

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032537.D
 Acq On : 02 Nov 2022 14:53
 Operator : JC/MD
 Sample : N5424-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF1122

Quant Time: Nov 03 03:12:35 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

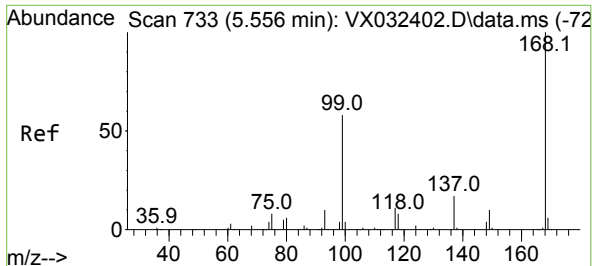
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	109251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74287	48.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.391	113	60438	47.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.653	98	216047	48.360	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	80322	46.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	772	3.494	ug/l #	72
16) Acetone	2.380	43	646	1.171	ug/l	96
18) Methyl Acetate	2.544	43	580	0.323	ug/l #	51
31) Cyclohexane	5.562	56	2359	1.282	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	8536	4.771	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11717	5.905	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	885	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44378	27.310	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44378	86.900	ug/l #	6

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

Quant Time: Nov 03 03:12:35 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

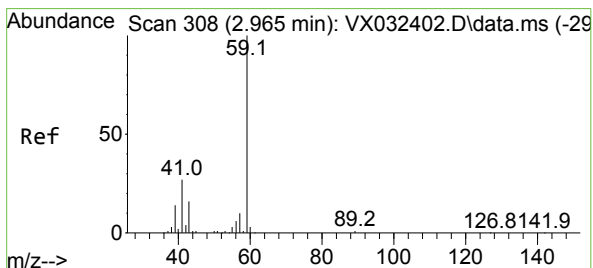
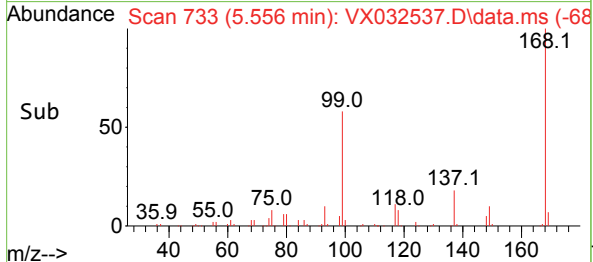
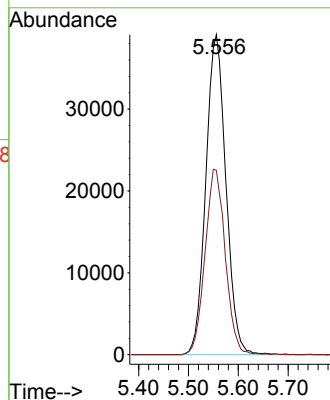
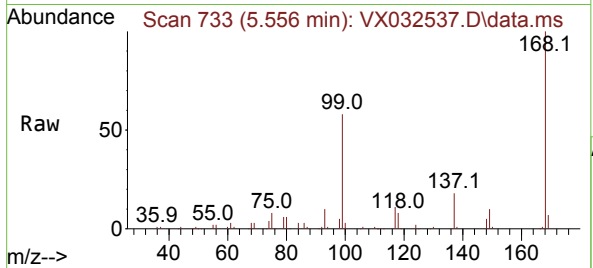




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

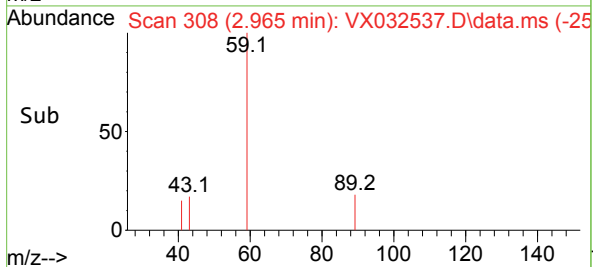
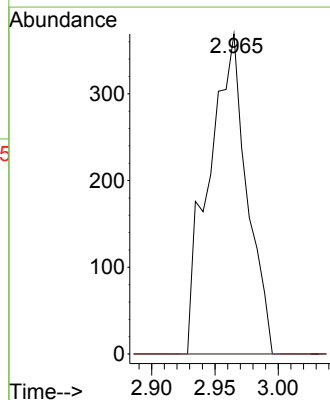
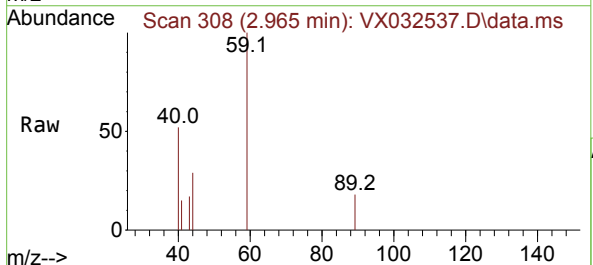
Instrument :
MSVOA_X
ClientSampleId :
EFF1122

