

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032803.D
 Acq On : 14 Nov 2022 18:32
 Operator : JC/MD
 Sample : N5587-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20221110

Quant Time: Nov 15 05:09:48 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)

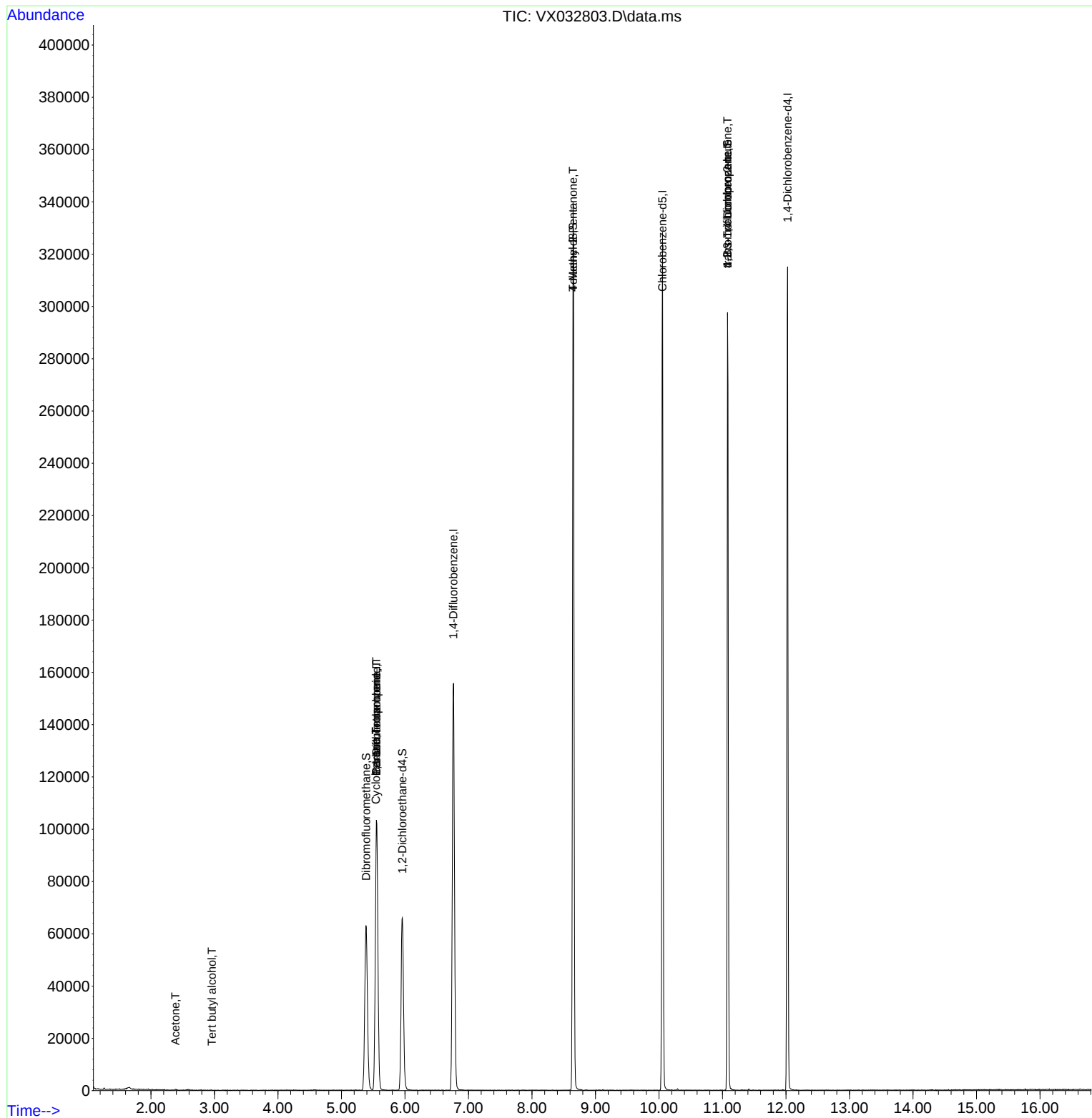
Internal Standards						
1) Pentafluorobenzene	5.550	168	98328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66827	48.913	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.385	113	54063	46.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	8.647	98	197931	49.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	73487	46.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	59	0.297	ug/l #	72
16) Acetone	2.386	43	426	0.858	ug/l #	45
31) Cyclohexane	5.544	56	2236	1.350	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	7419	4.613	ug/l #	46
38) Carbon Tetrachloride	5.550	117	10261	5.753	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	890	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40103	27.815	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40103	88.508	ug/l #	6

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
Data File : VX032803.D
Acq On : 14 Nov 2022 18:32
Operator : JC/MD
Sample : N5587-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

