

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032737.D
 Acq On : 10 Nov 2022 18:37
 Operator : JC/MD
 Sample : N5558-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20221109

Quant Time: Nov 11 00:38:16 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)

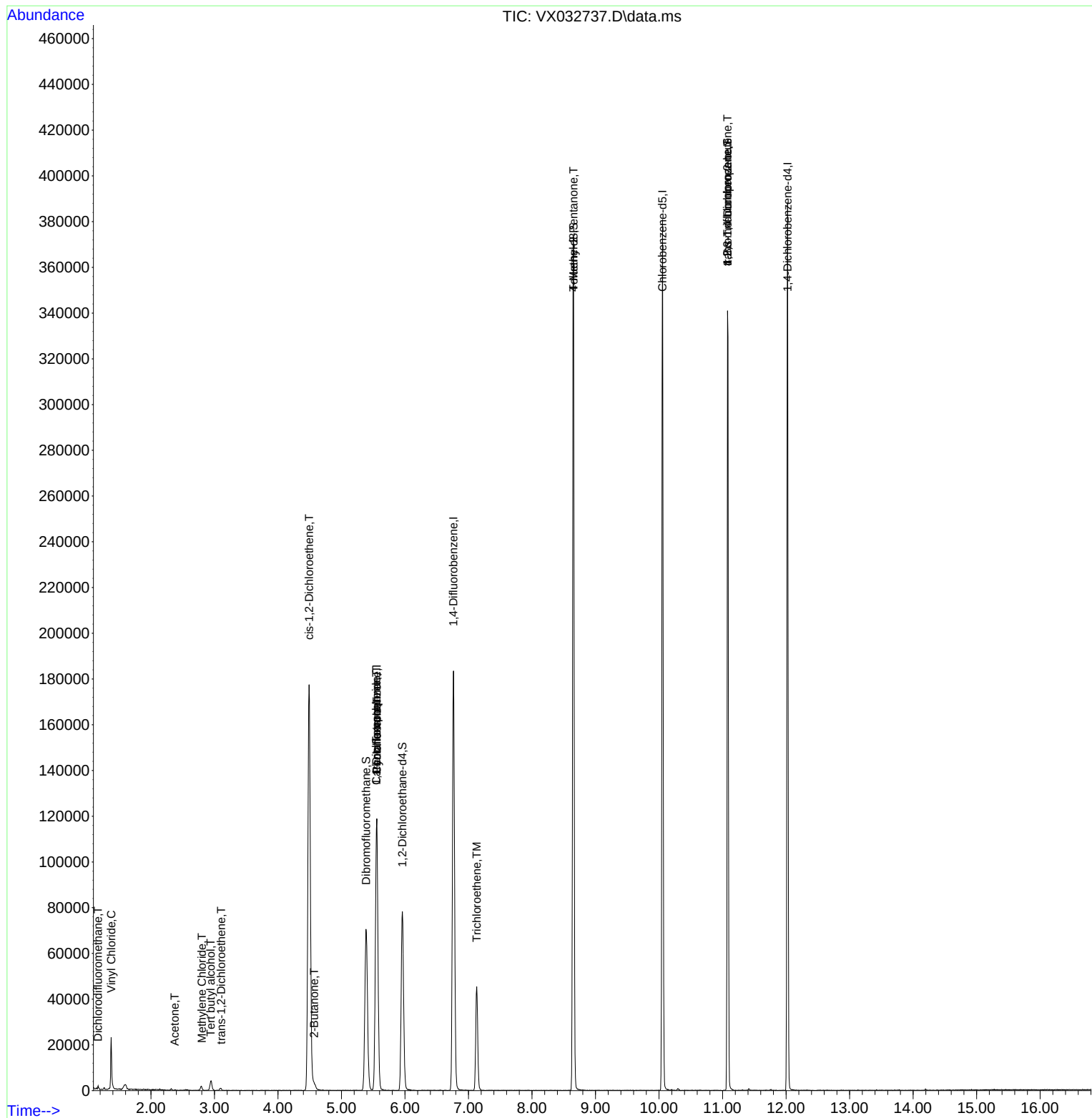
Internal Standards						
1) Pentafluorobenzene	5.556	168	110355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78702	51.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.660%	
35) Dibromofluoromethane	5.385	113	61091	46.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.100%	
50) Toluene-d8	8.653	98	225831	49.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	11.079	95	87367	49.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	689	0.541	ug/l	98
4) Vinyl Chloride	1.374	62	14713	12.420	ug/l	95
11) Tert butyl alcohol	2.940	59	2594	11.623	ug/l #	72
16) Acetone	2.373	43	280	0.502	ug/l #	45
20) Methylene Chloride	2.800	84	1033	0.808	ug/l #	78
21) trans-1,2-Dichloroethene	3.105	96	435	0.361	ug/l #	90
25) 2-Butanone	4.568	43	213	0.247	ug/l #	47
27) cis-1,2-Dichloroethene	4.489	96	112422	80.737	ug/l	90
31) Cyclohexane	5.556	56	2592	1.394	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	8670	4.744	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11323	5.586	ug/l #	15
44) Trichloroethene	7.129	130	17681	12.145	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	1054	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47349	27.076	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47349	86.157	ug/l #	6

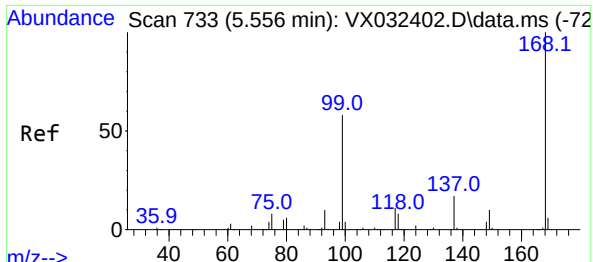
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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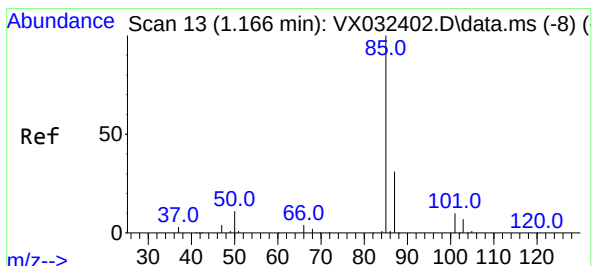
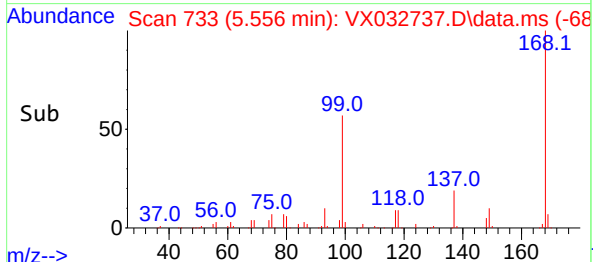
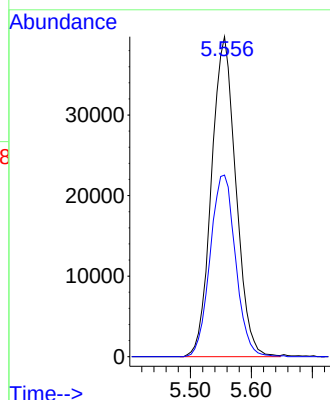
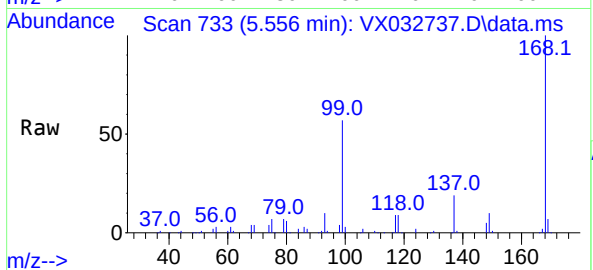




