

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033050.D
 Acq On : 24 Nov 2022 09:30
 Operator : JC/MD
 Sample : N5742-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Nov 25 06:39:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

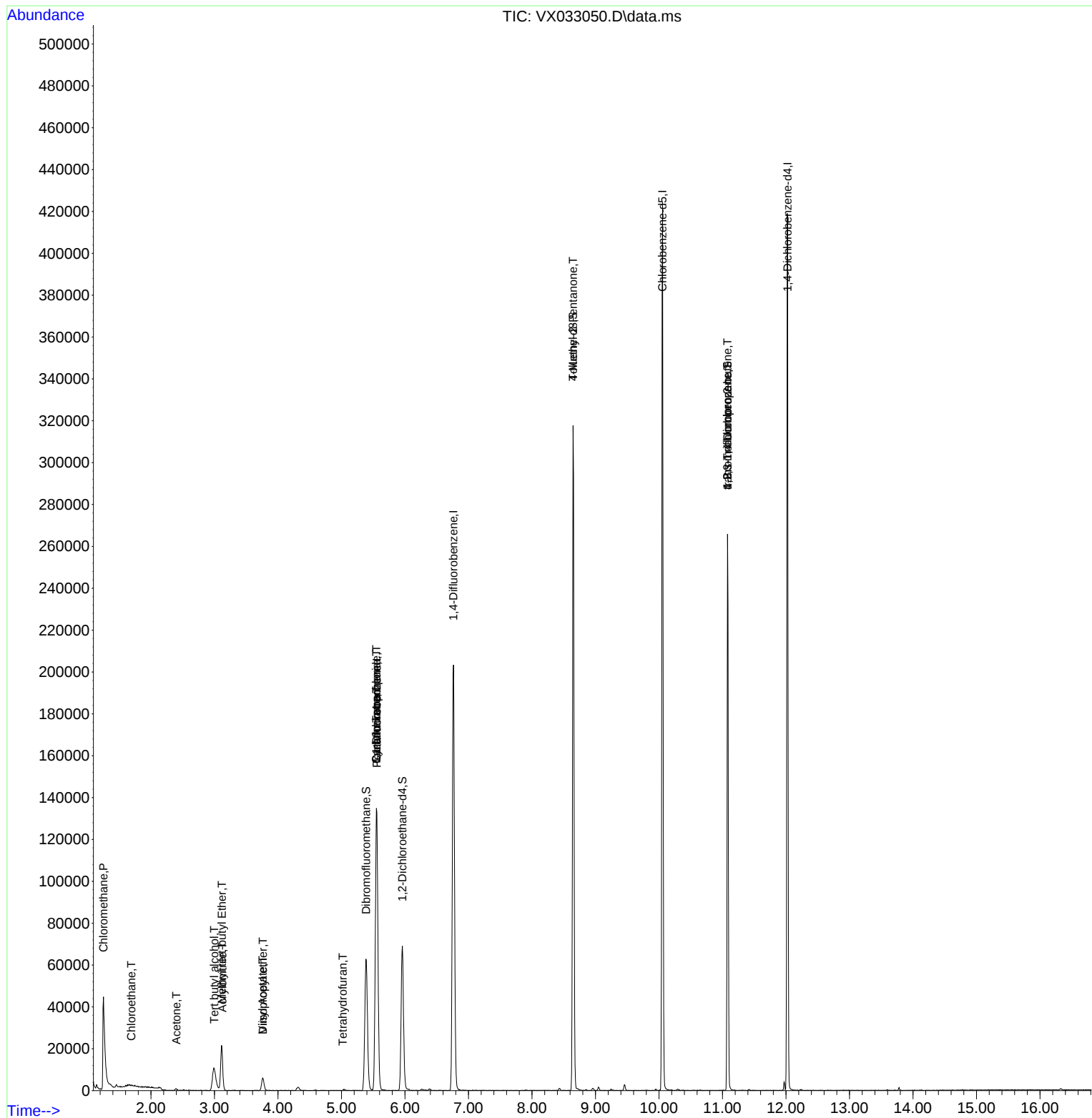
Internal Standards						
1) Pentafluorobenzene	5.556	168	127637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69164	55.820	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.640%			
35) Dibromofluoromethane	5.385	113	54145	45.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.440%			
50) Toluene-d8	8.647	98	187593	52.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.540%			
62) 4-Bromofluorobenzene	11.079	95	67623	43.472	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.940%			
Target Compounds						Qvalue
3) Chloromethane	1.252	50	1847	1.755	ug/l #	43
6) Chloroethane	1.691	64	338	0.354	ug/l #	56
11) Tert butyl alcohol	2.995	59	20519	104.137	ug/l	98
15) Acrylonitrile	3.123	53	217	0.389	ug/l #	14
16) Acetone	2.398	43	1142	1.967	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	22318	5.778	ug/l	97
20) Methylene Chloride	2.794	84	25	Below Cal	#	43
22) Diisopropyl ether	3.764	45	6236	1.593	ug/l #	83
23) Vinyl Acetate	3.758	43	3704	1.208	ug/l #	72
29) Tetrahydrofuran	5.019	42	123	0.242	ug/l #	31
31) Cyclohexane	5.550	56	2829	1.405	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	9896	5.226	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13339	6.350	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	828	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36627	22.233	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36627	72.266	ug/l #	6

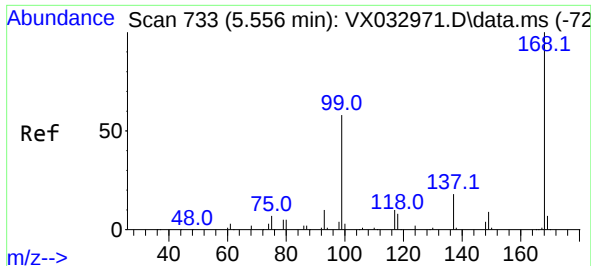
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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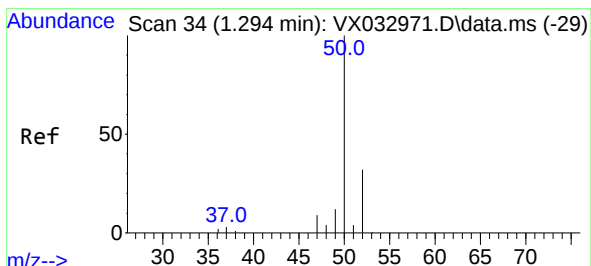
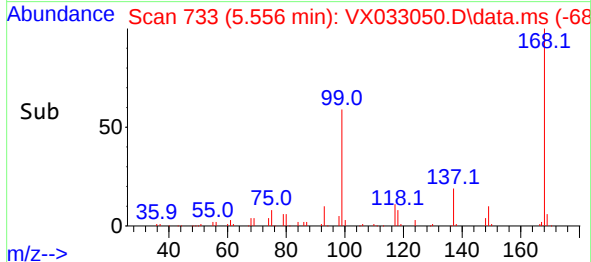
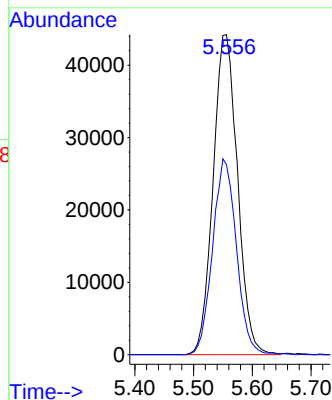
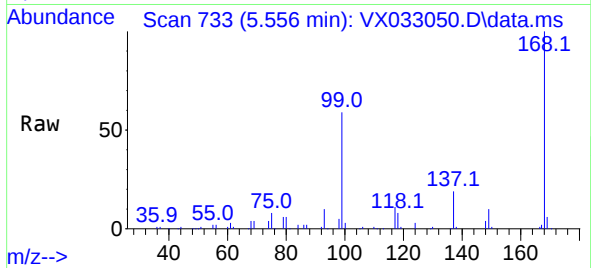




