

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032449.D
 Acq On : 28 Oct 2022 11:05
 Operator : JC/MD
 Sample : VX1028WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBL01

Quant Time: Oct 29 04:30:58 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)

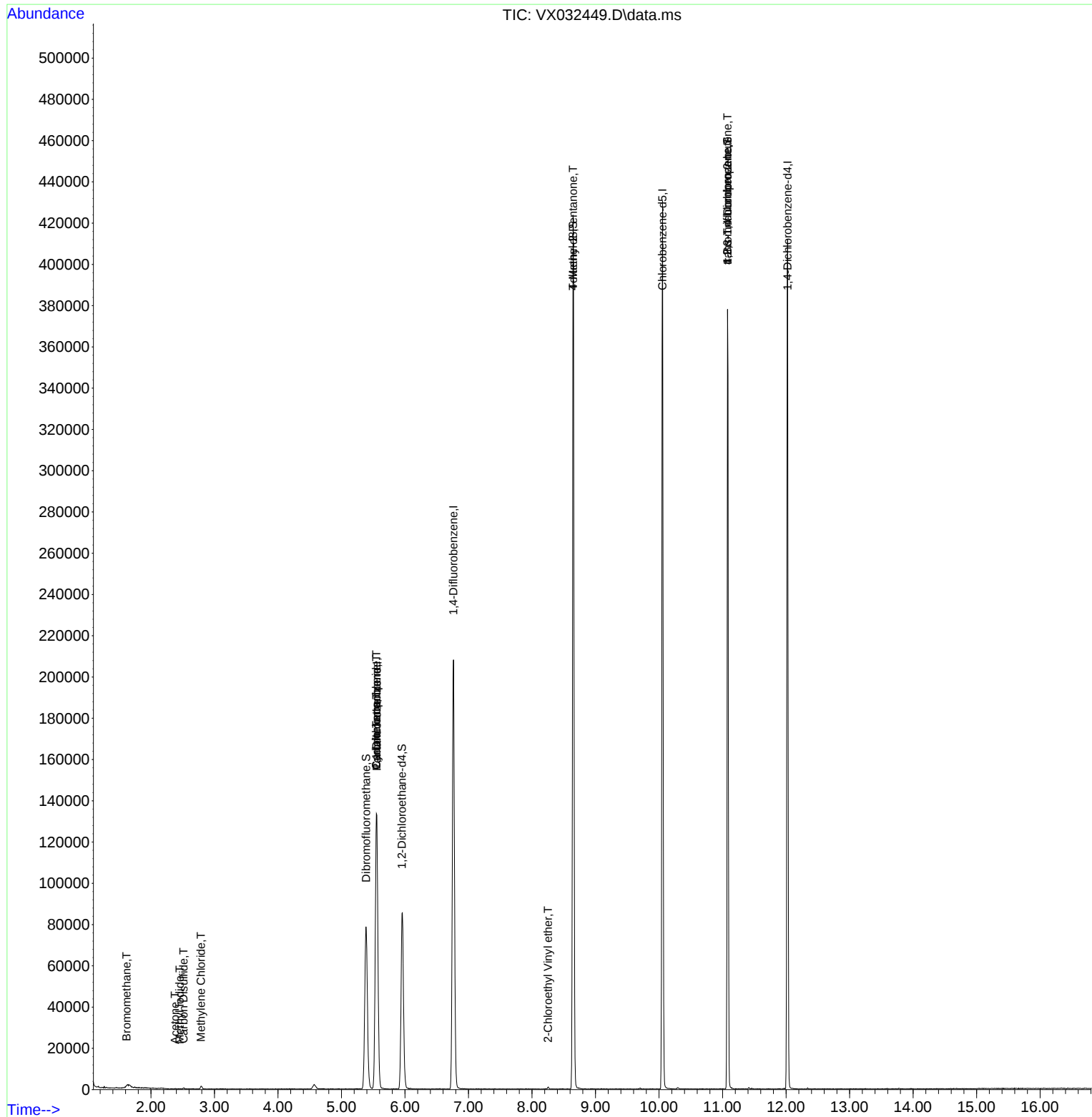
Internal Standards						
1) Pentafluorobenzene	5.556	168	126227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85979	49.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.040%
35) Dibromofluoromethane	5.385	113	68095	45.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.820%
50) Toluene-d8	8.647	98	246763	47.844	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	92725	46.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	229	0.211	ug/l #	70
10) Methyl Iodide	2.453	142	110	1.986	ug/l #	37
16) Acetone	2.379	43	130	0.204	ug/l #	45
17) Carbon Disulfide	2.514	76	678	0.225	ug/l #	74
20) Methylene Chloride	2.788	84	676	0.463	ug/l #	88
31) Cyclohexane	5.550	56	2897	1.362	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	10558	5.112	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13315	5.812	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1158	0.557	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.250	63	500	0.449	ug/l #	78
76) 1,2,3-Trichloropropane	11.079	75	50734	26.836	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50734	85.391	ug/l #	6

