

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031770.D
 Acq On : 29 Sep 2022 13:59
 Operator : JC/MD
 Sample : N4860-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Sep 30 04:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

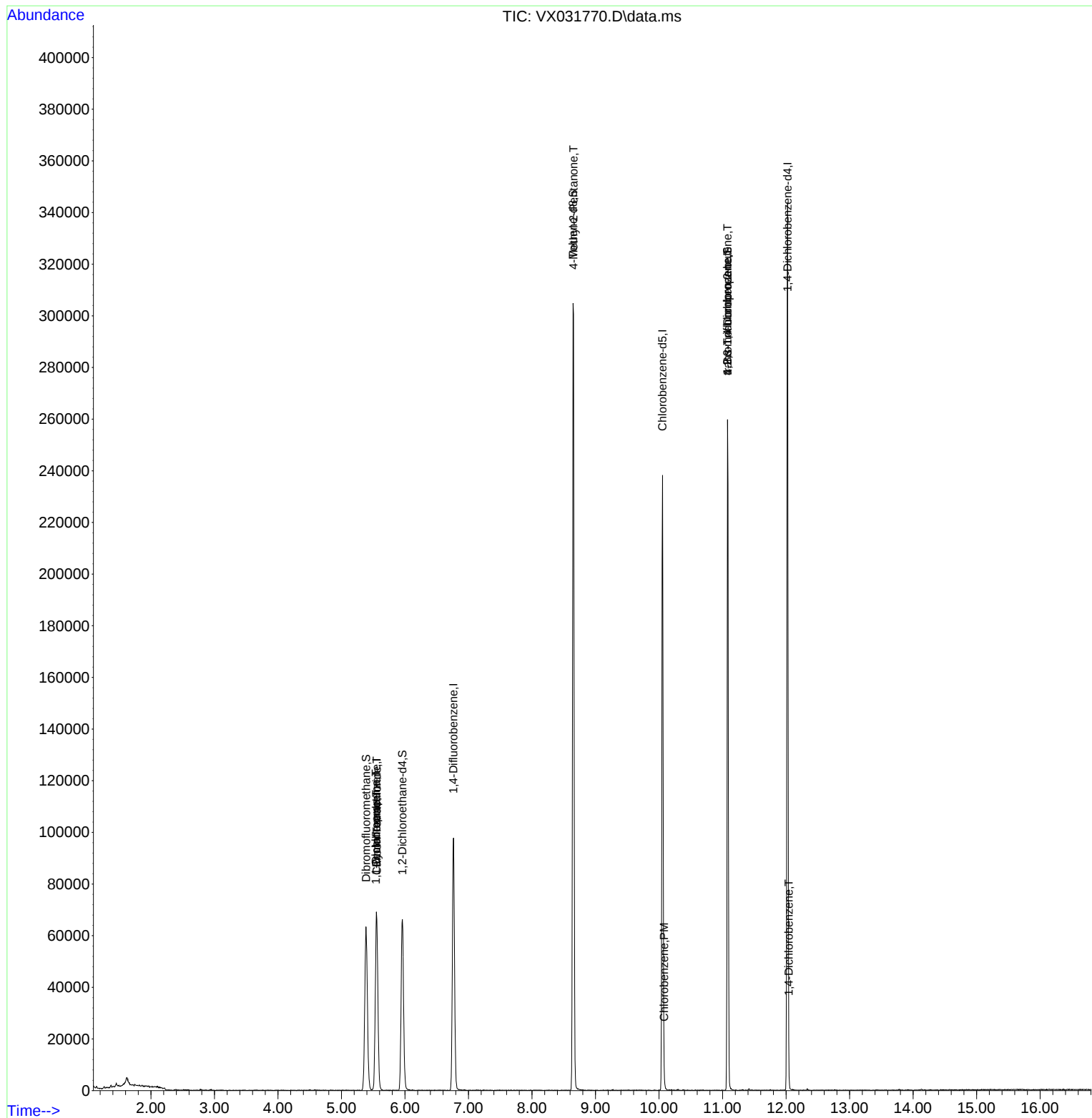
Internal Standards						
1) Pentafluorobenzene	5.550	168	65301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	102050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64563	46.584	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.160%
35) Dibromofluoromethane	5.385	113	53746	44.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.400%
50) Toluene-d8	8.647	98	186385	42.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.560%#
62) 4-Bromofluorobenzene	11.079	95	65486	40.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.060%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	73	Below Cal	#	41
5) Bromomethane	1.612	94	313	Below Cal	#	76
6) Chloroethane	1.612	64	511	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	83	Below Cal	#	73
16) Acetone	2.392	43	512	Below Cal	#	45
17) Carbon Disulfide	2.514	76	162	Below Cal	#	75
20) Methylene Chloride	2.794	84	138	Below Cal	#	49
31) Cyclohexane	5.550	56	1379	1.046	ug/l #	37
36) 1,1-Dichloropropene	5.544	75	5031	3.603	ug/l #	45
38) Carbon Tetrachloride	5.556	117	7019	4.460	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	697	0.497	ug/l #	1
65) Chlorobenzene	10.079	112	1215	0.398	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	34635	27.383	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34635	90.522	ug/l #	11
88) 1,4-Dichlorobenzene	12.043	146	795	0.342	ug/l #	39

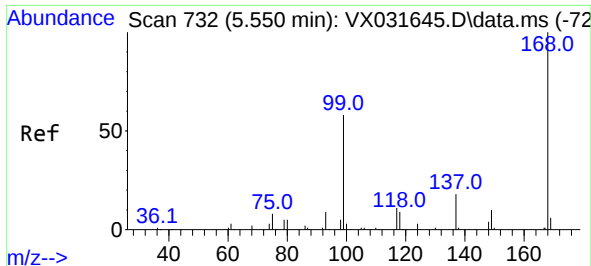
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
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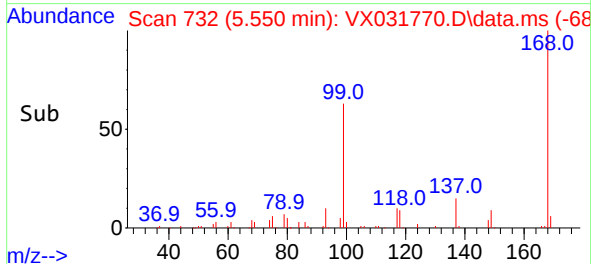
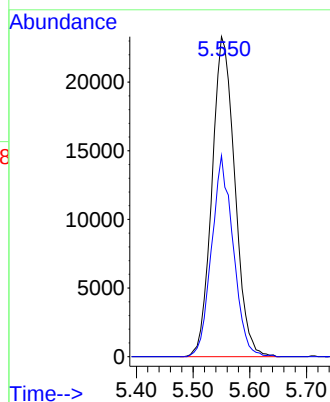
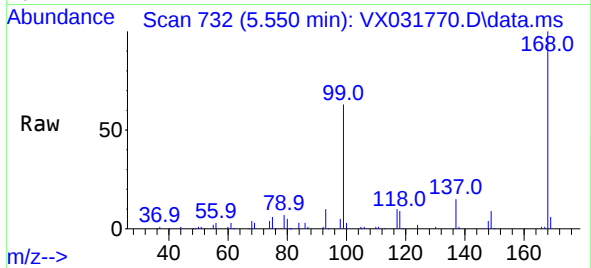




