

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032417.D
 Acq On : 26 Oct 2022 20:11
 Operator : JC/MD
 Sample : N5288-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 252672-8

Quant Time: Oct 27 08:34:09 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)

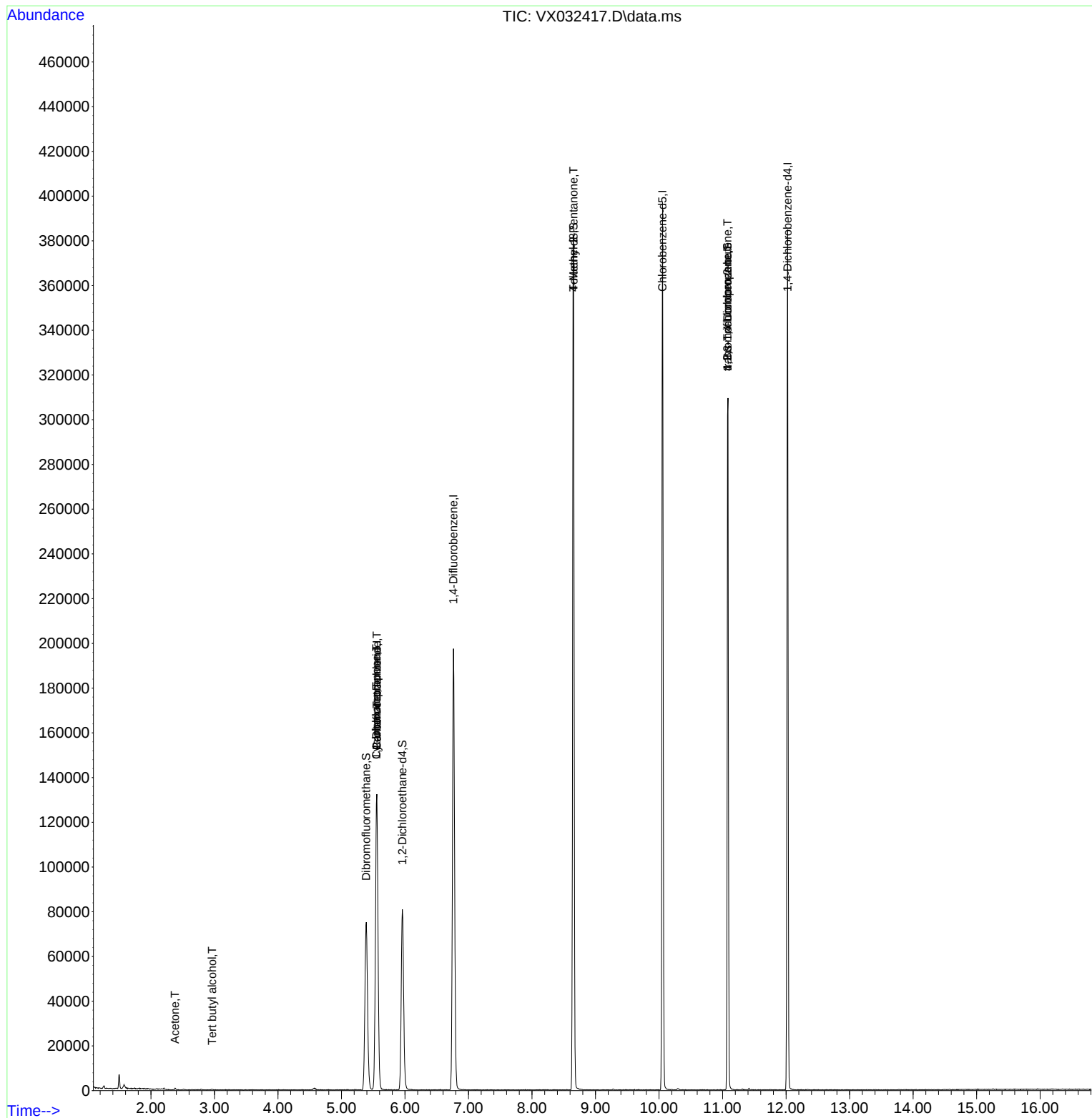
Internal Standards						
1) Pentafluorobenzene	5.556	168	123074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80155	46.872	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.740%		
35) Dibromofluoromethane	5.385	113	63802	45.353	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.700%		
50) Toluene-d8	8.653	98	233091	47.651	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.300%		
62) 4-Bromofluorobenzene	11.079	95	79306	41.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.000%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	280	1.125	ug/l #	72
16) Acetone	2.379	43	635	1.022	ug/l	93
31) Cyclohexane	5.550	56	2532	1.221	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	9659	4.931	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12911	5.942	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1003	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42543	24.587	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42543	78.236	ug/l #	6