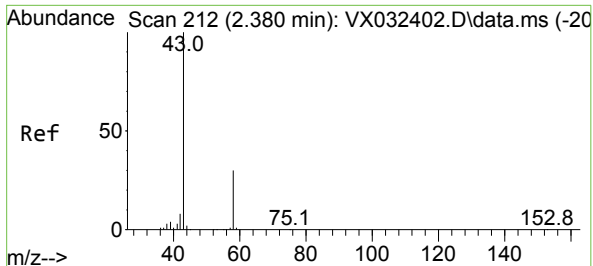
Tgt Ion:168 Resp: 109251
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.494 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

Tgt Ion: 59 Resp: 772
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

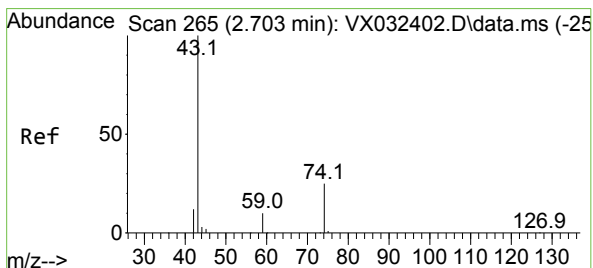
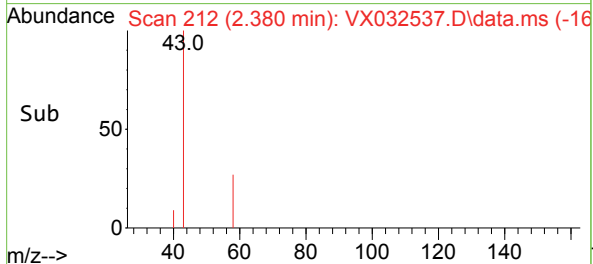
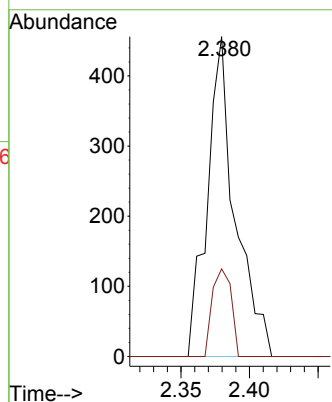
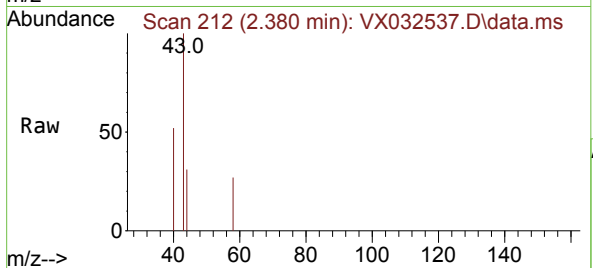




#16
Acetone
Concen: 1.171 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

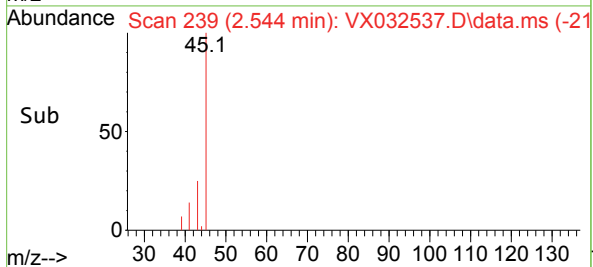
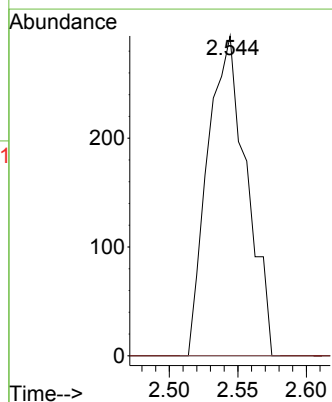
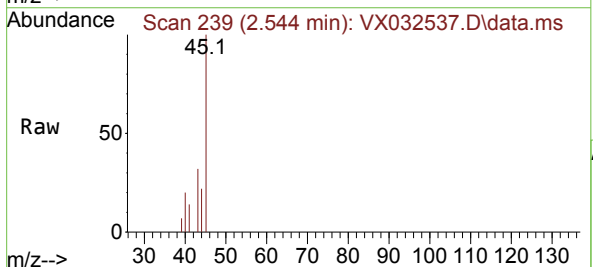
Instrument :
MSVOA_X
ClientSampleId :
EFF1122