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

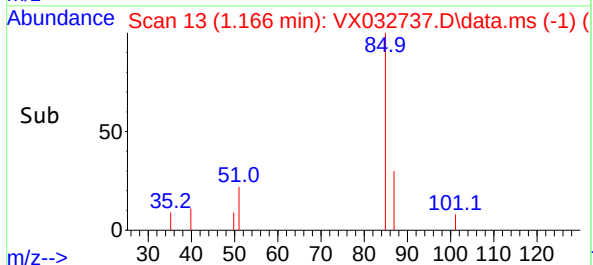
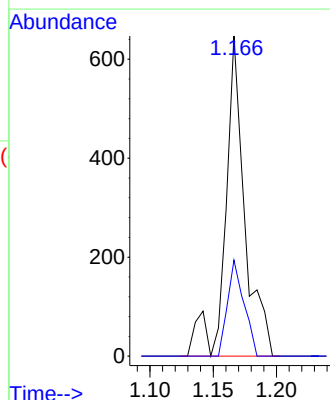
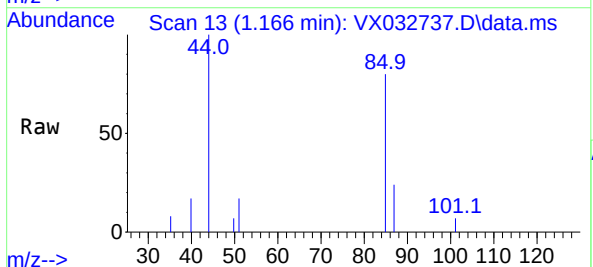
Instrument :
MSVOA_X
ClientSampleId :
91BR-20221109

Tgt Ion:168 Resp: 110355
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1

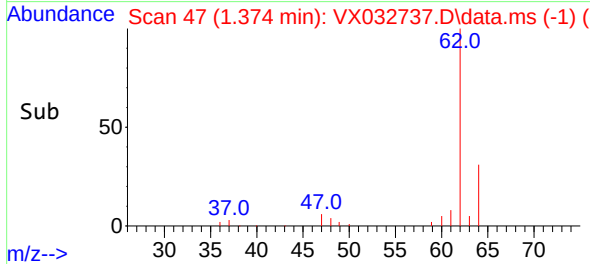
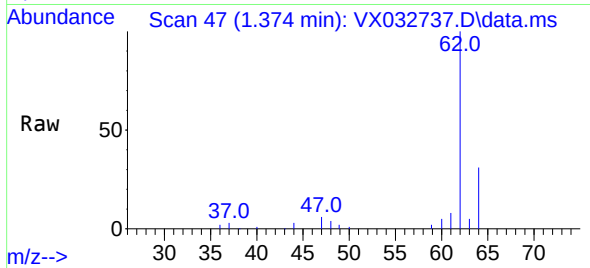
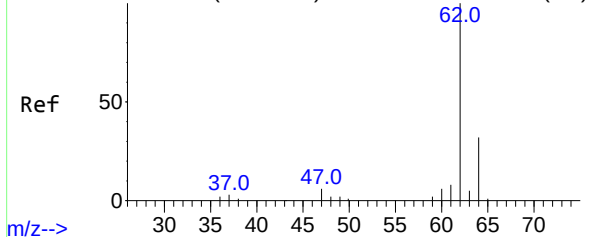


#2
Dichlorodifluoromethane
Concen: 0.541 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion: 85 Resp: 689
Ion Ratio Lower Upper
85 100
87 30.0 15.6 46.7



Abundance Scan 47 (1.374 min): VX032402.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 12.420 ug/l

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX032737.D

Acq: 10 Nov 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

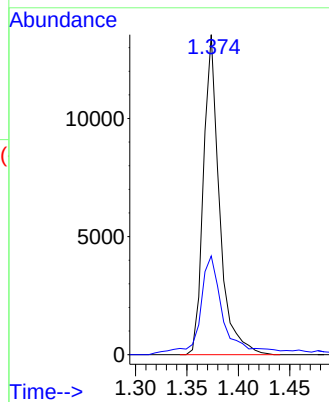
91BR-20221109

Tgt Ion: 62 Resp: 14713

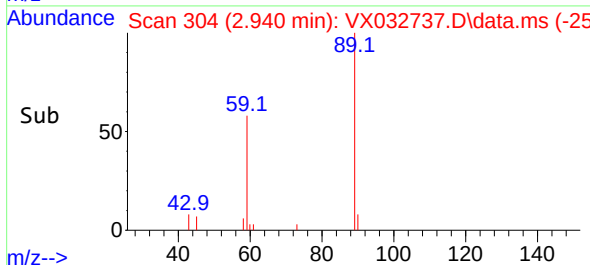
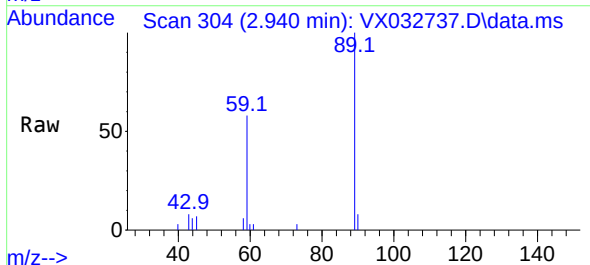
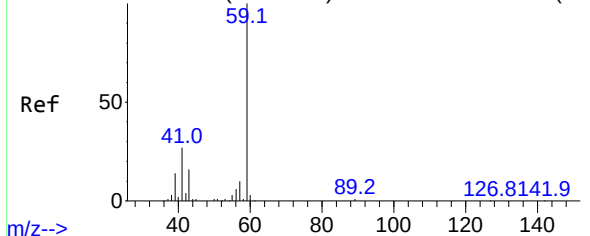
Ion Ratio Lower Upper

62 100

64 29.6 25.8 38.6



Abundance Scan 308 (2.965 min): VX032402.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 11.623 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX032737.D