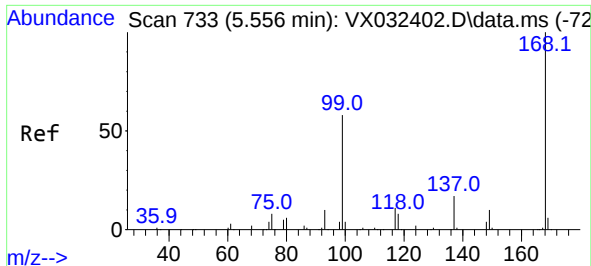
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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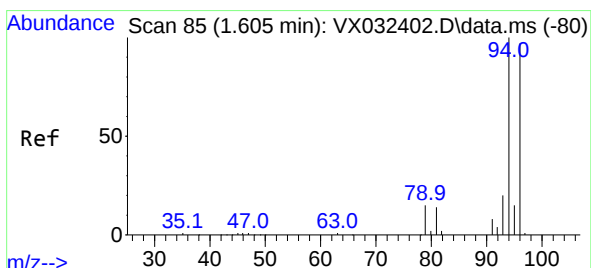
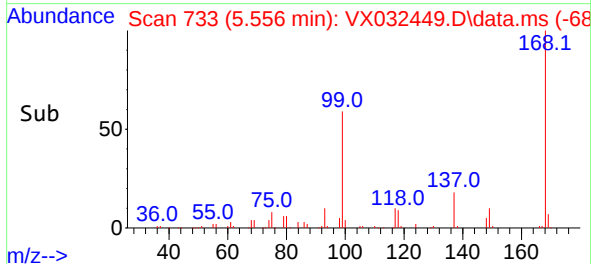
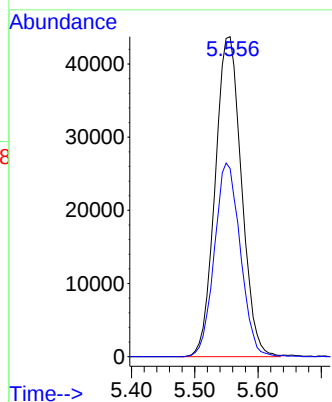
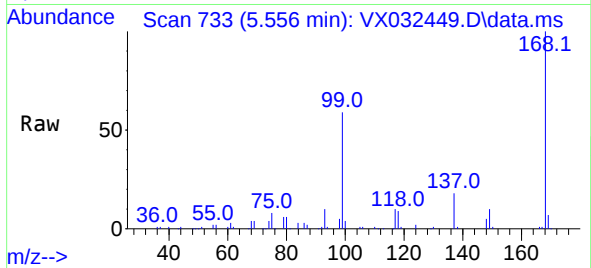




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

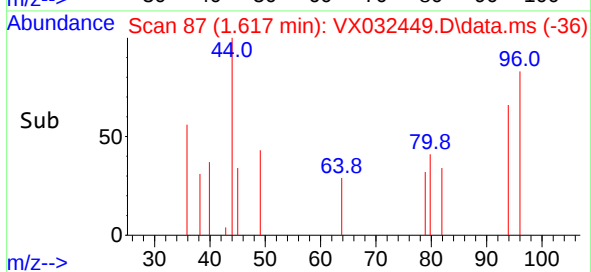
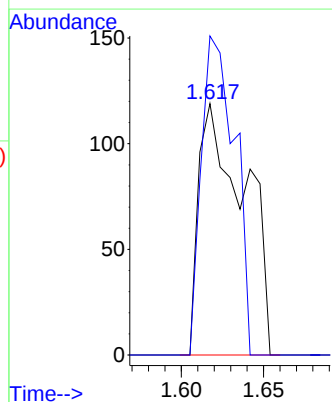
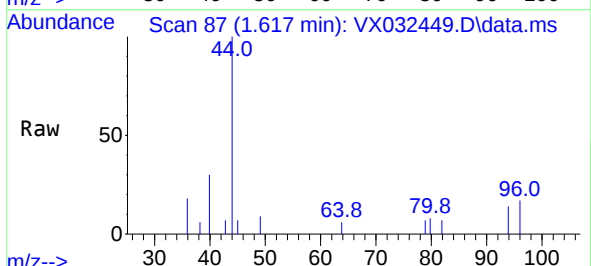
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

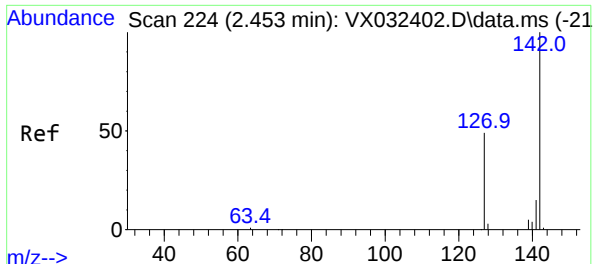
Tgt Ion:168 Resp: 126227
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#5
Bromomethane
Concen: 0.211 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 126.9 77.6 116.4#

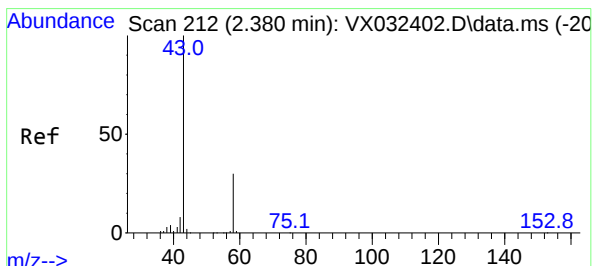
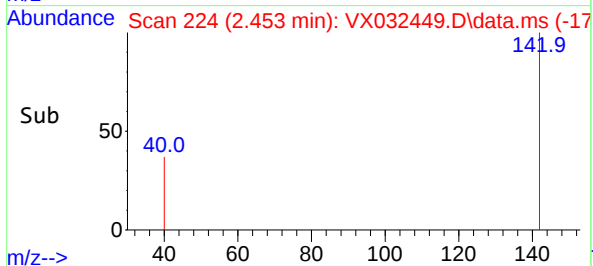
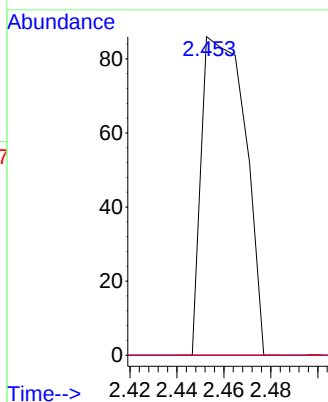
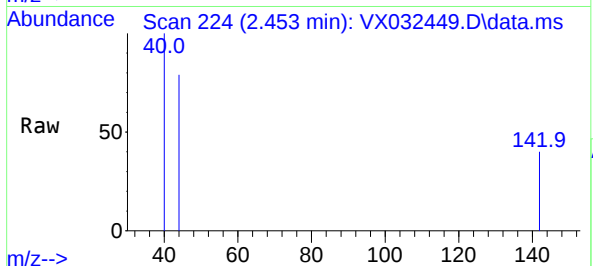