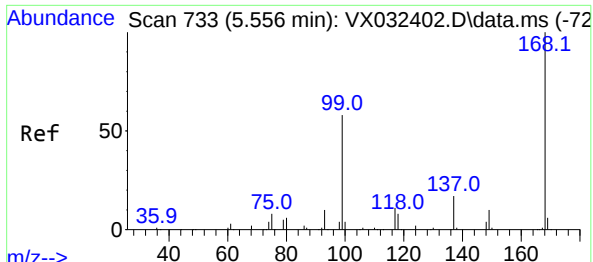
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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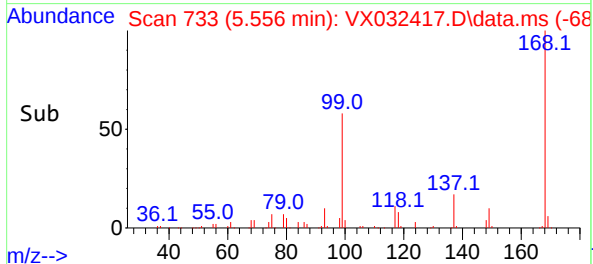
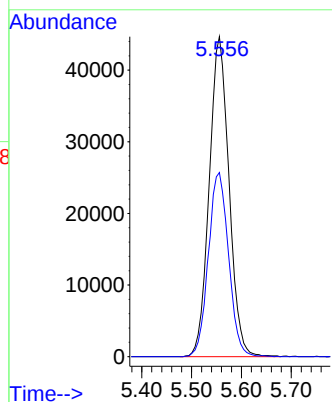
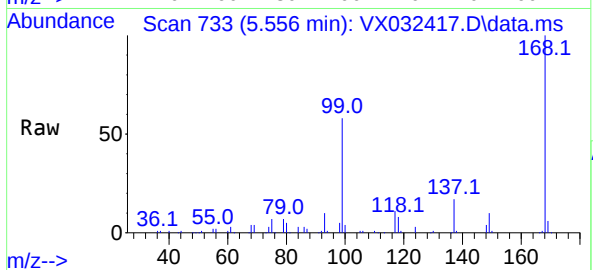




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

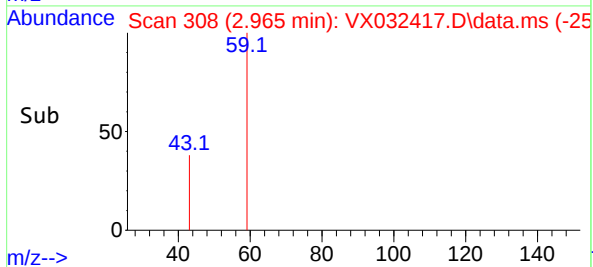
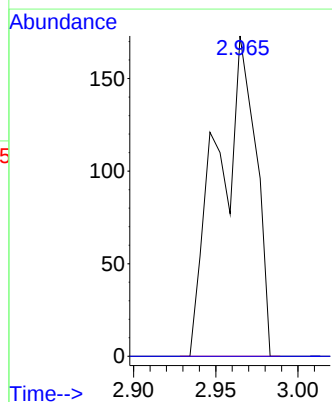
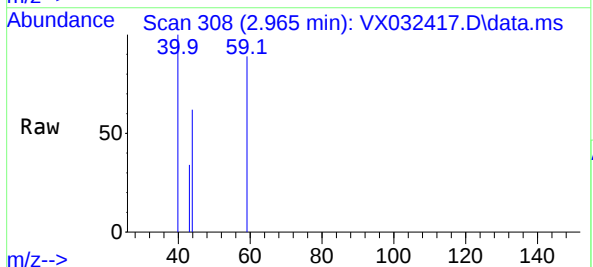
Instrument :
MSVOA_X
ClientSampleId :
252672-8

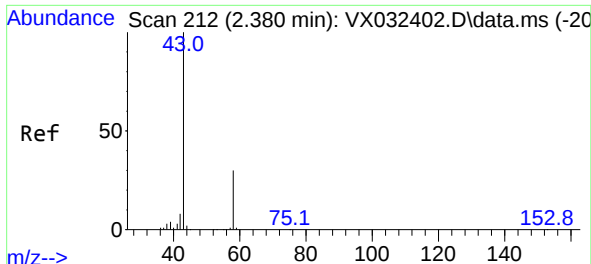
Tgt Ion:168 Resp: 123074
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.125 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