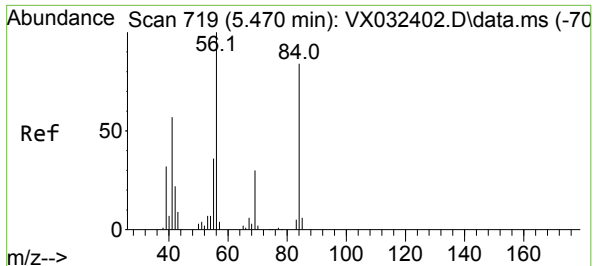
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 27.4 23.8 35.8



#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.158 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

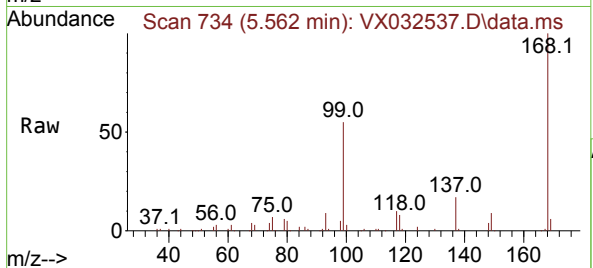
Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



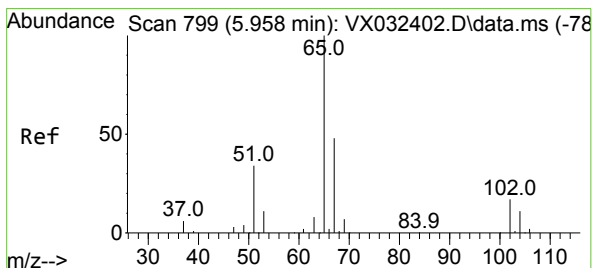
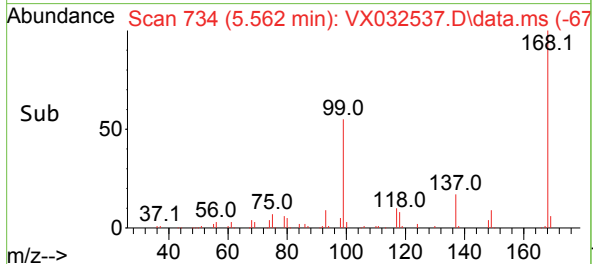
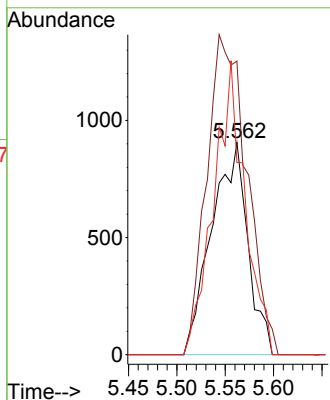


#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
EFF1122

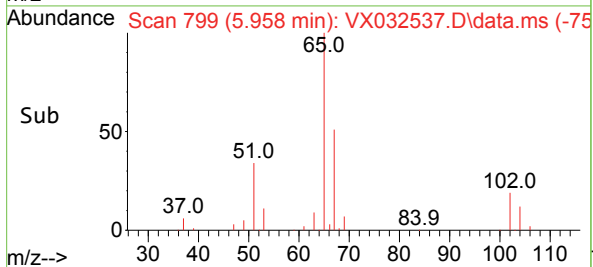
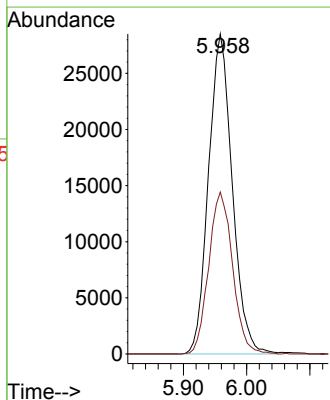
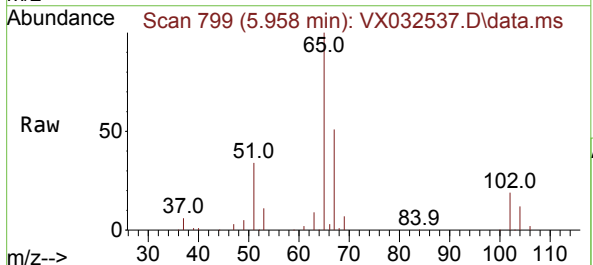