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

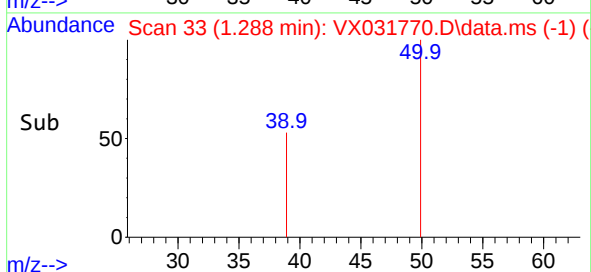
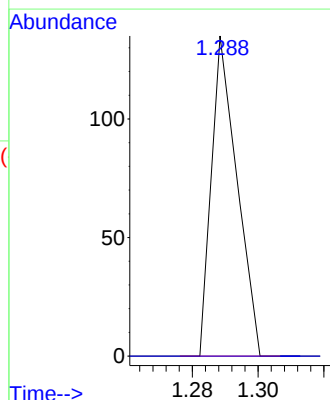
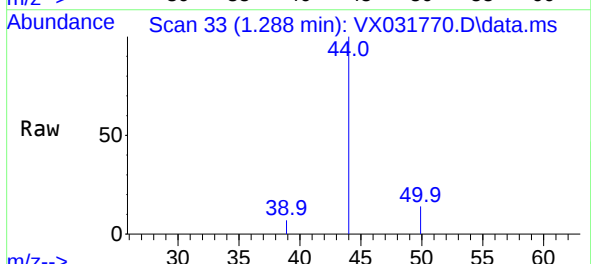
Instrument :
MSVOA_X
ClientSampleId :
MW-01

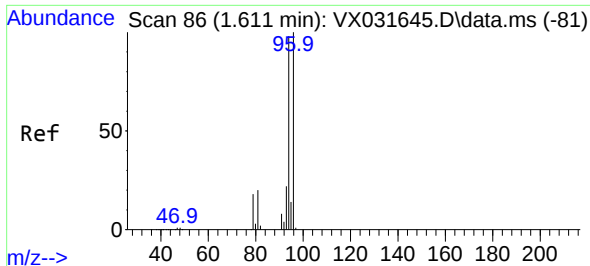
Tgt Ion:168 Resp: 65301
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion: 50 Resp: 73
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

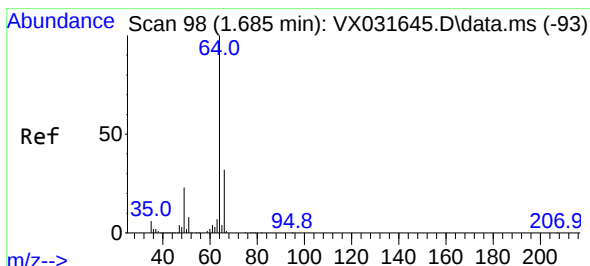
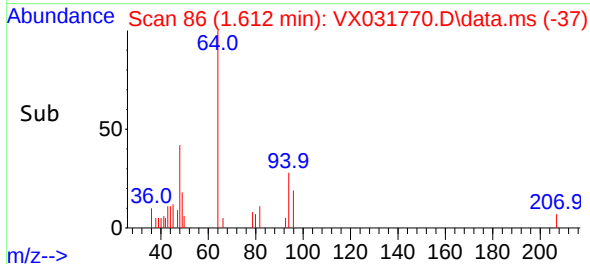
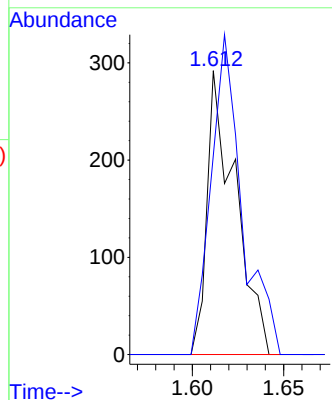
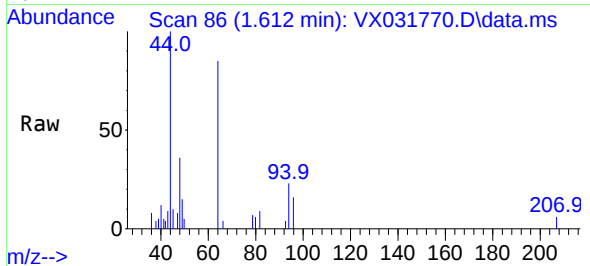




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

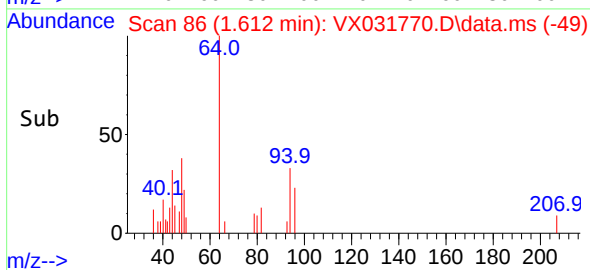
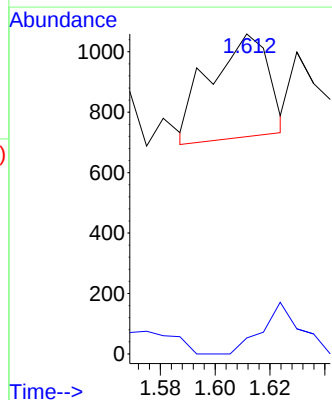
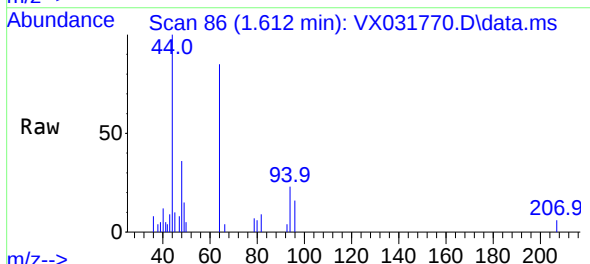
Instrument :
MSVOA_X
ClientSampleId :
MW-01

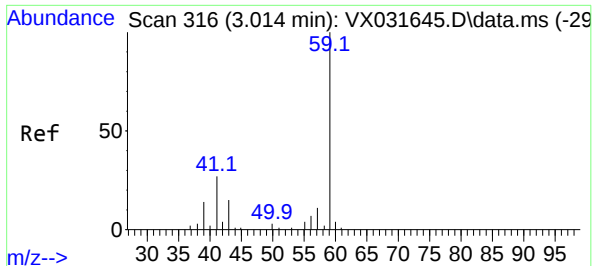
Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 70.2 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. -0.073 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion: 64 Resp: 511
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX031770.D

