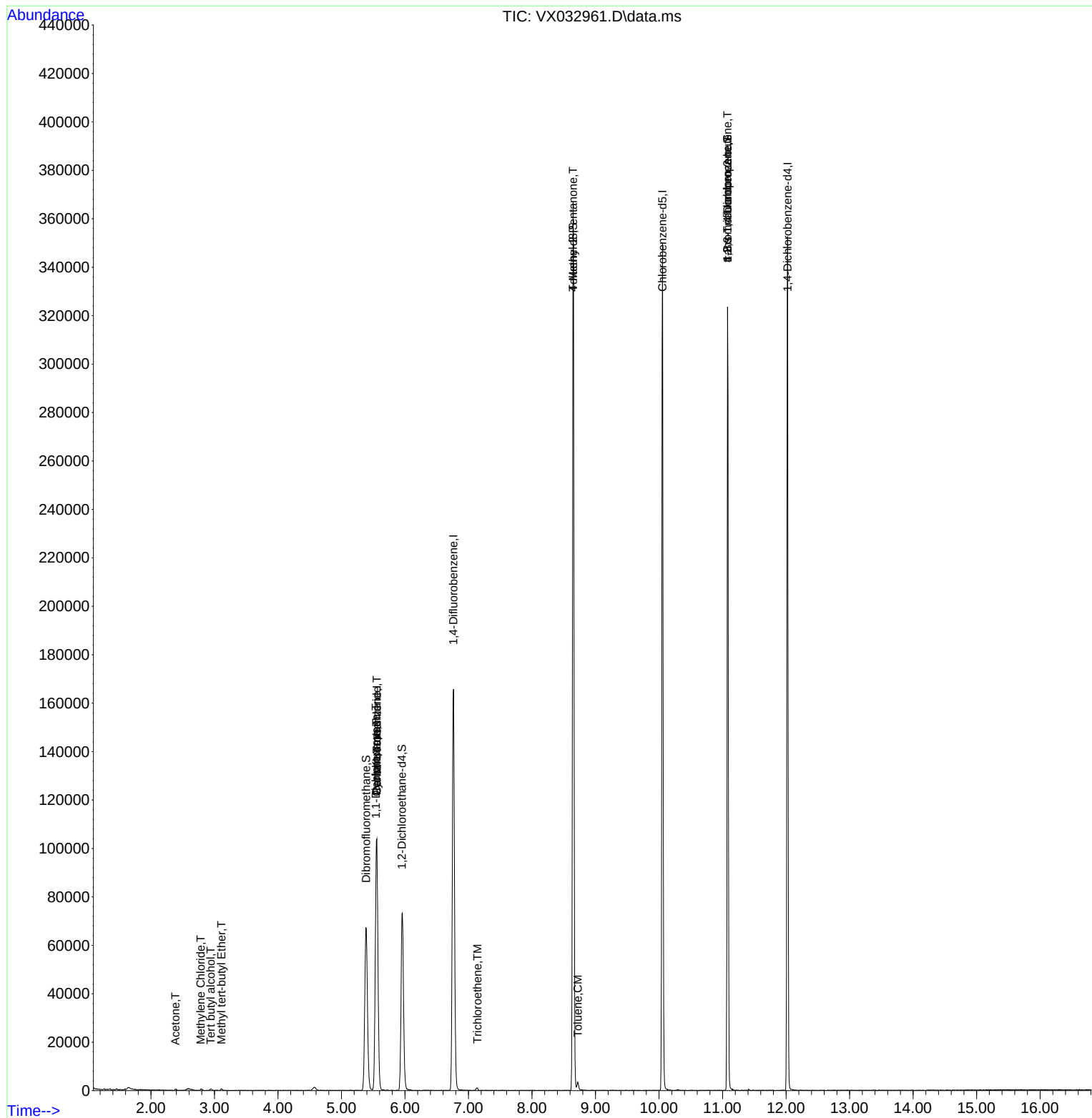
Internal Standards						
1) Pentafluorobenzene	5.556	168	99438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74391	53.841	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.680%	
35) Dibromofluoromethane	5.385	113	58898	48.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.940%	
50) Toluene-d8	8.647	98	213784	50.596	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	11.079	95	81380	49.306	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	341	1.696	ug/l #	72
16) Acetone	2.386	43	671	1.336	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	772	0.220	ug/l #	55
20) Methylene Chloride	2.782	84	290	0.252	ug/l #	76
31) Cyclohexane	5.550	56	2116	1.263	ug/l #	48
36) 1,1-Dichloropropene	5.544	75	7783	4.599	ug/l #	48
38) Carbon Tetrachloride	5.556	117	10352	5.516	ug/l #	14
44) Trichloroethene	7.141	130	459	0.341	ug/l	63
51) 4-Methyl-2-Pentanone	8.647	43	965	0.566	ug/l #	1
52) Toluene	8.720	92	1453	0.465	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	44487	27.986	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44487	89.054	ug/l #	6