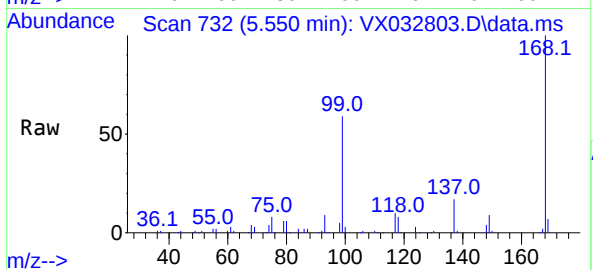
Quant Time: Nov 15 05:09:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



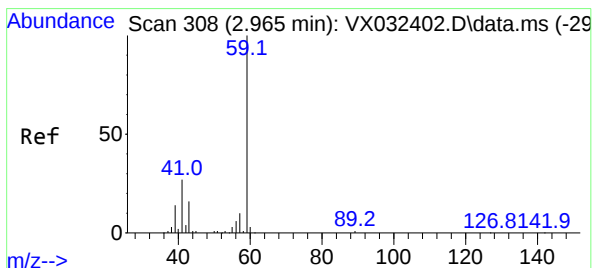
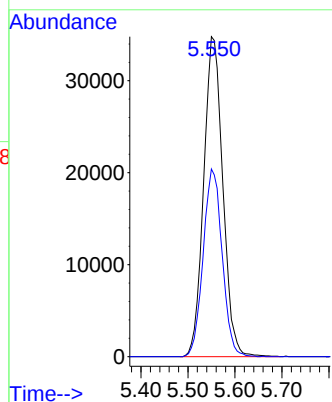


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

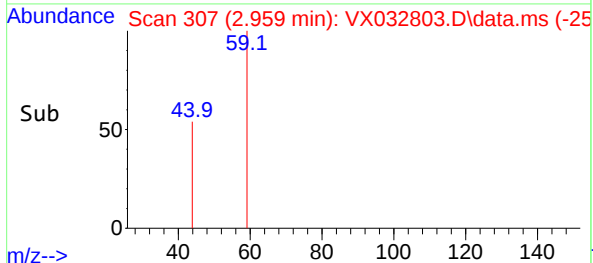
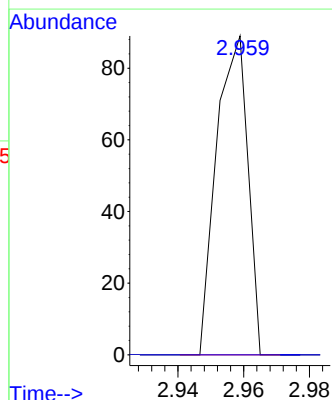
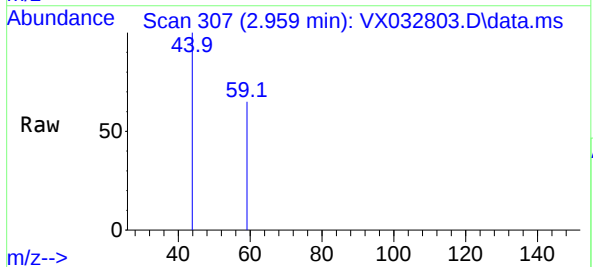


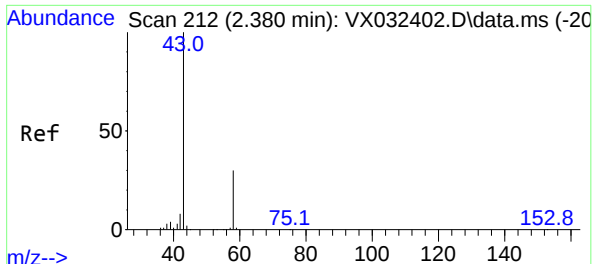
Tgt Ion:168 Resp: 98328
Ion Ratio Lower Upper
168 100
99 58.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