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

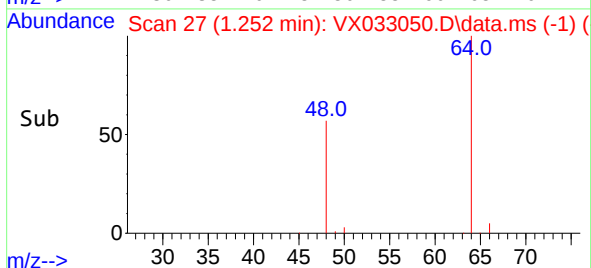
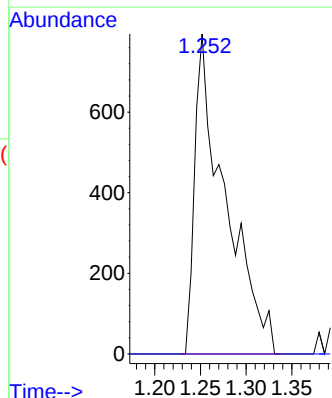
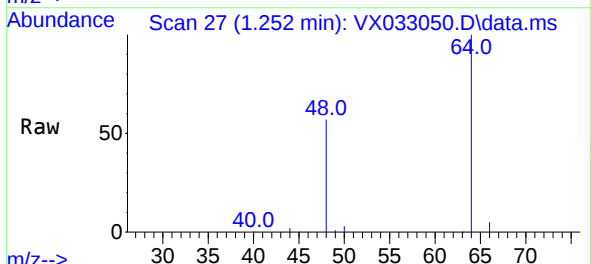
Instrument :
MSVOA_X
ClientSampleId :
MW-44

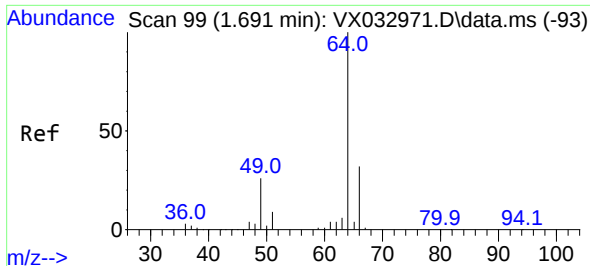
Tgt Ion:168 Resp: 127637
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#3
Chloromethane
Concen: 1.755 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 50 Resp: 1847
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

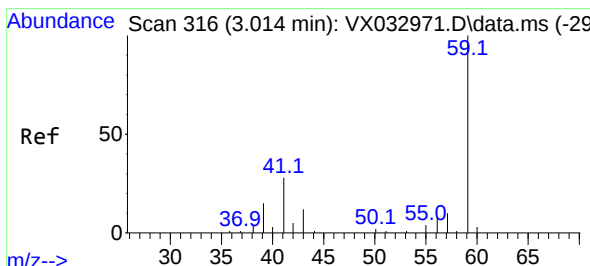
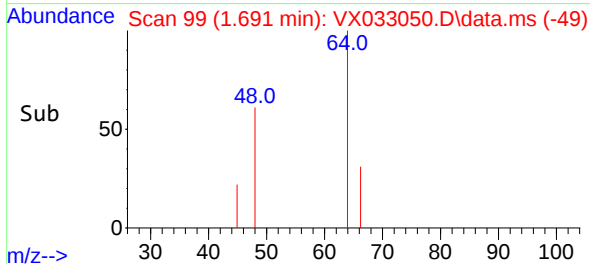
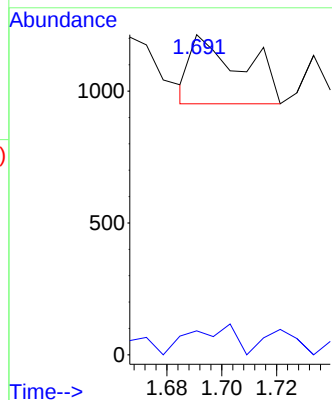
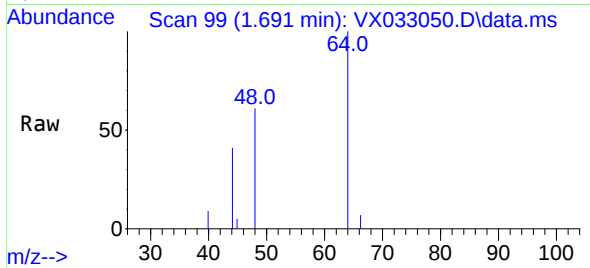




#6
Chloroethane
Concen: 0.354 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

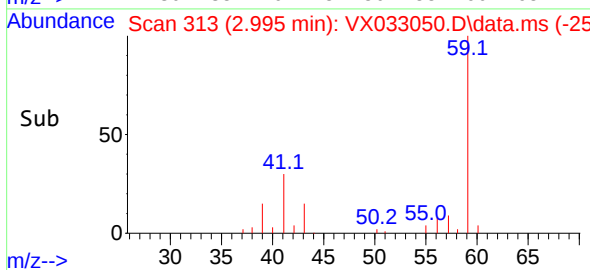
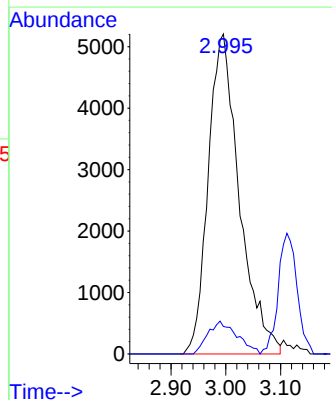
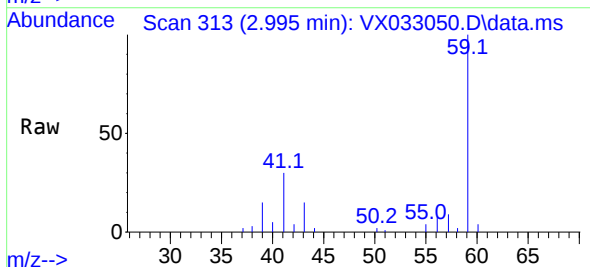
Instrument :
MSVOA_X
ClientSampleId :
MW-44

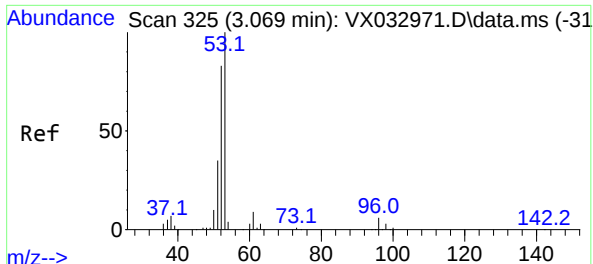
Tgt Ion: 64 Resp: 338
Ion Ratio Lower Upper
64 100
66 7.6 26.0 39.0#