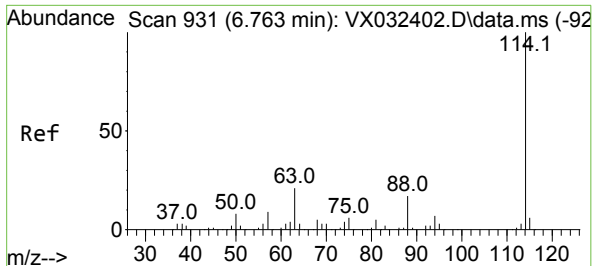
Tgt Ion: 56 Resp: 2359
Ion Ratio Lower Upper
56 100
69 138.3 24.1 36.1#
84 90.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 48.937 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

Tgt Ion: 65 Resp: 74287
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

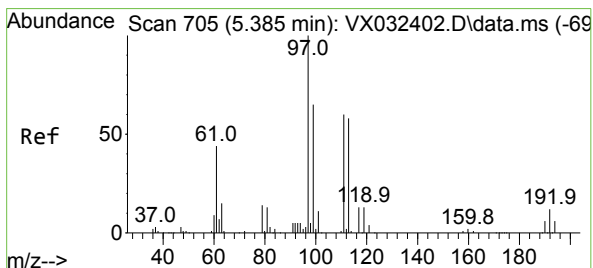
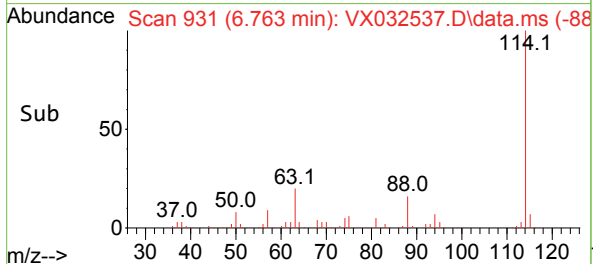
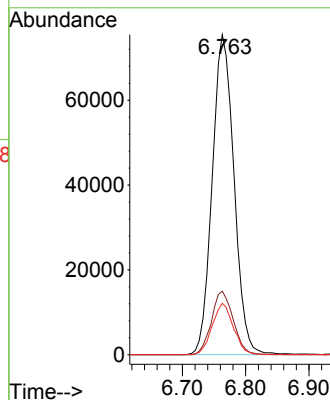
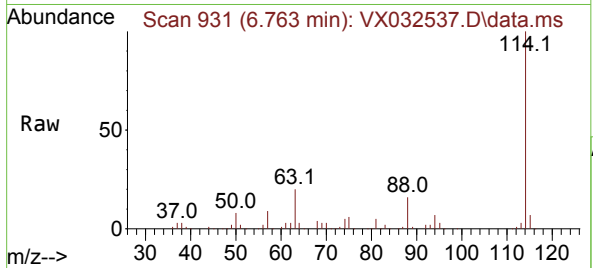




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

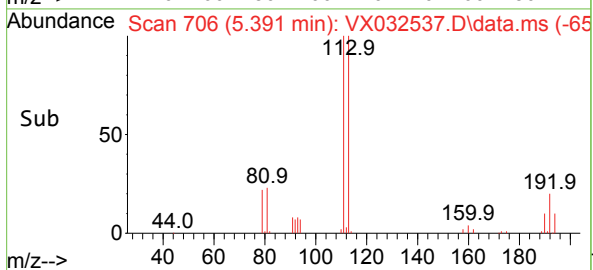
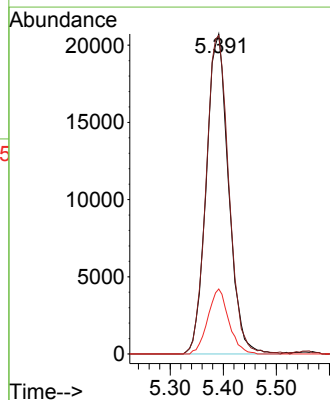
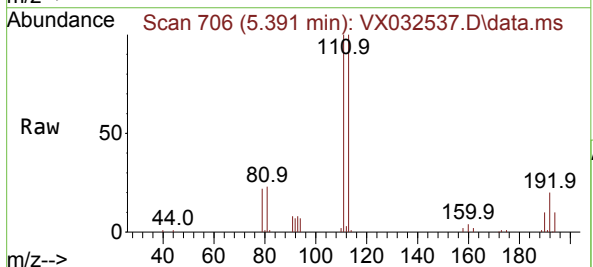
Instrument :
MSVOA_X
ClientSampleId :
EFF1122

