

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033350.D
 Acq On : 09 Dec 2022 16:13
 Operator : JC/MD
 Sample : N5906-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23R

Quant Time: Dec 10 05:56:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

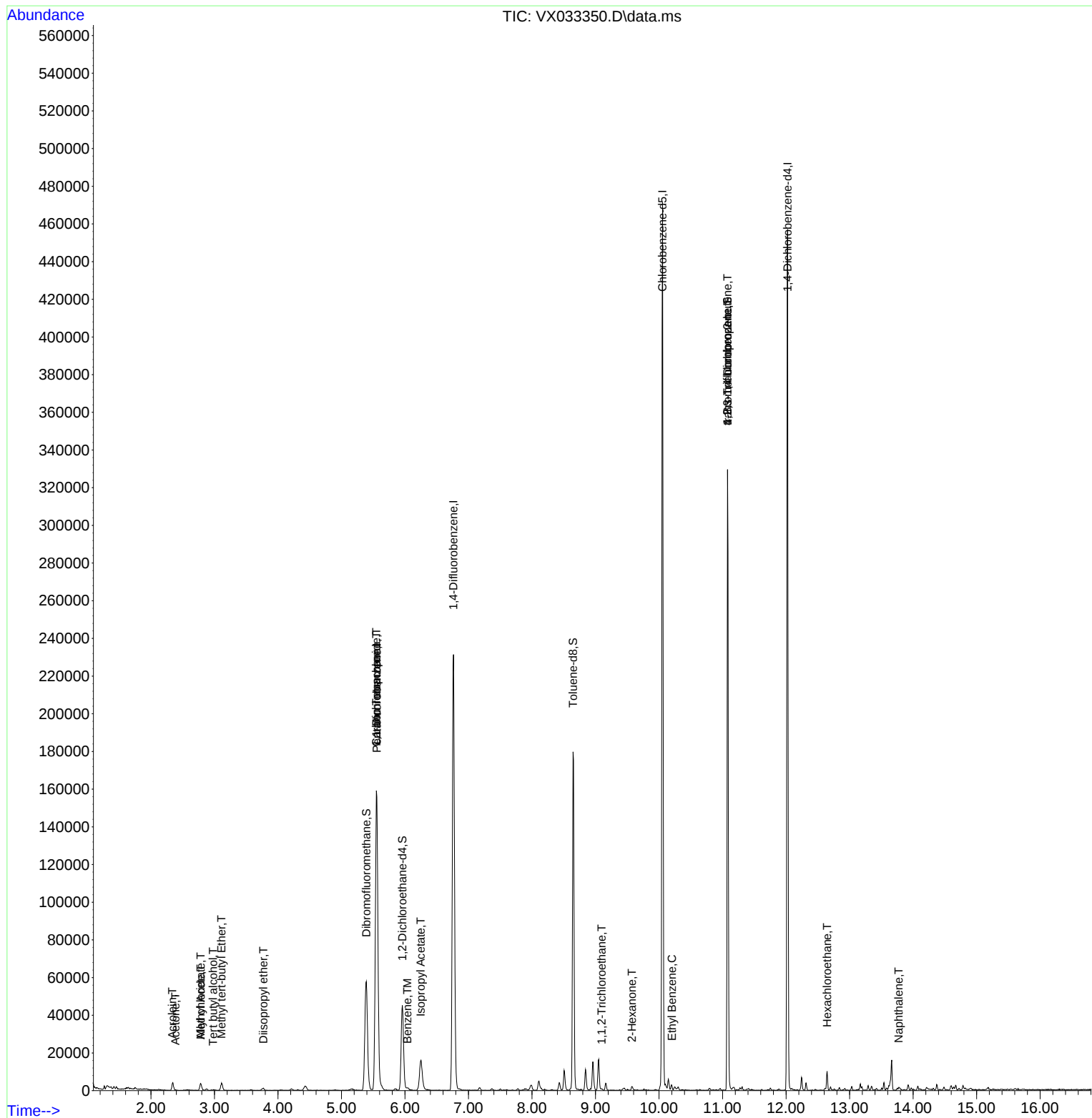
Internal Standards						
1) Pentafluorobenzene	5.556	168	152564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45978	46.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.391	113	52025	47.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	8.647	98	110080	48.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	85909	49.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	672	2.246	ug/l #	72
13) Acrolein	2.337	56	566	1.744	ug/l #	72
14) Allyl chloride	2.782	41	1042	0.472	ug/l #	58
16) Acetone	2.386	43	419	0.579	ug/l	98
18) Methyl Acetate	2.782	43	2538	1.211	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	4049	0.845	ug/l	91
22) Diisopropyl ether	3.770	45	1225	0.259	ug/l #	70
36) 1,1-Dichloropropene	5.550	75	11224	5.261	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15253	6.381	ug/l #	17
40) Benzene	6.038	78	1665	0.268	ug/l	95
43) Isopropyl Acetate	6.245	43	4353	1.341	ug/l #	61
55) 1,1,2-Trichloroethane	9.098	97	349	0.206	ug/l #	15
59) 2-Hexanone	9.573	43	436	0.288	ug/l	97
67) Ethyl Benzene	10.201	91	2080	0.275	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	44137	22.145	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44137	68.885	ug/l #	6
90) Hexachloroethane	12.646	117	3649	3.621	ug/l #	12
95) Naphthalene	13.774	128	1659	0.254	ug/l #	91