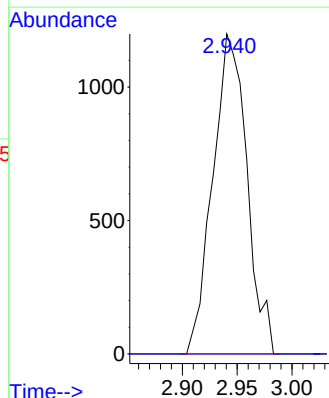
Acq: 10 Nov 2022 18:37

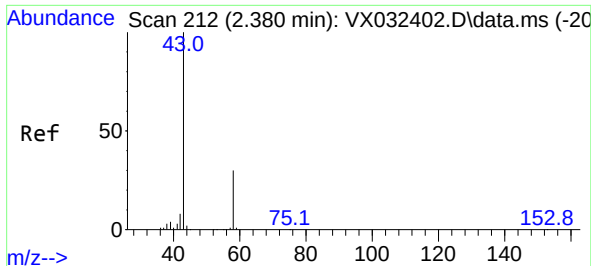
Tgt Ion: 59 Resp: 2594

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

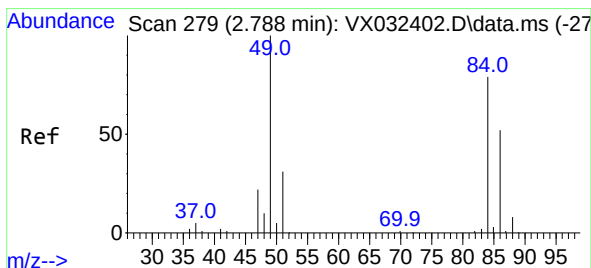
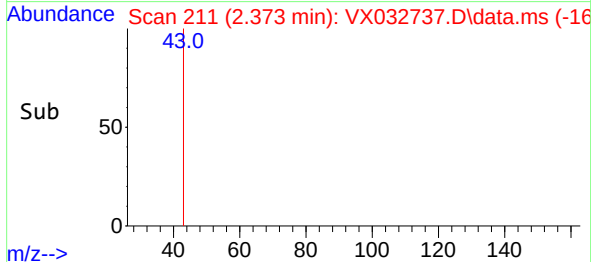
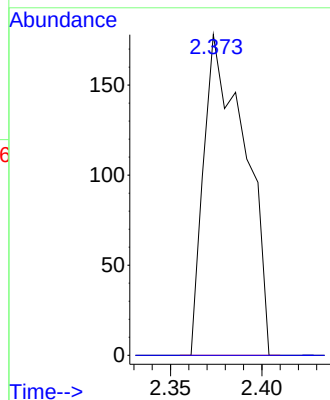
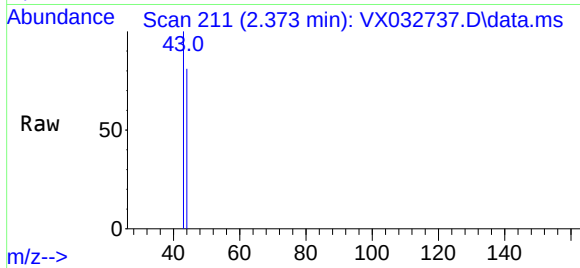




#16
Acetone
Concen: 0.502 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

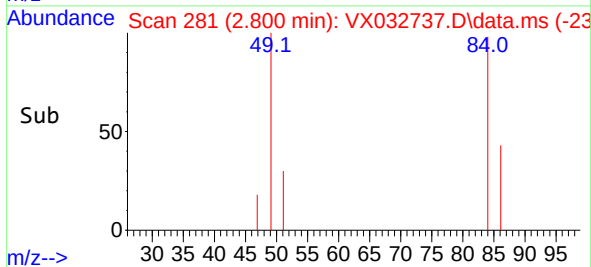
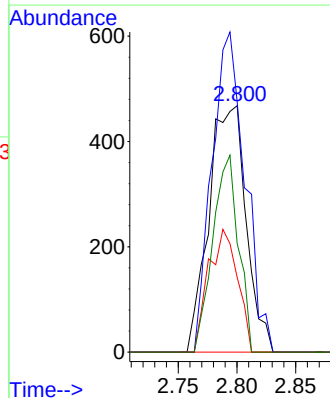
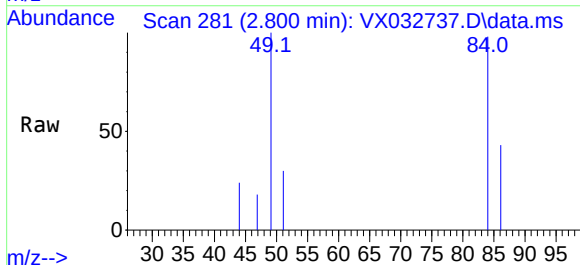
Instrument :
MSVOA_X
ClientSampleId :
91BR-20221109

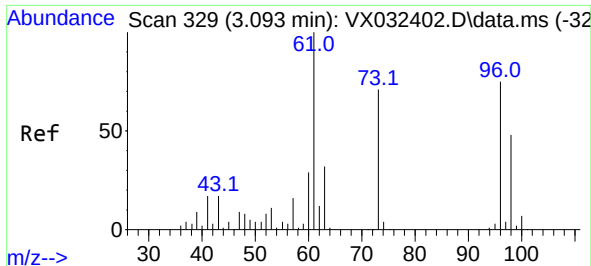
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.808 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion: 84 Resp: 1033
Ion Ratio Lower Upper
84 100
49 101.7 101.0 151.6
51 30.3 31.1 46.7#
86 44.0 52.3 78.5#

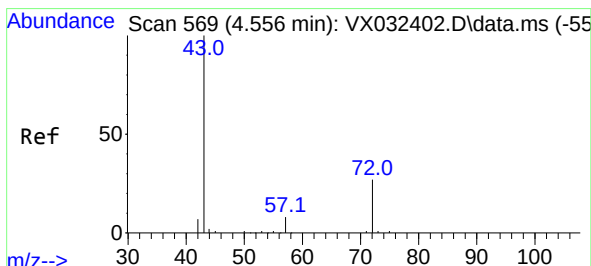
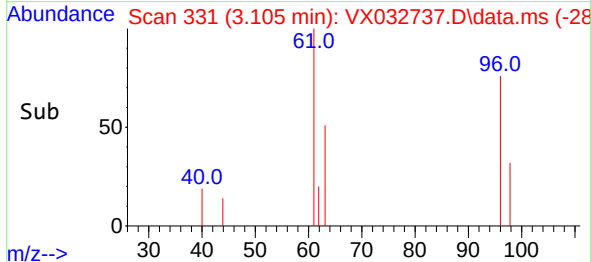
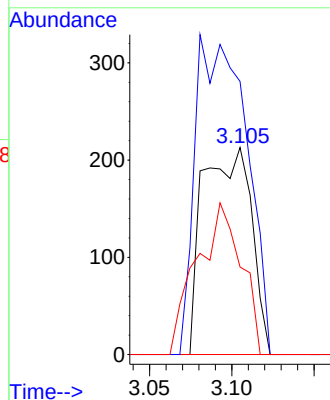
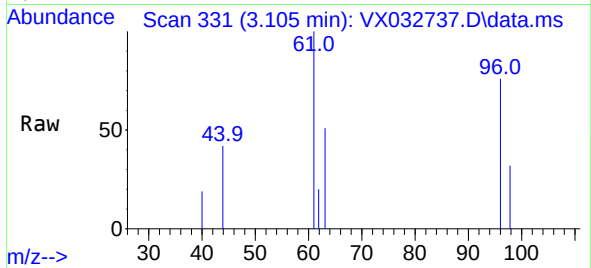