Acq: 29 Sep 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

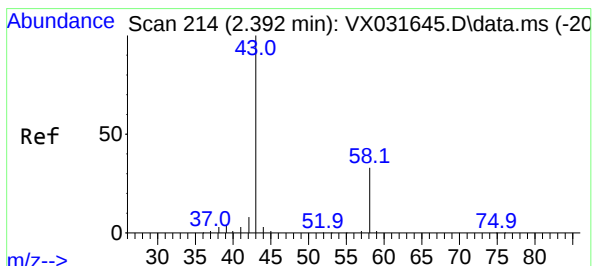
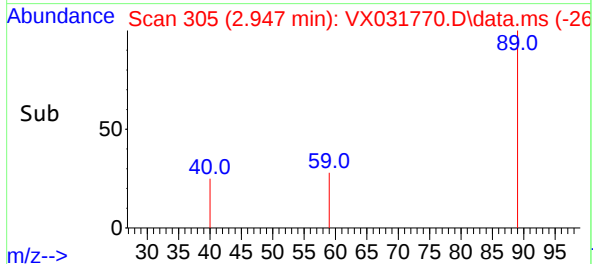
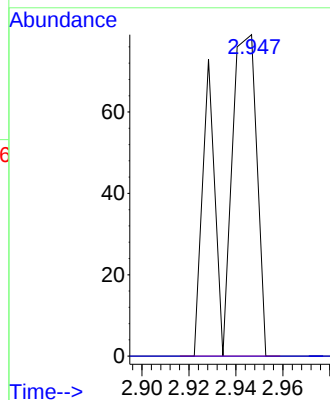
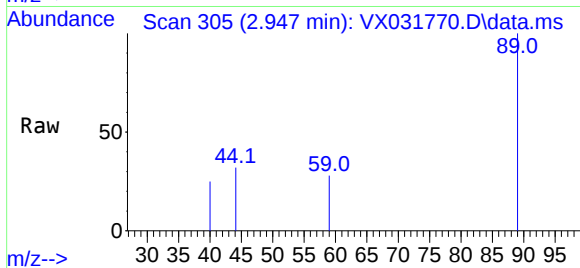
MW-01

Tgt Ion: 59 Resp: 83

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031770.D

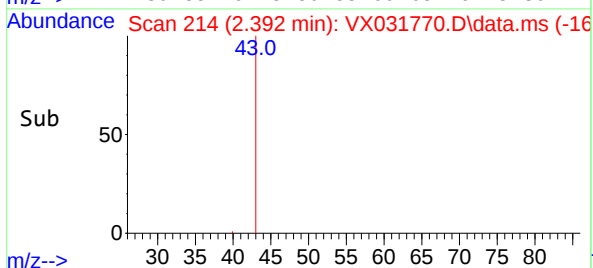
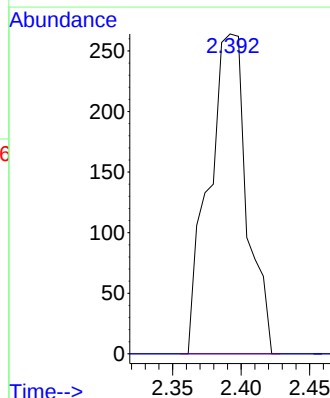
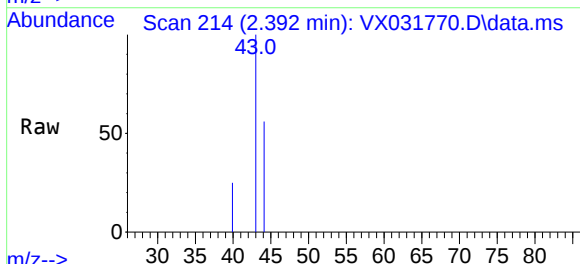
Acq: 29 Sep 2022 13:59

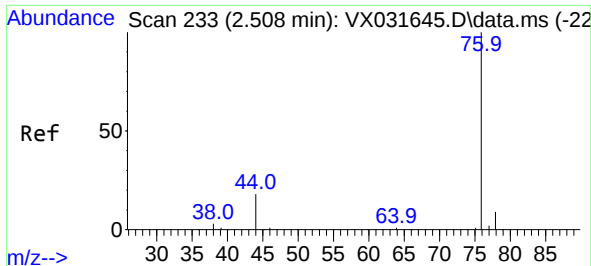
Tgt Ion: 43 Resp: 512

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

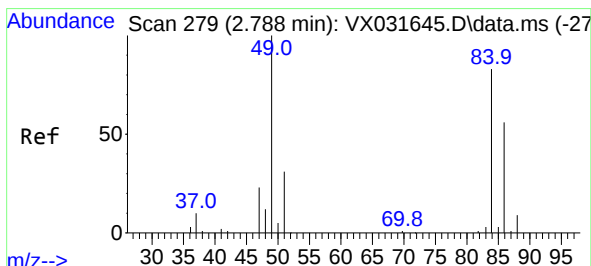
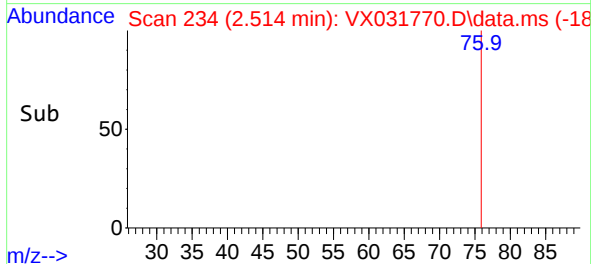
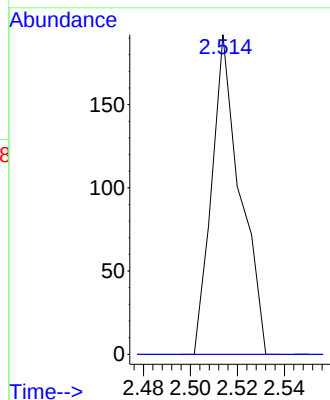
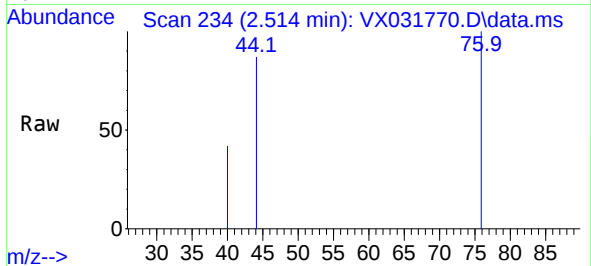