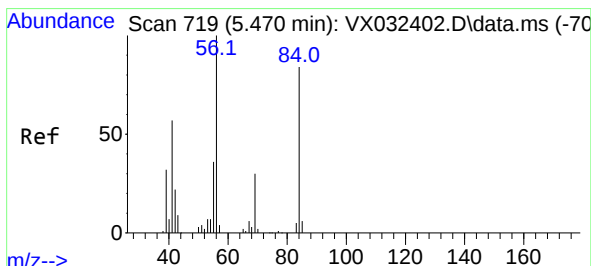
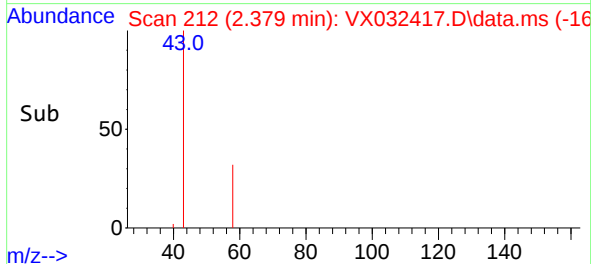
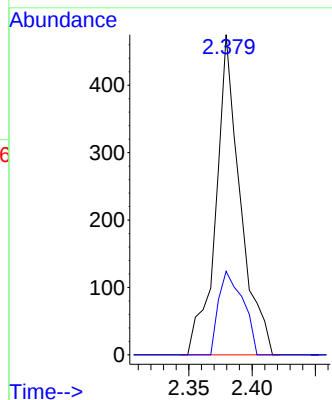
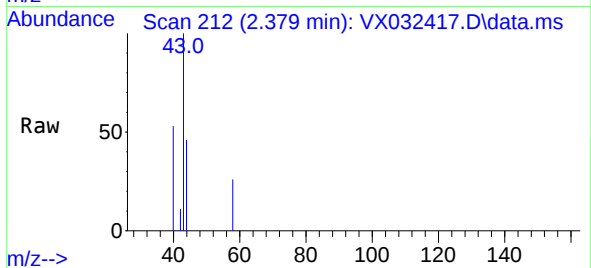




#16
Acetone
Concen: 1.022 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

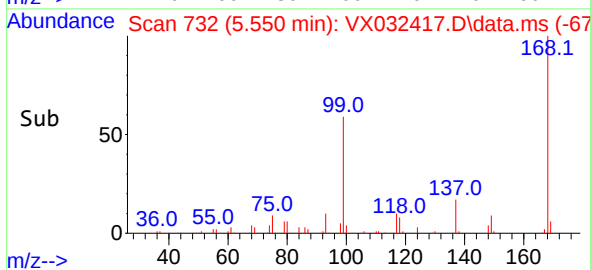
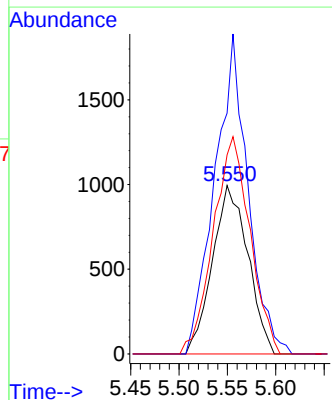
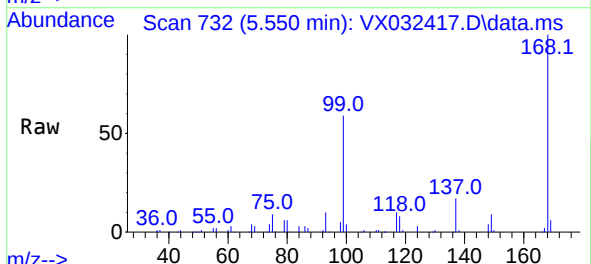
Instrument :
MSVOA_X
ClientSampleId :
252672-8

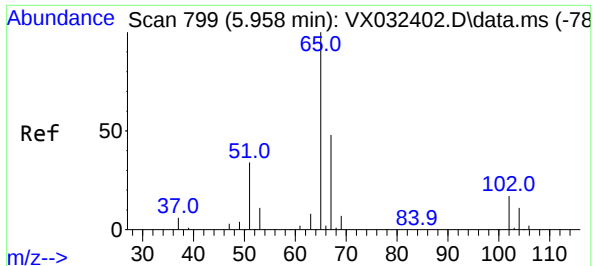
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 26.1 23.8 35.8



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Tgt Ion: 56 Resp: 2532
Ion Ratio Lower Upper
56 100
69 143.0 24.1 36.1#
84 118.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 46.872 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032417.D