#11
Tert butyl alcohol
Concen: 104.137 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 59 Resp: 20519
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

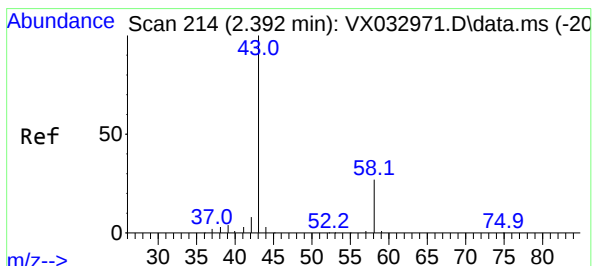
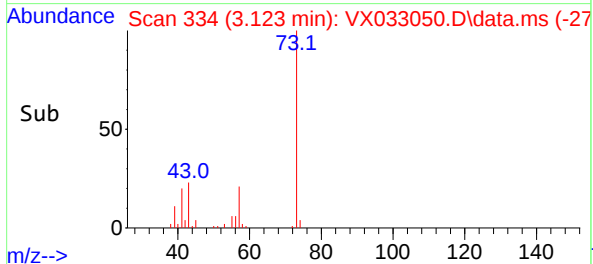
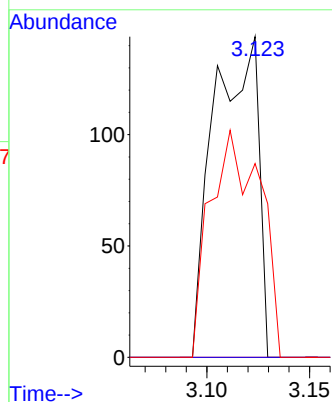
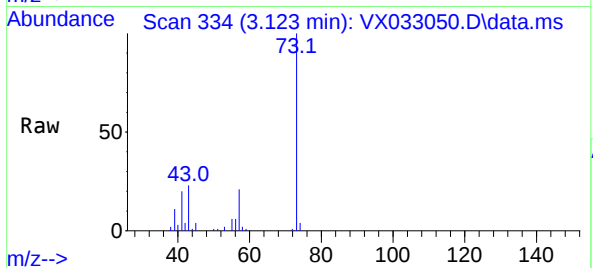




#15
Acrylonitrile
Concen: 0.389 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.061 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

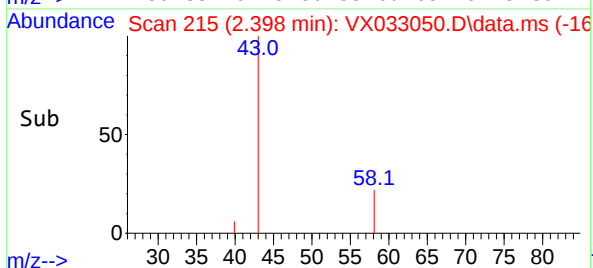
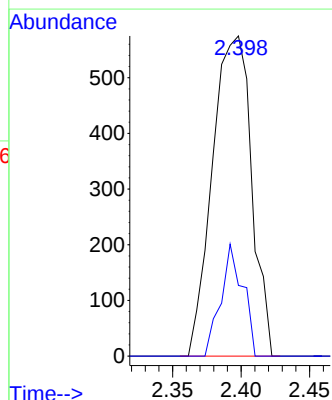
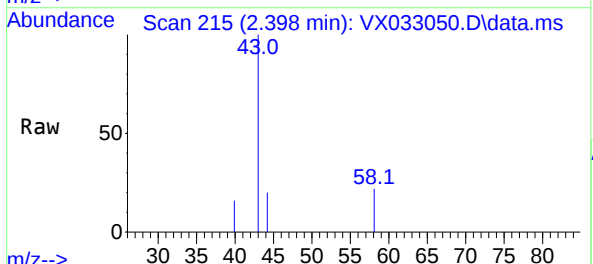
Instrument :
MSVOA_X
ClientSampleId :
MW-44

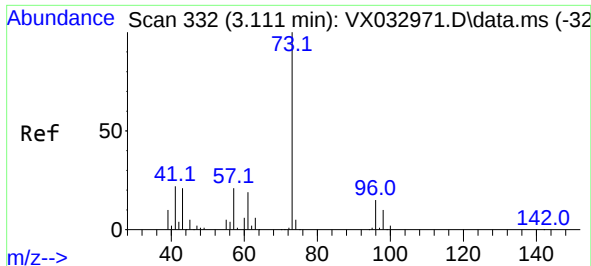
Tgt Ion: 53 Resp: 217
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 79.7 30.3 45.5#



#16
Acetone
Concen: 1.967 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 22.1 23.8 35.8#

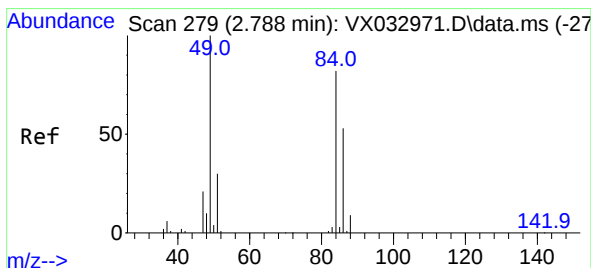
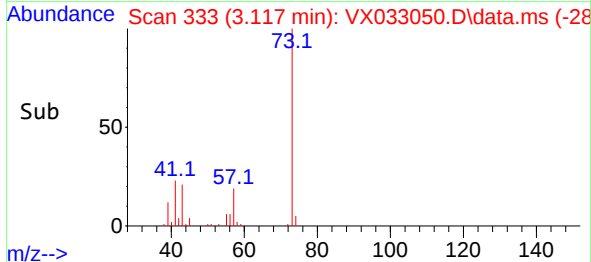
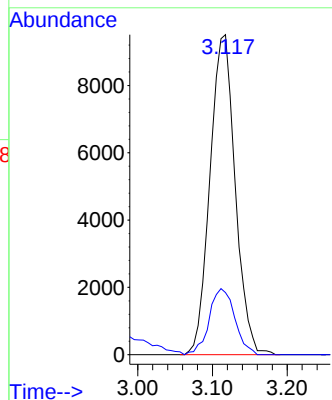
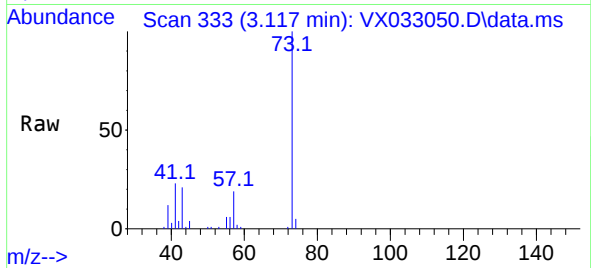




#19
Methyl tert-butyl Ether
Concen: 5.778 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

