

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032688.D
 Acq On : 09 Nov 2022 18:34
 Operator : JC/MD
 Sample : N5551-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Nov 10 03:06:32 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)

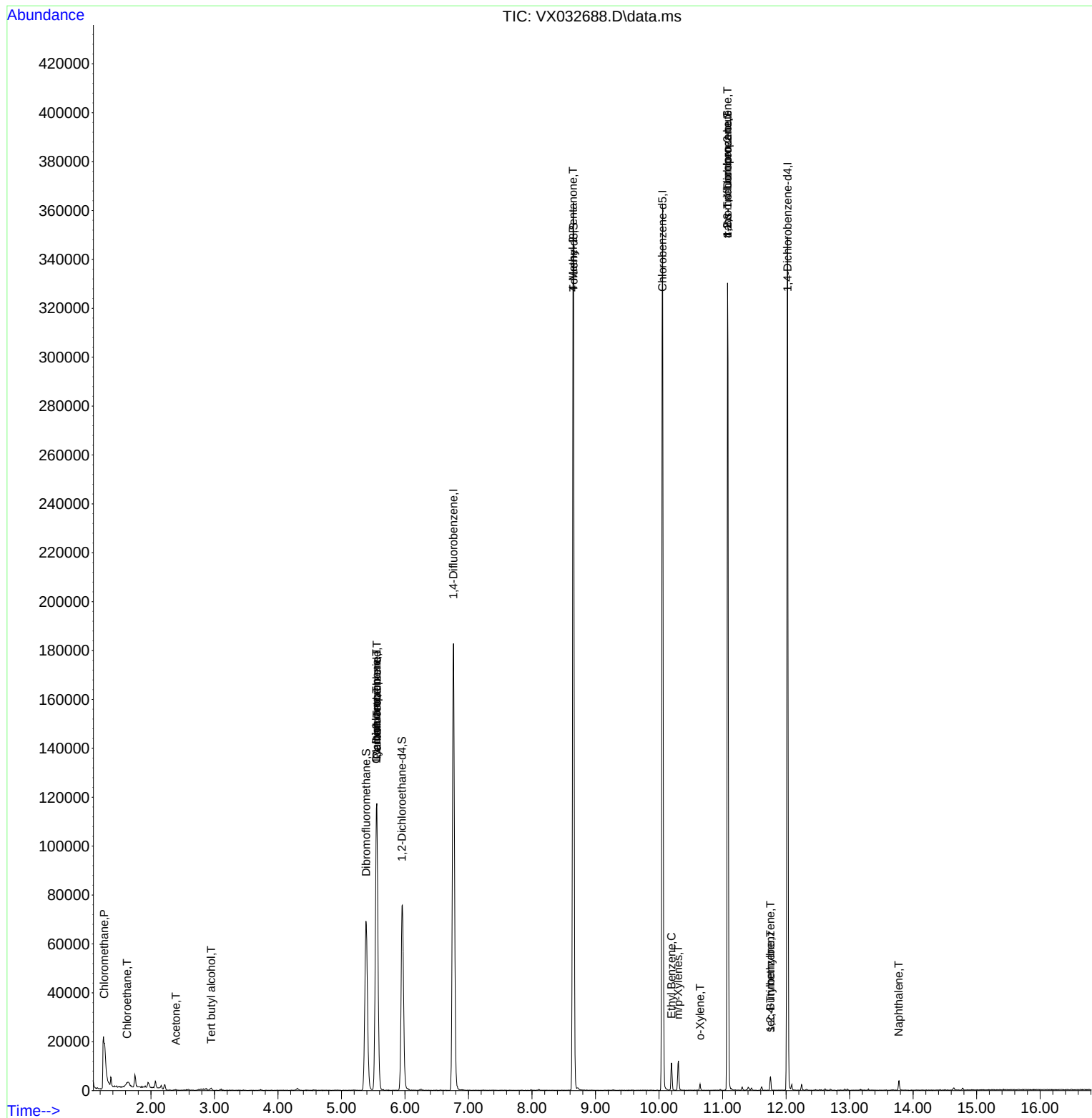
Internal Standards						
1) Pentafluorobenzene	5.556	168	109608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77528	50.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.820%	
35) Dibromofluoromethane	5.385	113	59824	45.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.940%	
50) Toluene-d8	8.653	98	219981	48.613	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	11.079	95	81062	45.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	1089	1.019	ug/l #	43
6) Chloroethane	1.624	64	671	0.850	ug/l #	42
11) Tert butyl alcohol	2.947	59	560	2.526	ug/l #	72
16) Acetone	2.392	43	372	0.672	ug/l	92
31) Cyclohexane	5.550	56	2592	1.404	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	8588	4.739	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11692	5.817	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	975	0.534	ug/l #	1
67) Ethyl Benzene	10.195	91	6560	1.044	ug/l	96
68) m/p-Xylenes	10.299	106	2798	1.147	ug/l	95
69) o-Xylene	10.646	106	562	0.237	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	44648	27.917	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44648	88.834	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	2760	0.570	ug/l	97
85) sec-Butylbenzene	11.756	105	2760	0.472	ug/l #	57
95) Naphthalene	13.774	128	3052	0.541	ug/l	98

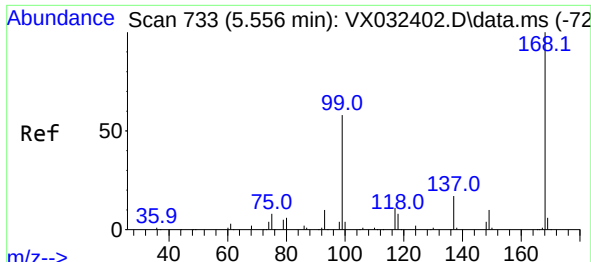
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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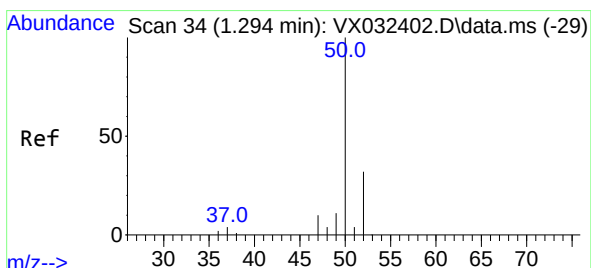
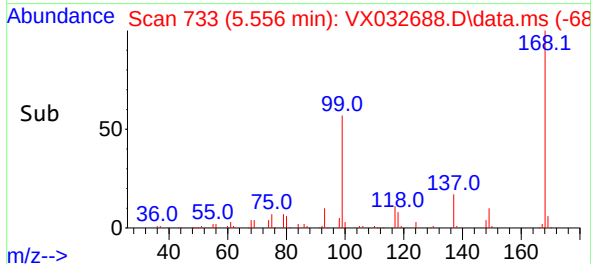
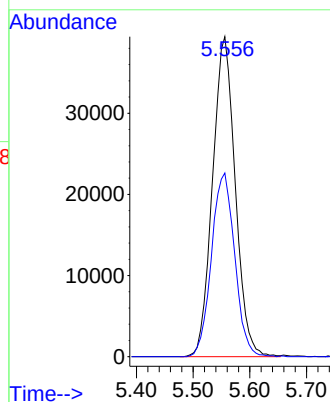
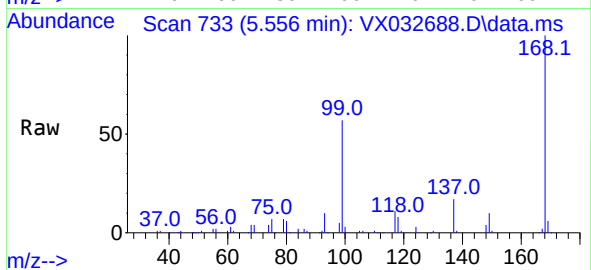