#10
Methyl Iodide
Concen: 1.986 ug/l
RT: 2.453 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

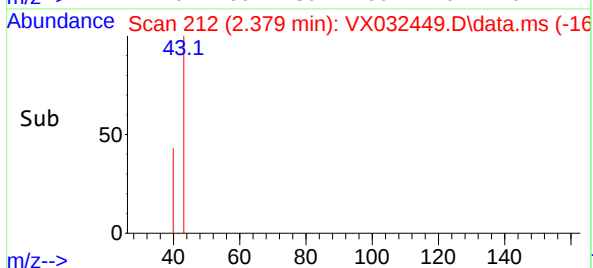
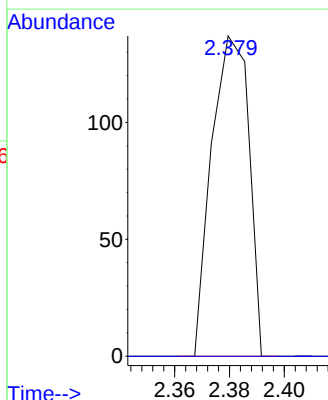
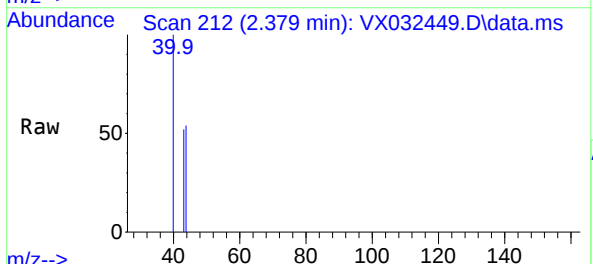
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

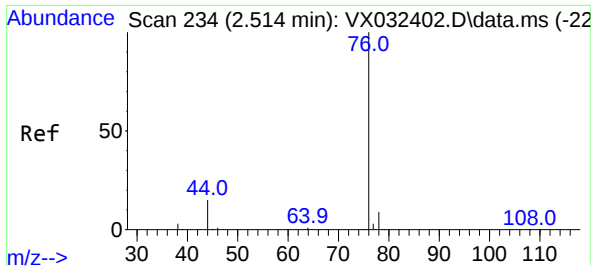
Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 0.204 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

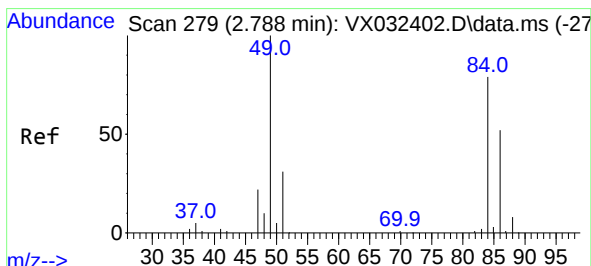
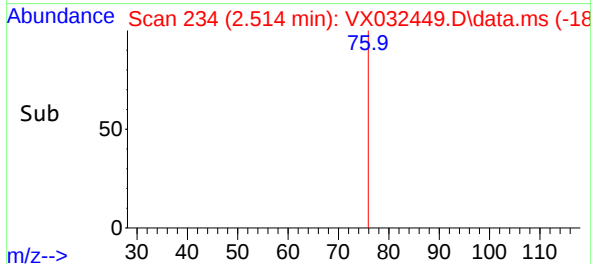
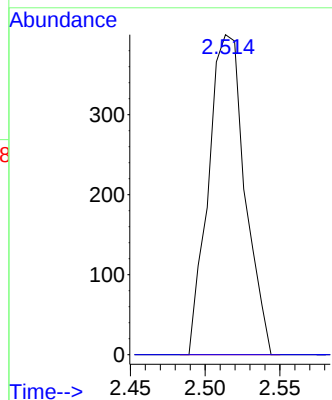
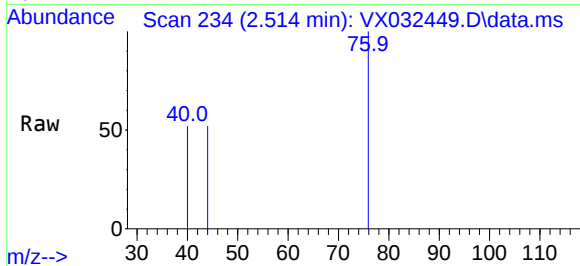




#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

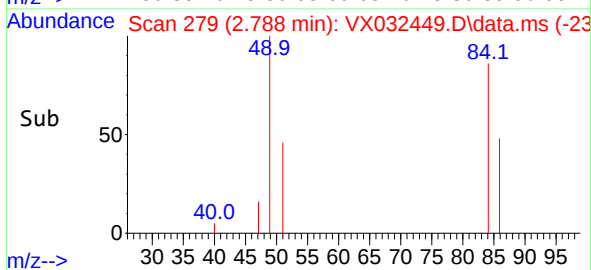
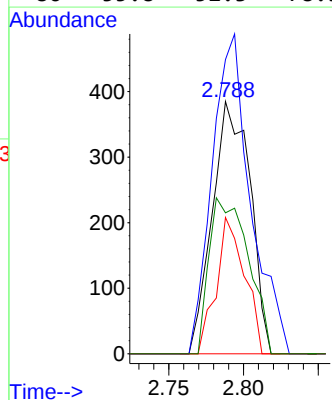
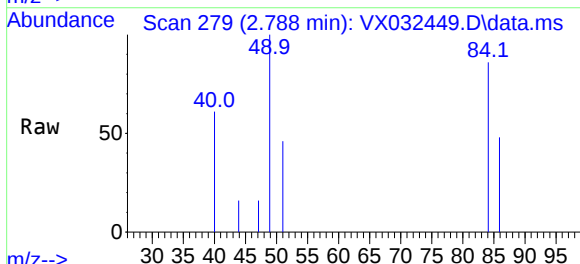
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