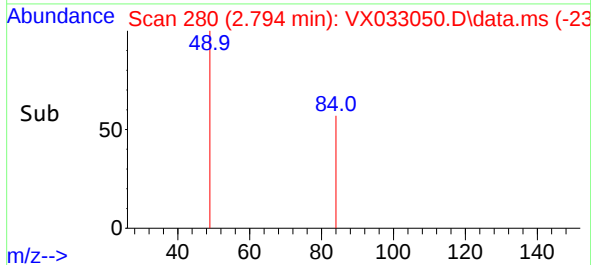
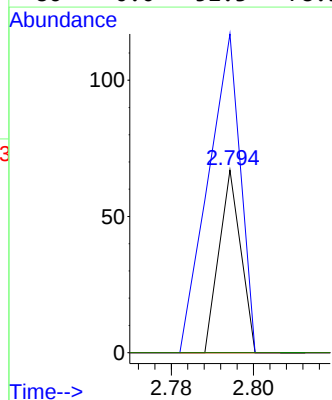
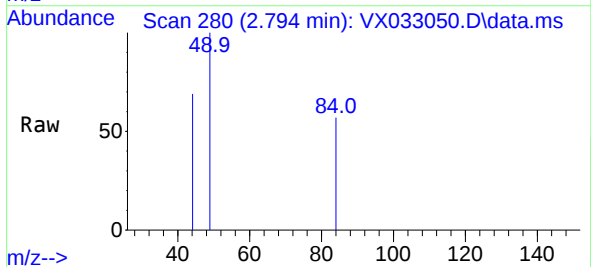
Instrument :
MSVOA_X
ClientSampleId :
MW-44

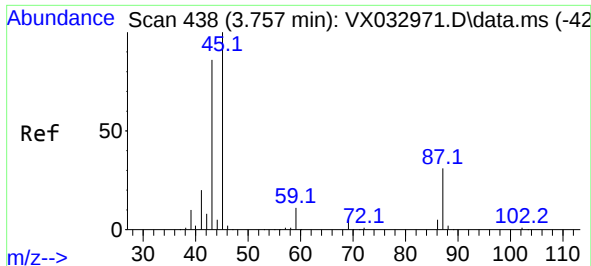
Tgt Ion: 73 Resp: 22318
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 84 Resp: 25
Ion Ratio Lower Upper
84 100
49 174.6 101.0 151.6#
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#

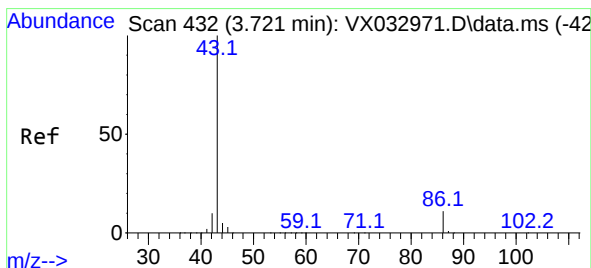
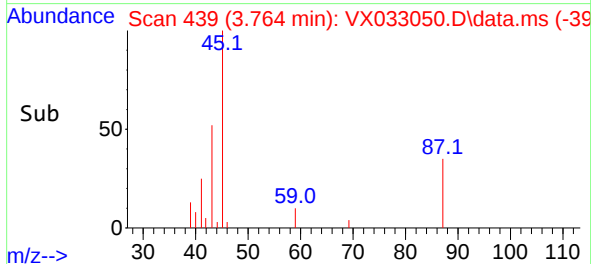
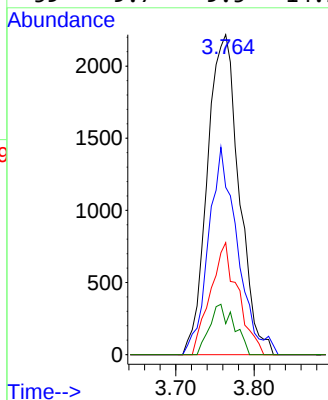
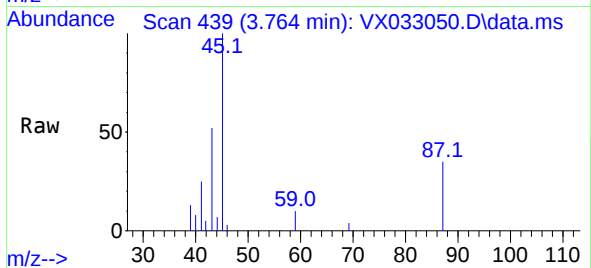




#22
Diisopropyl ether
Concen: 1.593 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

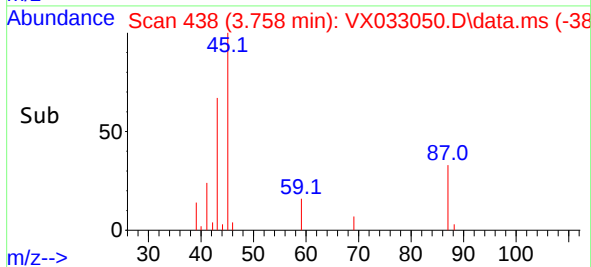
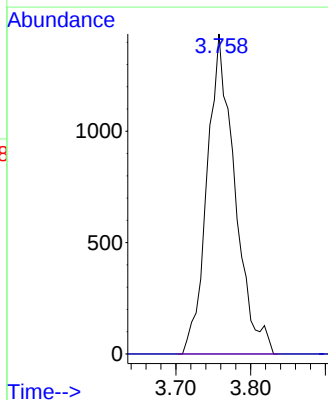
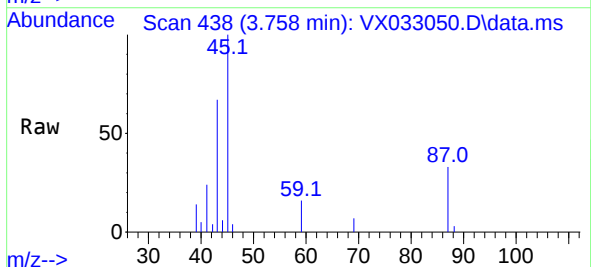
Instrument :
MSVOA_X
ClientSampleId :
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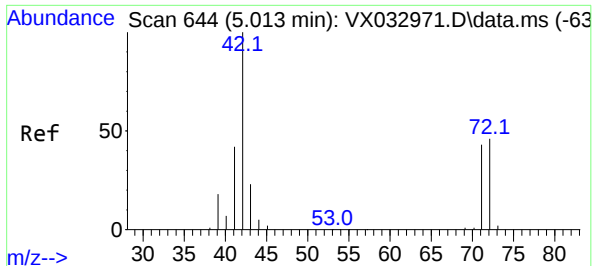
Tgt Ion:	45	Resp:	6236
Ion	Ratio	Lower	Upper
45	100		
43	52.3	56.4	84.6#
87	35.0	24.4	36.6
59	9.7	9.5	14.3



#23
Vinyl Acetate
Concen: 1.208 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.037 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion:	43	Resp:	3704
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#





#29

Tetrahydrofuran

Concen: 0.242 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

Instrument :

MSVOA_X

ClientSampleId :