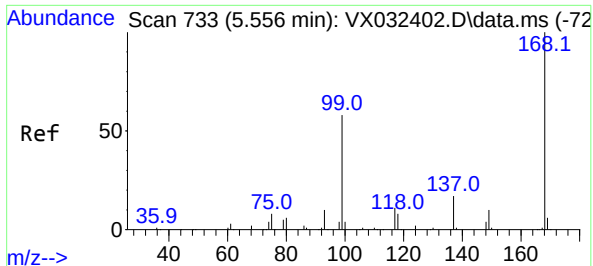
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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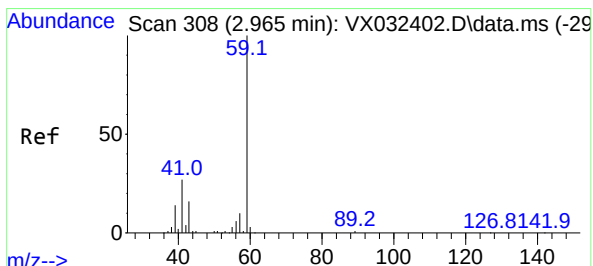
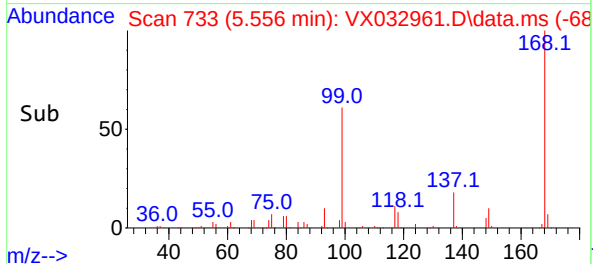
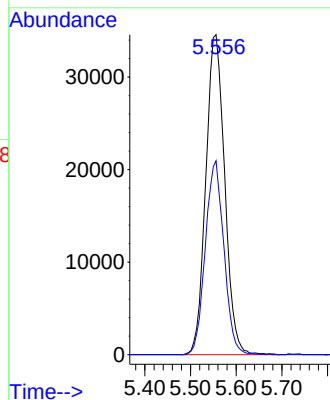
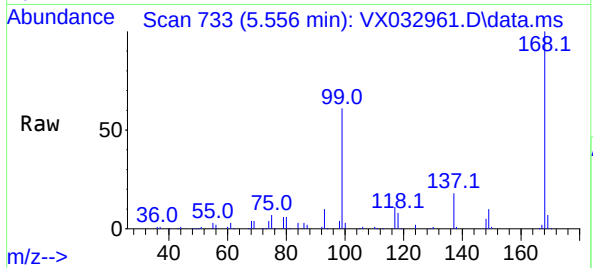




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

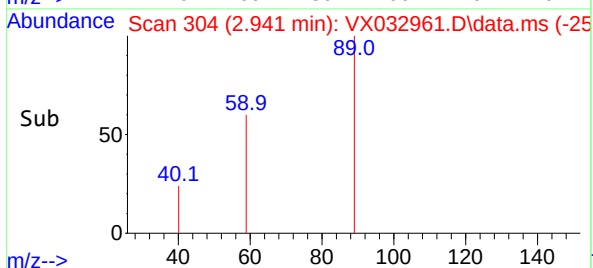
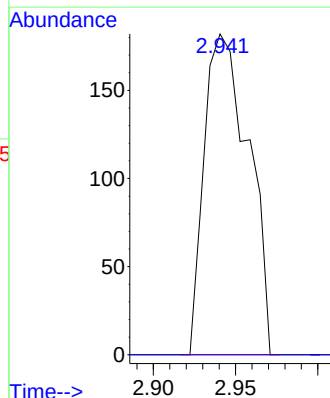
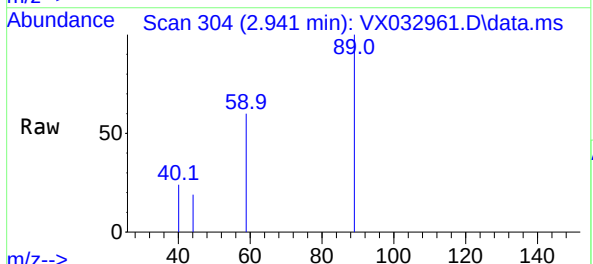
Instrument :
MSVOA_X
ClientSampleId :

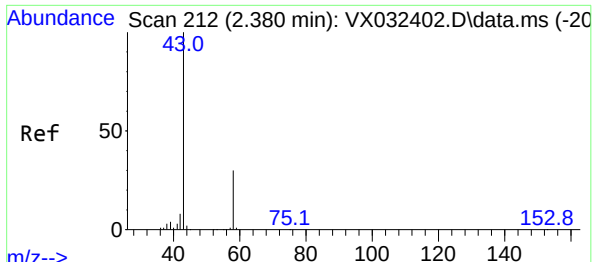
Tgt Ion:168 Resp: 99438
Ion Ratio Lower Upper
168 100
99 60.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.696 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

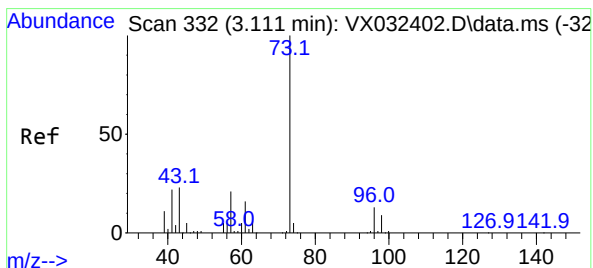
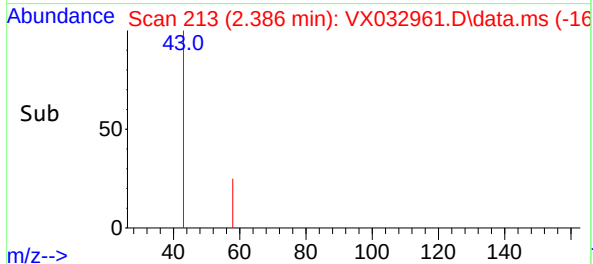
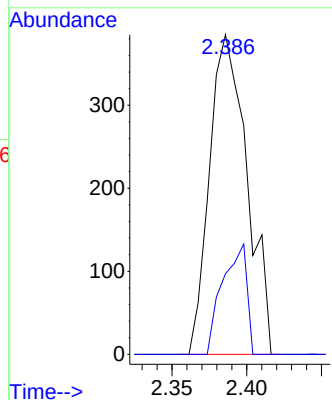
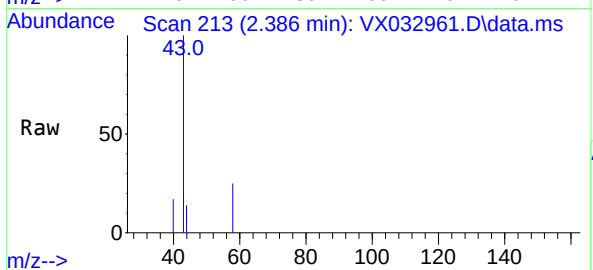