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

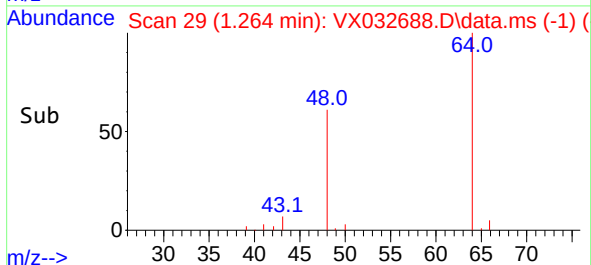
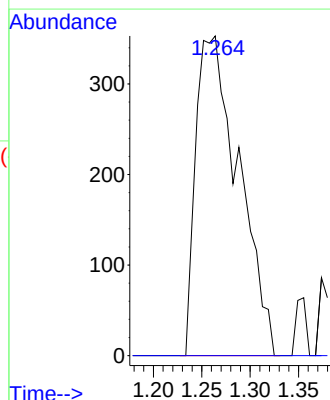
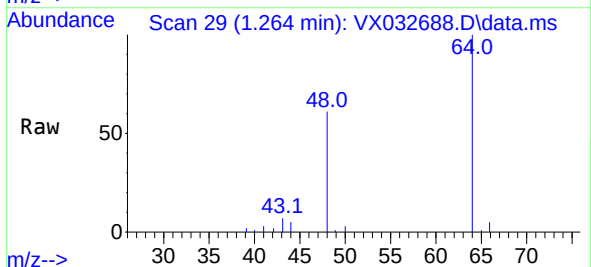
Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:168 Resp: 109608
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1

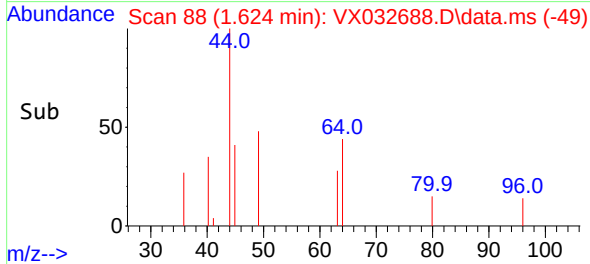
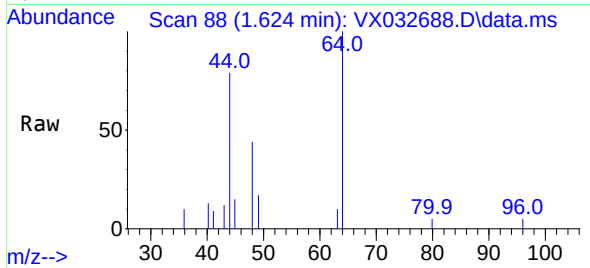
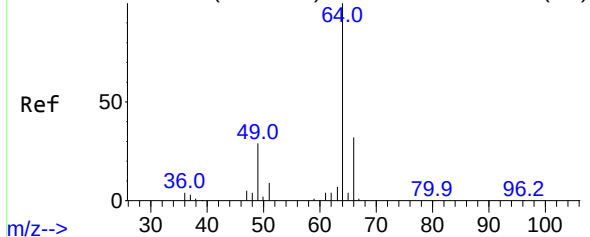


#3
Chloromethane
Concen: 1.019 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 50 Resp: 1089
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



Abundance Scan 98 (1.685 min): VX032402.D\data.ms (-91)



#6

Chloroethane

Concen: 0.850 ug/l

RT: 1.624 min Scan# 81

Delta R.T. -0.061 min

Lab File: VX032688.D

Acq: 09 Nov 2022 18:34

Instrument :

MSVOA_X

ClientSampleId :

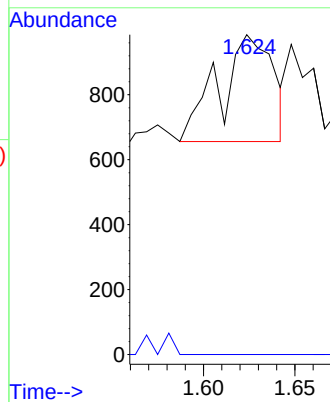
MW-8

Tgt Ion: 64 Resp: 671

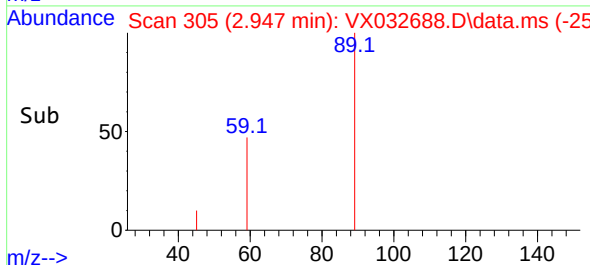
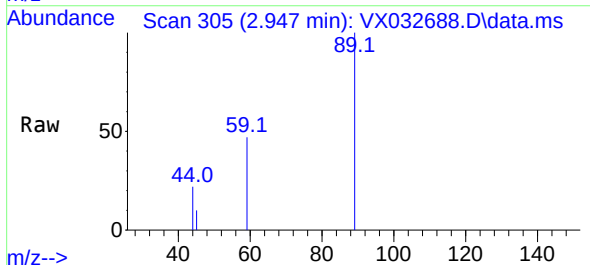
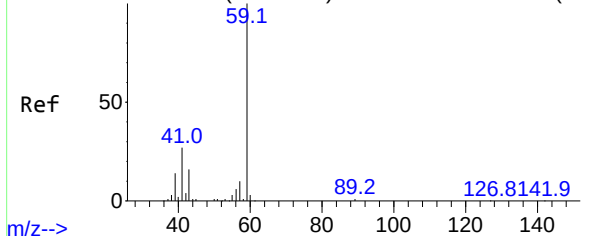
Ion Ratio Lower Upper

64 100

66 0.0 26.0 39.0#



Abundance Scan 308 (2.965 min): VX032402.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 2.526 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX032688.D