Acq: 26 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

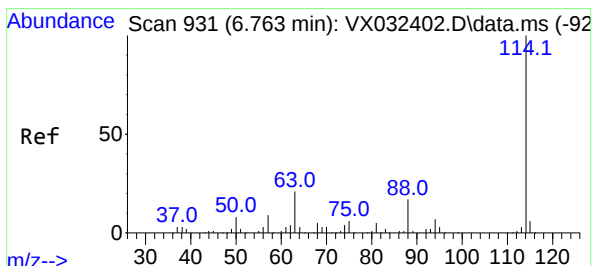
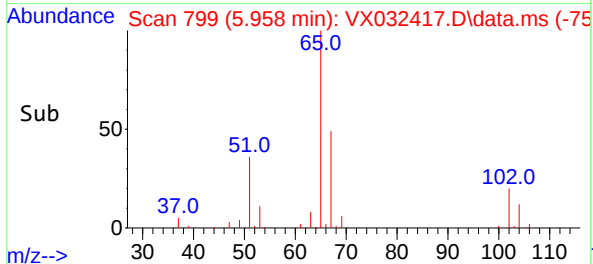
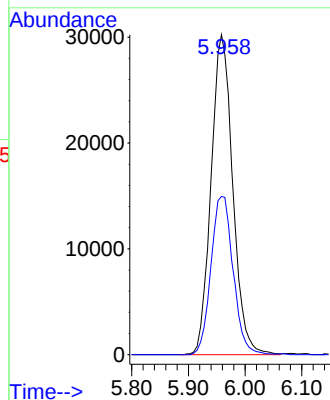
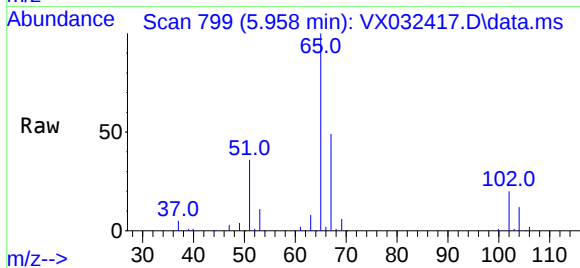
252672-8

Tgt Ion: 65 Resp: 80155

Ion Ratio Lower Upper

65 100

67 50.7 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: VX032417.D

Acq: 26 Oct 2022 20:11

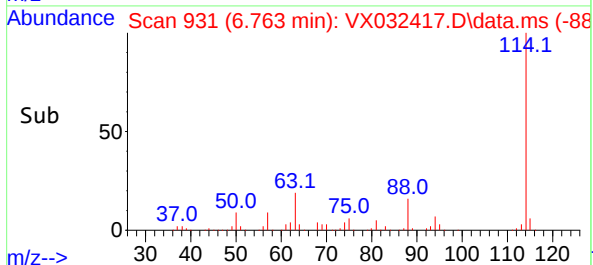
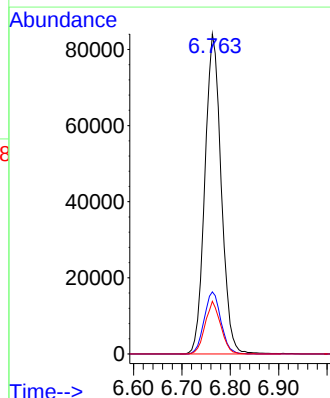
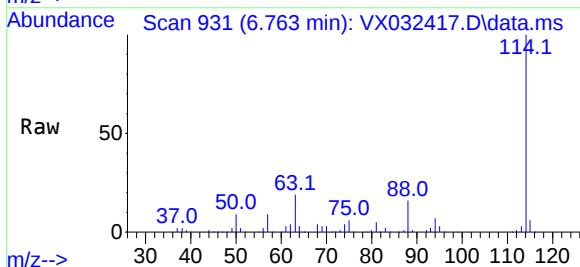
Tgt Ion: 114 Resp: 197218

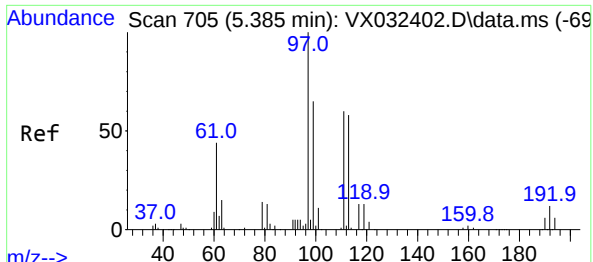
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