#16
Acetone
Concen: 1.336 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

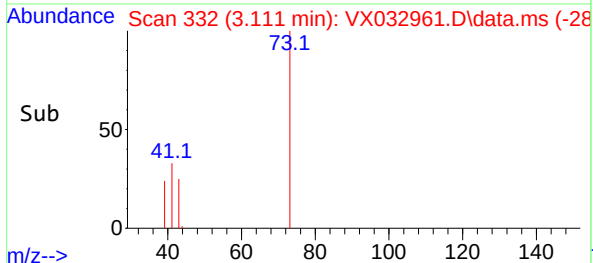
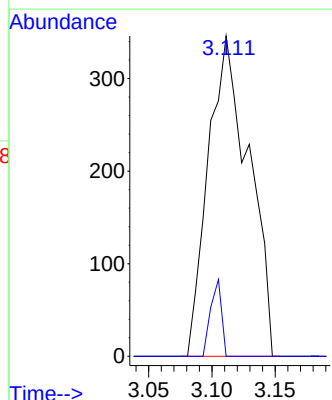
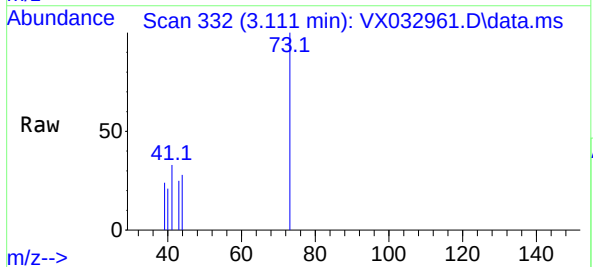
Instrument :
MSVOA_X
ClientSampleId :

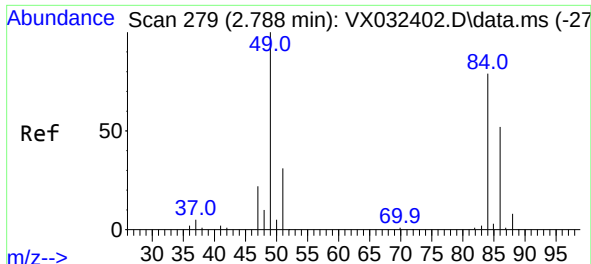
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 25.2 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 0.220 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

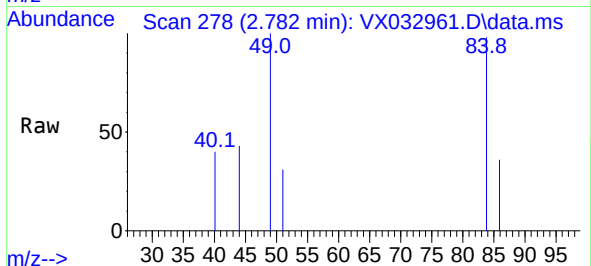
Tgt Ion: 73 Resp: 772
Ion Ratio Lower Upper
73 100
57 0.0 16.6 25.0#





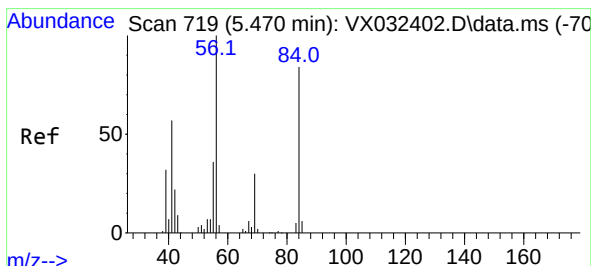
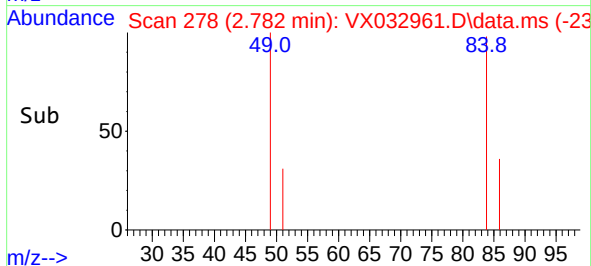
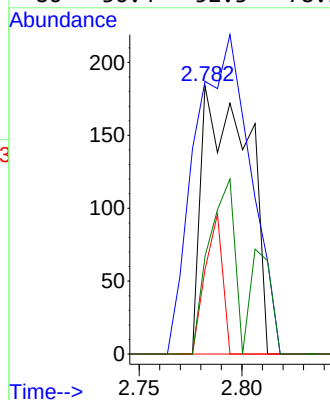
#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 290

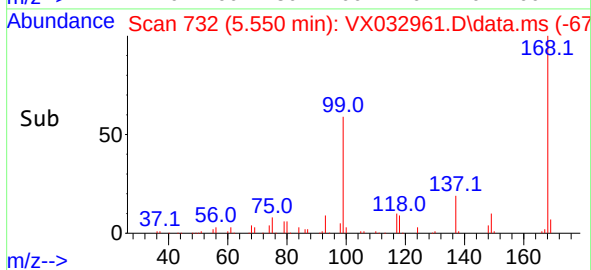
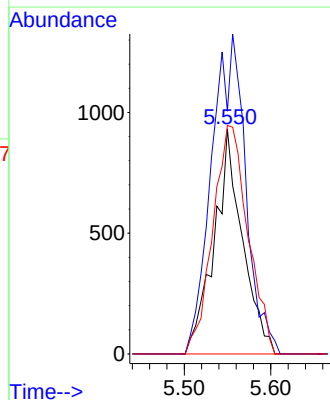
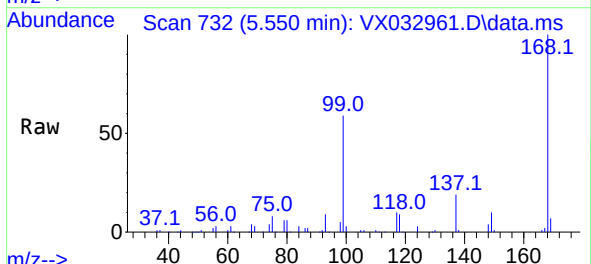
Ion	Ratio	Lower	Upper
84	100		
49	101.6	101.0	151.6
51	31.5	31.1	46.7
86	36.4	52.3	78.5#