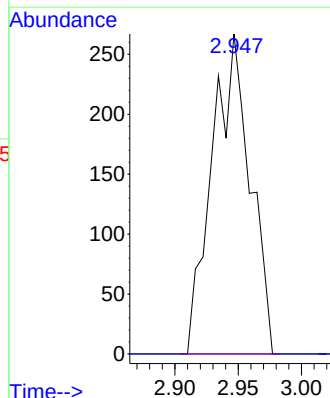
Acq: 09 Nov 2022 18:34

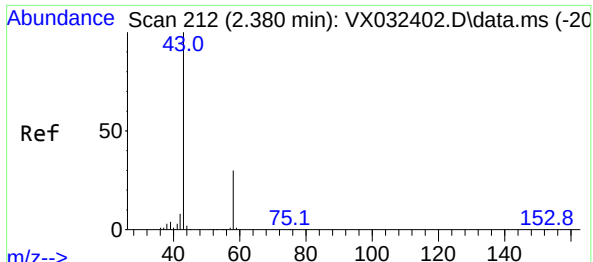
Tgt Ion: 59 Resp: 560

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

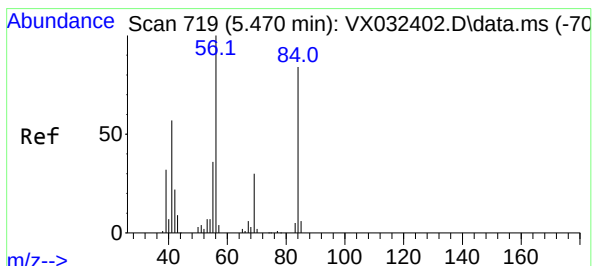
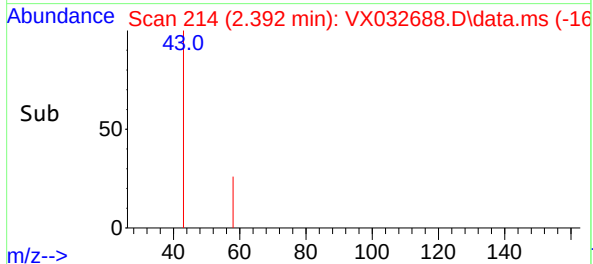
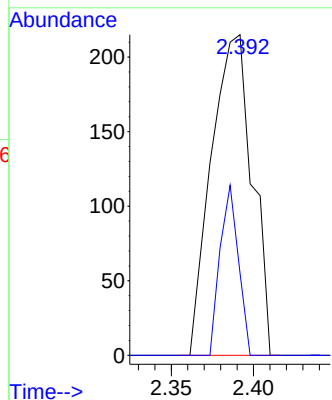
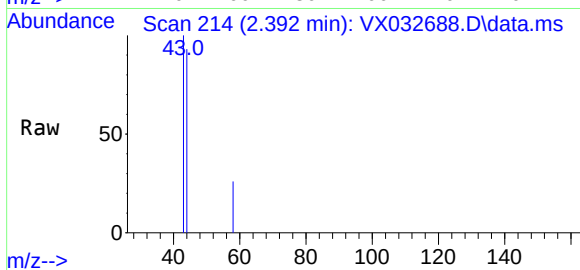




#16
Acetone
Concen: 0.672 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

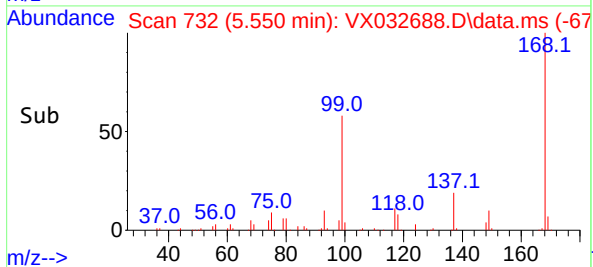
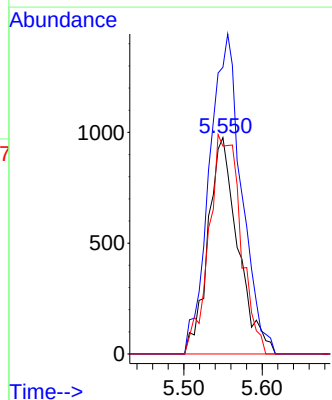
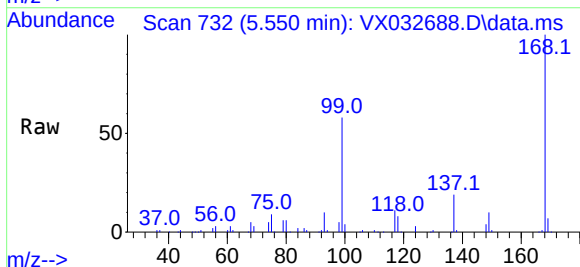
Instrument :
MSVOA_X
ClientSampleId :
MW-8

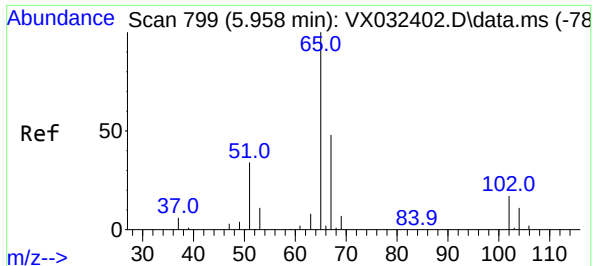
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.8



#31
Cyclohexane
Concen: 1.404 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 56 Resp: 2592
Ion Ratio Lower Upper
56 100
69 132.6 24.1 36.1#
84 96.1 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.906 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032688.D

Acq: 09 Nov 2022 18:34

Instrument :

MSVOA_X

ClientSampleId :

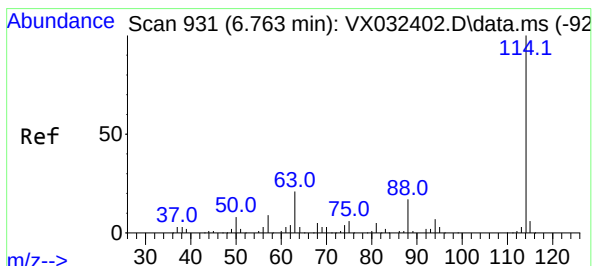
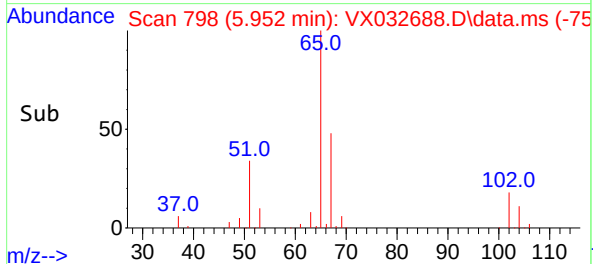
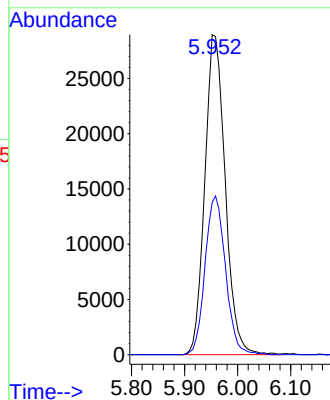
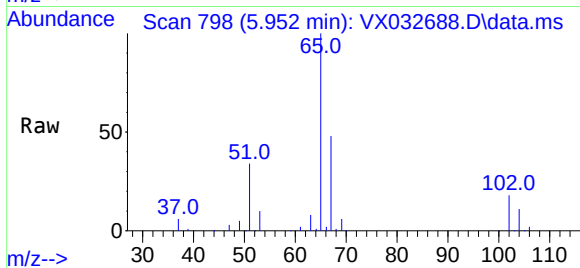
MW-8