#21
trans-1,2-Dichloroethene
Concen: 0.361 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

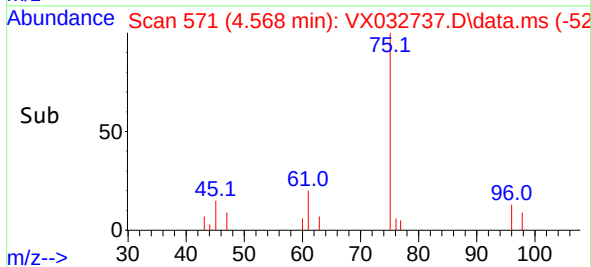
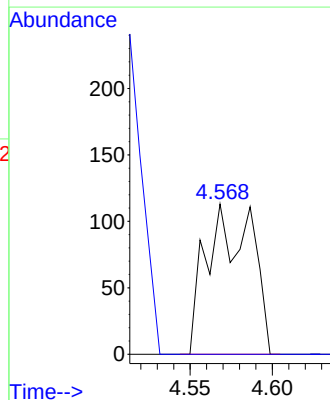
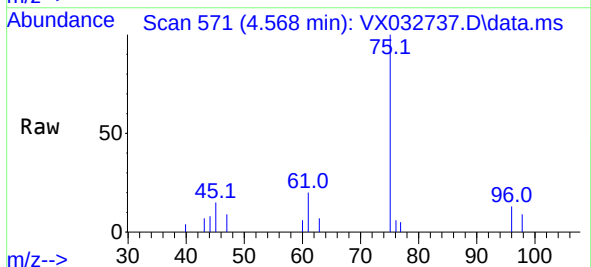
Instrument :
MSVOA_X
ClientSampleId :
91BR-20221109

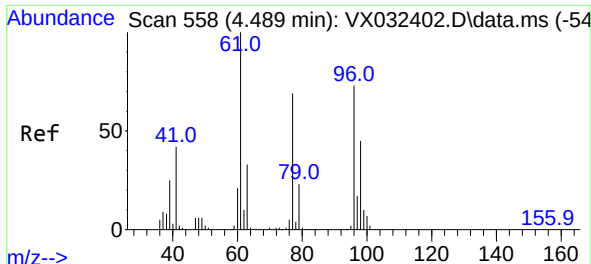
Tgt Ion: 96 Resp: 435
Ion Ratio Lower Upper
96 100
61 131.9 106.6 160.0
98 42.3 51.0 76.6#



#25
2-Butanone
Concen: 0.247 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#

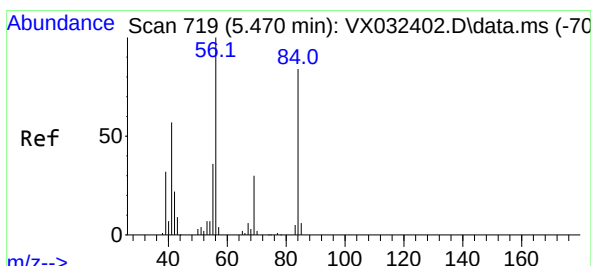
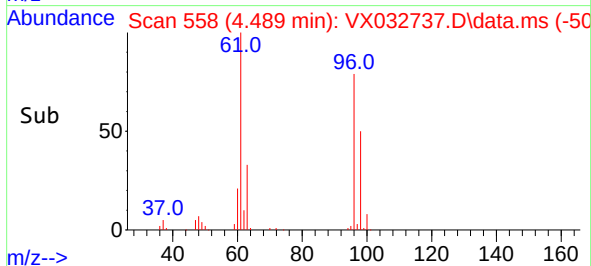
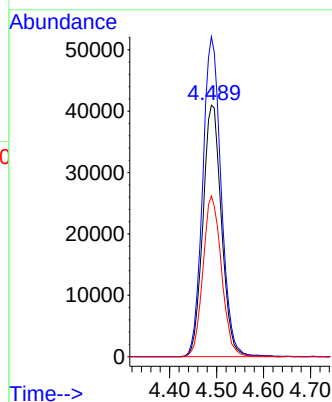
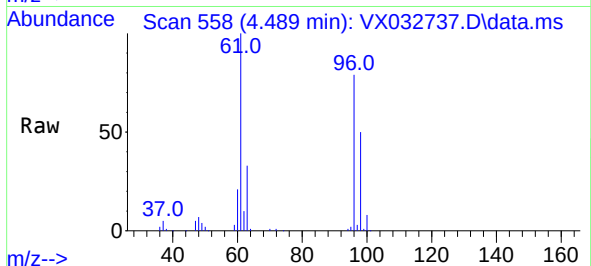




#27
cis-1,2-Dichloroethene
Concen: 80.737 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

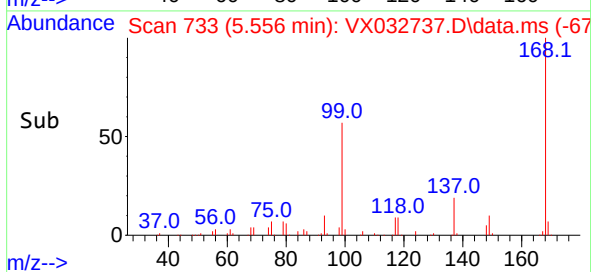
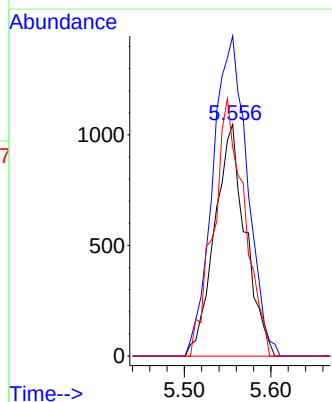
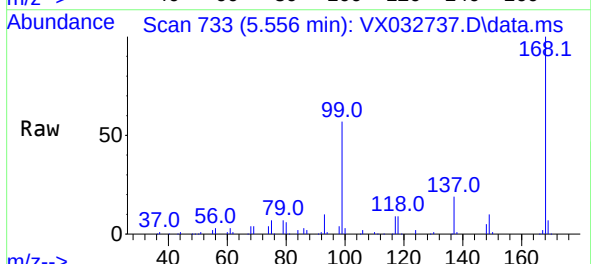
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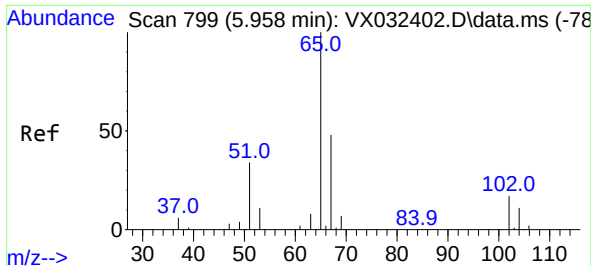
Tgt Ion: 96 Resp: 112422
Ion Ratio Lower Upper
96 100
61 126.3 0.0 286.0
98 63.5 0.0 129.6