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

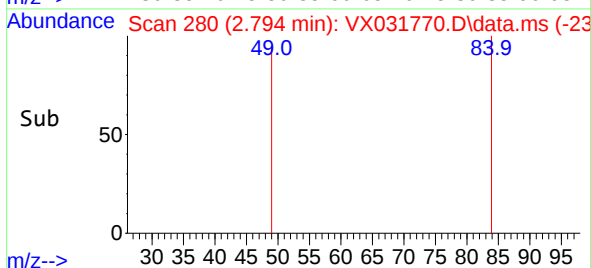
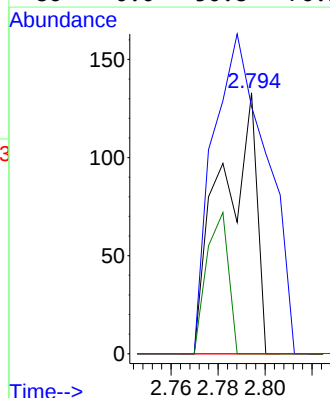
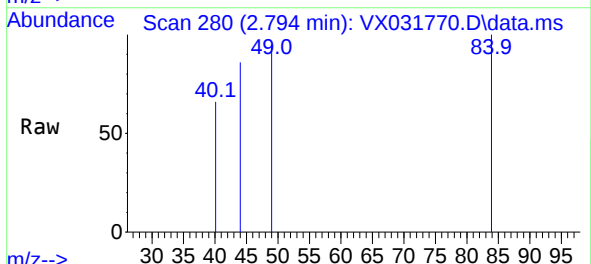
Instrument :
MSVOA_X
ClientSampleId :
MW-01

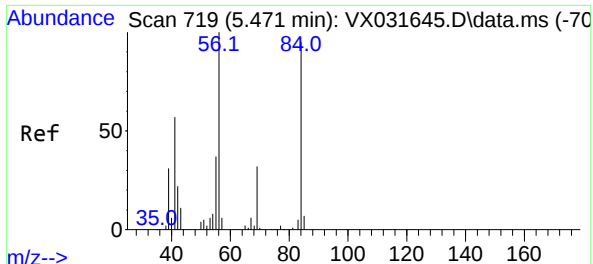
Tgt Ion: 76 Resp: 162
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion: 84 Resp: 138
Ion Ratio Lower Upper
84 100
49 94.7 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#

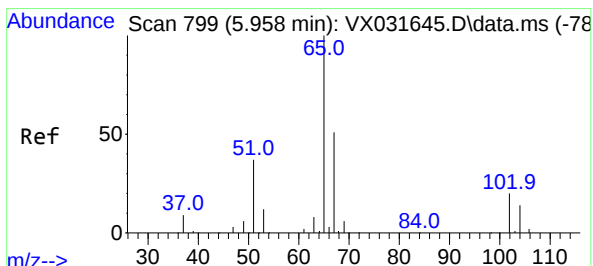
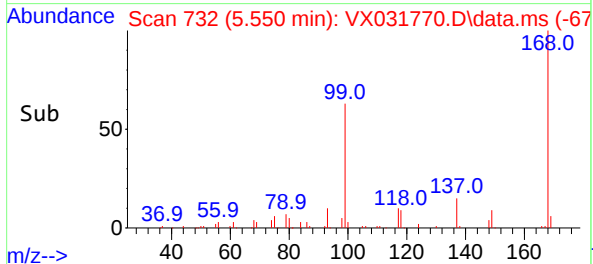
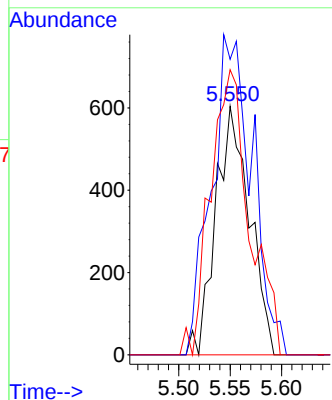
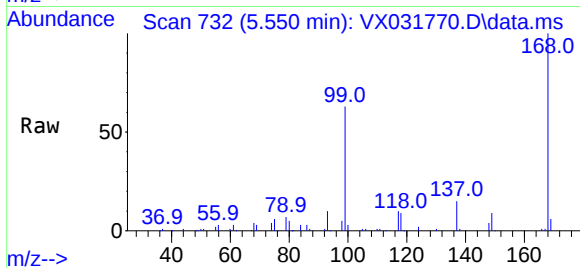




#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

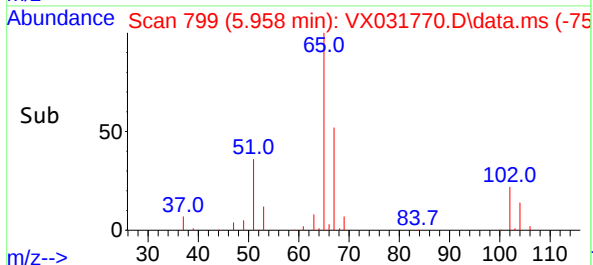
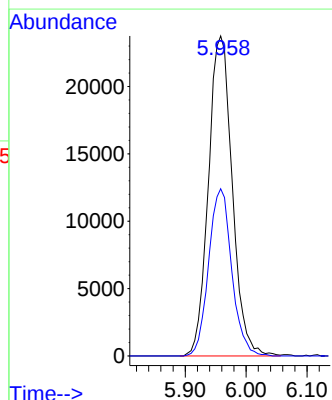
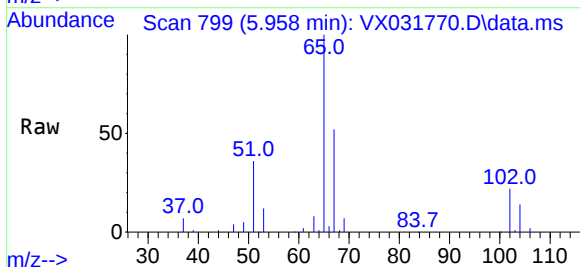
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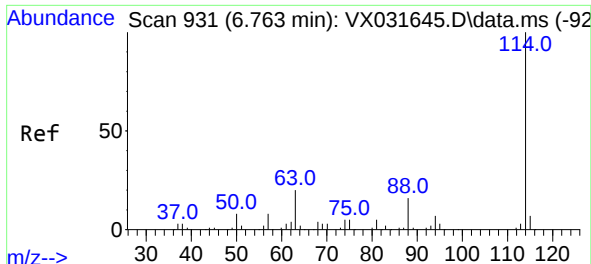
Tgt Ion: 56 Resp: 1379
Ion Ratio Lower Upper
56 100
69 118.9 25.1 37.7#
84 114.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 46.584 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion: 65 Resp: 64563
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4