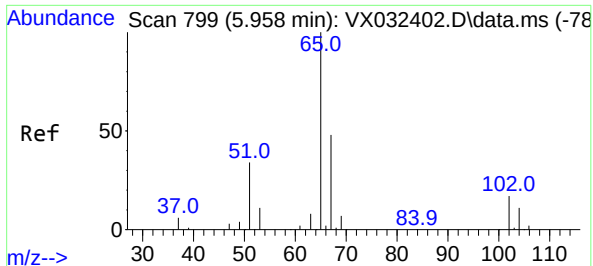


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Tgt Ion: 56 Resp: 2116

Ion	Ratio	Lower	Upper
56	100		
69	107.8	24.1	36.1#
84	101.5	66.9	100.3#



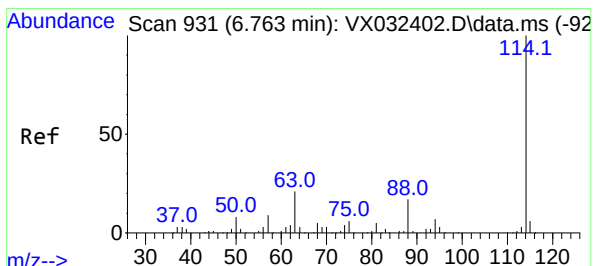
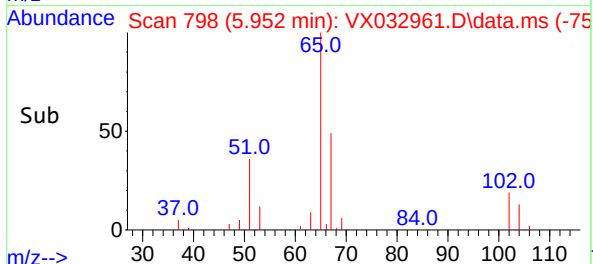
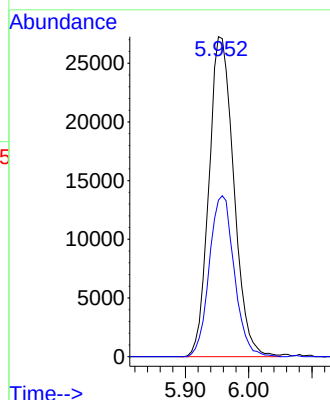
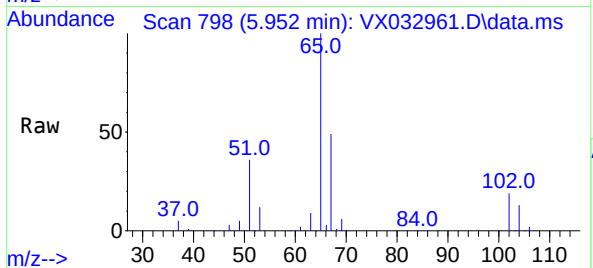


#33
 1,2-Dichloroethane-d4
 Concen: 53.841 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX032961.D
 Acq: 21 Nov 2022 18:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 65 Resp: 74391

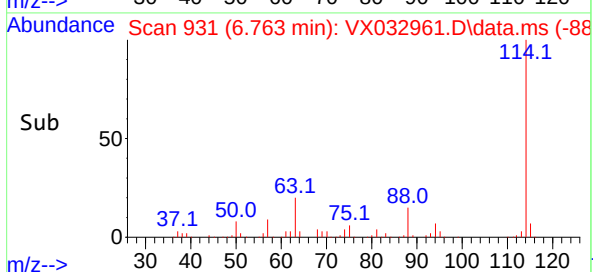
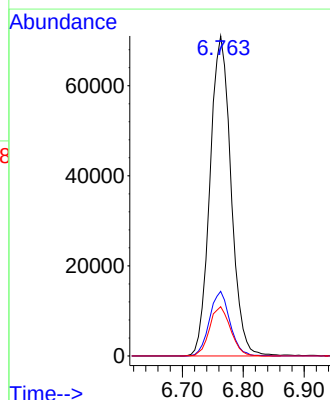
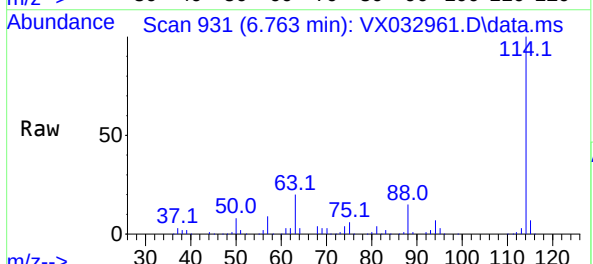
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.8

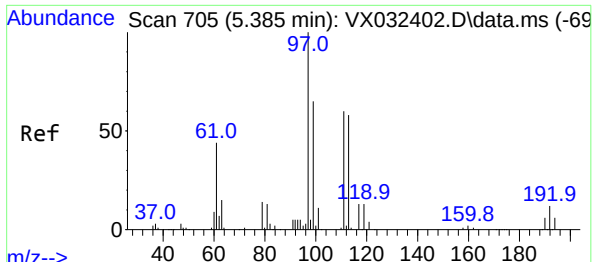


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032961.D
 Acq: 21 Nov 2022 18:37

Tgt Ion: 114 Resp: 170353

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.6
88	15.4	0.0	33.4





#35

Dibromofluoromethane

Concen: 48.470 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

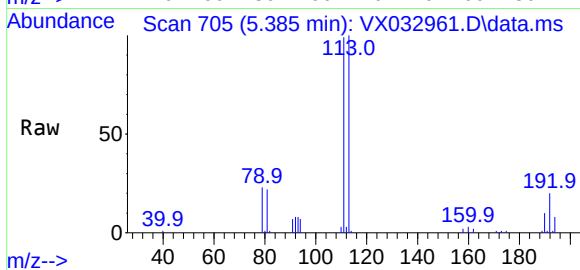
Lab File: VX032961.D

Acq: 21 Nov 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :