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

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Quant Time: Dec 10 05:56:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
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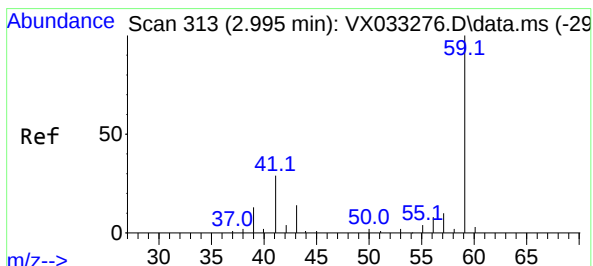
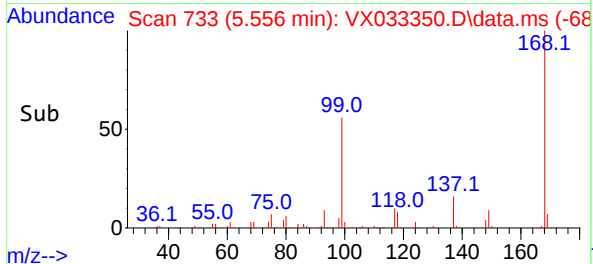
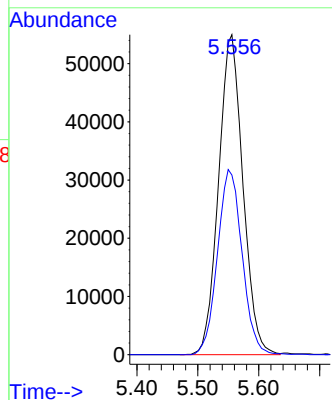
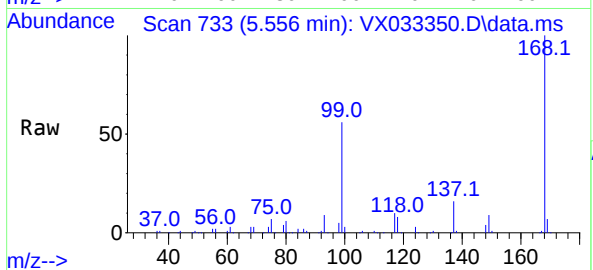




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

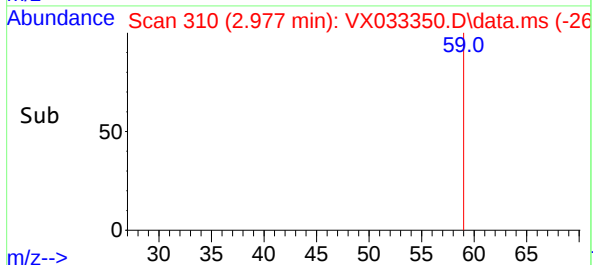
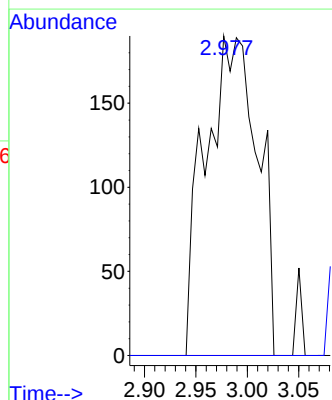
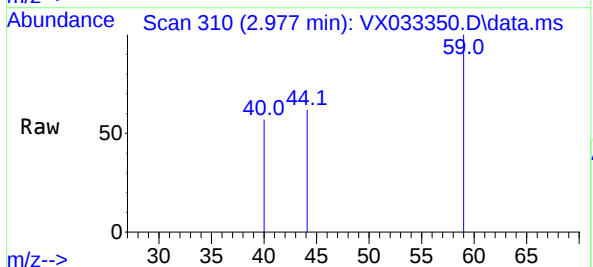
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