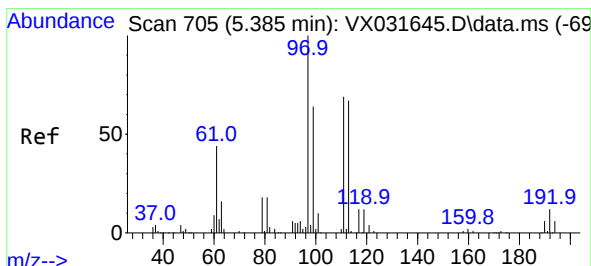
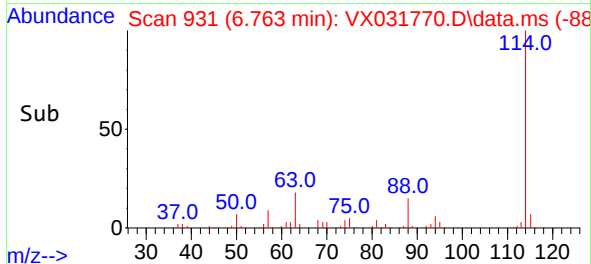
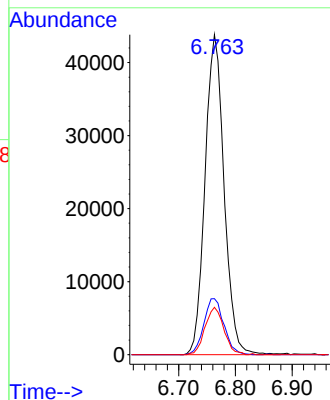
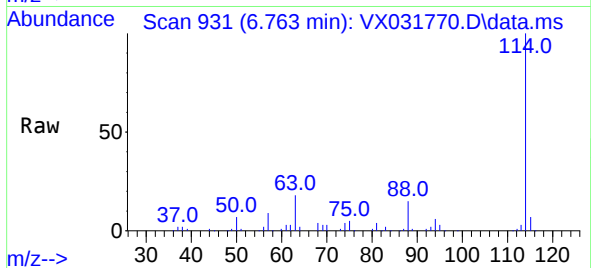




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

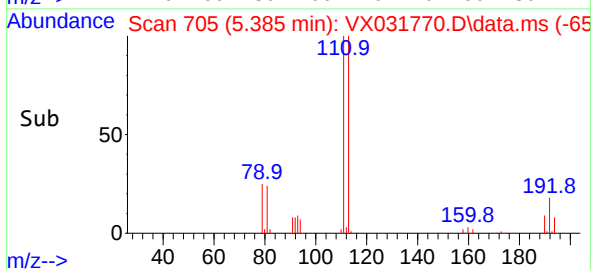
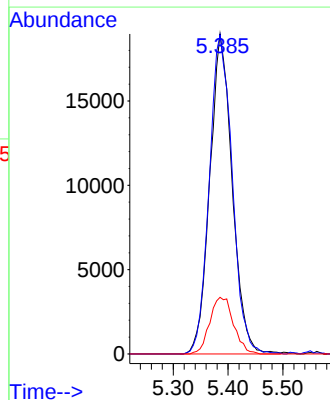
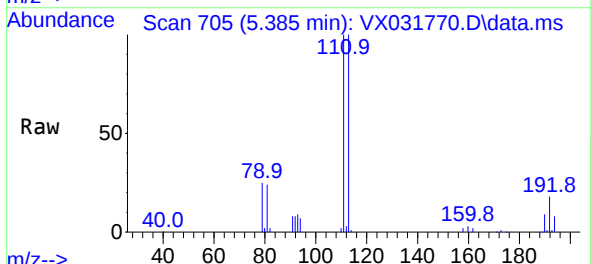
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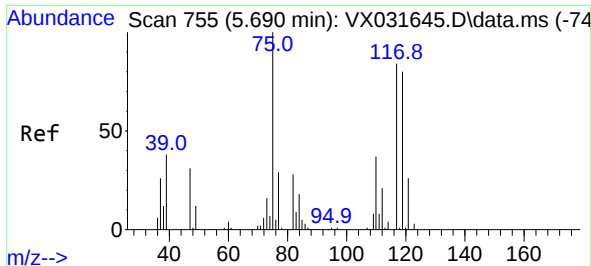
Tgt Ion:114 Resp: 102050
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.6
88 14.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 44.201 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion:113 Resp: 53746
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.8 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.603 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX031770.D

Acq: 29 Sep 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

MW-01

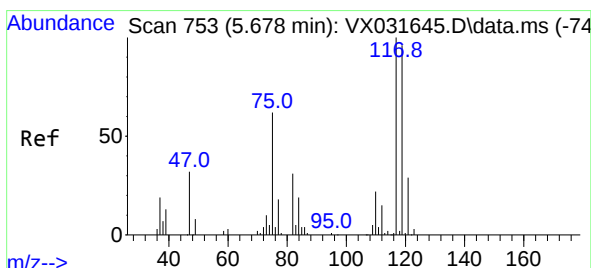
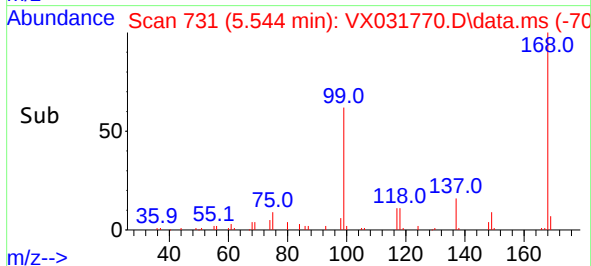
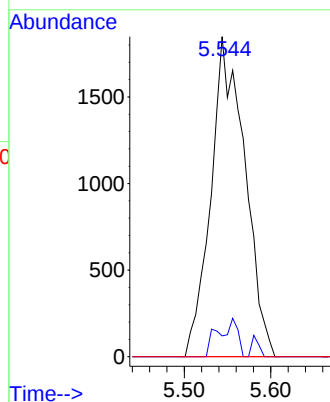
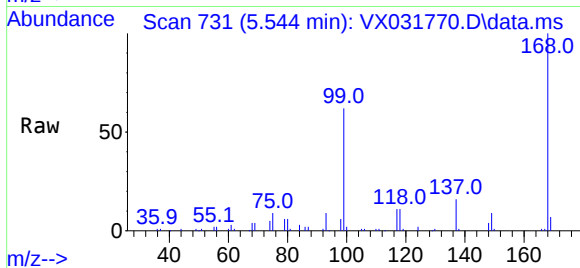
Tgt Ion: 75 Resp: 5031

Ion Ratio Lower Upper

75 100

110 3.7 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.460 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031770.D