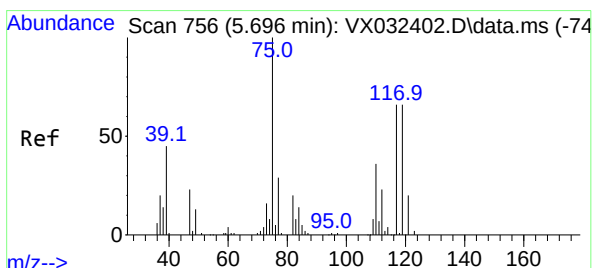
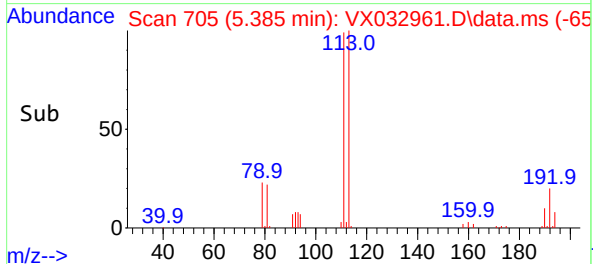
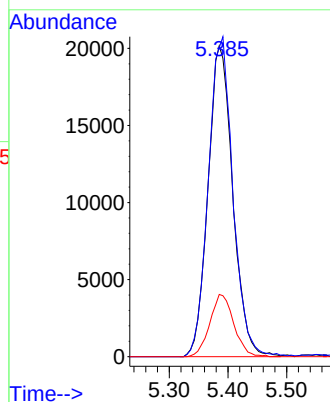
Tgt Ion:113 Resp: 58898

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.599 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX032961.D

Acq: 21 Nov 2022 18:37

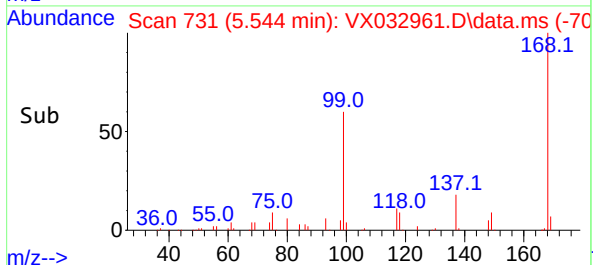
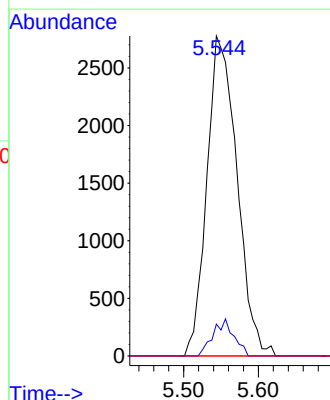
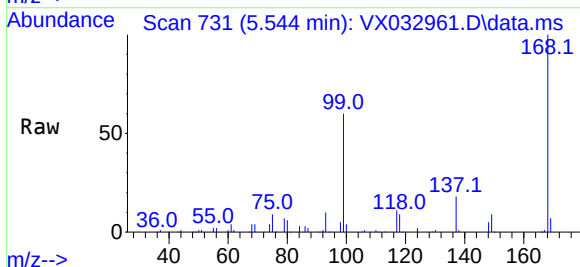
Tgt Ion: 75 Resp: 7783

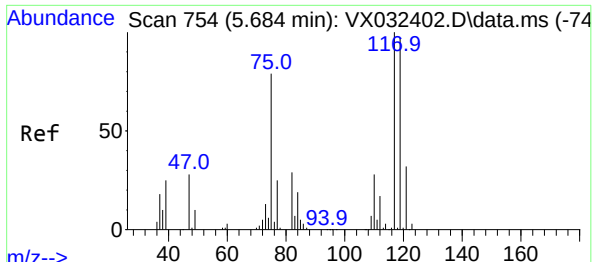
Ion Ratio Lower Upper

75 100

110 8.0 18.4 55.2#

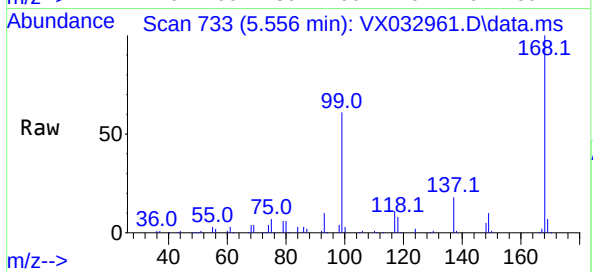
77 0.0 24.5 36.7#



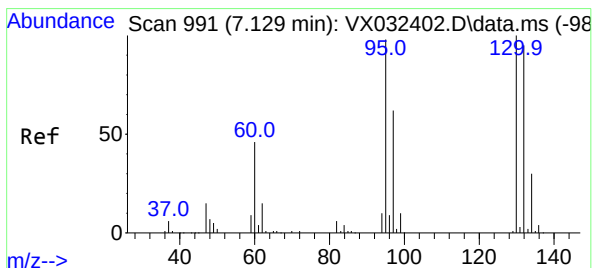
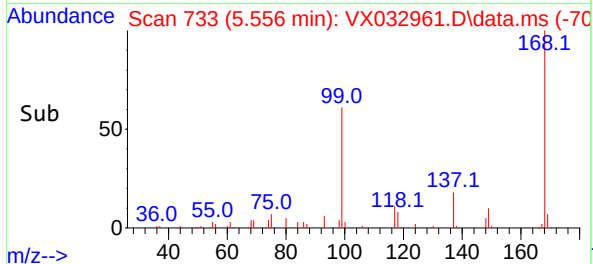
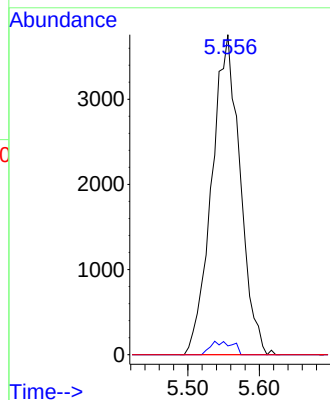