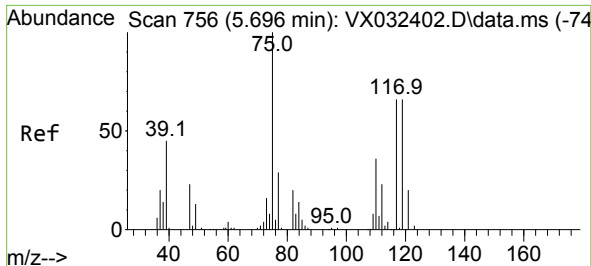
Tgt Ion:114 Resp: 180114
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.042 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

Tgt Ion:113 Resp: 60438
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 19.1 15.4 23.2

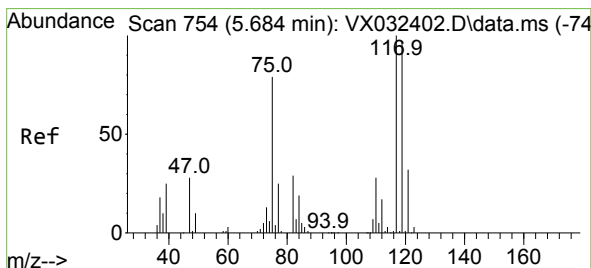
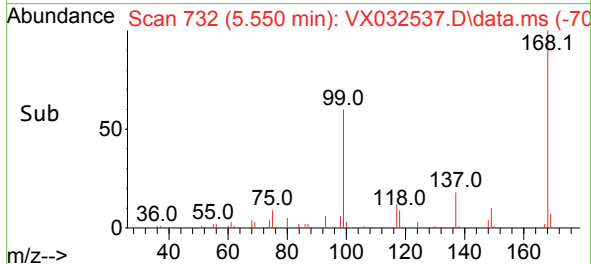
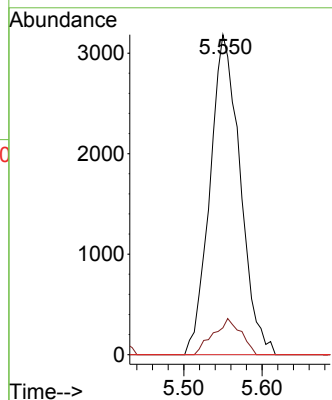
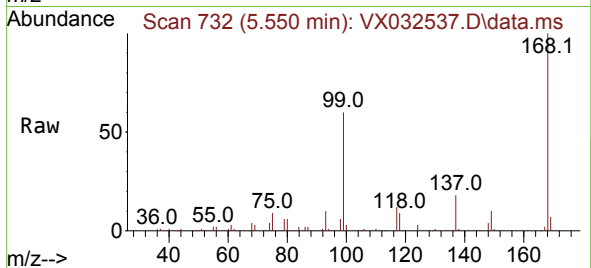




#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

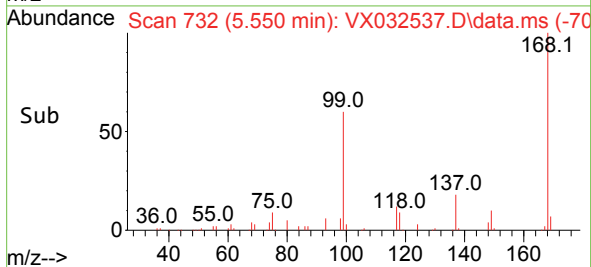
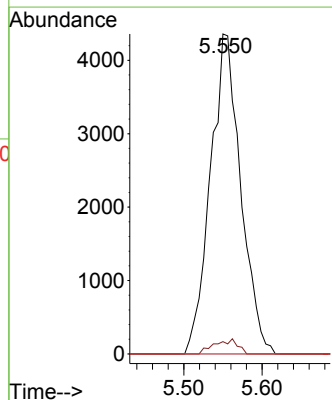
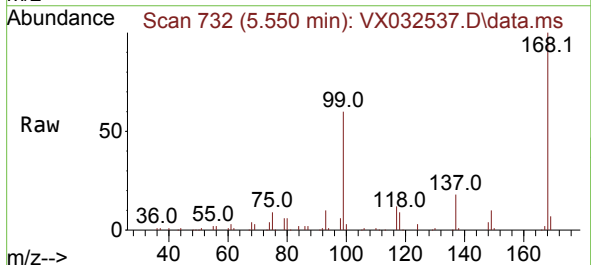
Instrument :
MSVOA_X
ClientSampleId :
EFF1122

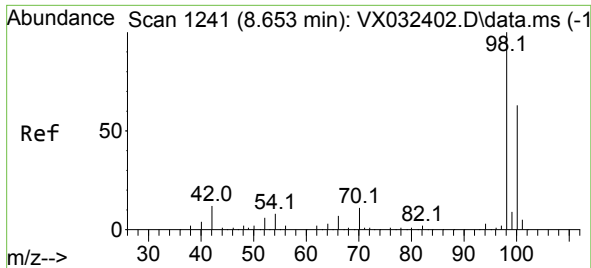
Tgt Ion: 75 Resp: 8536
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.905 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