Acq: 29 Sep 2022 13:59

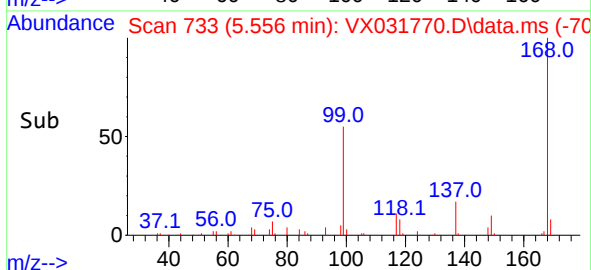
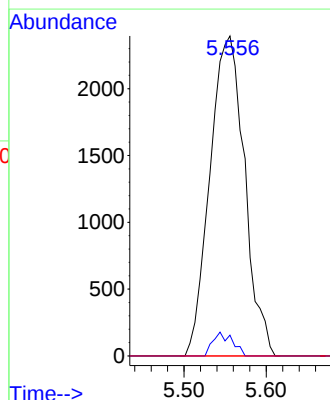
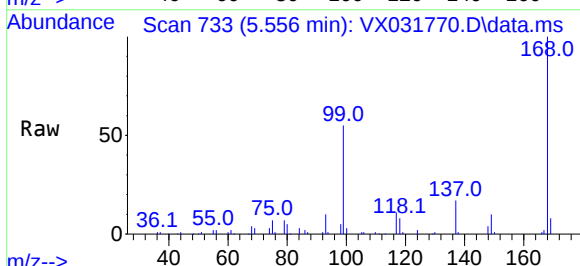
Tgt Ion: 117 Resp: 7019

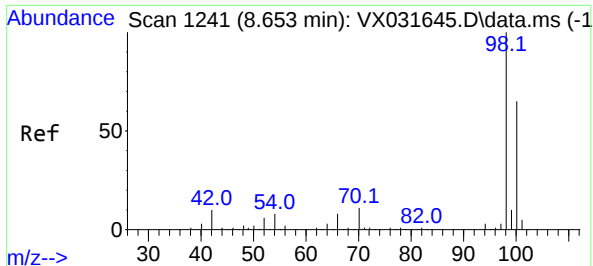
Ion Ratio Lower Upper

117 100

119 6.5 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 42.280 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031770.D

Acq: 29 Sep 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

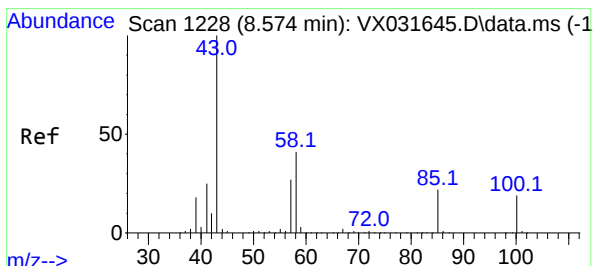
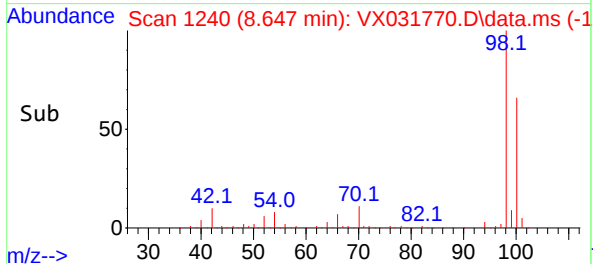
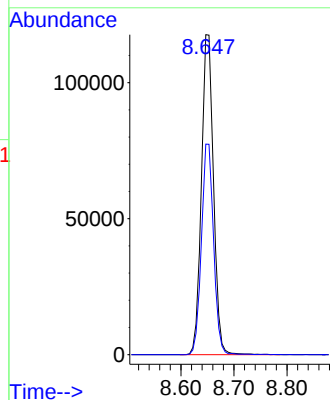
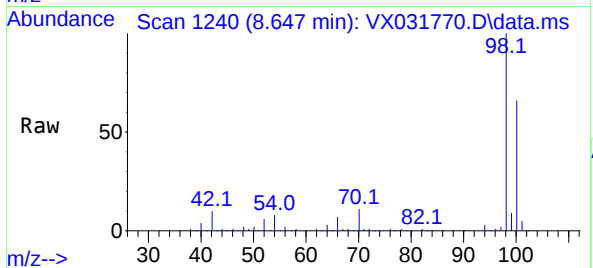
MW-01

Tgt Ion: 98 Resp: 186385

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.497 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031770.D

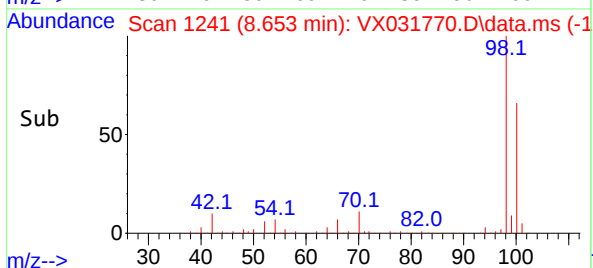
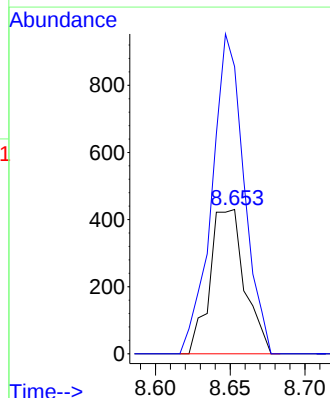
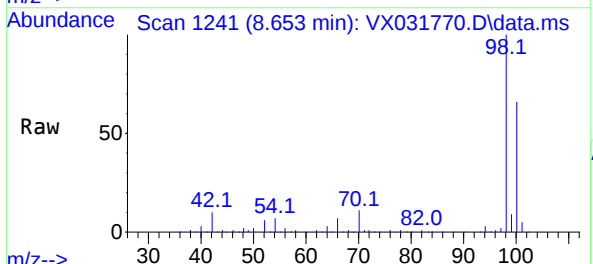
Acq: 29 Sep 2022 13:59

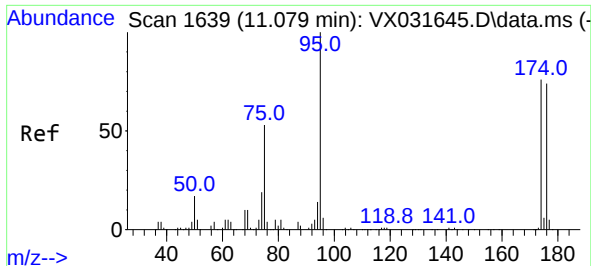
Tgt Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