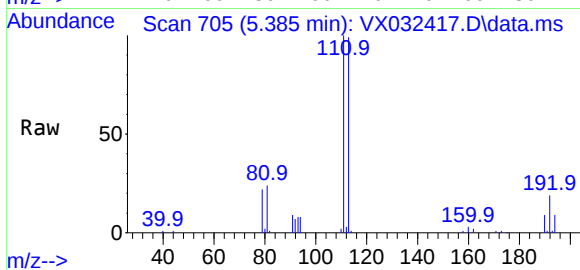
88 16.5 0.0 33.4



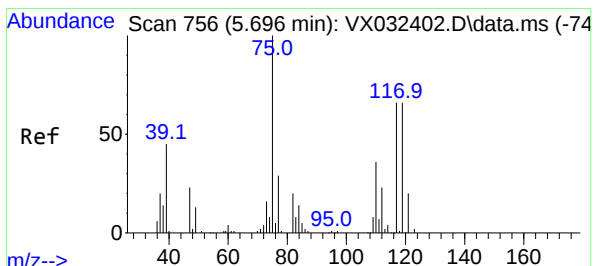
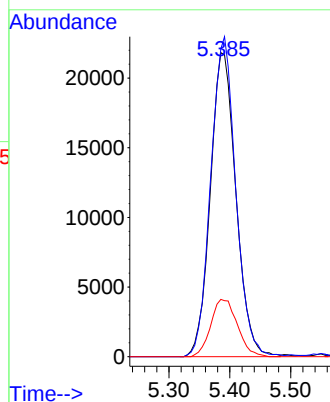
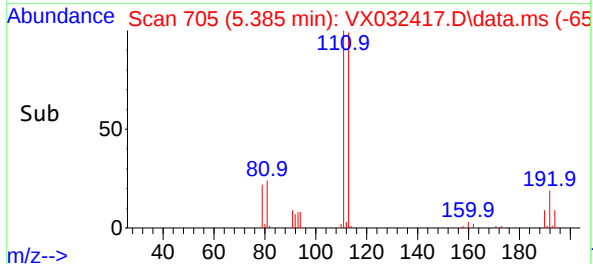


#35
Dibromofluoromethane
Concen: 45.353 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
252672-8

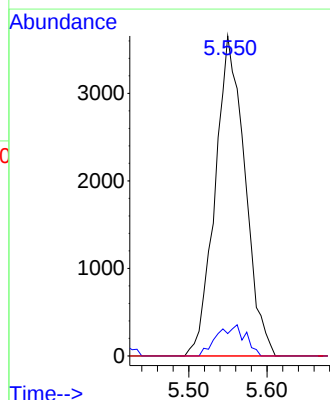
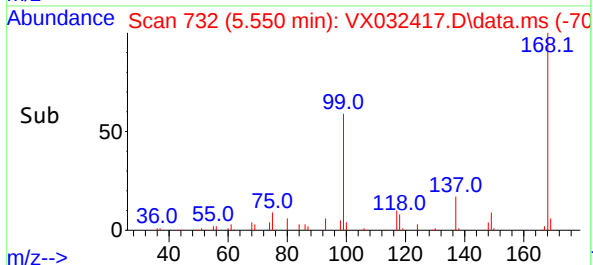
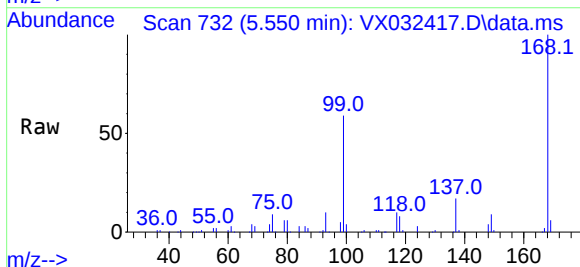


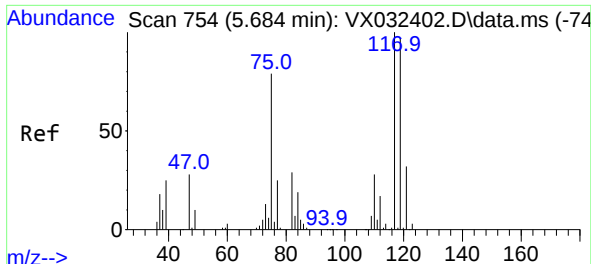
Tgt Ion:113 Resp: 63802
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.931 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Tgt Ion: 75 Resp: 9659
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#

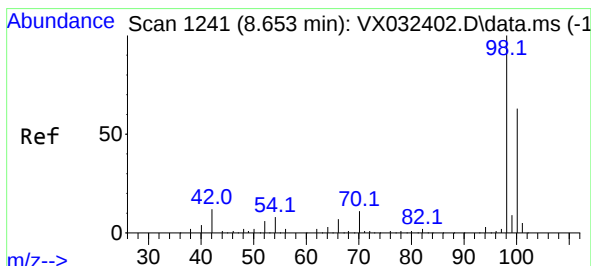
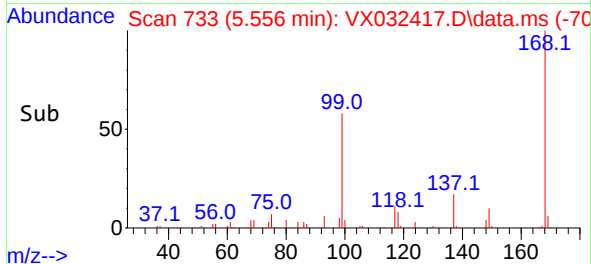
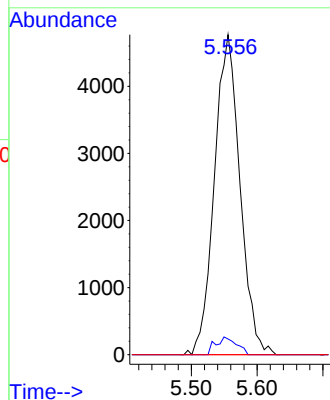
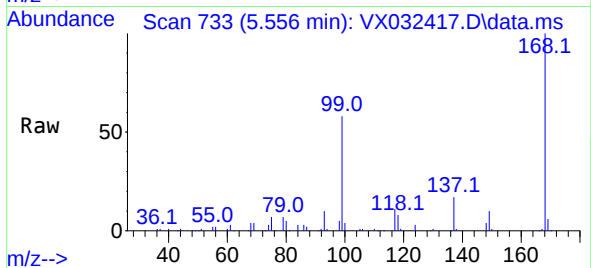