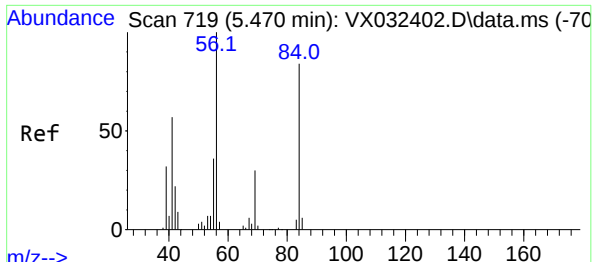
Tgt Ion: 76 Resp: 678
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.463 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

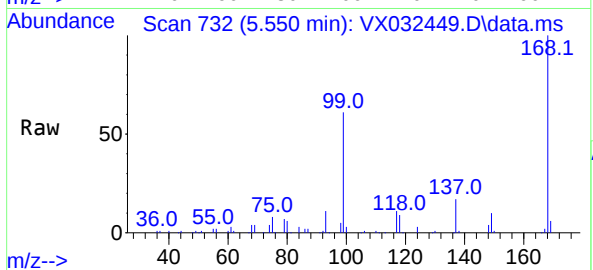
Tgt Ion: 84 Resp: 676
Ion Ratio Lower Upper
84 100
49 116.6 101.0 151.6
51 54.0 31.1 46.7#
86 55.8 52.3 78.5



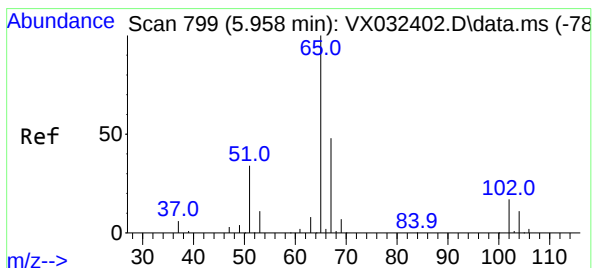
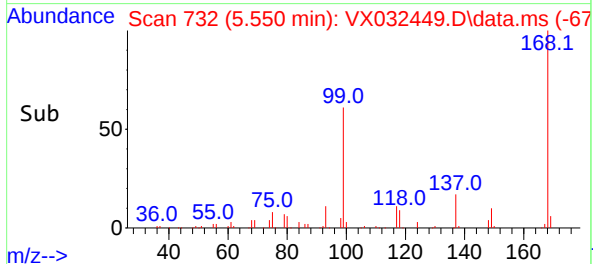
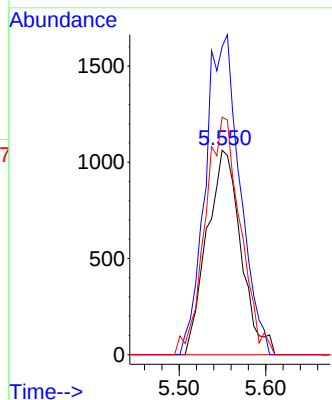


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

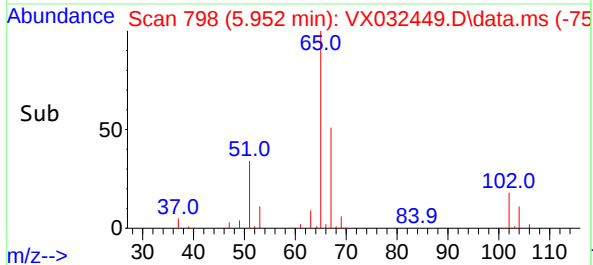
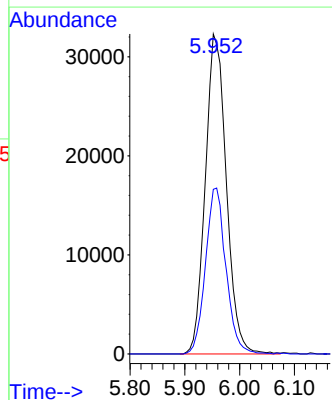
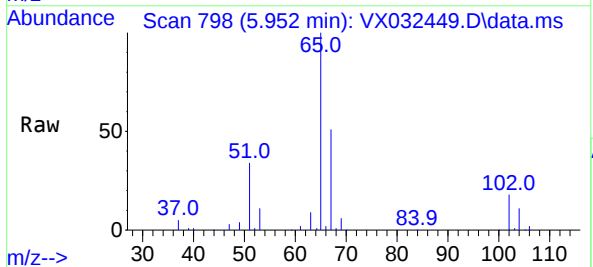


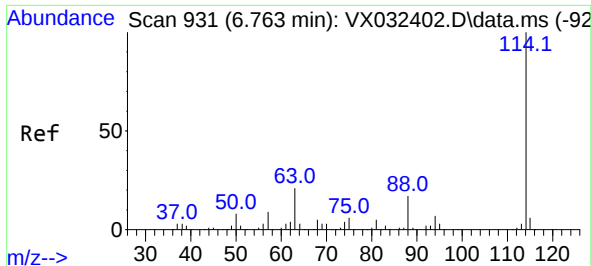
Tgt Ion: 56 Resp: 2897
Ion Ratio Lower Upper
56 100
69 150.6 24.1 36.1#
84 116.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.022 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Tgt Ion: 65 Resp: 85979
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