#31
Cyclohexane
Concen: 1.394 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion: 56 Resp: 2592
Ion Ratio Lower Upper
56 100
69 138.2 24.1 36.1#
84 90.1 66.9 100.3

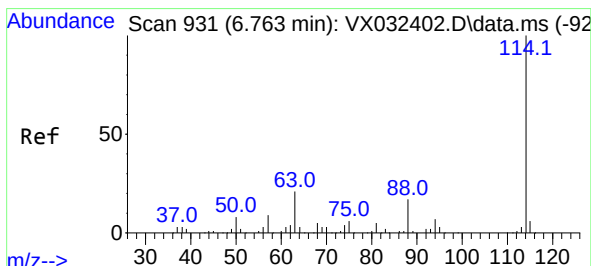
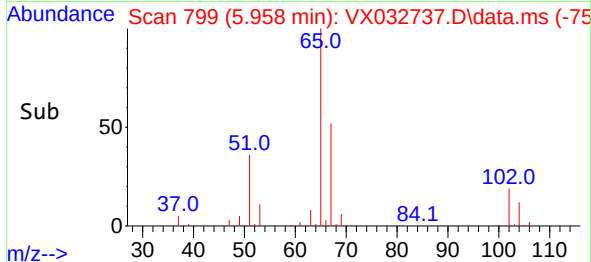
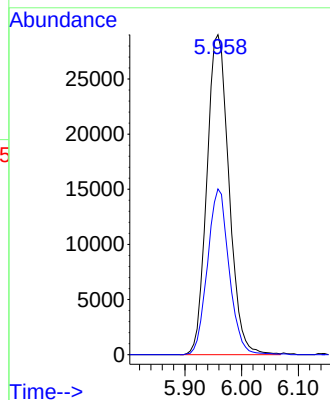
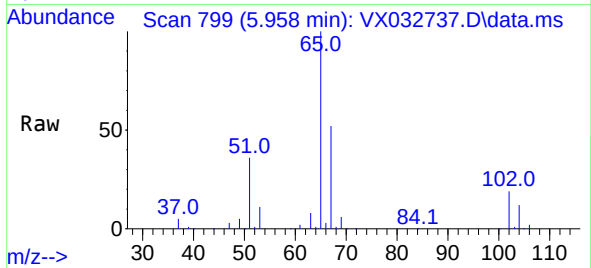




#33
1,2-Dichloroethane-d4
Concen: 51.327 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

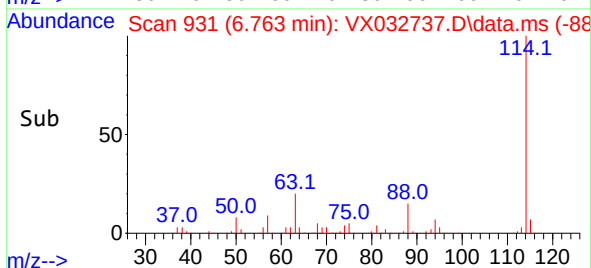
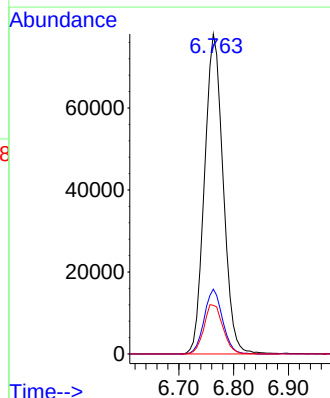
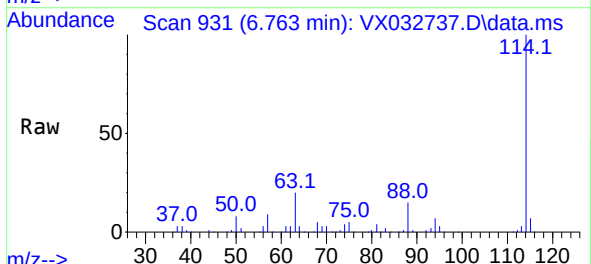
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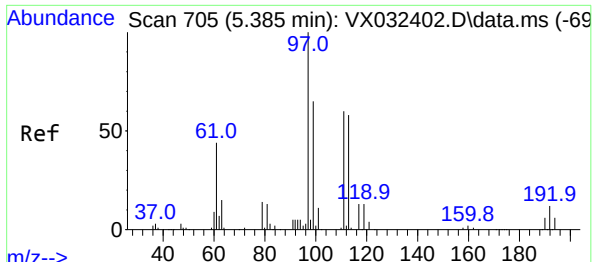
Tgt Ion: 65 Resp: 78702
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion: 114 Resp: 183977
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 15.2 0.0 33.4

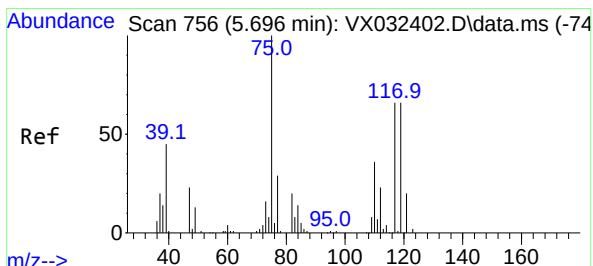
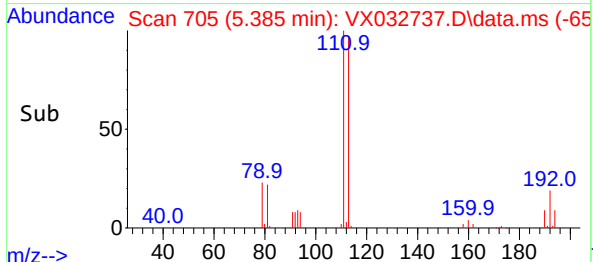
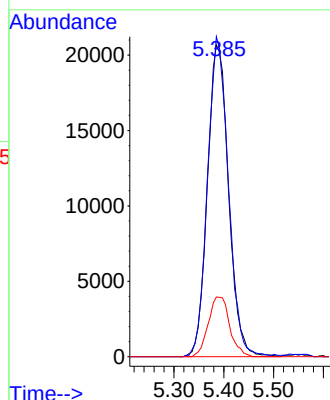
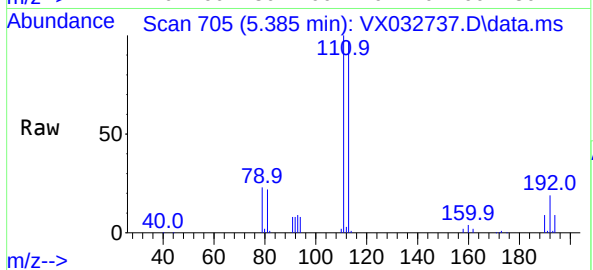