#38
Carbon Tetrachloride
Concen: 5.942 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

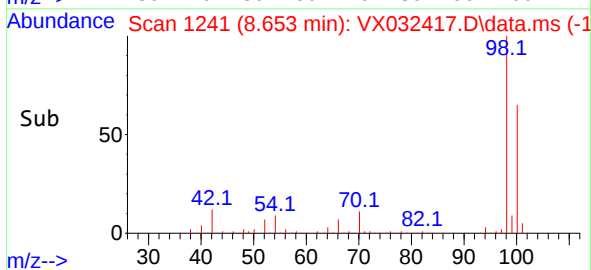
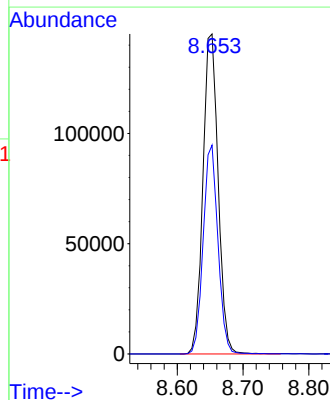
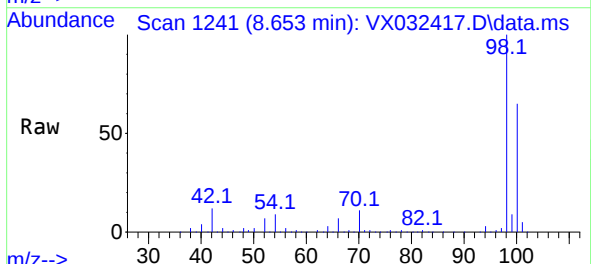
Instrument :
MSVOA_X
ClientSampleId :
252672-8

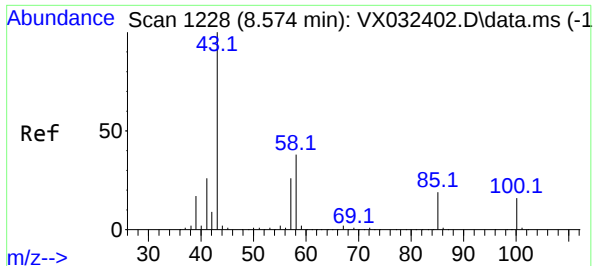
Tgt Ion:117 Resp: 12911
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.651 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Tgt Ion: 98 Resp: 233091
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032417.D

Acq: 26 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

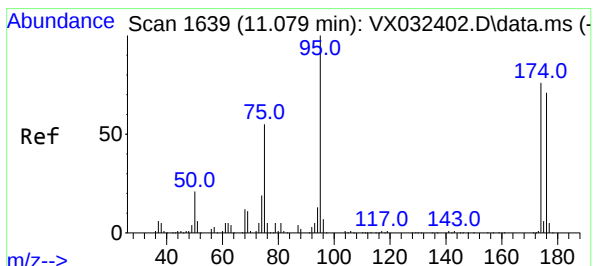
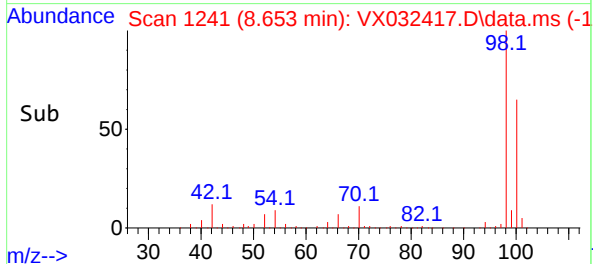
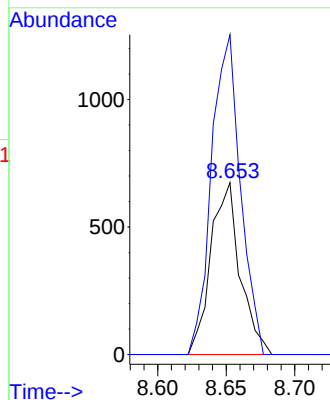
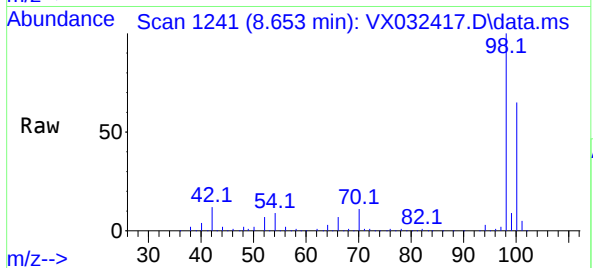
252672-8