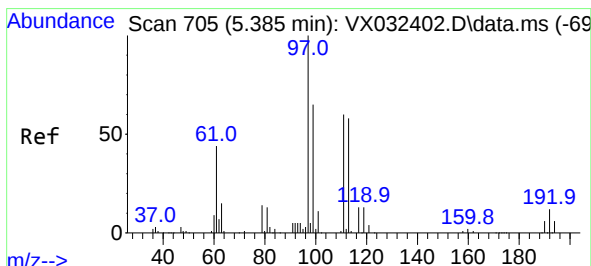
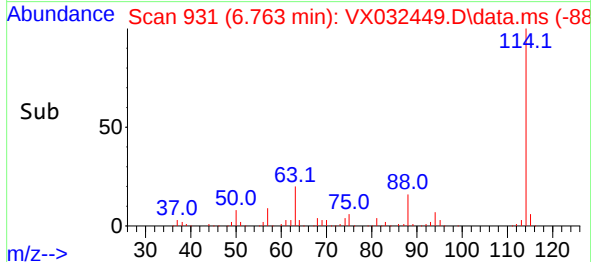
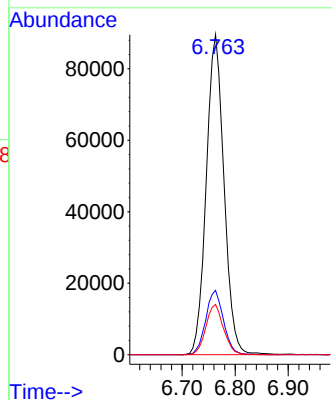
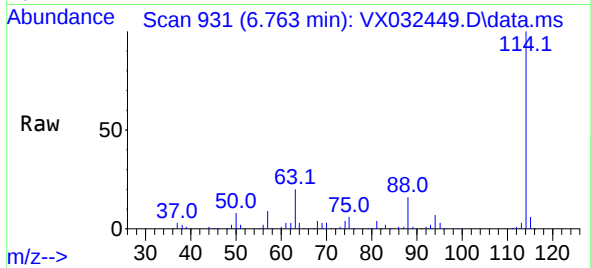




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

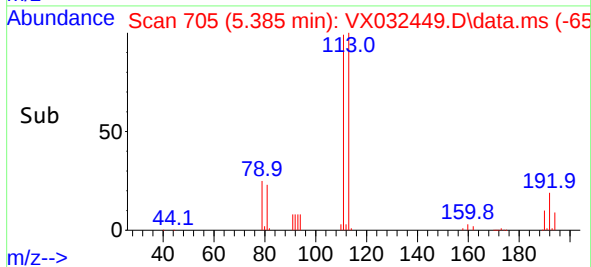
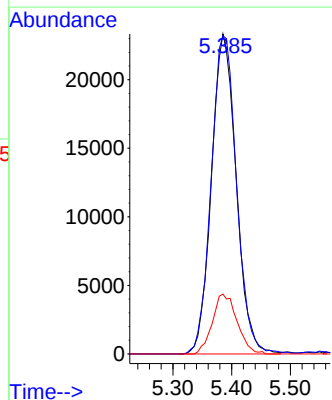
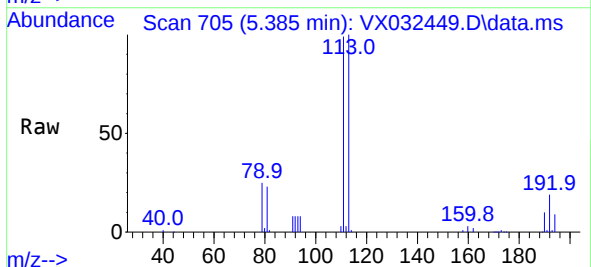
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

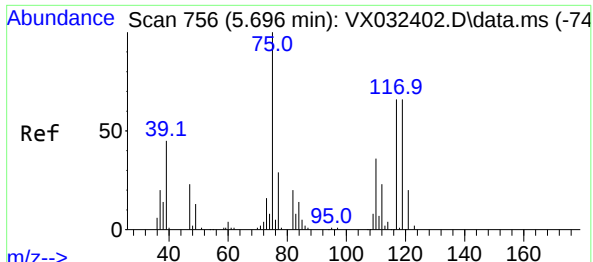
Tgt Ion:114 Resp: 207940
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.909 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Tgt Ion:113 Resp: 68095
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.7 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.112 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032449.D

Acq: 28 Oct 2022 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBL01

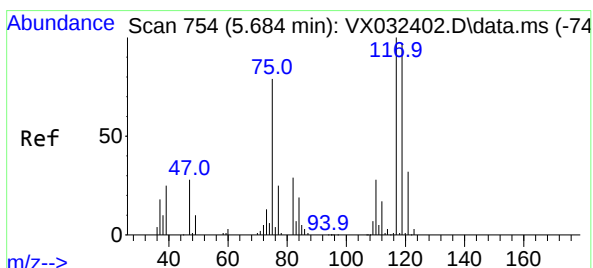
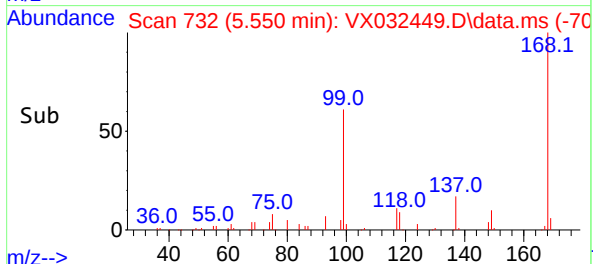
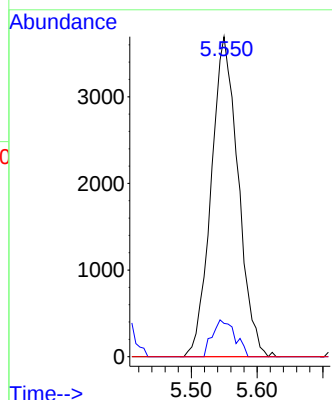
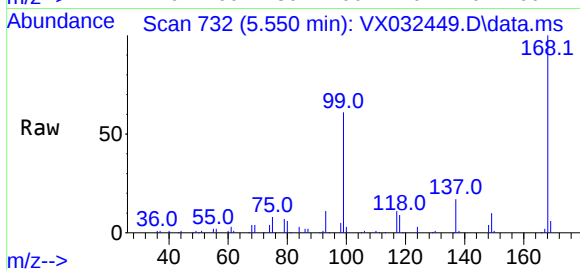
Tgt Ion: 75 Resp: 10558

Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.812 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032449.D