Tgt Ion: 117 Resp: 11717
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#

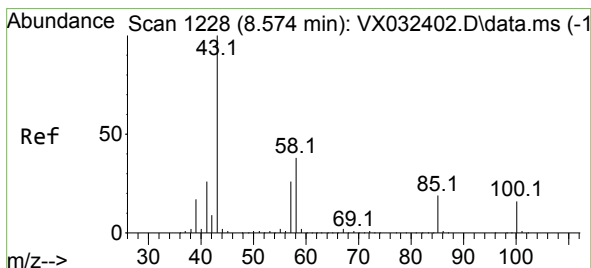
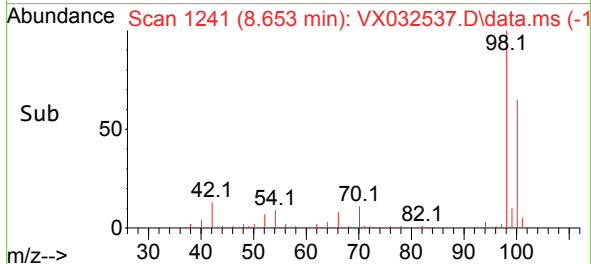
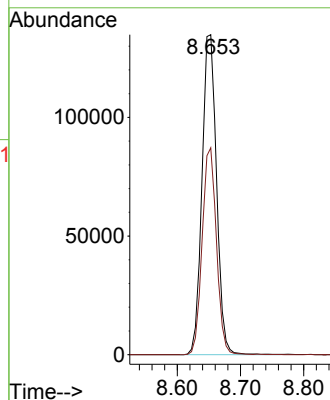
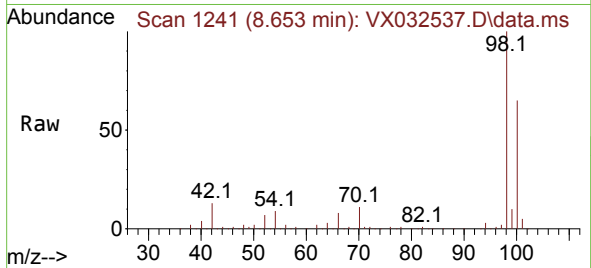




#50
Toluene-d8
Concen: 48.360 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

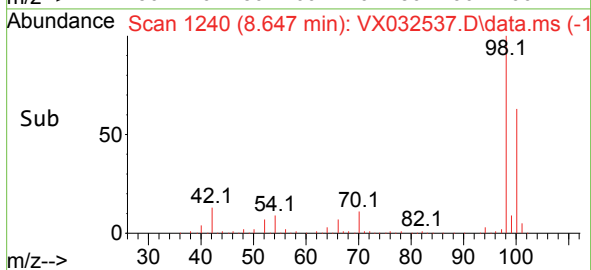
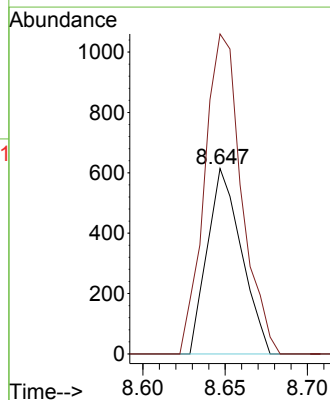
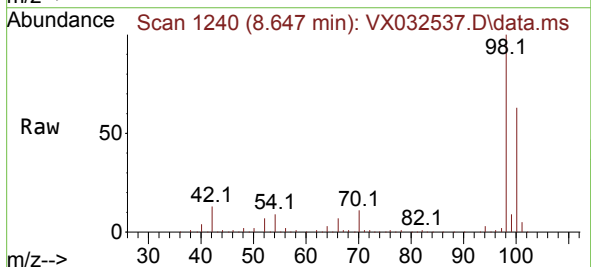
Instrument :
MSVOA_X
ClientSampleId :
EFF1122

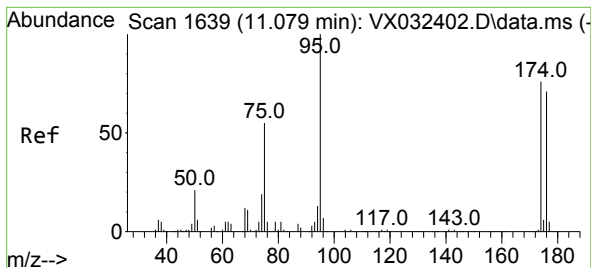
Tgt Ion: 98 Resp: 216047
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 188.1 30.9 46.3#