58 204.9 30.6 46.0#

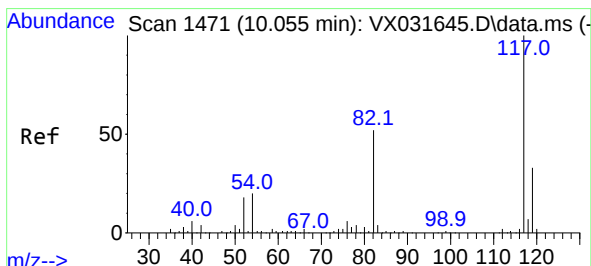
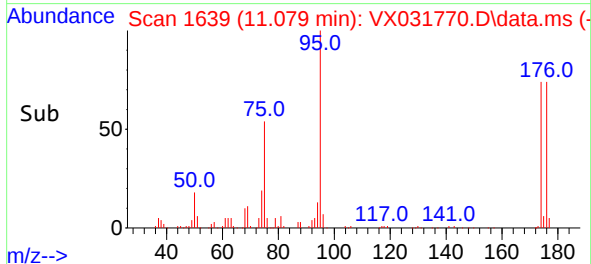
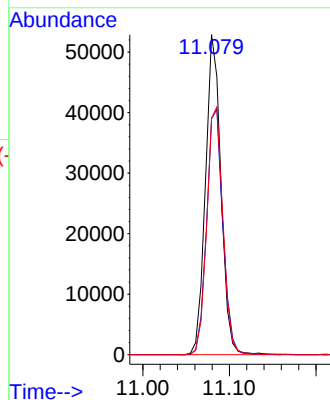
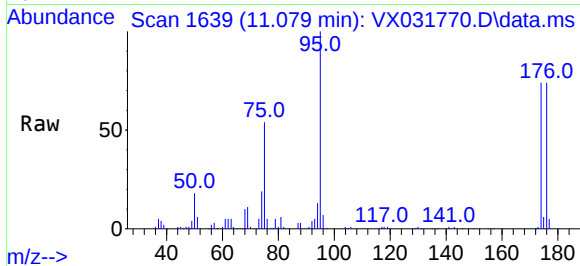




#62
4-Bromofluorobenzene
Concen: 40.530 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

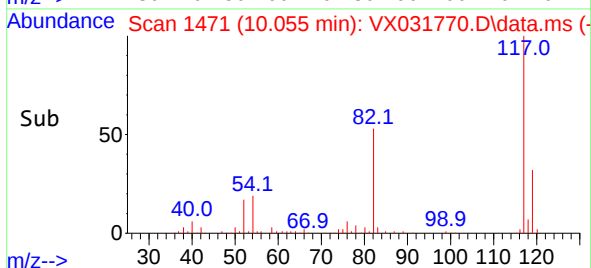
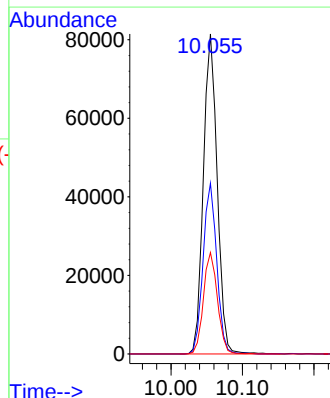
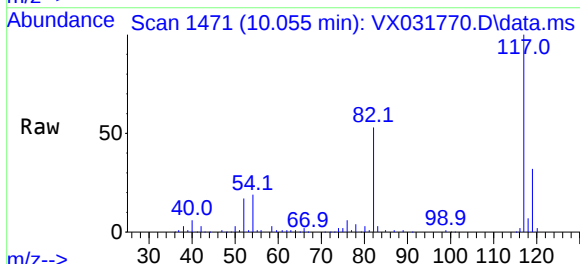
Instrument :
MSVOA_X
ClientSampleId :
MW-01

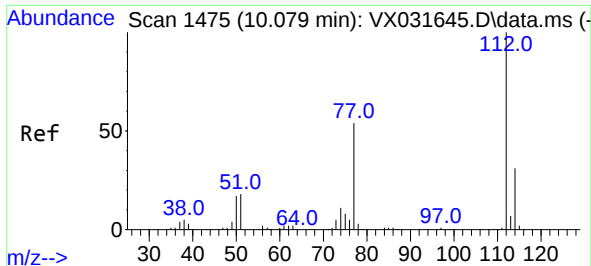
Tgt Ion: 95 Resp: 65486
Ion Ratio Lower Upper
95 100
174 80.6 0.0 153.2
176 80.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion: 117 Resp: 109545
Ion Ratio Lower Upper
117 100
82 53.3 46.8 70.2
119 31.7 26.4 39.6

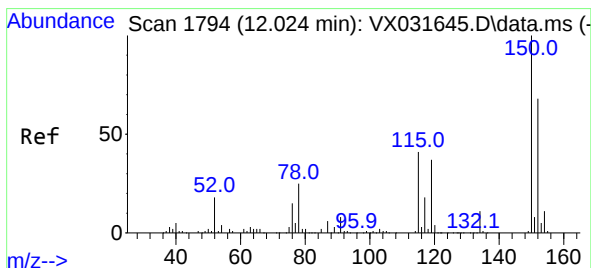
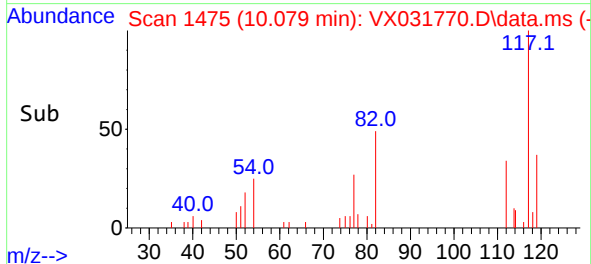
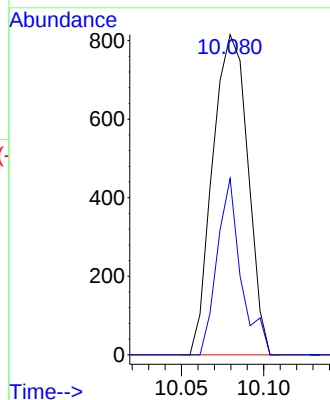
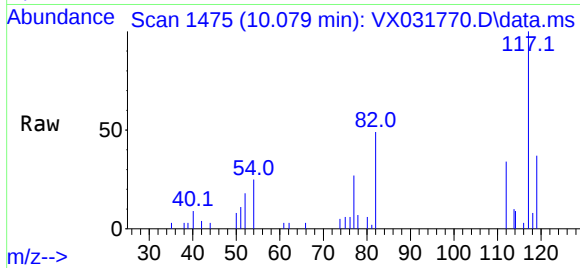




#65
Chlorobenzene
Concen: 0.398 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

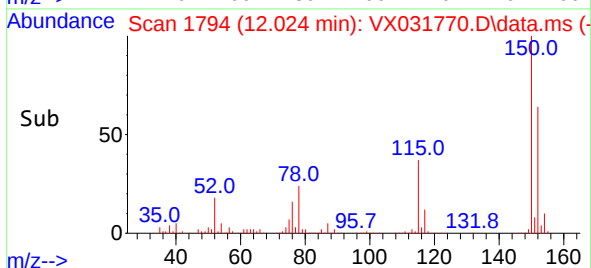
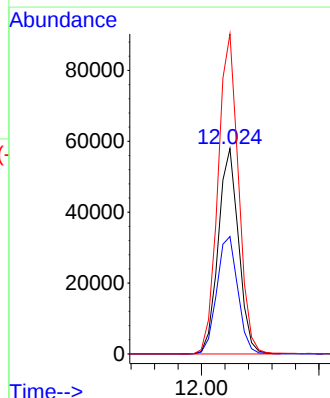
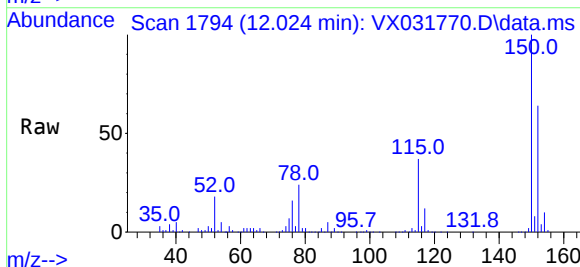
Instrument :
MSVOA_X
ClientSampleId :
MW-01