#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Instrument :
MSVOA_X
ClientSampleId :

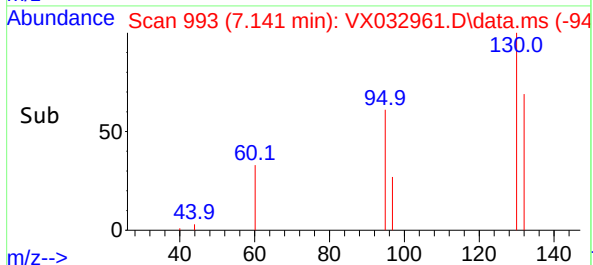
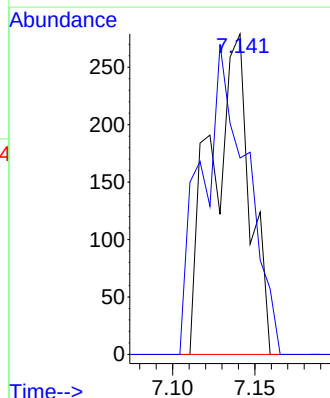
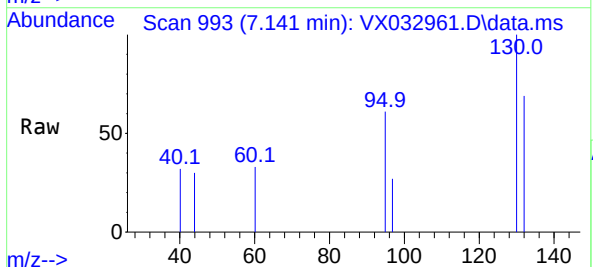


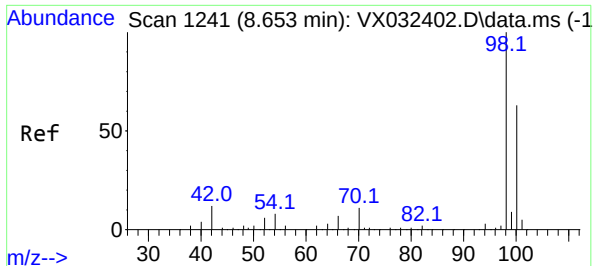
Tgt Ion:117 Resp: 10352
Ion Ratio Lower Upper
117 100
119 2.8 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 0.341 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Tgt Ion:130 Resp: 459
Ion Ratio Lower Upper
130 100
95 61.3 0.0 195.2

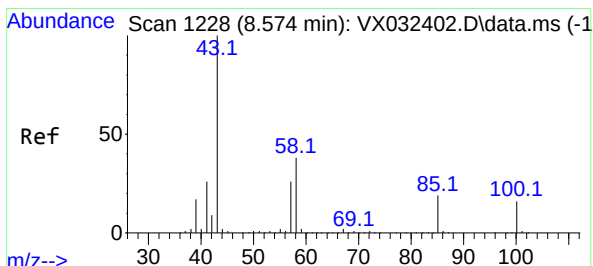
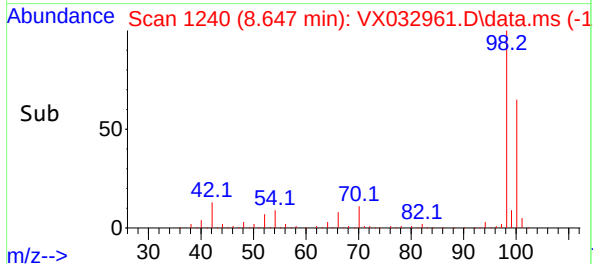
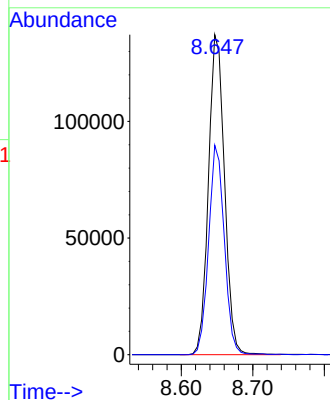
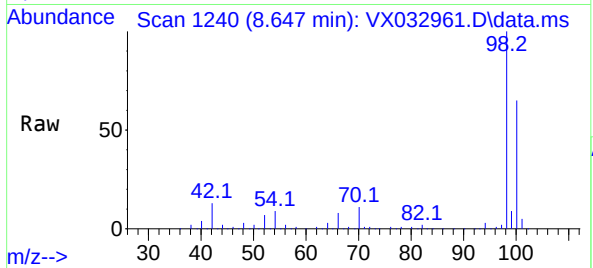




#50
Toluene-d8
Concen: 50.596 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

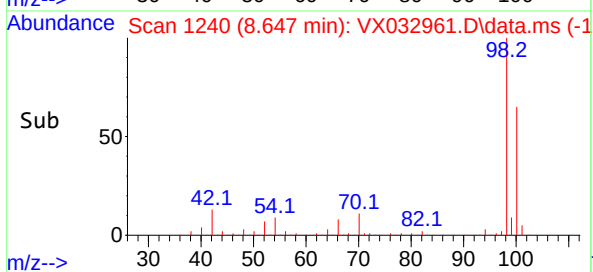
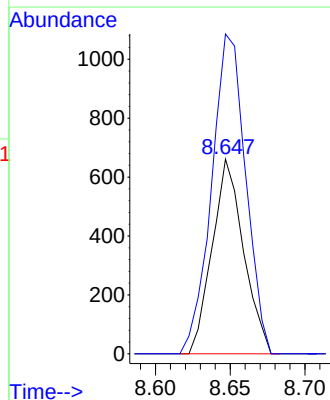
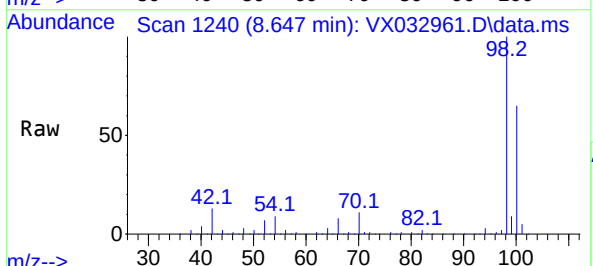
Instrument :
MSVOA_X
ClientSampleId :