Acq: 28 Oct 2022 11:05

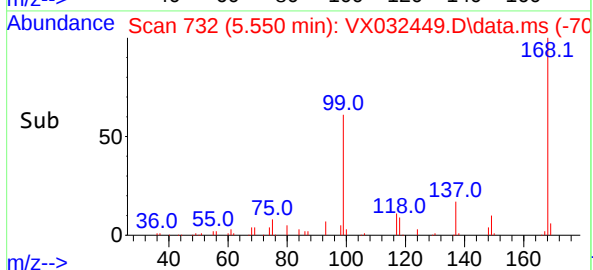
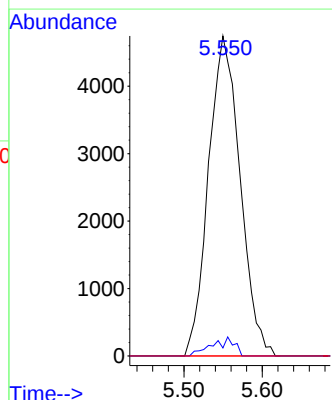
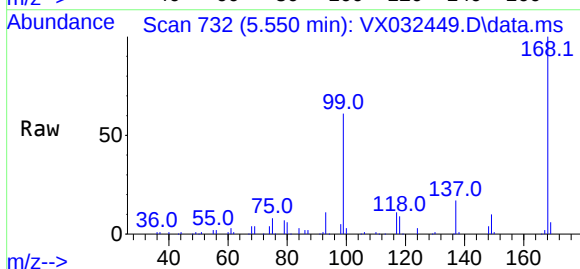
Tgt Ion: 117 Resp: 13315

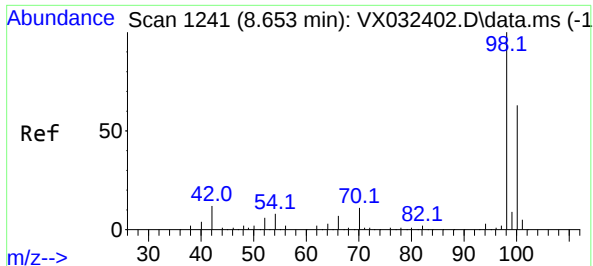
Ion Ratio Lower Upper

117 100

119 2.5 77.2 115.8#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 47.844 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032449.D

Acq: 28 Oct 2022 11:05

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MSVOA_X

ClientSampleId :

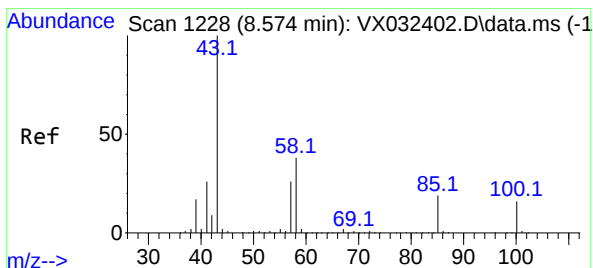
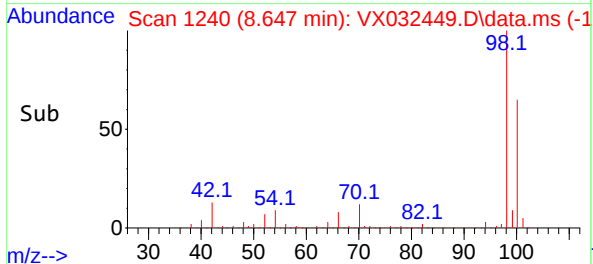
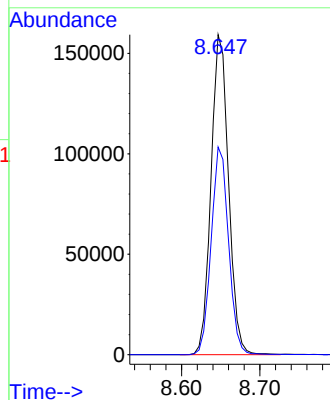
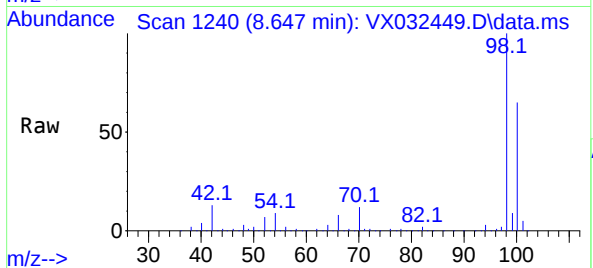
VX1028WBL01

Tgt Ion: 98 Resp: 246763

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032449.D

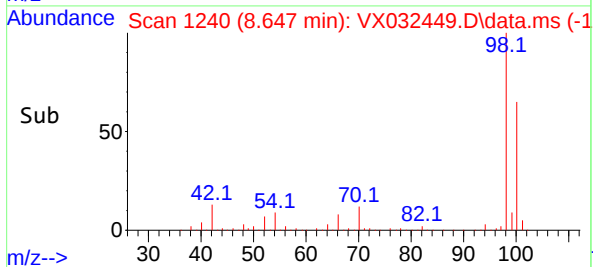
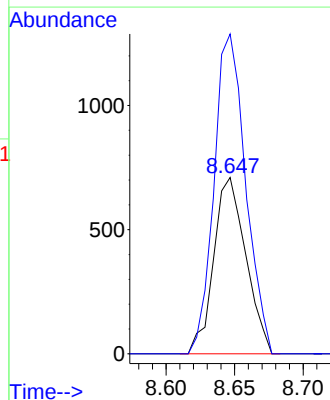
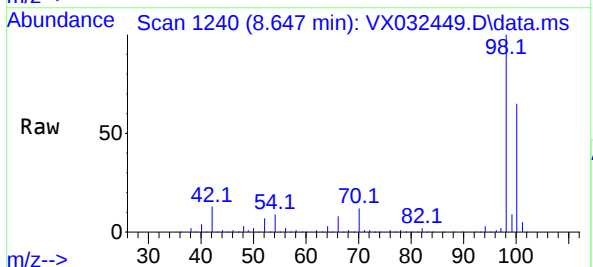
Acq: 28 Oct 2022 11:05