Tgt Ion: 65 Resp: 77528

Ion Ratio Lower Upper

65 100

67 49.7 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: VX032688.D

Acq: 09 Nov 2022 18:34

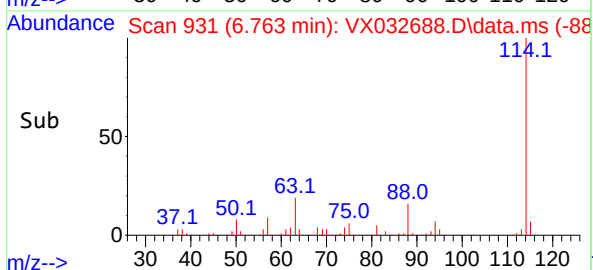
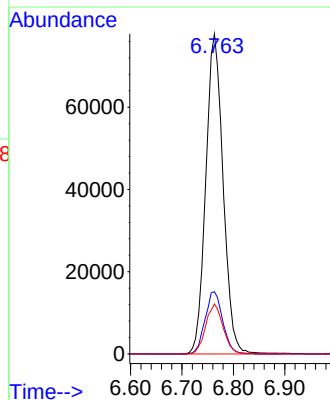
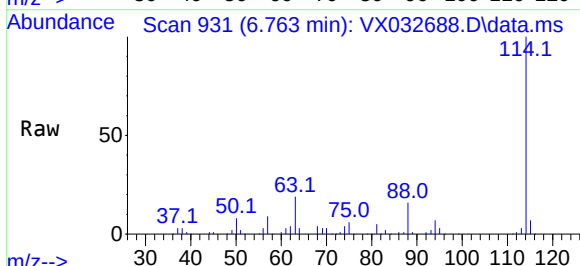
Tgt Ion: 114 Resp: 182440

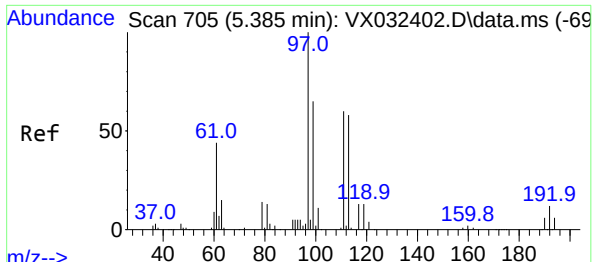
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

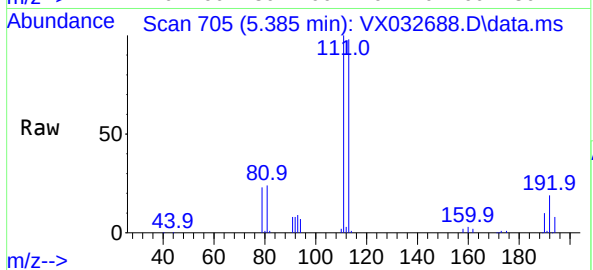
88 15.7 0.0 33.4



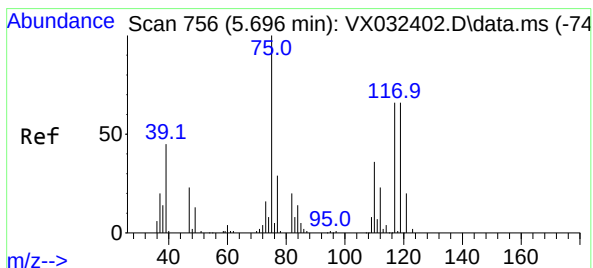
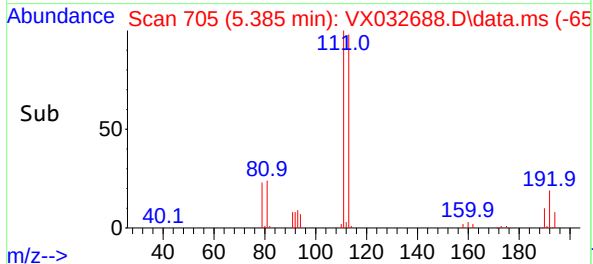
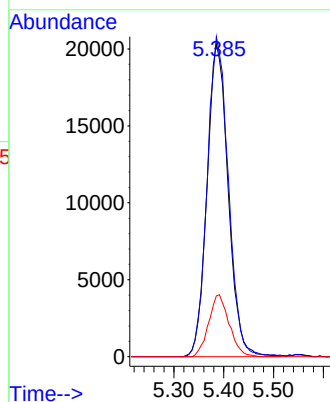


#35
Dibromofluoromethane
Concen: 45.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-8

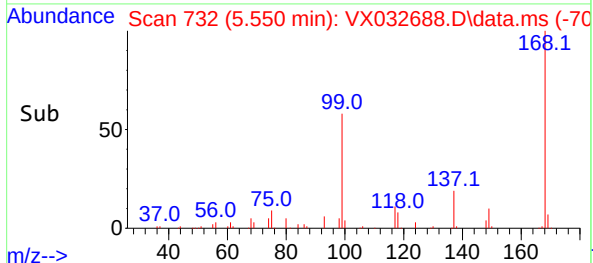
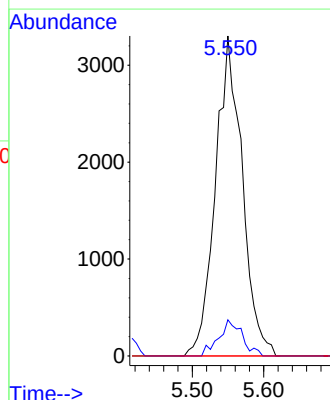
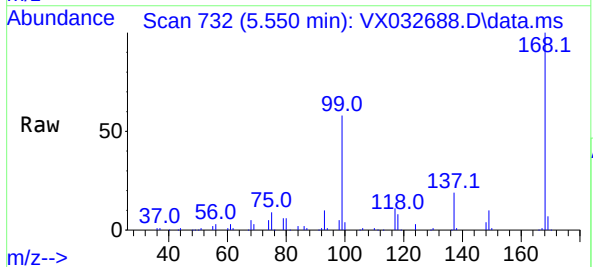


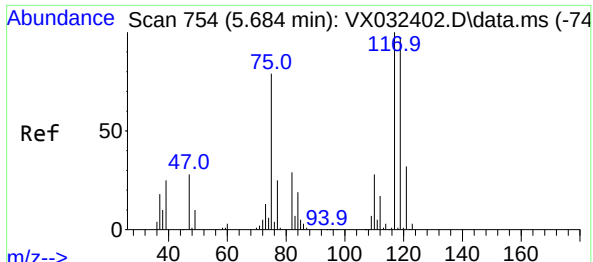
Tgt Ion:113 Resp: 59824
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 75 Resp: 8588
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#