MW-44

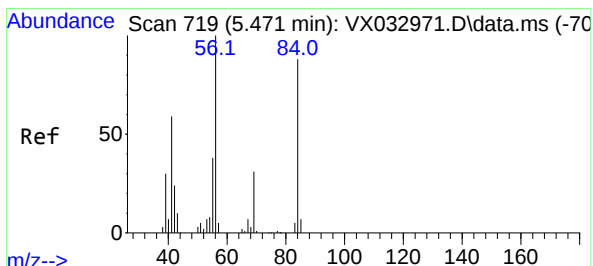
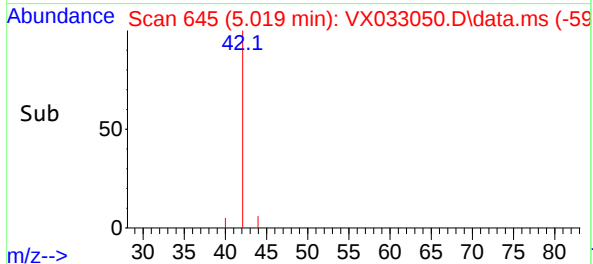
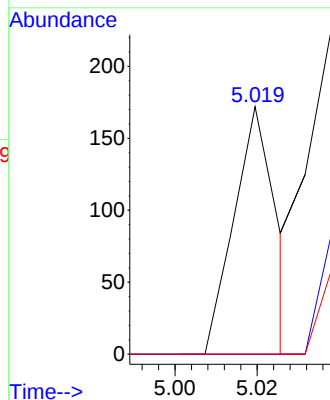
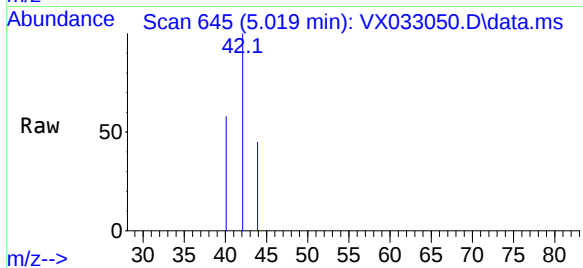
Tgt Ion: 42 Resp: 123

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.405 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

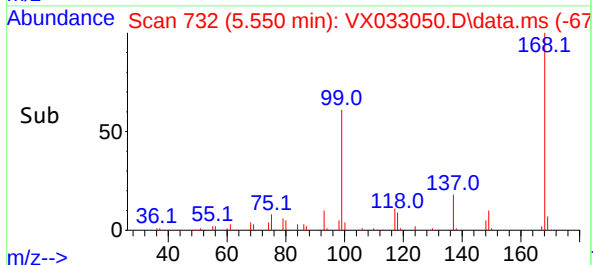
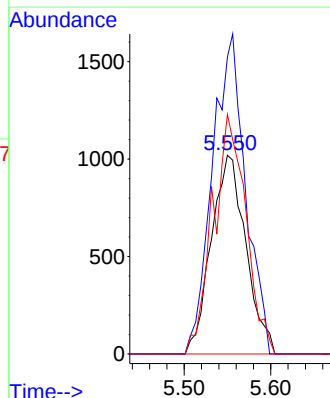
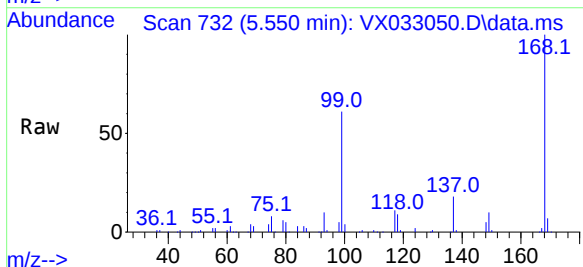
Tgt Ion: 56 Resp: 2829

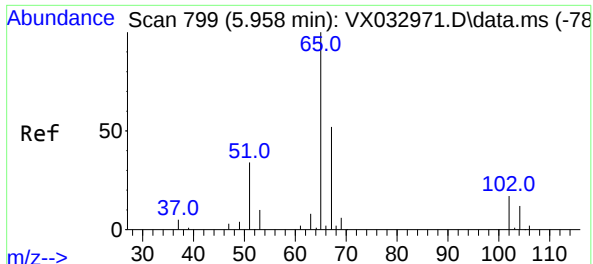
Ion Ratio Lower Upper

56 100

69 149.3 24.1 36.1#

84 120.5 66.9 100.3#

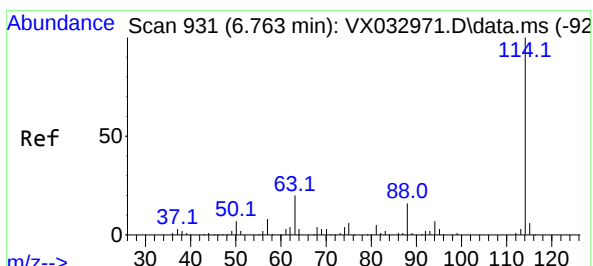
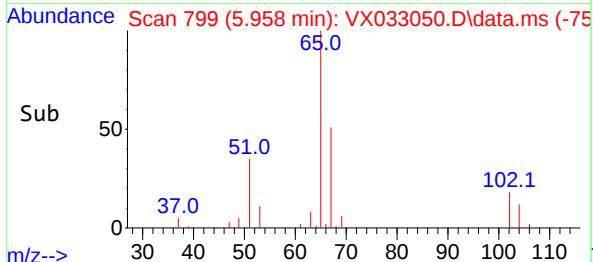
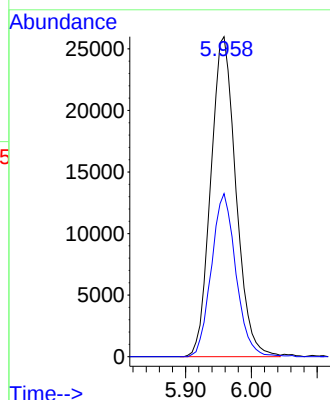
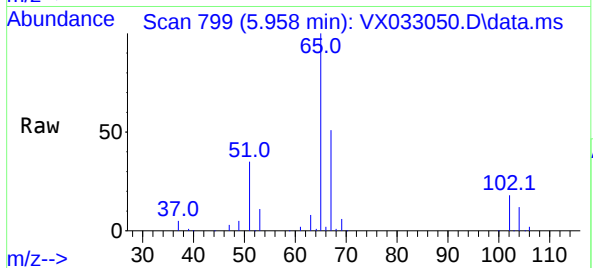




#33
1,2-Dichloroethane-d4
Concen: 55.820 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