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

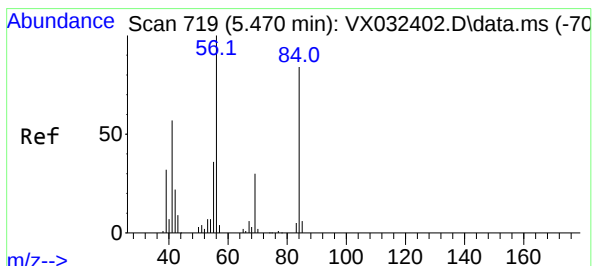
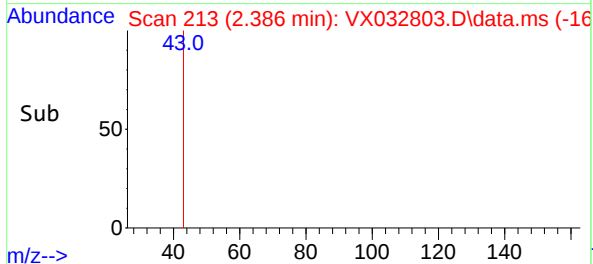
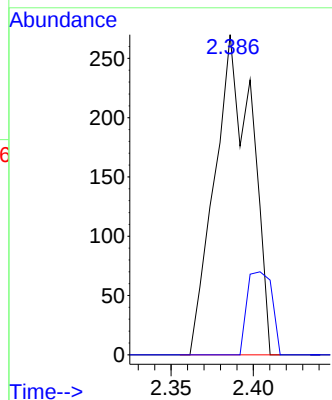
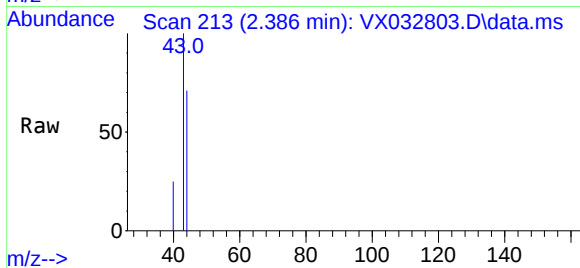




#16
Acetone
Concen: 0.858 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

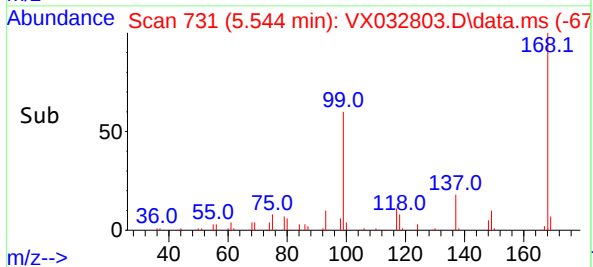
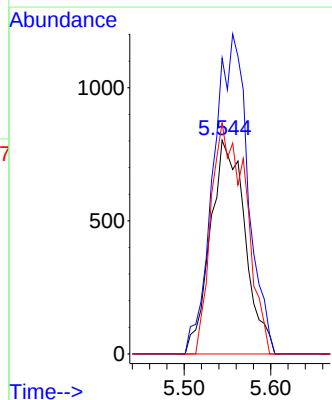
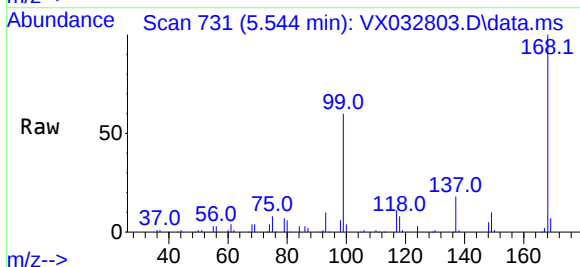
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

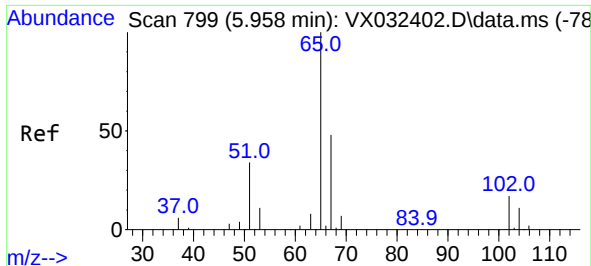
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Tgt Ion: 56 Resp: 2236
Ion Ratio Lower Upper
56 100
69 138.4 24.1 36.1#
84 108.1 66.9 100.3#

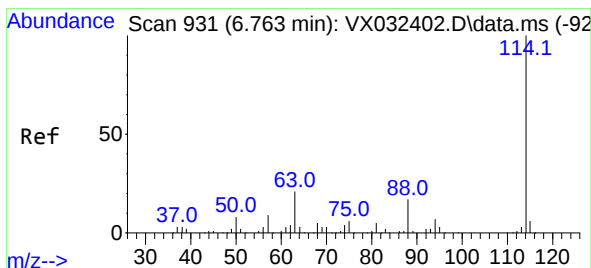
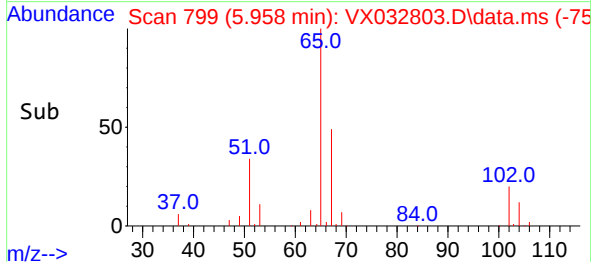
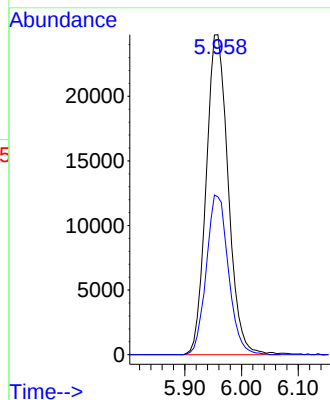
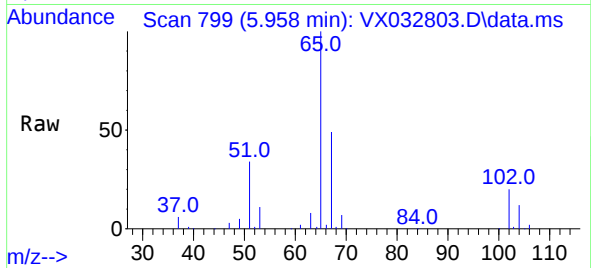