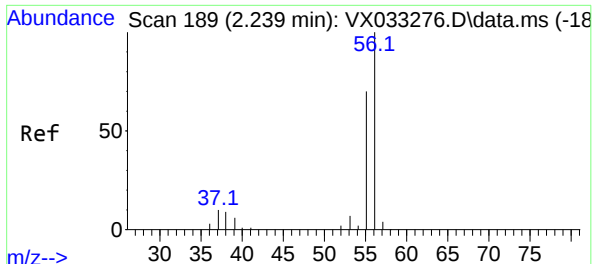
Tgt Ion:168 Resp: 152564
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.246 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 1.744 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.098 min

Lab File: VX033350.D

Acq: 09 Dec 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

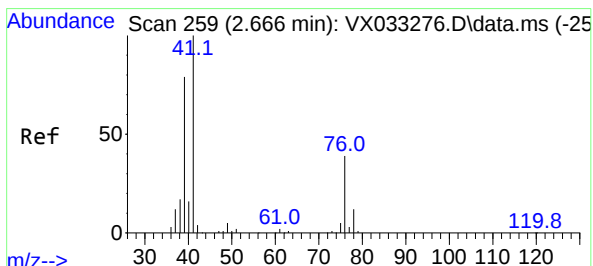
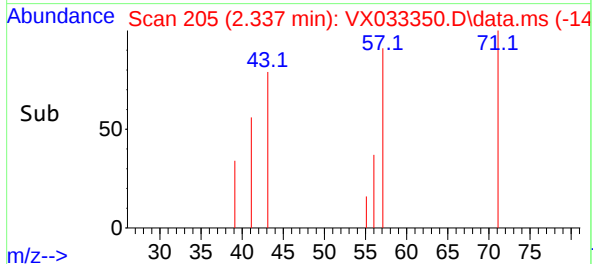
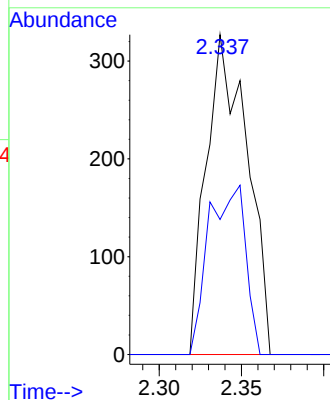
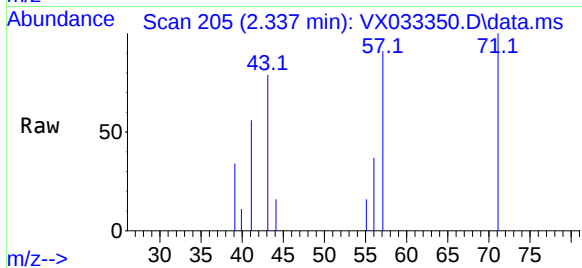
MW-23R

Tgt Ion: 56 Resp: 566

Ion Ratio Lower Upper

56 100

55 47.7 56.9 85.3#



#14

Allyl chloride

Concen: 0.472 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX033350.D

Acq: 09 Dec 2022 16:13

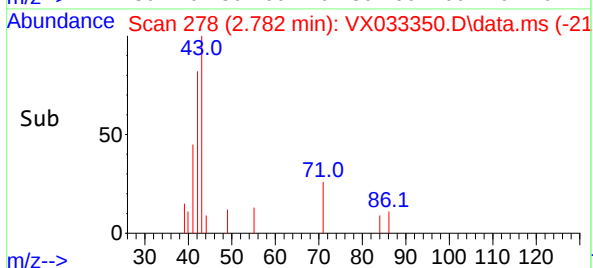
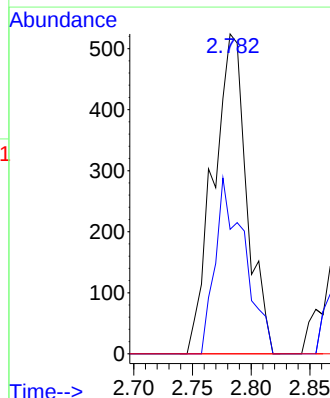
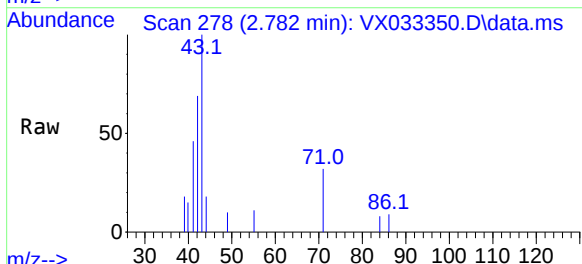
Tgt Ion: 41 Resp: 1042