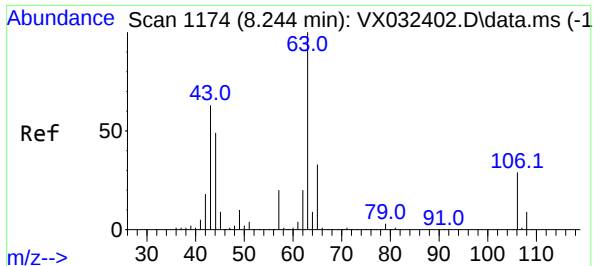
Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

58 178.5 30.9 46.3#

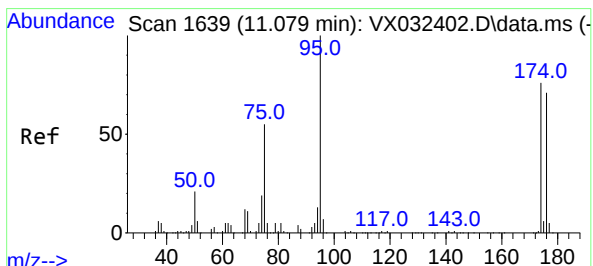
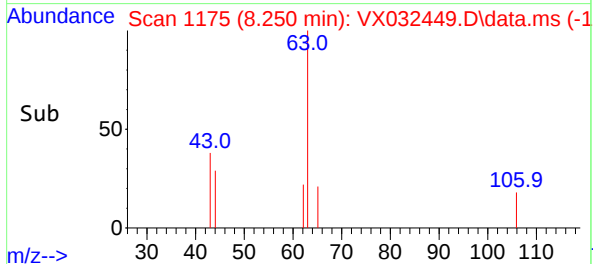
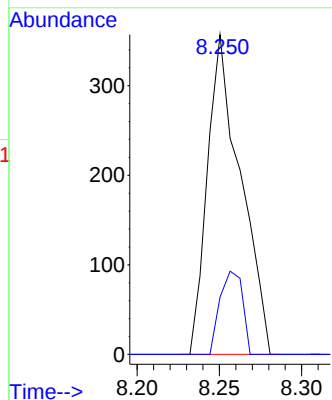
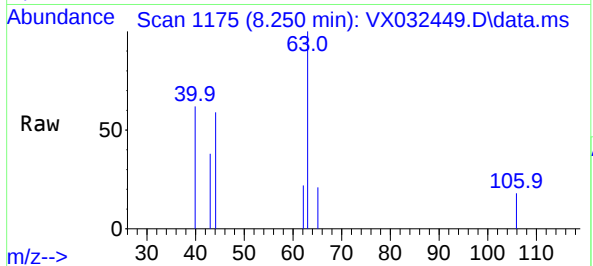




#58
2-Chloroethyl Vinyl ether
Concen: 0.449 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

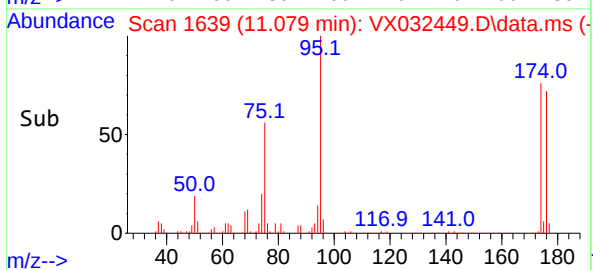
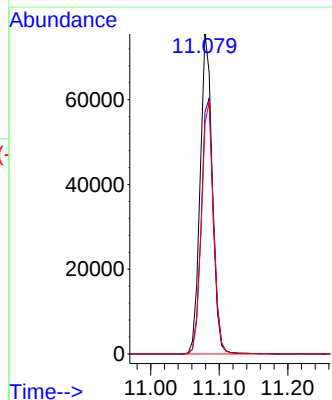
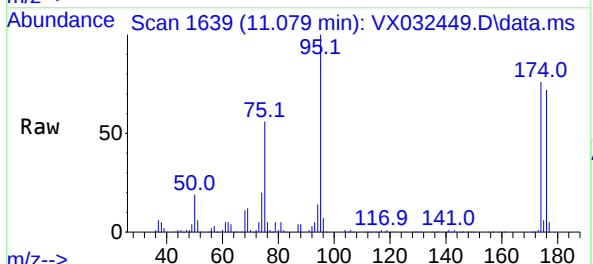
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

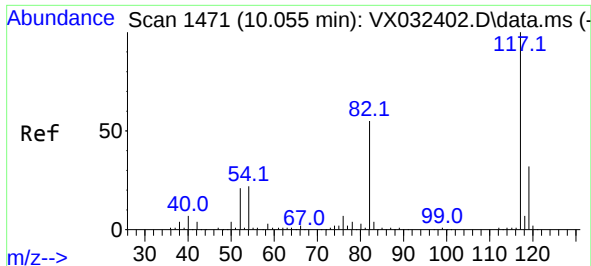
Tgt Ion: 63 Resp: 500
Ion Ratio Lower Upper
63 100
106 17.6 23.3 34.9#



#62
4-Bromofluorobenzene
Concen: 46.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Tgt Ion: 95 Resp: 92725
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 78.7 0.0 154.4