#33
 1,2-Dichloroethane-d4
 Concen: 48.913 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032803.D
 Acq: 14 Nov 2022 18:32

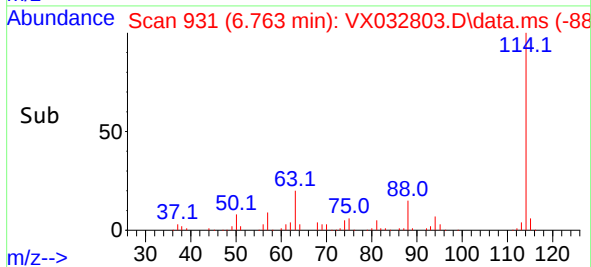
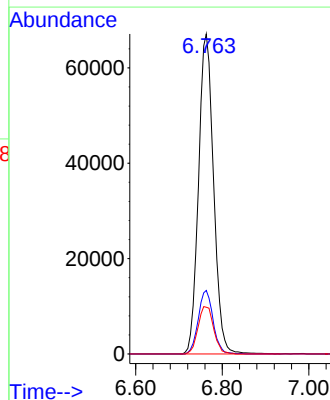
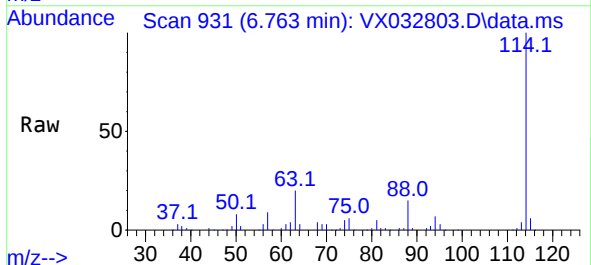
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20221110

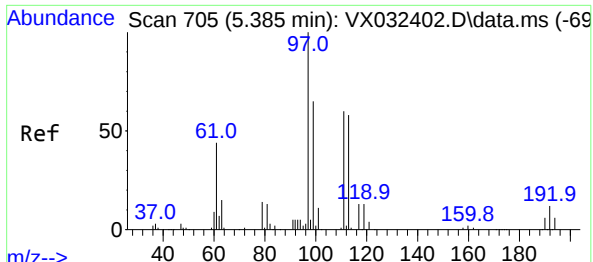
Tgt Ion: 65 Resp: 66827
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032803.D
 Acq: 14 Nov 2022 18:32

Tgt Ion: 114 Resp: 161898
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 14.6 0.0 33.4

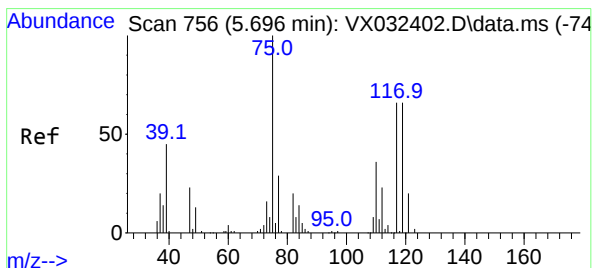
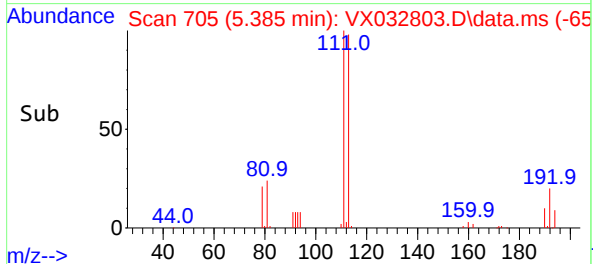
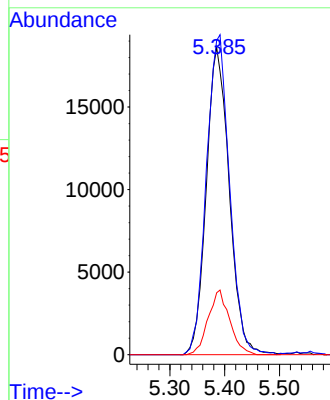
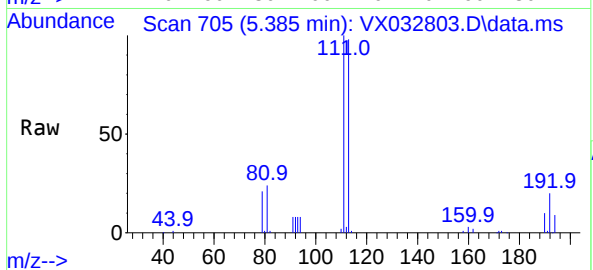