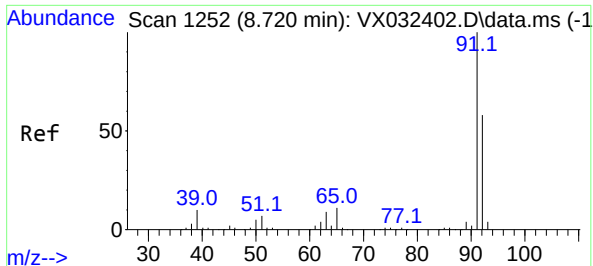
Tgt Ion: 98 Resp: 213784
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 178.3 30.9 46.3#

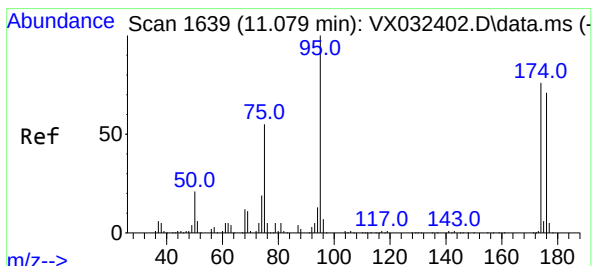
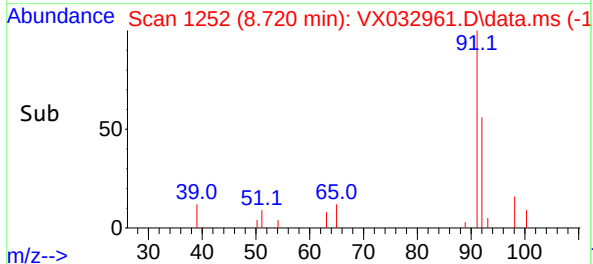
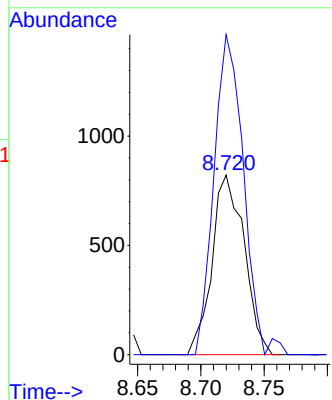
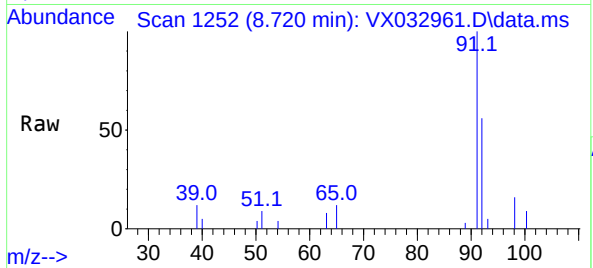




#52
Toluene
Concen: 0.465 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

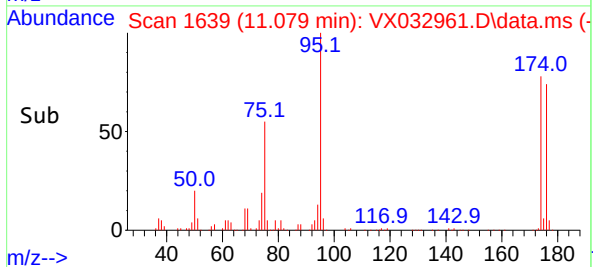
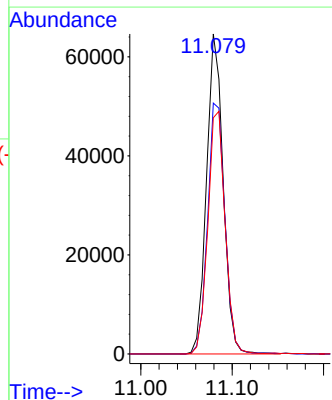
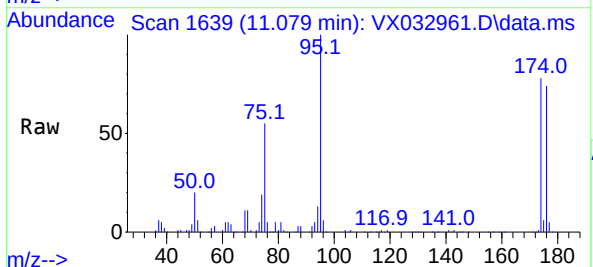
Instrument :
MSVOA_X
ClientSampleId :

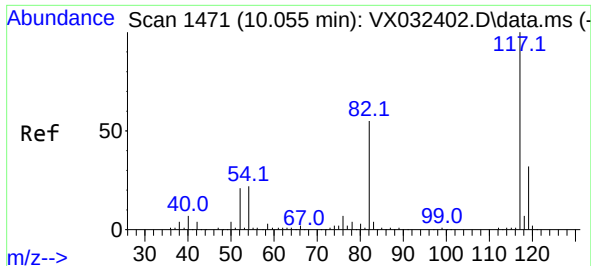
Tgt Ion: 92 Resp: 1453
Ion Ratio Lower Upper
92 100
91 163.9 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.306 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

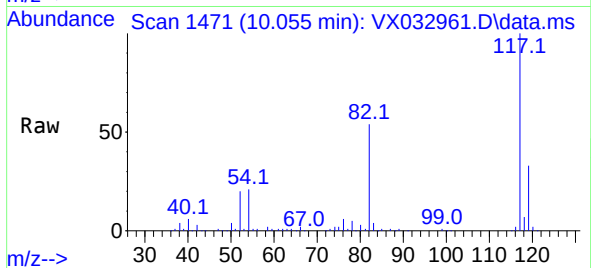
Tgt Ion: 95 Resp: 81380
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 78.8 0.0 154.4