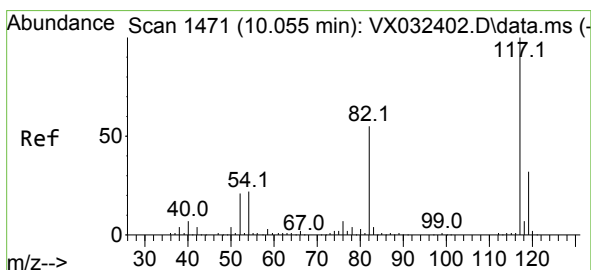
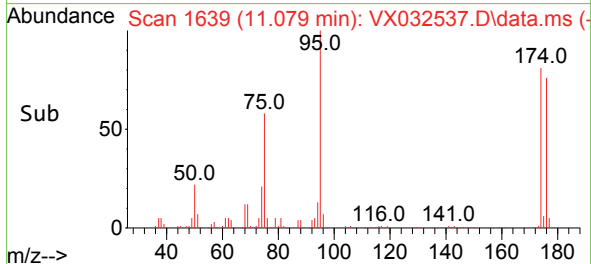
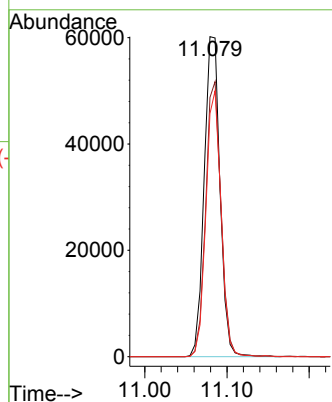
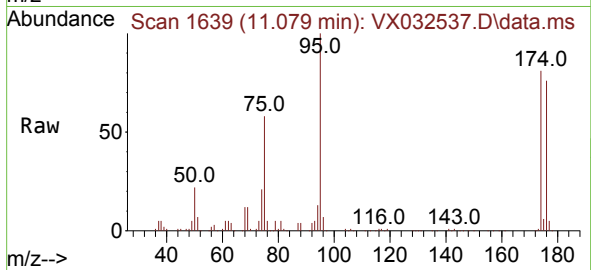




#62
4-Bromofluorobenzene
Concen: 46.028 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

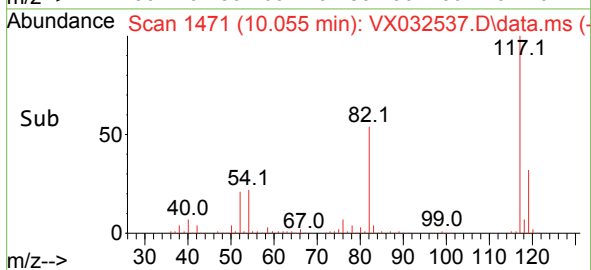
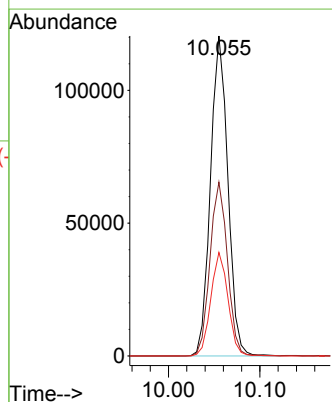
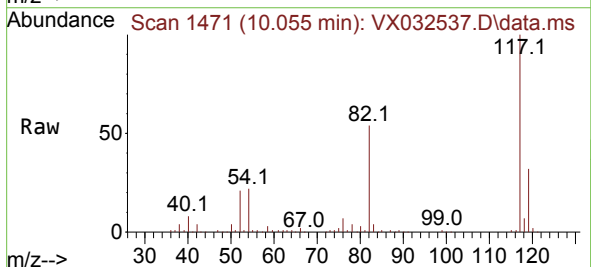
Instrument :
MSVOA_X
ClientSampleId :
EFF1122

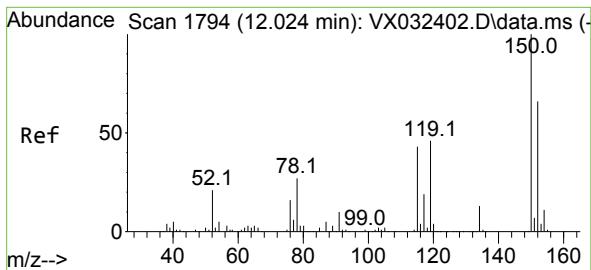
Tgt Ion: 95 Resp: 80322
Ion Ratio Lower Upper
95 100
174 83.6 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032537.D
Acq: 02 Nov 2022 14:53

Tgt Ion: 117 Resp: 158941
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.4 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: VX032537.D