#35
Dibromofluoromethane
Concen: 46.814 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

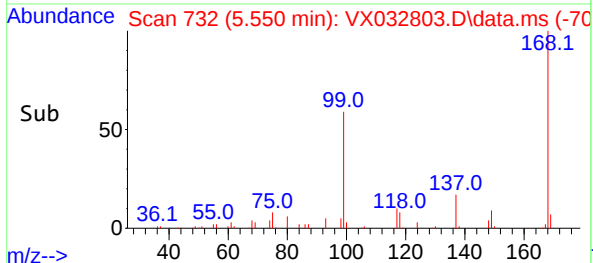
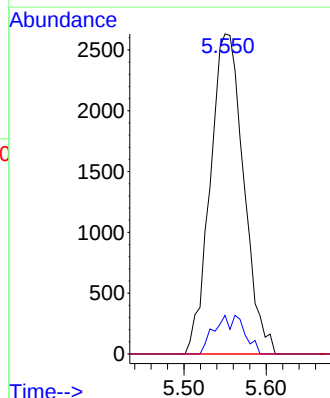
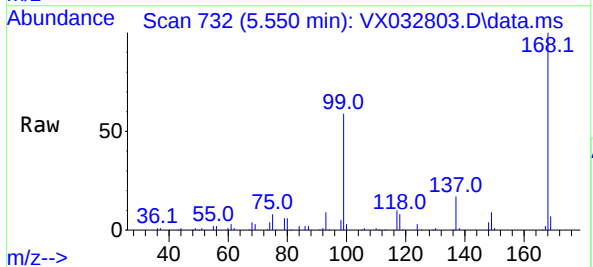
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

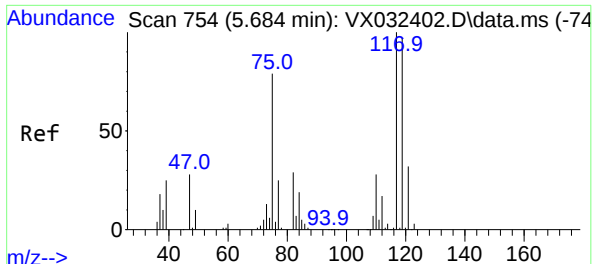
Tgt Ion:	113	Resp:	54063
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.4	123.6
192	19.7	15.4	23.2



#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

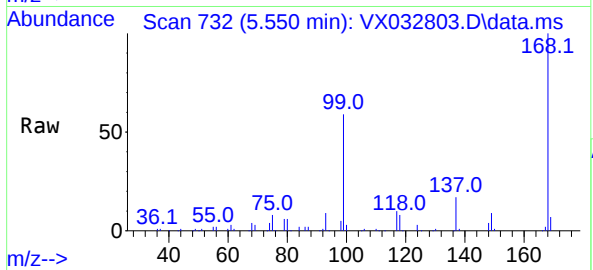
Tgt Ion:	75	Resp:	7419
Ion	Ratio	Lower	Upper
75	100		
110	6.1	18.4	55.2#
77	0.0	24.5	36.7#



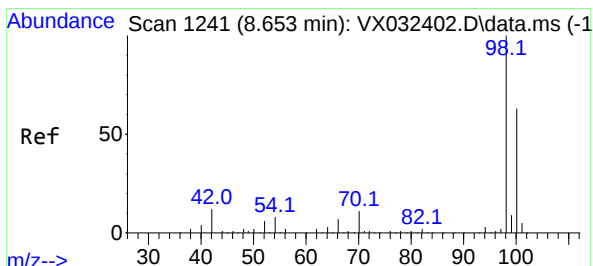
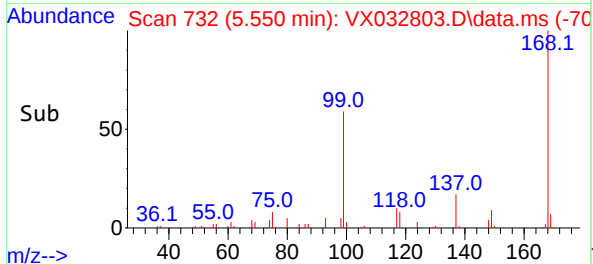
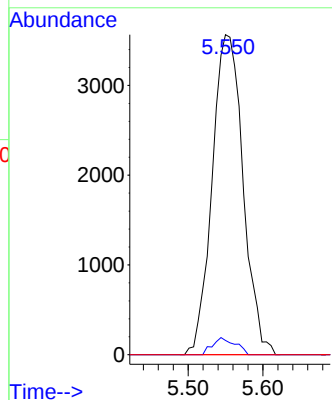