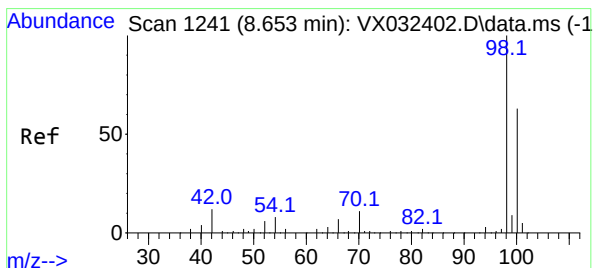
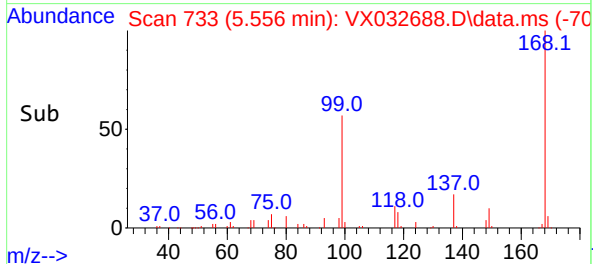
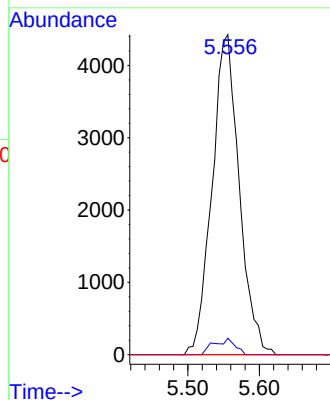
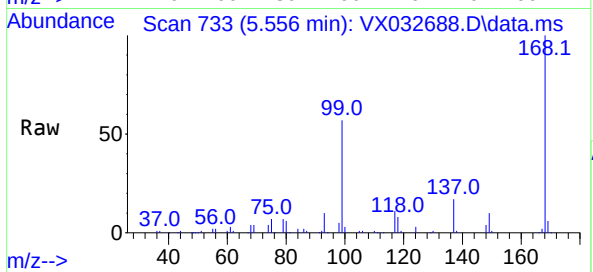




#38
Carbon Tetrachloride
Concen: 5.817 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

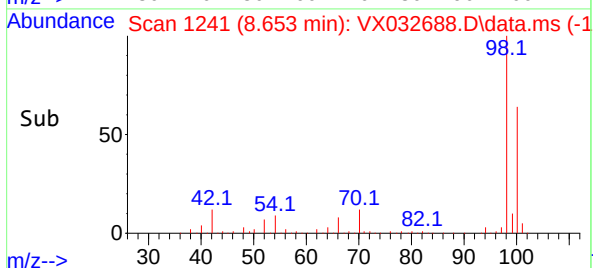
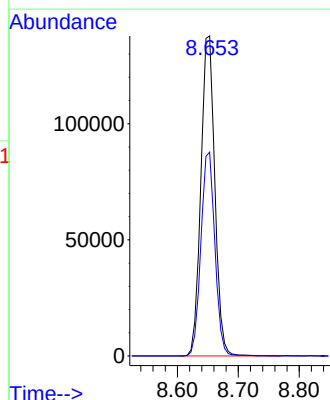
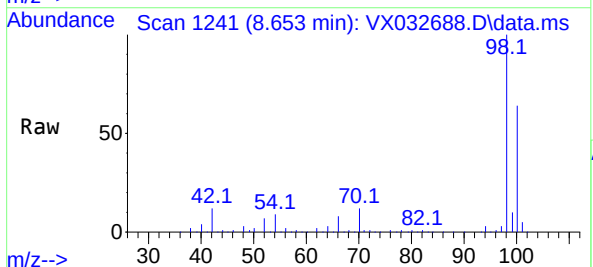
Instrument :
MSVOA_X
ClientSampleId :
MW-8

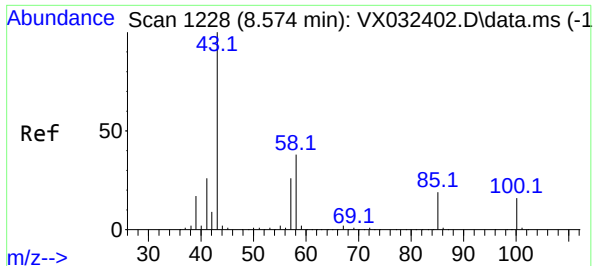
Tgt Ion:117 Resp: 11692
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.613 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 98 Resp: 219981
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

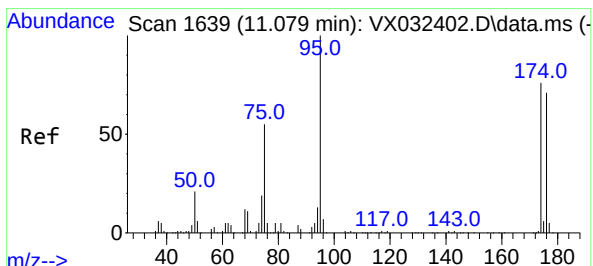
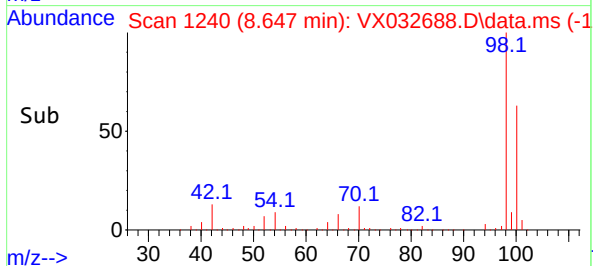
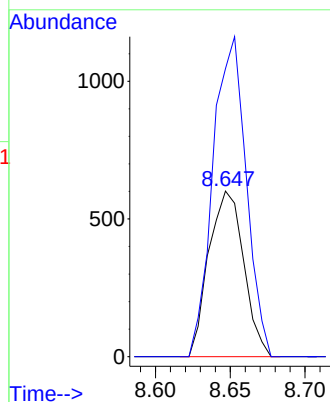
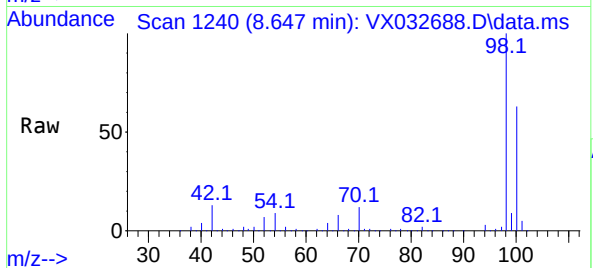