#35
Dibromofluoromethane
Concen: 46.552 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

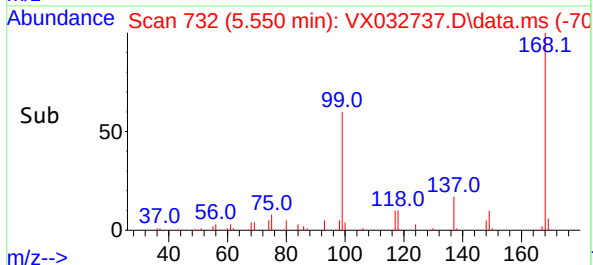
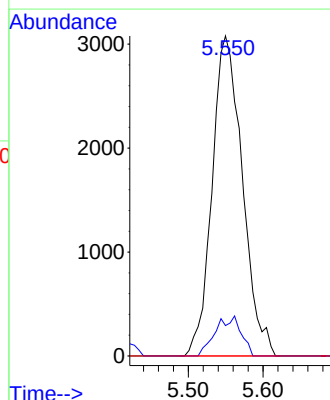
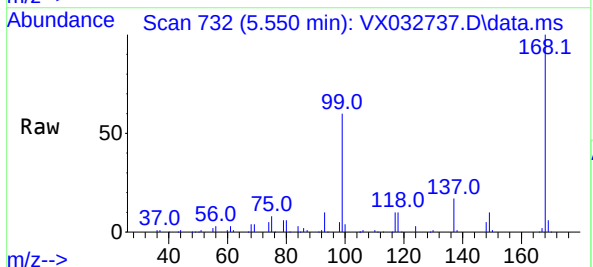
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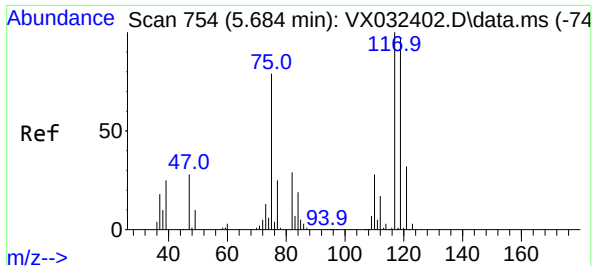
Tgt Ion:113 Resp: 61091
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

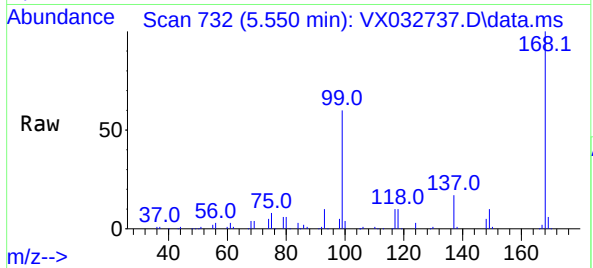
Tgt Ion: 75 Resp: 8670
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#



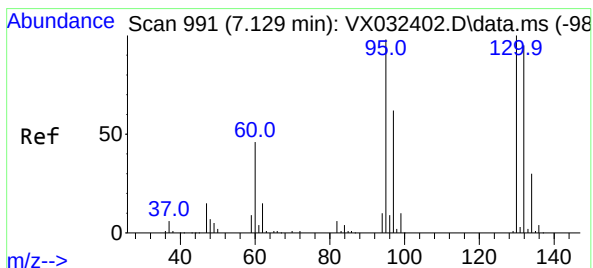
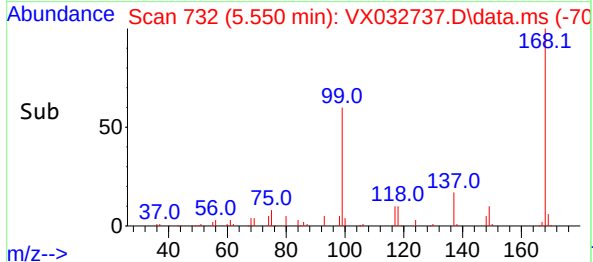
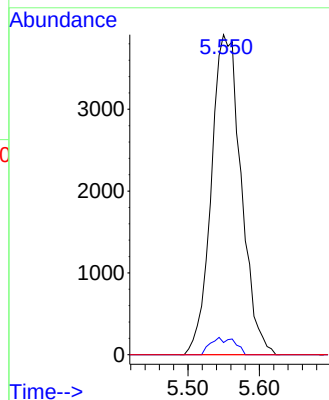


#38
Carbon Tetrachloride
Concen: 5.586 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Instrument :
MSVOA_X
ClientSampleId :
91BR-20221109

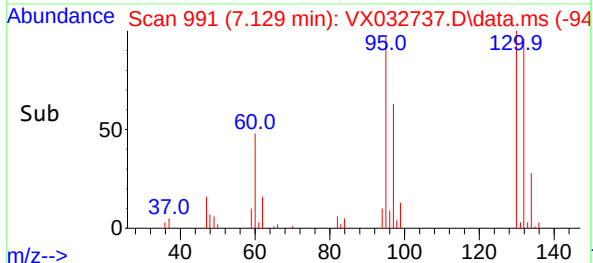
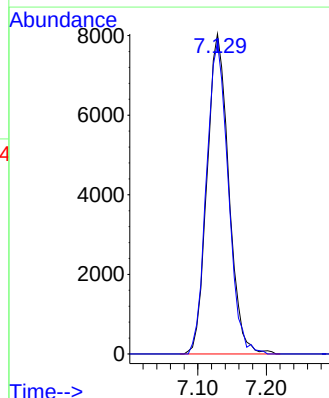
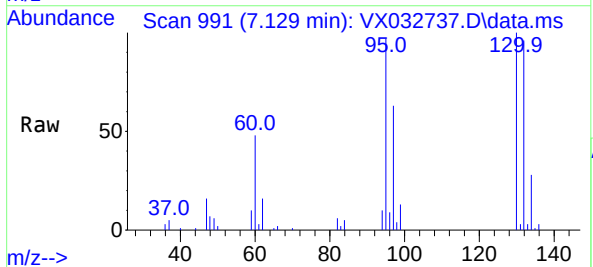


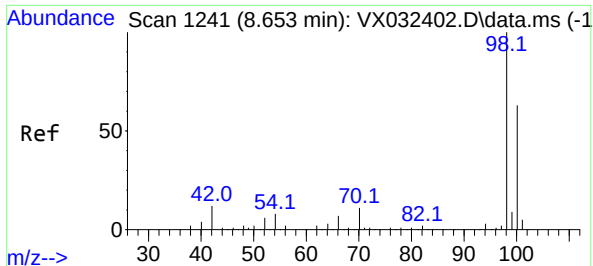
Tgt Ion:117 Resp: 11323
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 12.145 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion:130 Resp: 17681
Ion Ratio Lower Upper
130 100
95 97.4 0.0 195.2