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

58 183.5 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 41.504 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032417.D

Acq: 26 Oct 2022 20:11

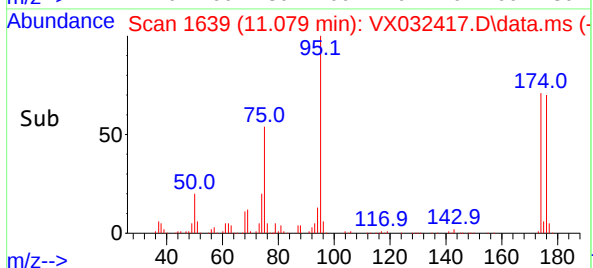
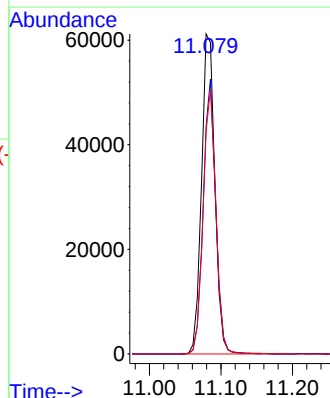
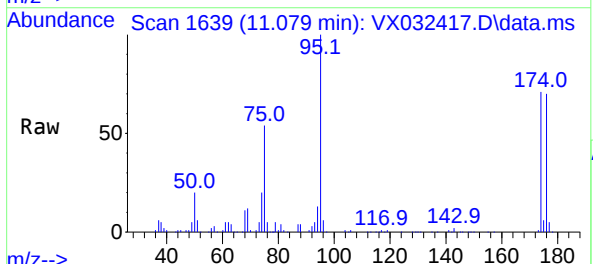
Tgt Ion: 95 Resp: 79306

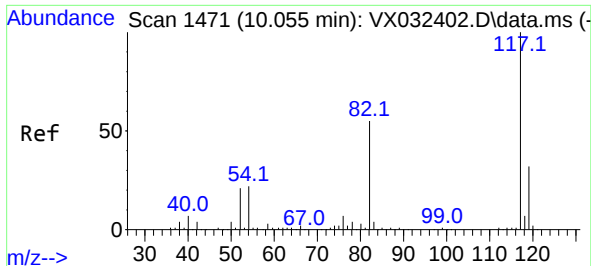
Ion Ratio Lower Upper

95 100

174 80.4 0.0 164.0

176 79.1 0.0 154.4

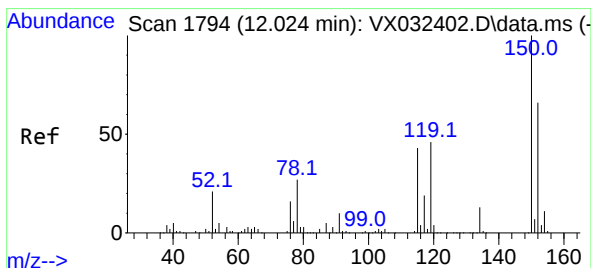
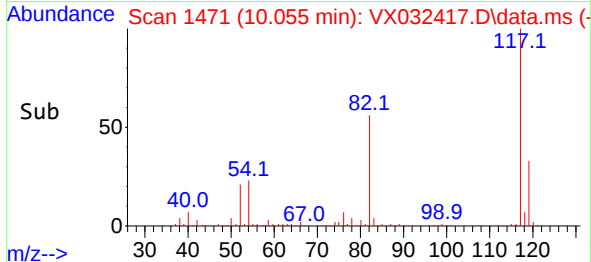
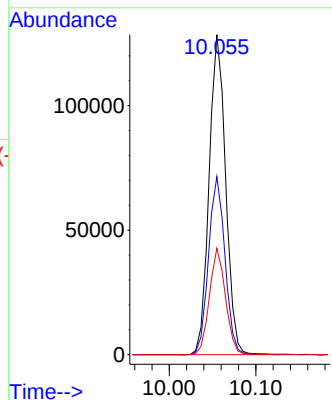
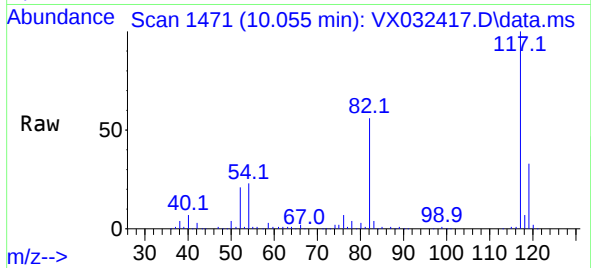