#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

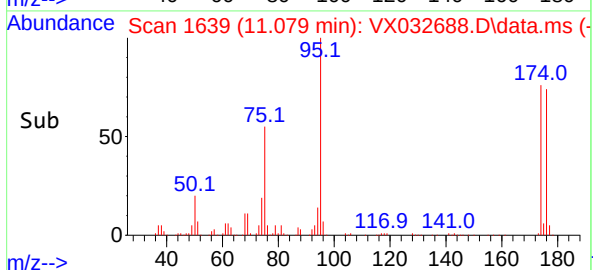
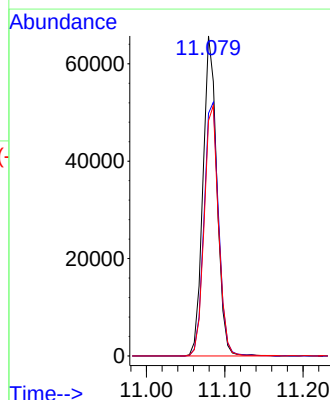
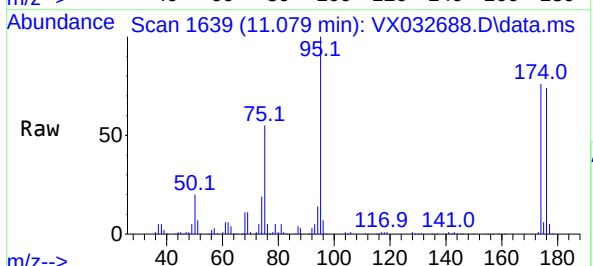
Instrument :
MSVOA_X
ClientSampleId :
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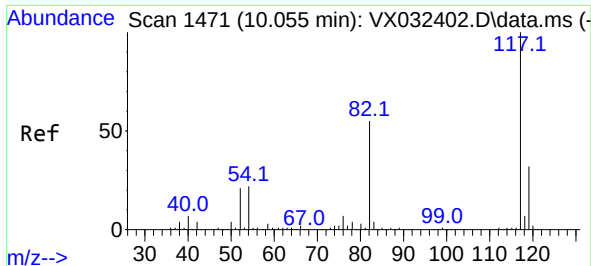
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 183.8 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 95 Resp: 81062
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 80.6 0.0 154.4

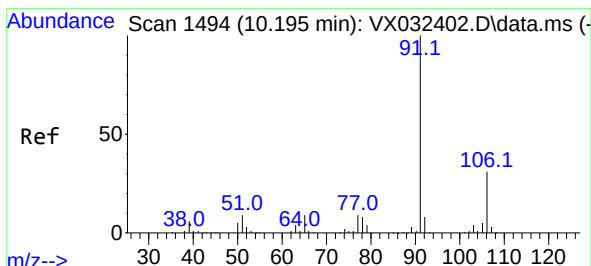
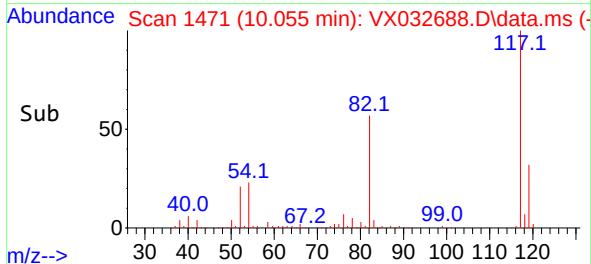
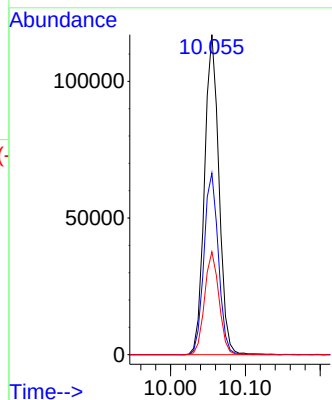
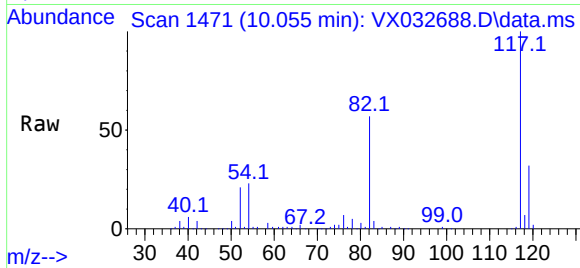




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

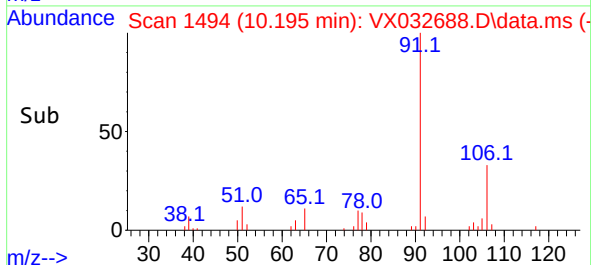
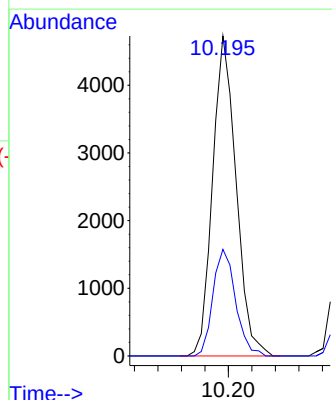
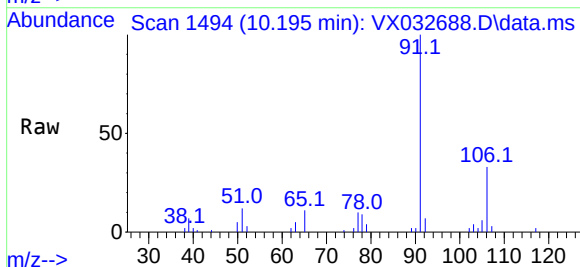
Instrument :
MSVOA_X
ClientSampleId :
MW-8

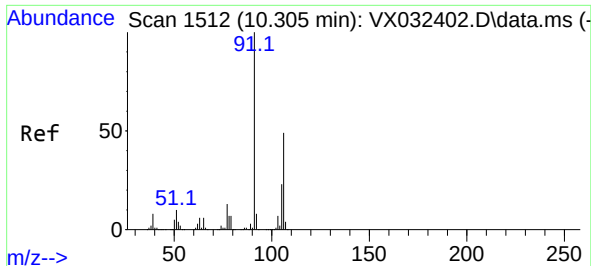
Tgt Ion:117 Resp: 156855
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 1.044 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 91 Resp: 6560
Ion Ratio Lower Upper
91 100
106 33.3 25.0 37.6

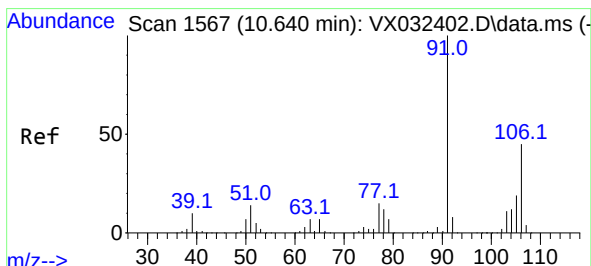
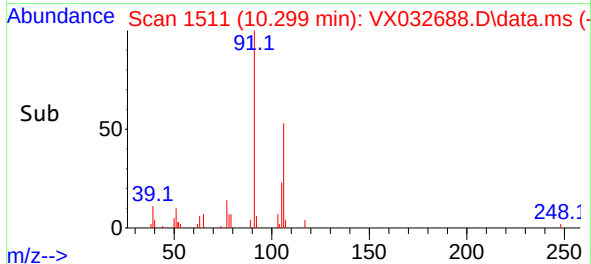
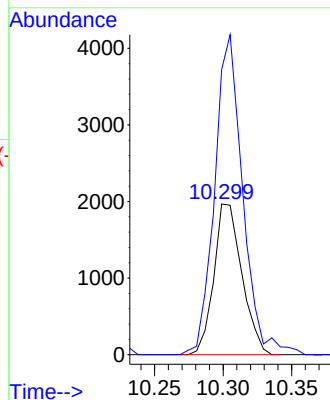
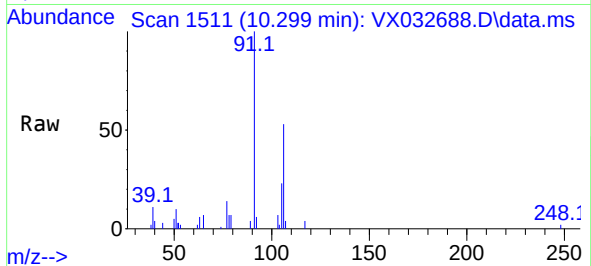