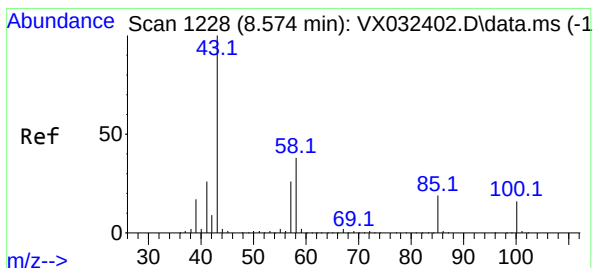
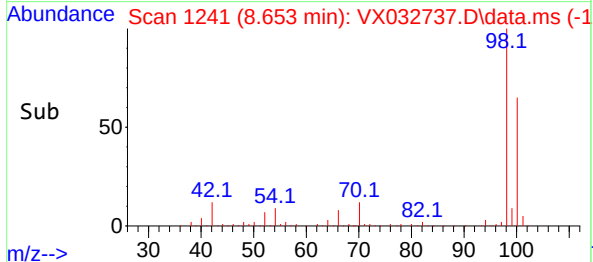
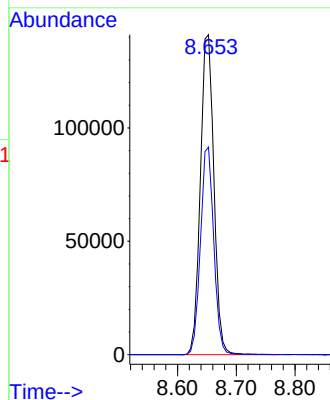
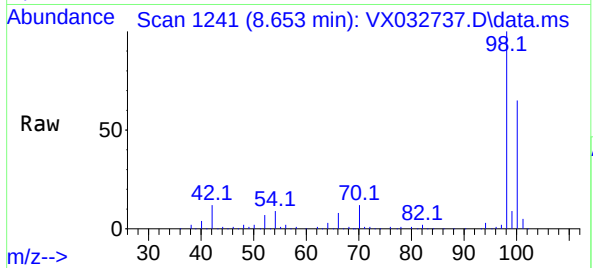




#50
Toluene-d8
Concen: 49.489 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

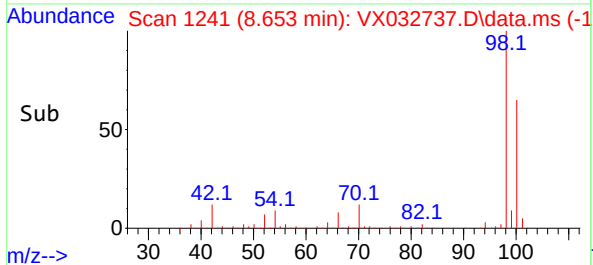
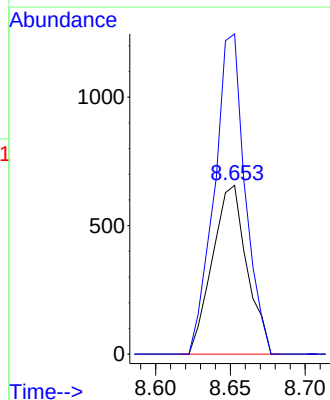
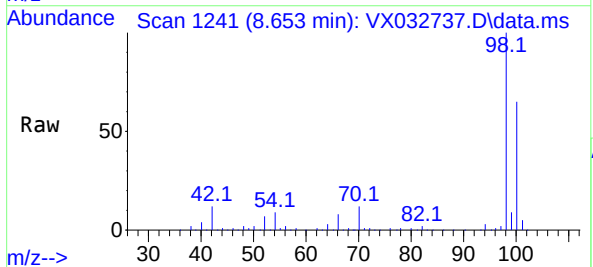
Instrument :
MSVOA_X
ClientSampleId :
91BR-20221109

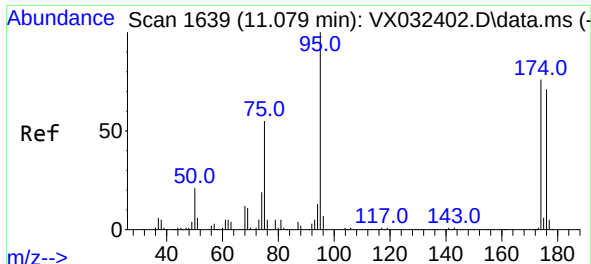
Tgt Ion: 98 Resp: 225831
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.573 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 169.6 30.9 46.3#

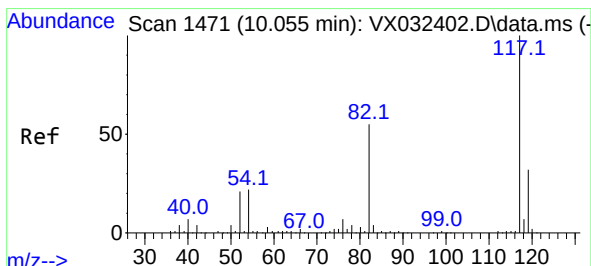
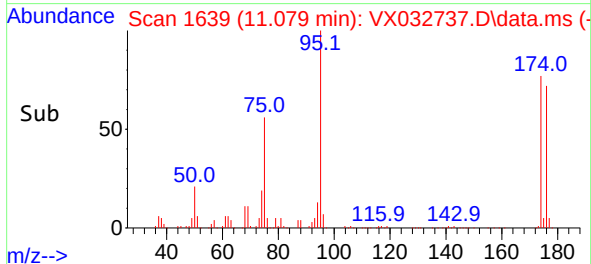
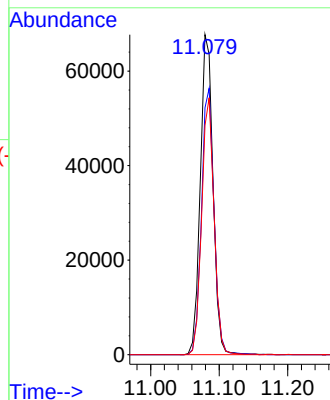
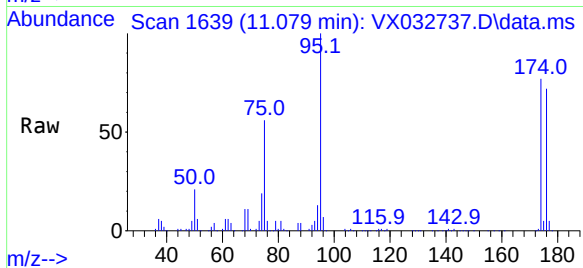