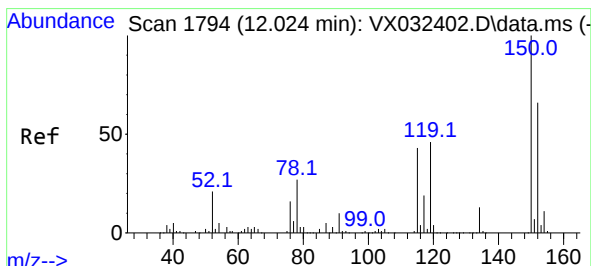
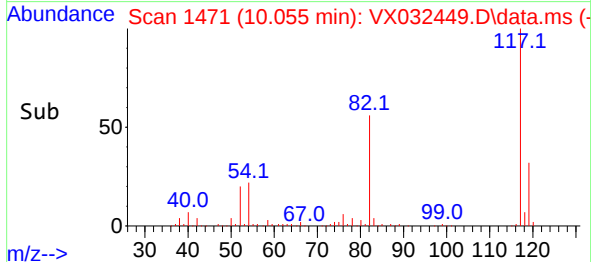
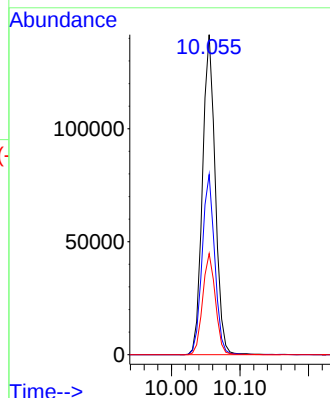
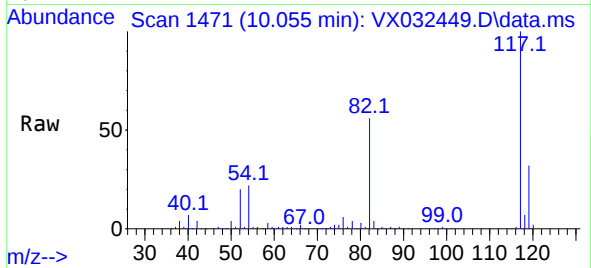




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

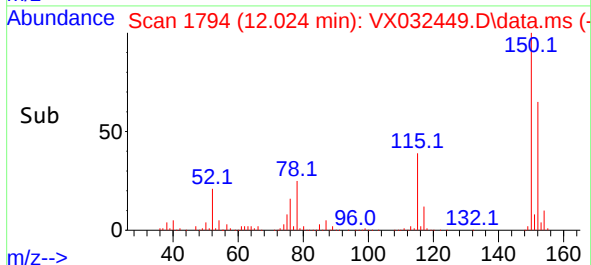
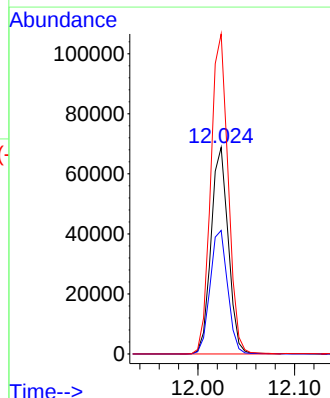
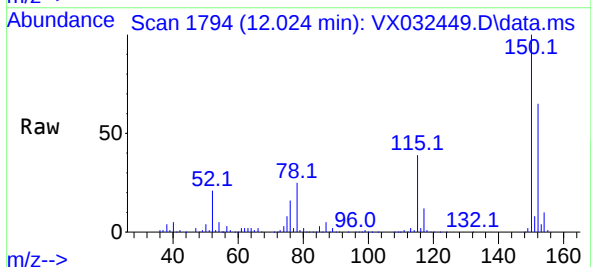
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

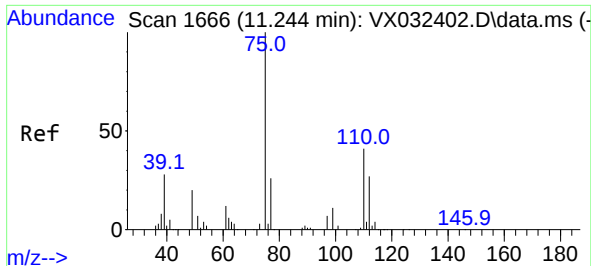
Tgt Ion:117 Resp: 183639
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Tgt Ion:152 Resp: 84978
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 156.8 0.0 351.8

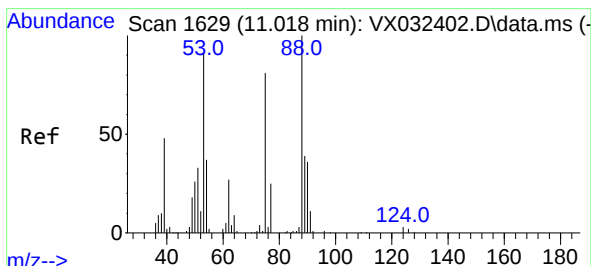
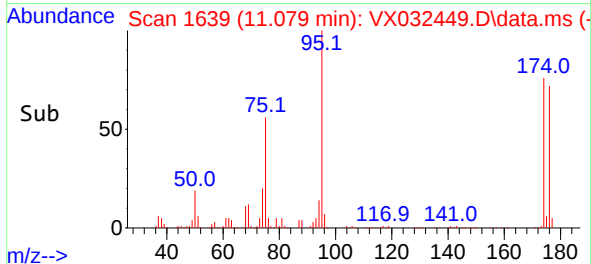
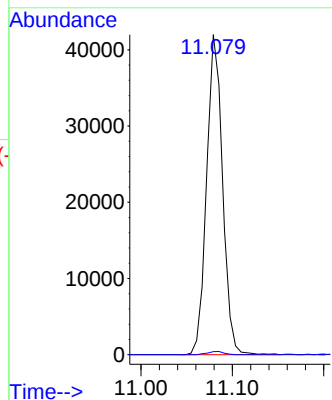
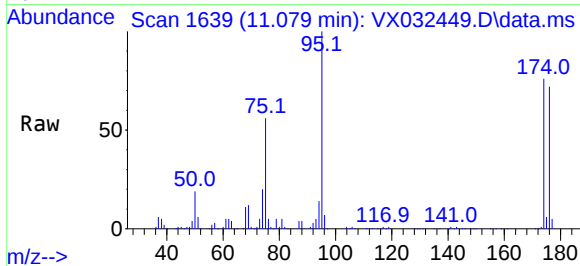




#76
1,2,3-Trichloropropane
Concen: 26.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBL01

Tgt Ion: 75 Resp: 50734
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032449.D
Acq: 28 Oct 2022 11:05

Tgt Ion: 75 Resp: 50734
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