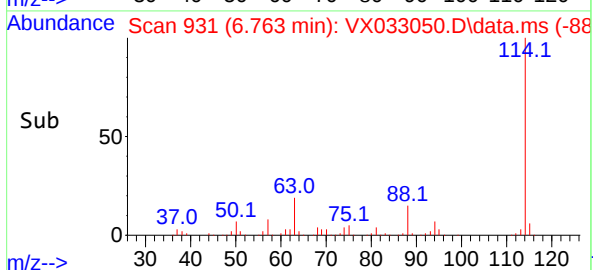
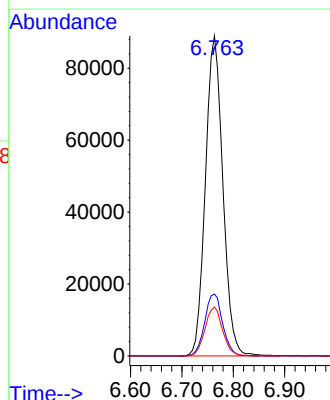
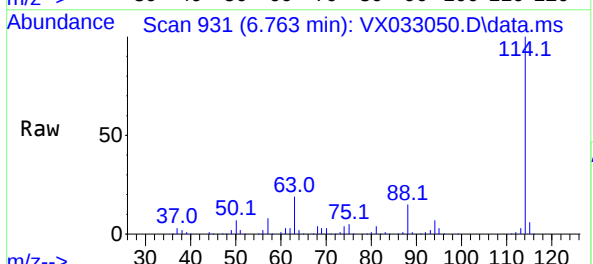
Instrument :
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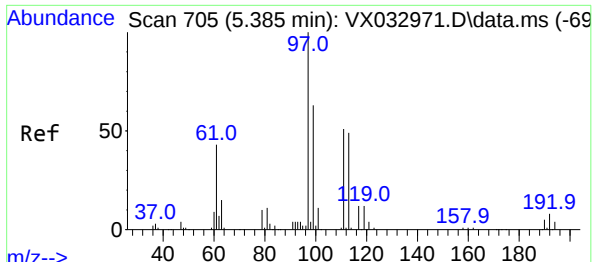
Tgt Ion: 65 Resp: 69164
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 114 Resp: 210049
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.3 0.0 33.4

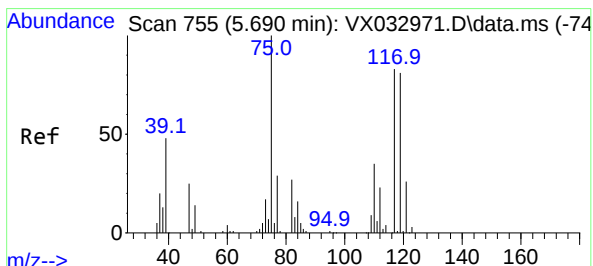
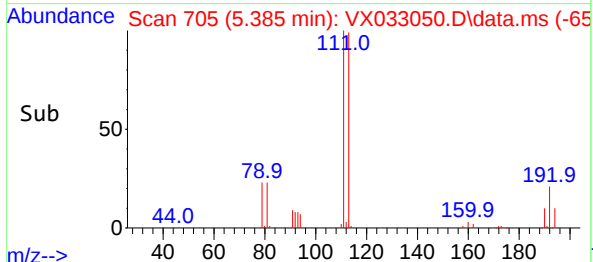
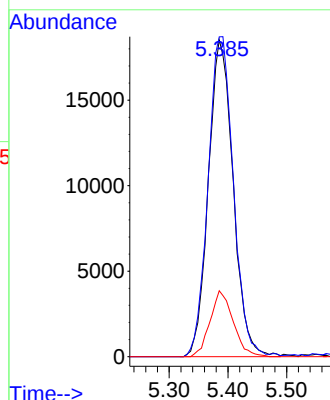
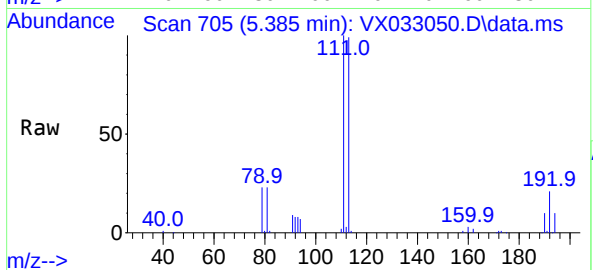




#35
Dibromofluoromethane
Concen: 45.724 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

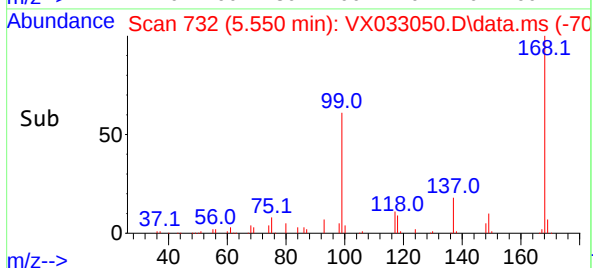
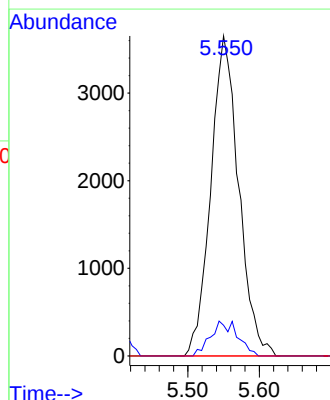
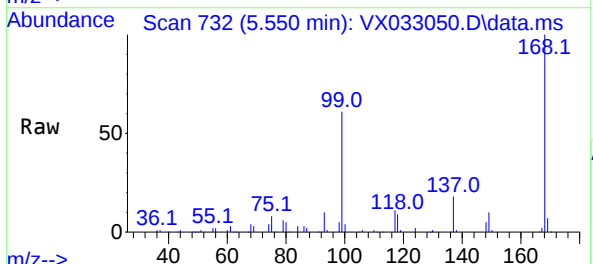
Instrument :
MSVOA_X
ClientSampleId :
MW-44

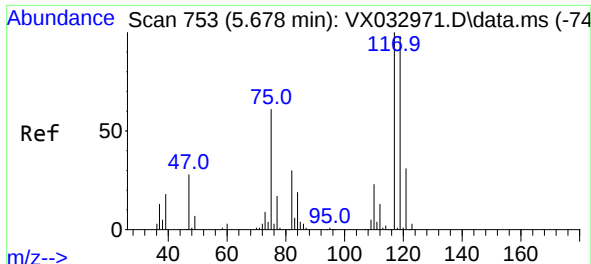
Tgt Ion:	113	Resp:	54145
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.5	15.4	23.2



#36
1,1-Dichloropropene
Concen: 5.226 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion:	75	Resp:	9896
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.4	55.2#
77	0.0	24.5	36.7#

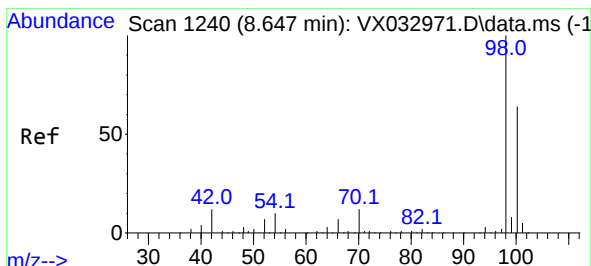
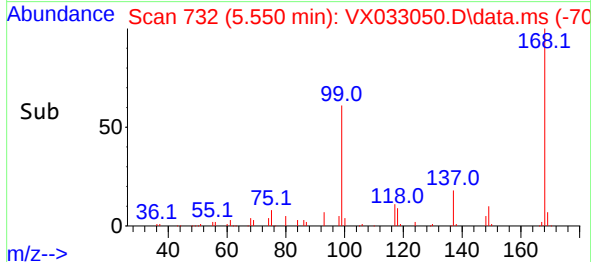
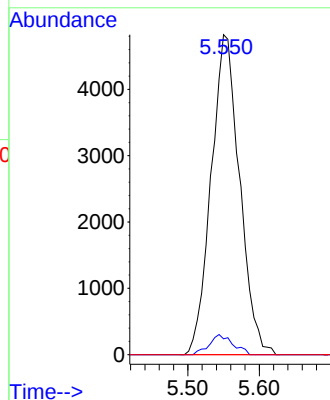
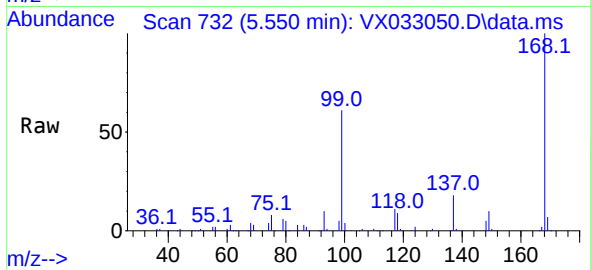