Acq: 02 Nov 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

EFF1122

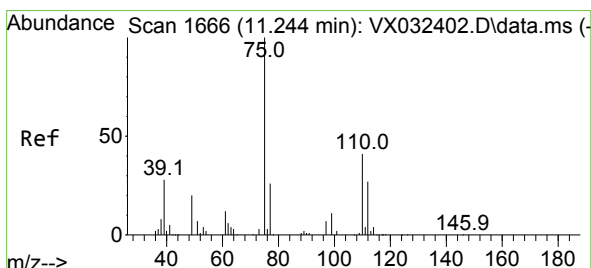
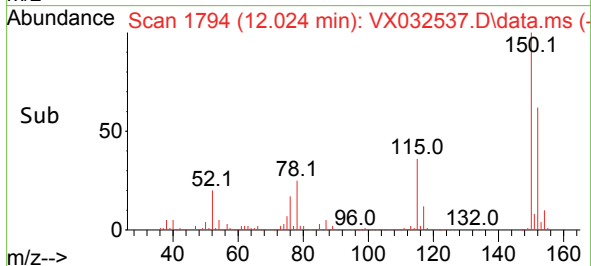
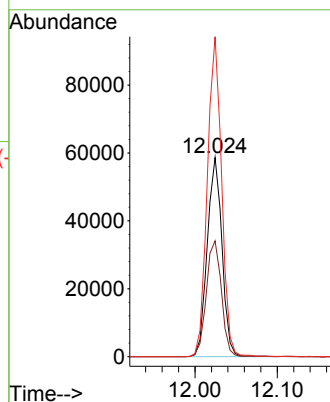
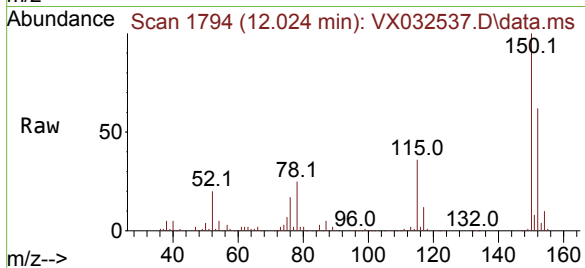
Tgt Ion:152 Resp: 73041

Ion Ratio Lower Upper

152 100

115 59.7 44.0 132.0

150 156.1 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 27.310 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX032537.D

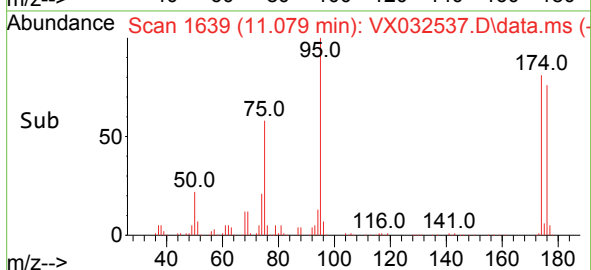
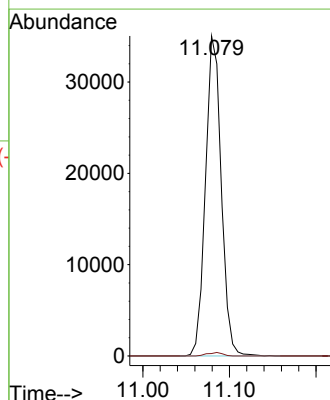
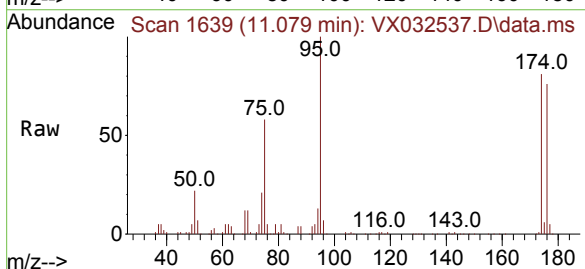
Acq: 02 Nov 2022 14:53

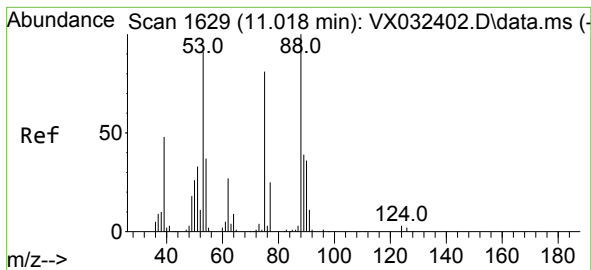
Tgt Ion: 75 Resp: 44378

Ion Ratio Lower Upper

75 100

77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.900 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032537.D
 Acq: 02 Nov 2022 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF1122

Tgt Ion: 75 Resp: 44378
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