#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

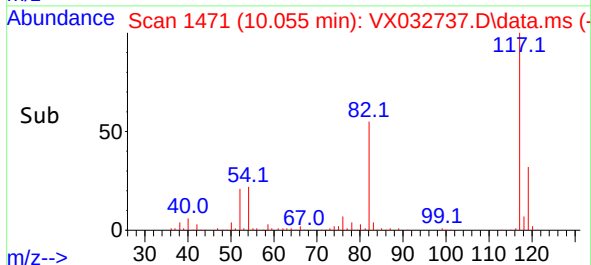
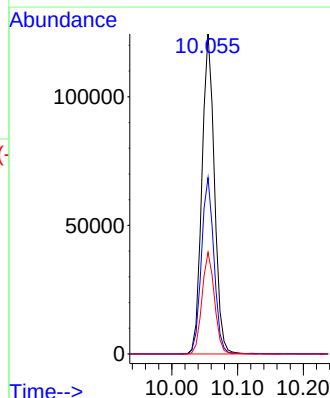
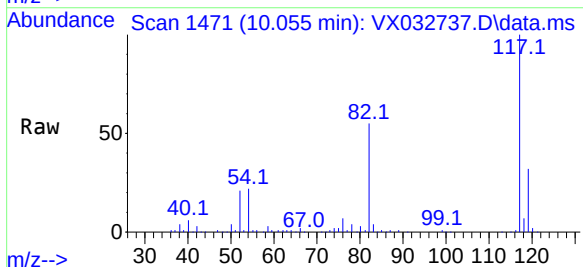
Instrument :
MSVOA_X
ClientSampleId :
91BR-20221109

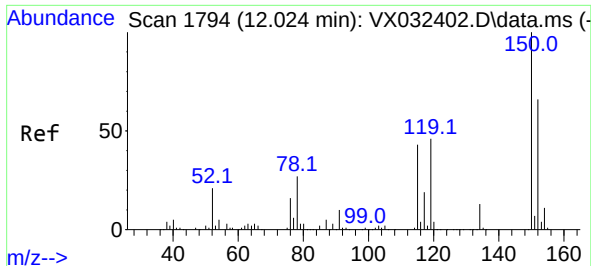
Tgt Ion: 95 Resp: 87367
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Tgt Ion: 117 Resp: 164700
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.8 25.7 38.5

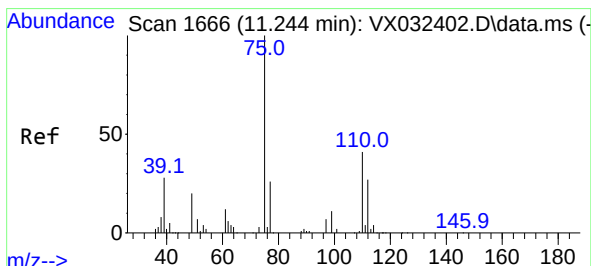
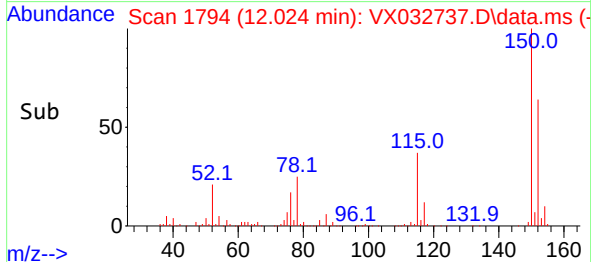
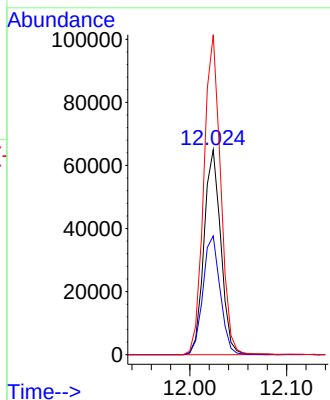
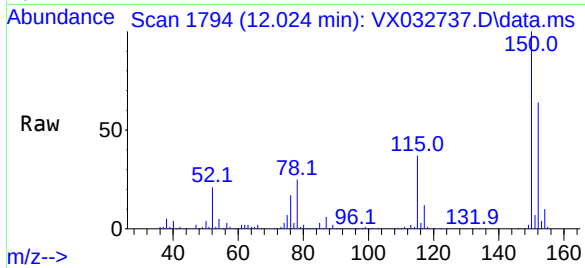




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032737.D
 Acq: 10 Nov 2022 18:37

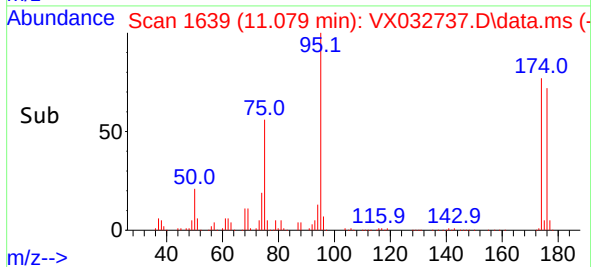
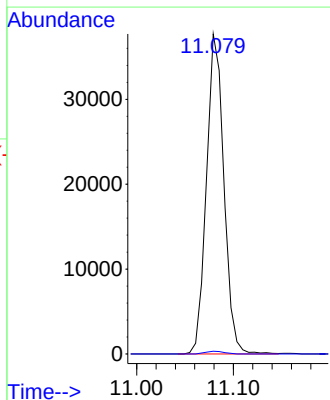
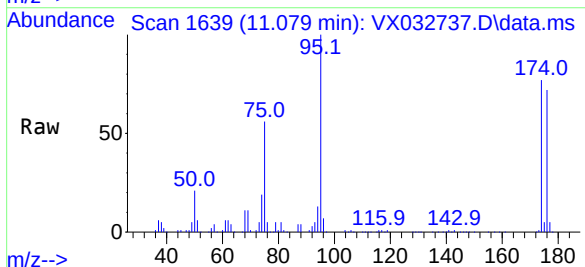
Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20221109

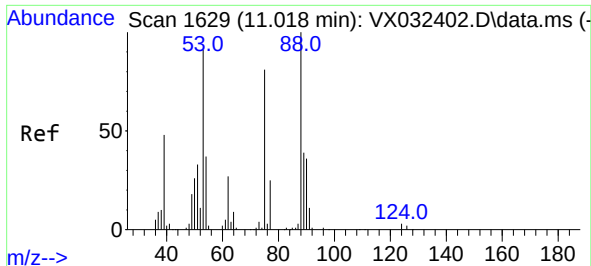
Tgt Ion:152 Resp: 78603
 Ion Ratio Lower Upper
 152 100
 115 59.4 44.0 132.0
 150 156.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.076 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032737.D
 Acq: 10 Nov 2022 18:37

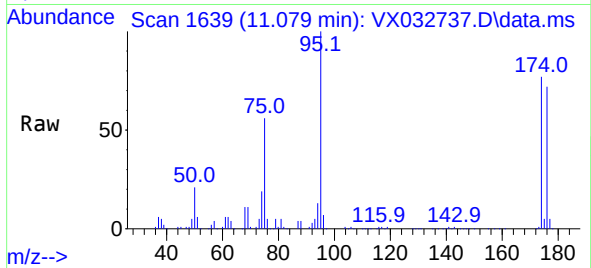
Tgt Ion: 75 Resp: 47349
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.157 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032737.D
Acq: 10 Nov 2022 18:37

Instrument :
MSVOA_X
ClientSampleId :
91BR-20221109



Tgt Ion: 75 Resp: 47349
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