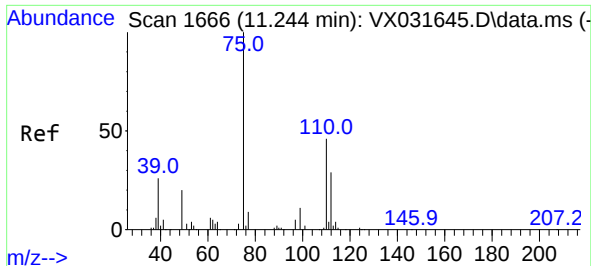
Tgt Ion:112 Resp: 1215
Ion Ratio Lower Upper
112 100
114 55.1 25.7 38.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion:152 Resp: 69770
Ion Ratio Lower Upper
152 100
115 59.3 43.4 130.1
150 156.7 0.0 346.8

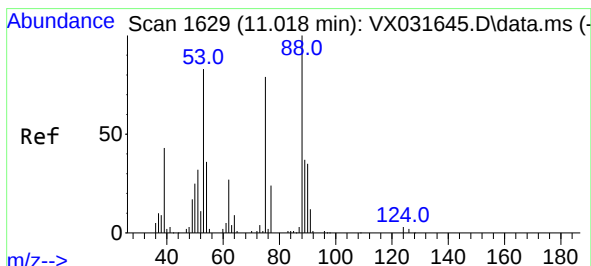
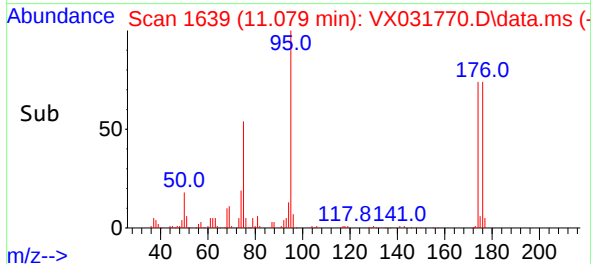
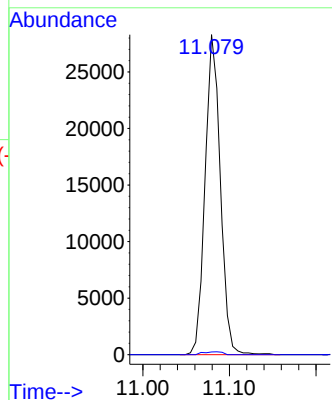
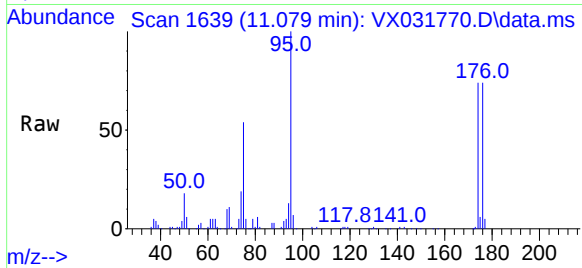




#76
1,2,3-Trichloropropane
Concen: 27.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

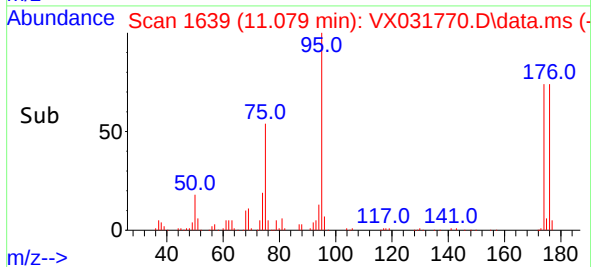
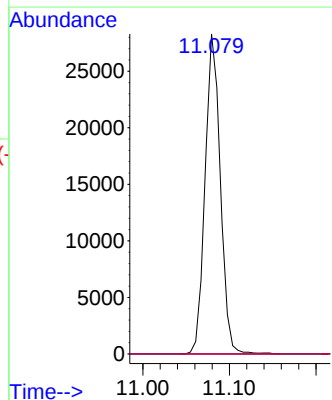
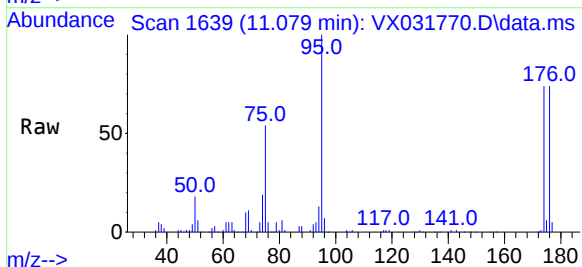
Instrument :
MSVOA_X
ClientSampleId :
MW-01

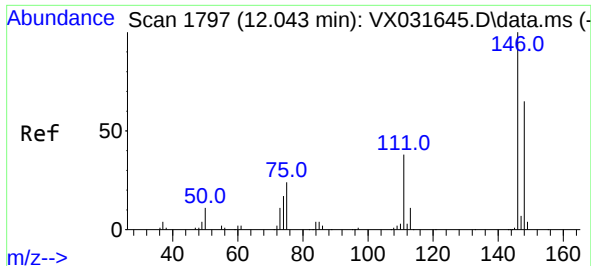
Tgt Ion: 75 Resp: 34635
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031770.D
Acq: 29 Sep 2022 13:59

Tgt Ion: 75 Resp: 34635
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#88

1,4-Dichlorobenzene

Concen: 0.342 ug/l

RT: 12.043 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031770.D

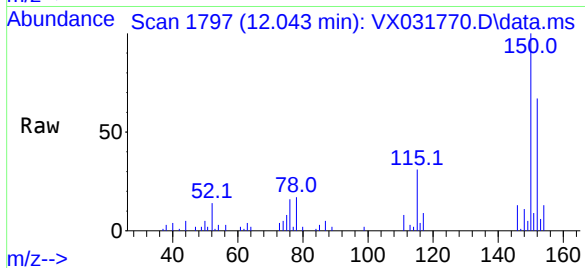
Acq: 29 Sep 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

MW-01



Tgt Ion:146 Resp: 795

Ion Ratio Lower Upper

146 100

111 0.0 20.5 61.5#

148 110.1 32.0 96.2#