#38
Carbon Tetrachloride
Concen: 6.350 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

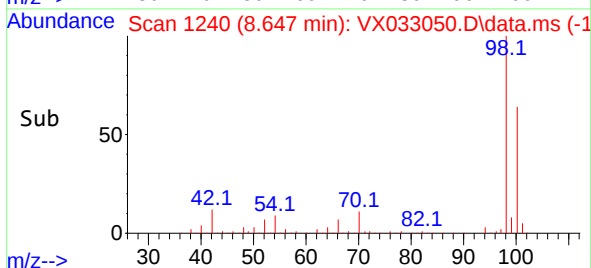
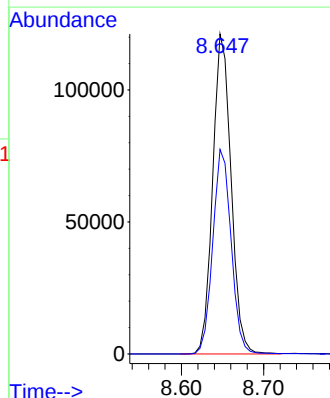
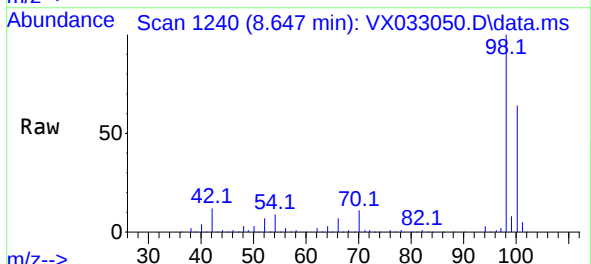
Instrument :
MSVOA_X
ClientSampleId :
MW-44

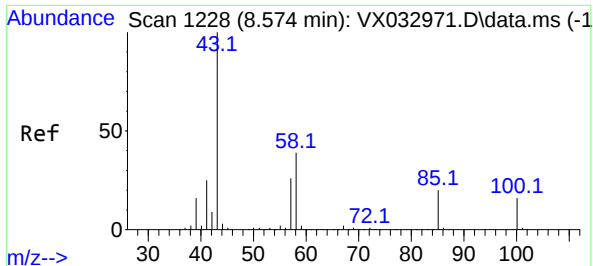
Tgt Ion:117 Resp: 13339
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.770 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 98 Resp: 187593
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.491 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

Instrument :

MSVOA_X

ClientSampleId :

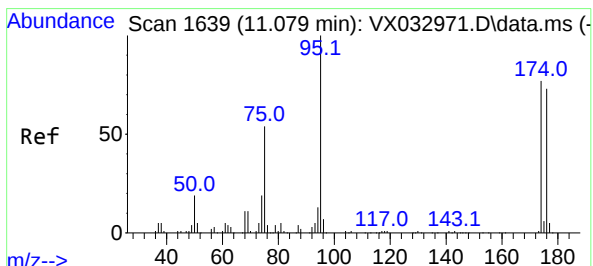
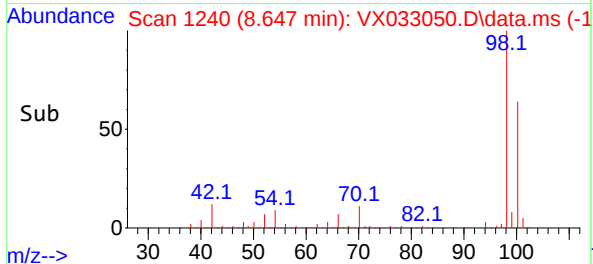
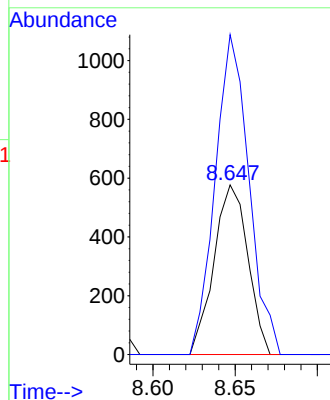
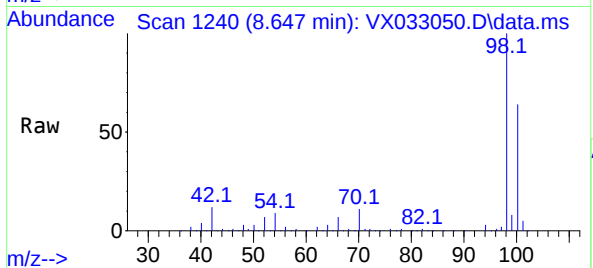
MW-44

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

58 187.6 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 43.472 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

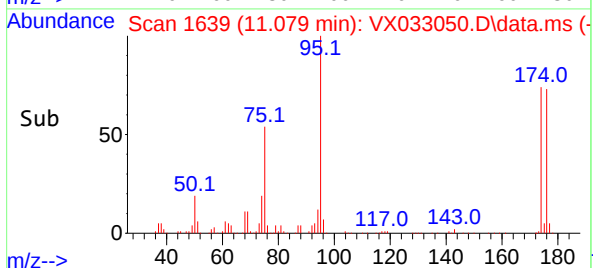
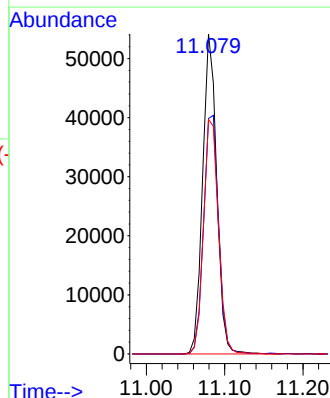
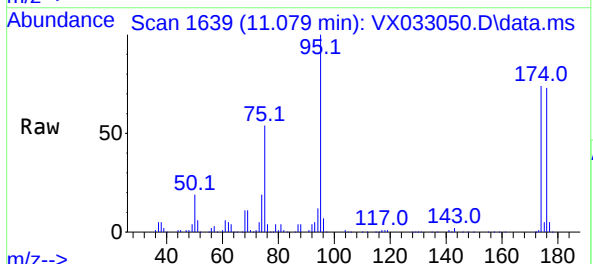
Tgt Ion: 95 Resp: 67623