#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

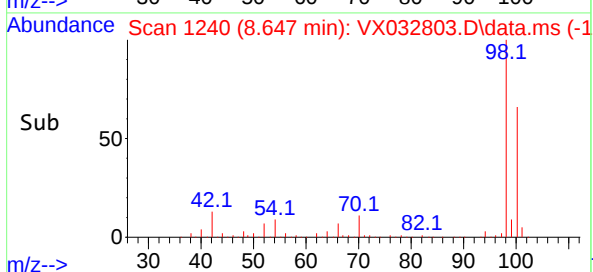
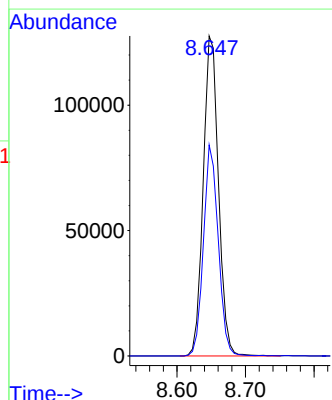
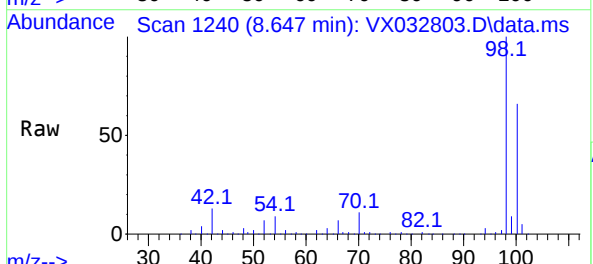


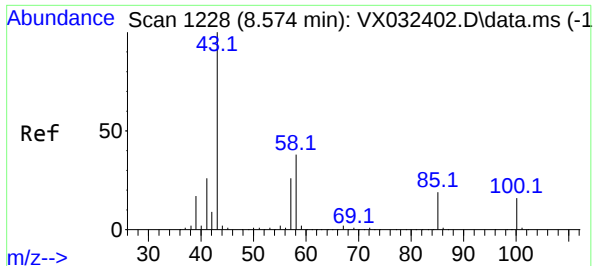
Tgt Ion:117 Resp: 10261
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.290 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Tgt Ion: 98 Resp: 197931
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

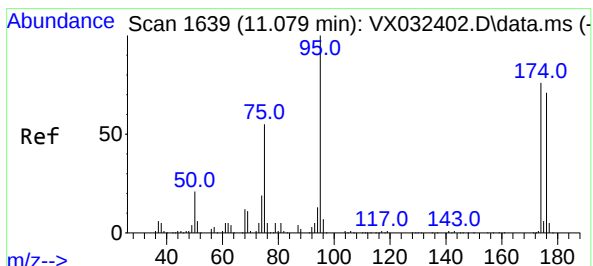
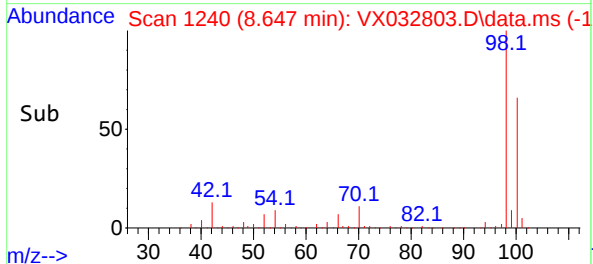
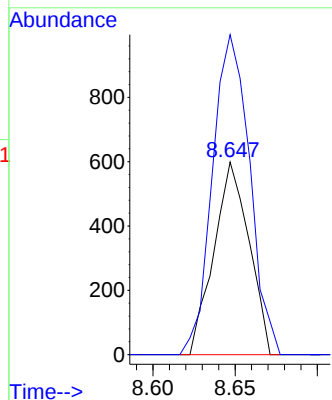
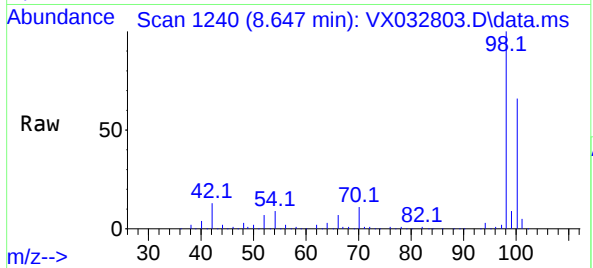