#68
m/p-Xylenes
Concen: 1.147 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

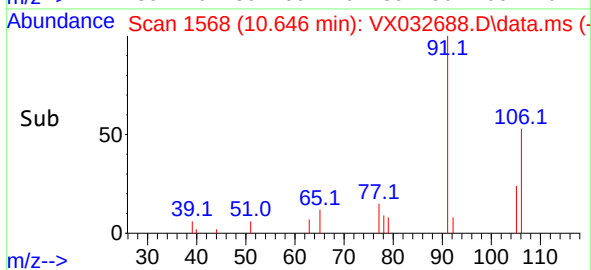
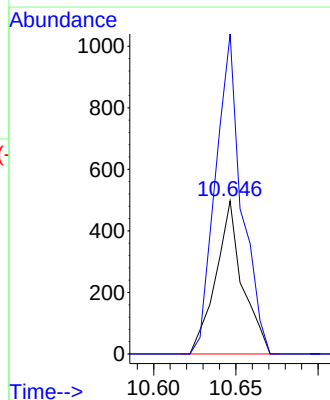
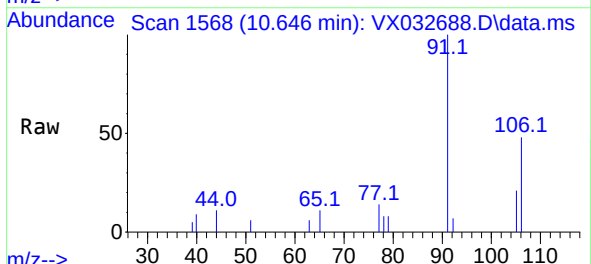
Instrument :
MSVOA_X
ClientSampleId :
MW-8

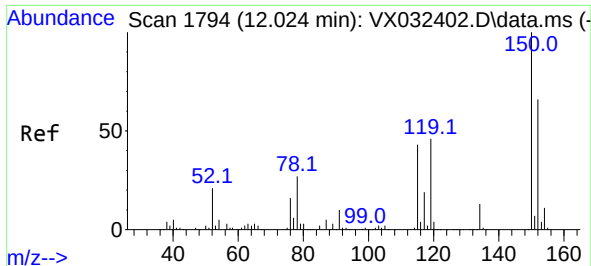
Tgt Ion:106 Resp: 2798
Ion Ratio Lower Upper
106 100
91 212.8 164.5 246.7



#69
o-Xylene
Concen: 0.237 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion:106 Resp: 562
Ion Ratio Lower Upper
106 100
91 205.9 109.2 327.6

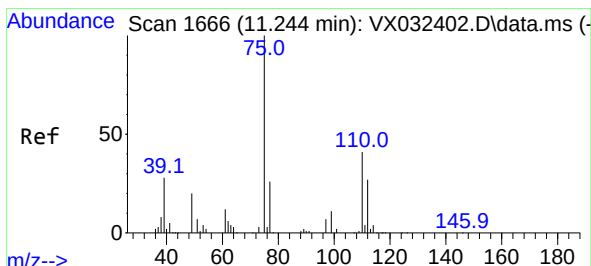
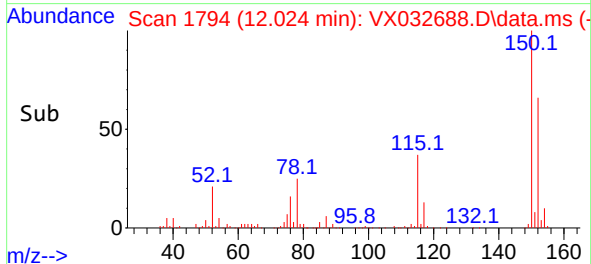
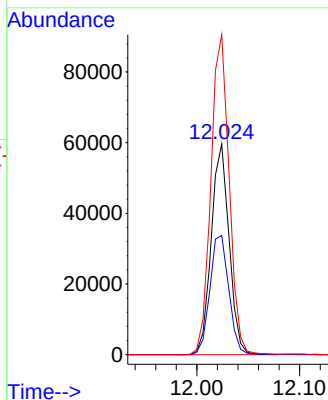
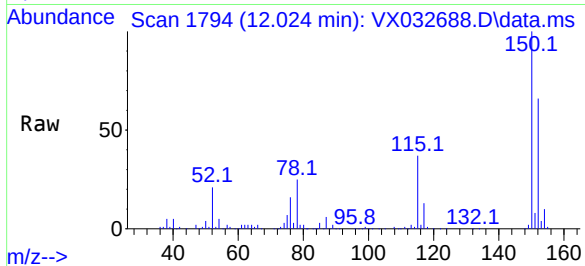




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

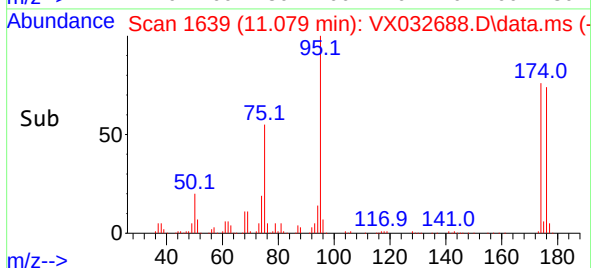
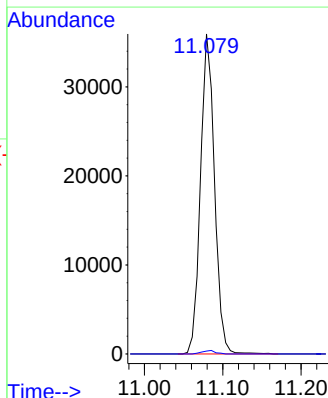
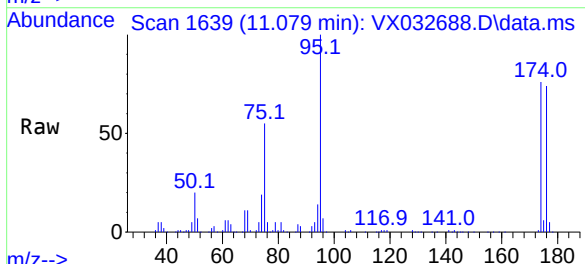
Instrument :
MSVOA_X
ClientSampleId :
MW-8

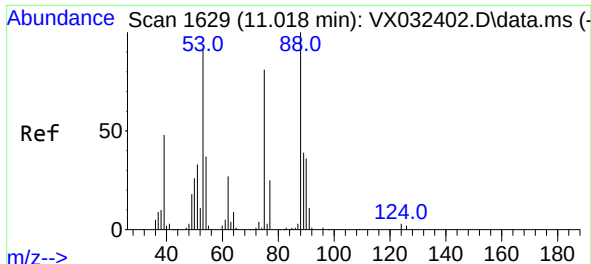
Tgt Ion:152 Resp: 71886
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 155.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 75 Resp: 44648
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