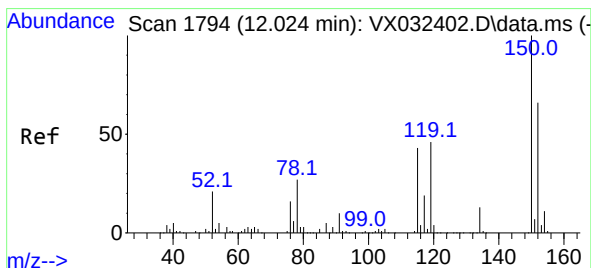
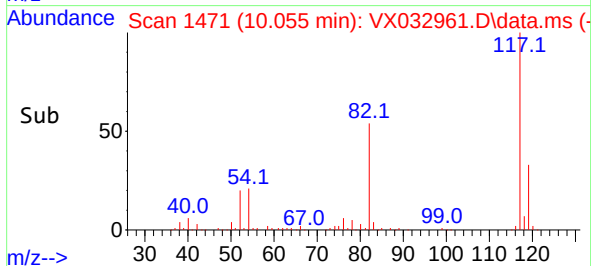
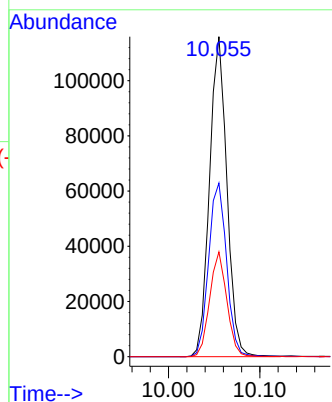


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Instrument :
MSVOA_X
ClientSampleId :

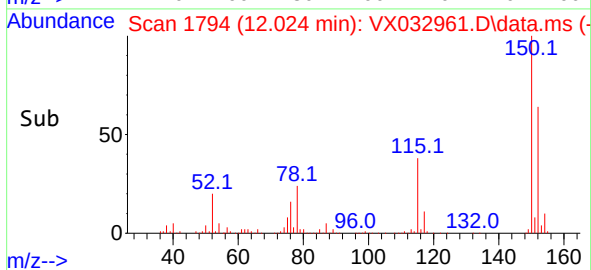
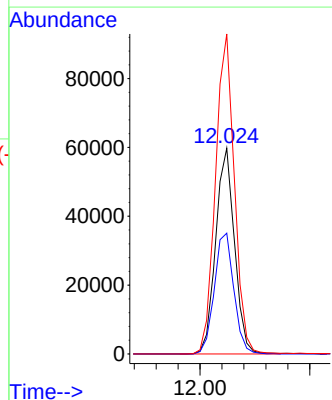
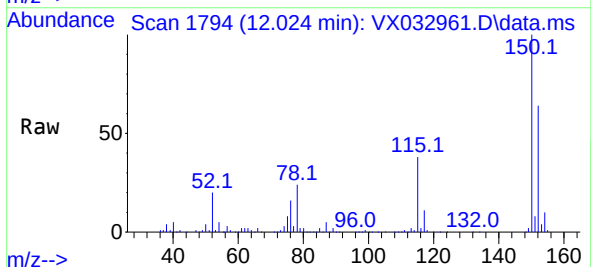


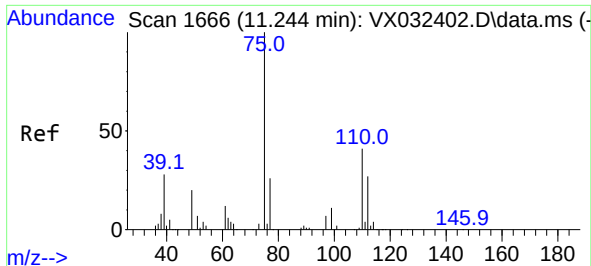
Tgt Ion:117 Resp: 153613
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Tgt Ion:152 Resp: 71450
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 156.1 0.0 351.8

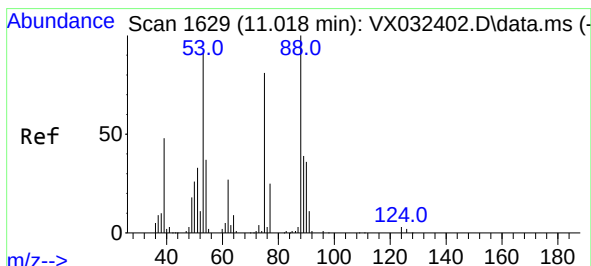
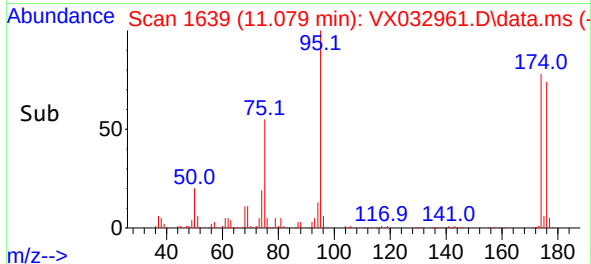
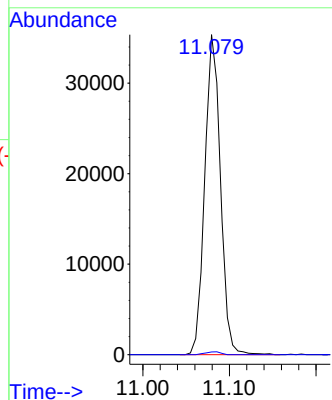
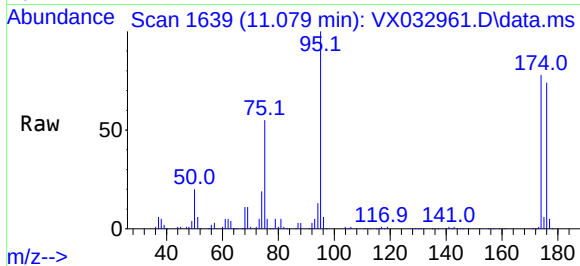




#76
1,2,3-Trichloropropane
Concen: 27.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44487
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032961.D
Acq: 21 Nov 2022 18:37

Tgt Ion: 75 Resp: 44487
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