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

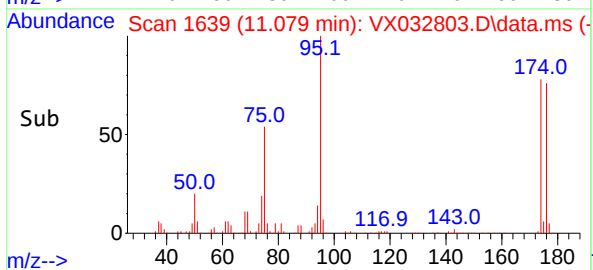
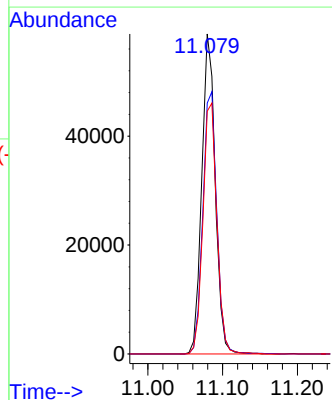
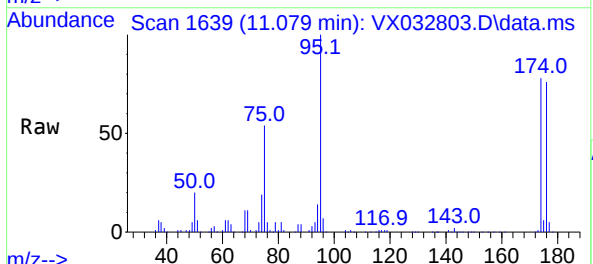
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

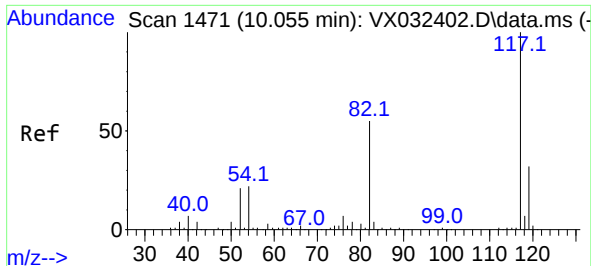
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 175.7 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Tgt Ion: 95 Resp: 73487
Ion Ratio Lower Upper
95 100
174 85.2 0.0 164.0
176 81.6 0.0 154.4

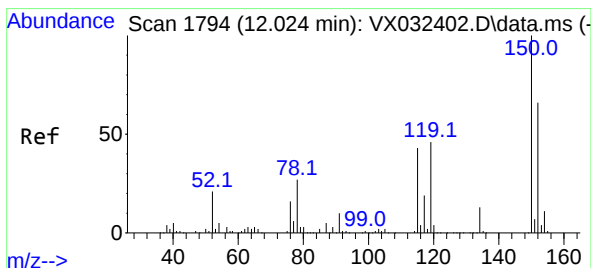
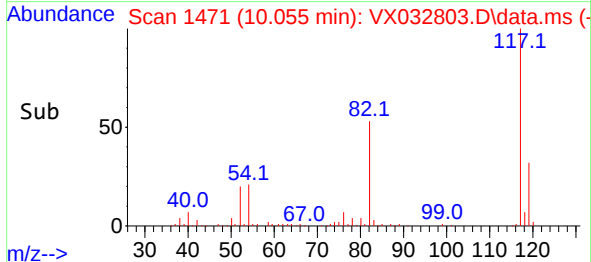
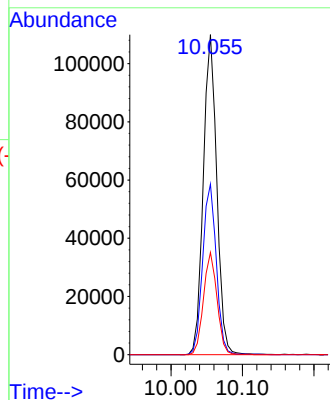
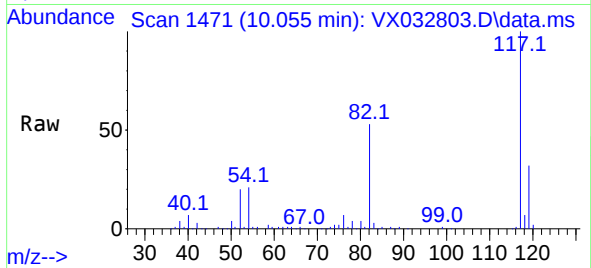