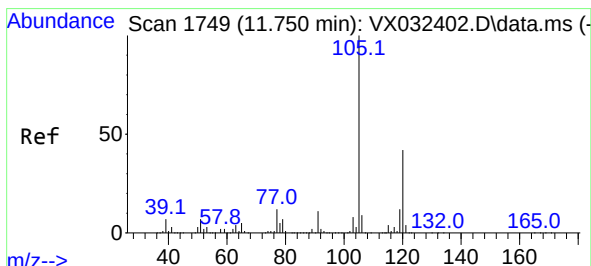
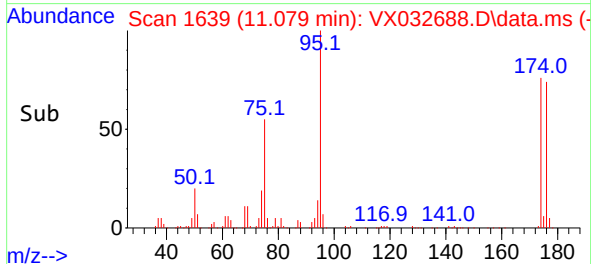
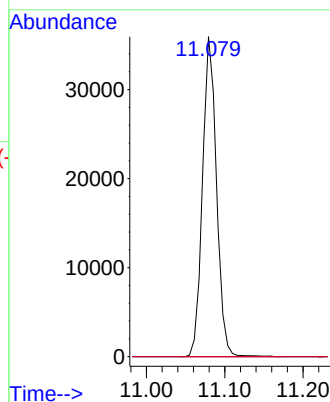
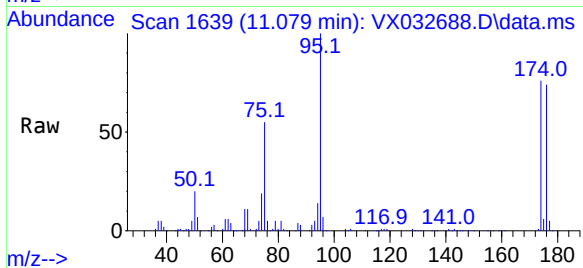




#81
trans-1,4-Dichloro-2-butene
Concen: 88.834 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

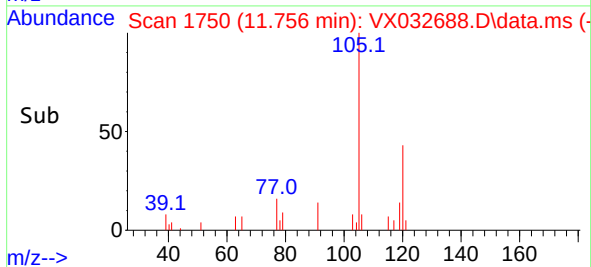
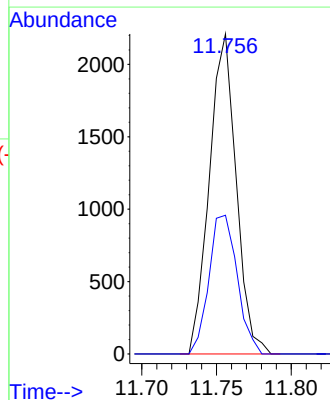
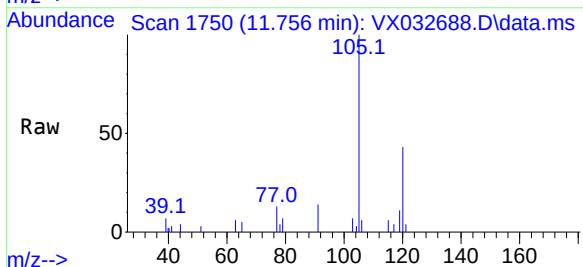
Instrument :
MSVOA_X
ClientSampleId :
MW-8

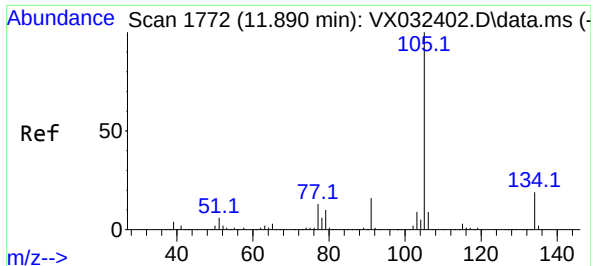
Tgt Ion: 75 Resp: 44648
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.570 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 105 Resp: 2760
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.5





#85

sec-Butylbenzene

Concen: 0.472 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.134 min

Lab File: VX032688.D

Acq: 09 Nov 2022 18:34

Instrument :

MSVOA_X

ClientSampleId :

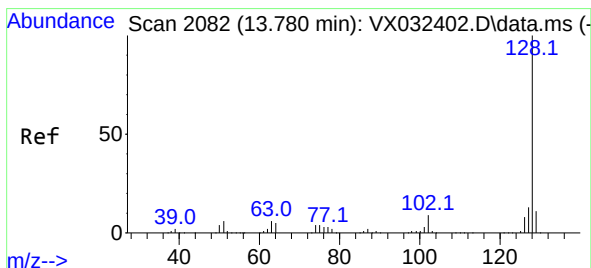
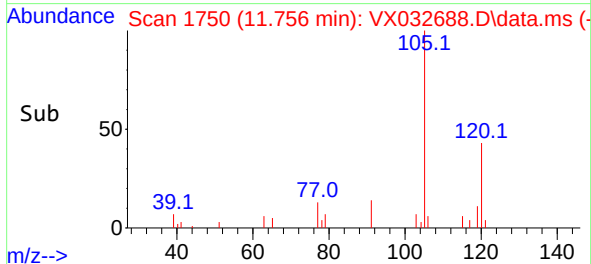
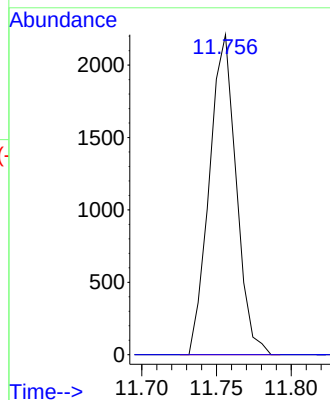
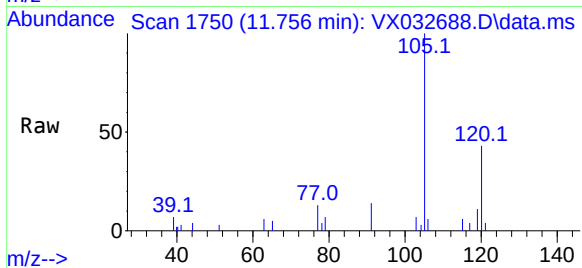
MW-8

Tgt Ion:105 Resp: 2760

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#



#95

Naphthalene

Concen: 0.541 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032688.D

Acq: 09 Nov 2022 18:34

Tgt Ion:128 Resp: 3052

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 9.8 8.9 13.3