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

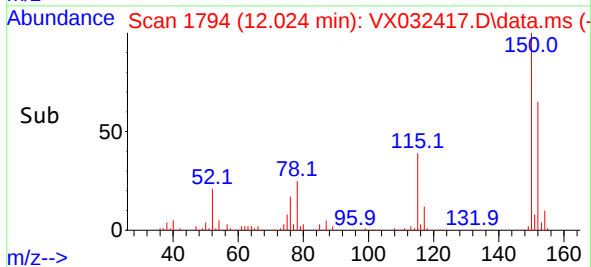
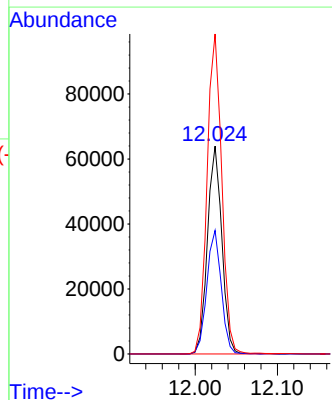
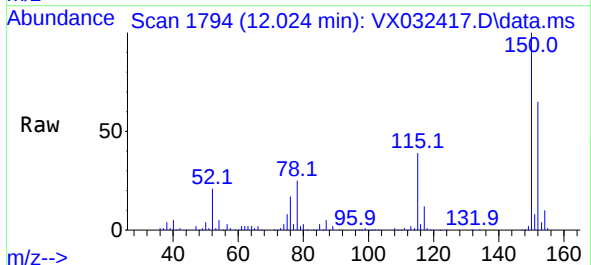
Instrument :
MSVOA_X
ClientSampleId :
252672-8

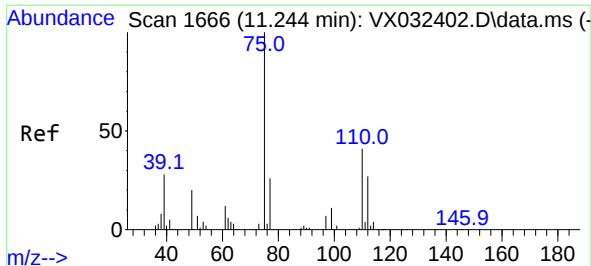
Tgt Ion:117 Resp: 170664
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Tgt Ion:152 Resp: 77775
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 157.1 0.0 351.8

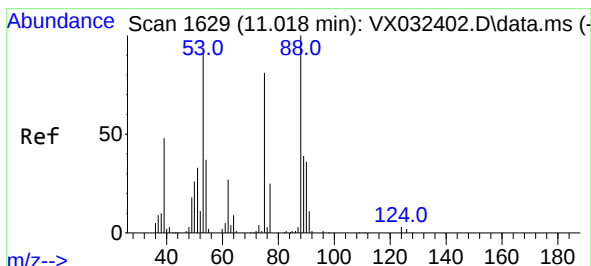
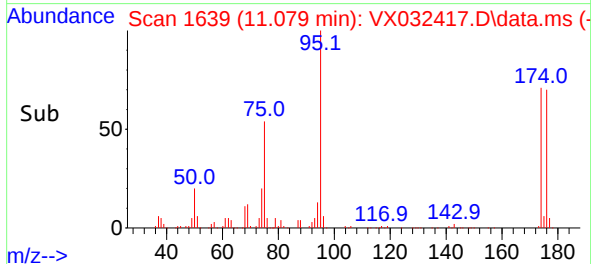
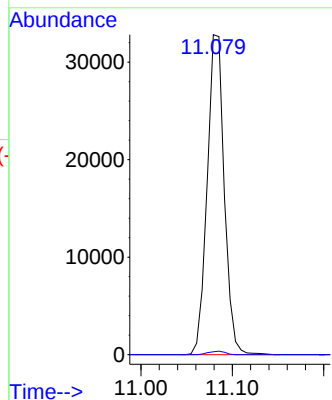
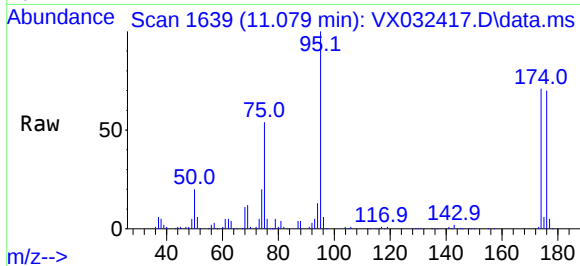




#76
1,2,3-Trichloropropane
Concen: 24.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
252672-8

Tgt Ion: 75 Resp: 42543
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032417.D
Acq: 26 Oct 2022 20:11

Tgt Ion: 75 Resp: 42543
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