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

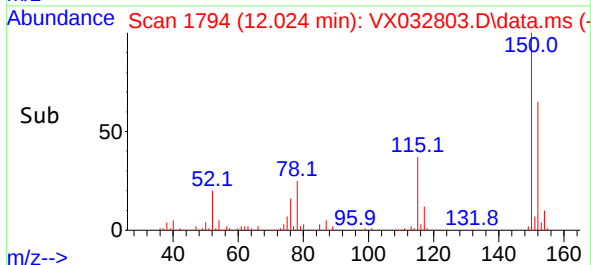
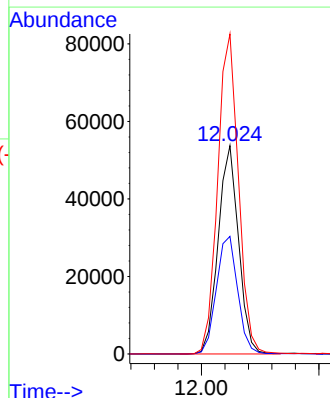
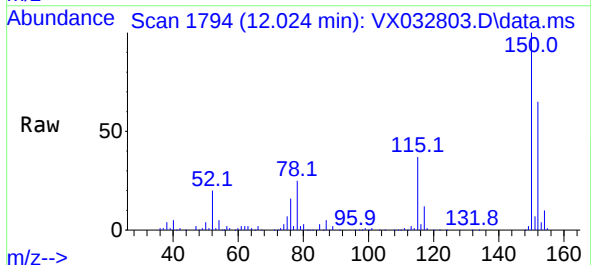
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

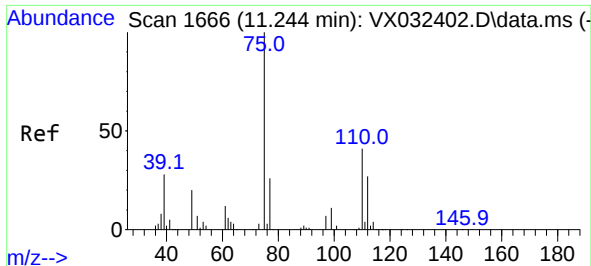
Tgt Ion:117 Resp: 144040
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Tgt Ion:152 Resp: 64806
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 156.7 0.0 351.8

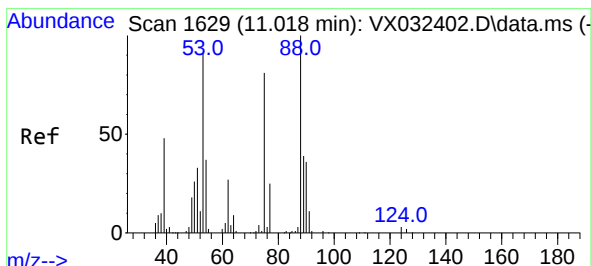
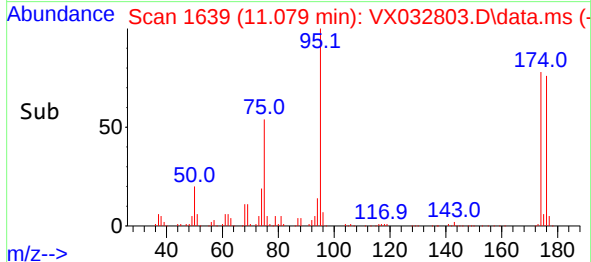
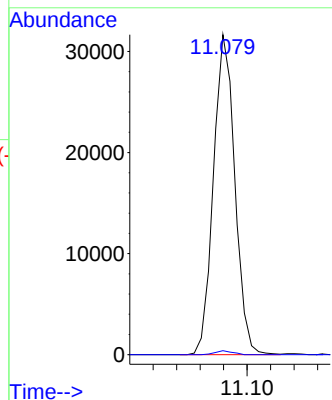
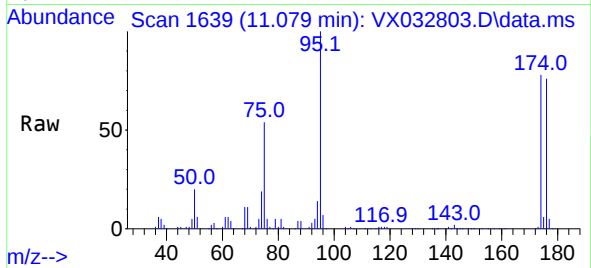




#76
1,2,3-Trichloropropane
Concen: 27.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20221110

Tgt Ion: 75 Resp: 40103
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032803.D
Acq: 14 Nov 2022 18:32

Tgt Ion: 75 Resp: 40103
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