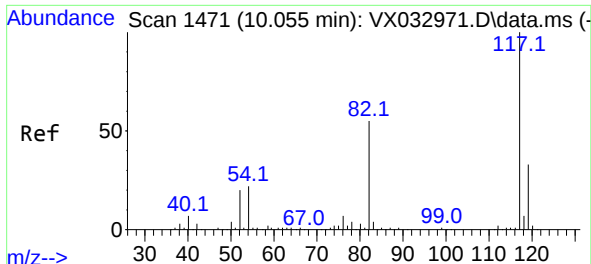
Ion Ratio Lower Upper

95 100

174 79.4 0.0 164.0

176 77.9 0.0 154.4

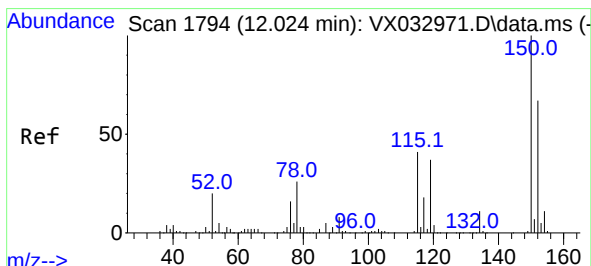
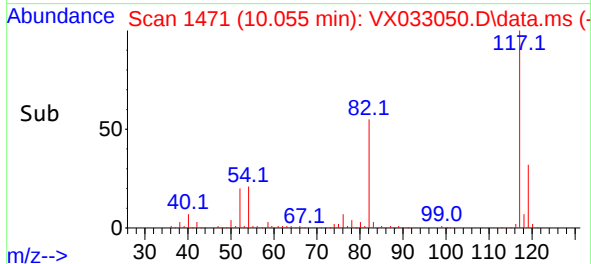
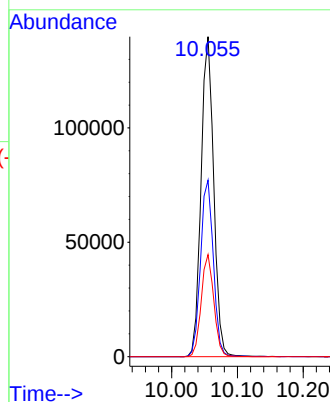
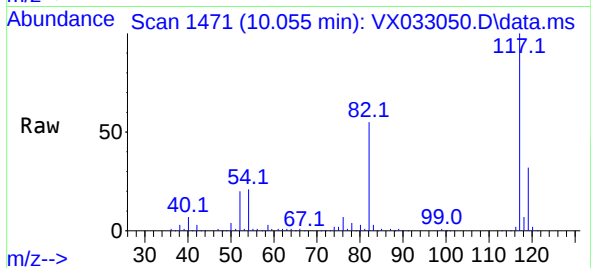




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

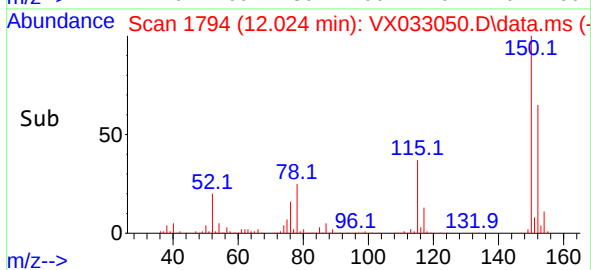
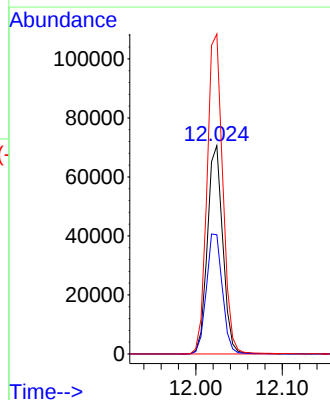
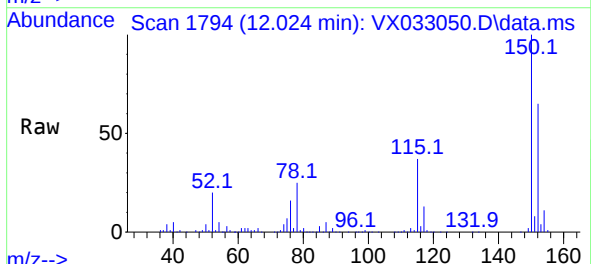
Instrument :
MSVOA_X
ClientSampleId :
MW-44

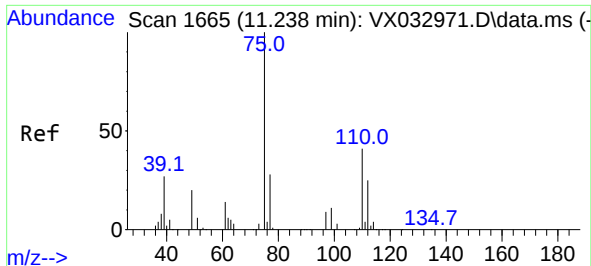
Tgt Ion:117 Resp: 186805
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion:152 Resp: 86990
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 157.1 0.0 351.8

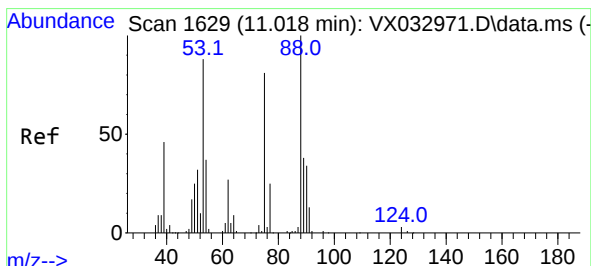
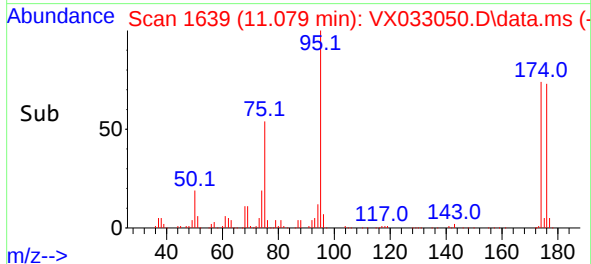
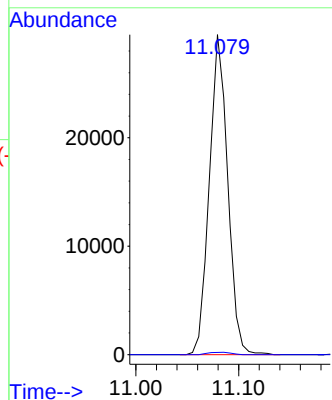
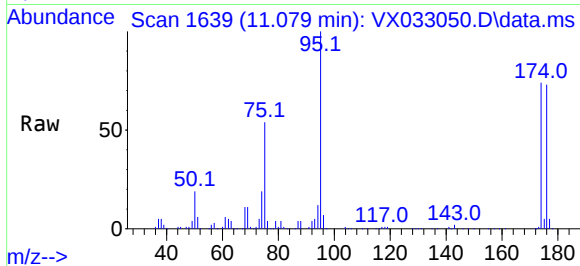




#76
1,2,3-Trichloropropane
Concen: 22.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion: 75 Resp: 36627
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.266 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 75 Resp: 36627
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