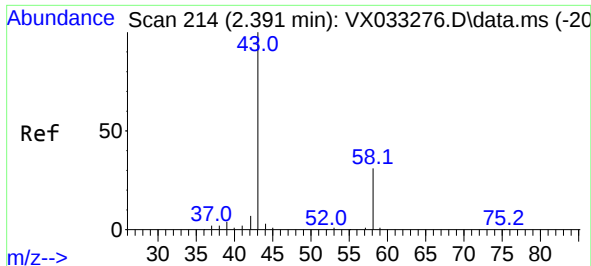
Ion Ratio Lower Upper

41 100

39 48.1 61.4 92.2#

76 0.0 29.2 43.8#

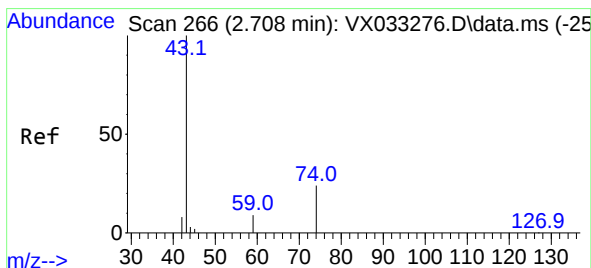
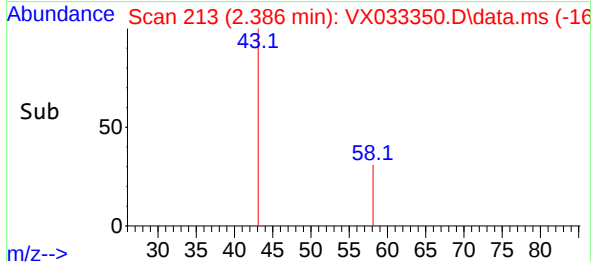
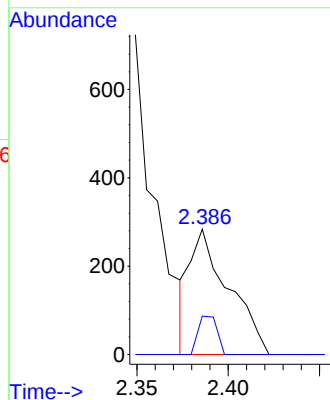
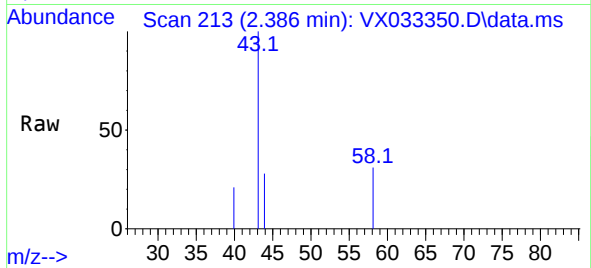




#16
Acetone
Concen: 0.579 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

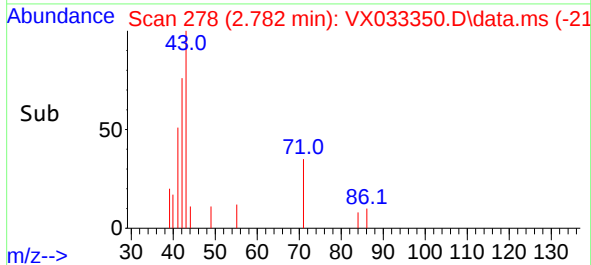
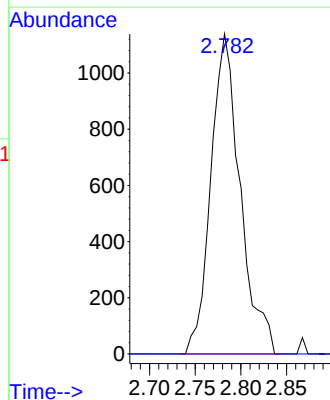
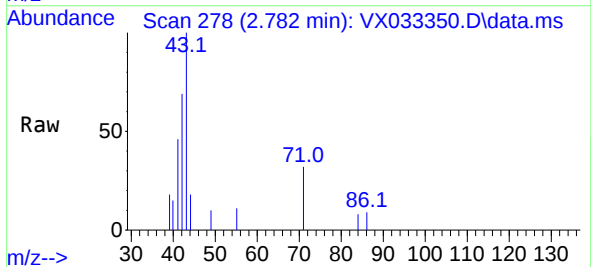
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

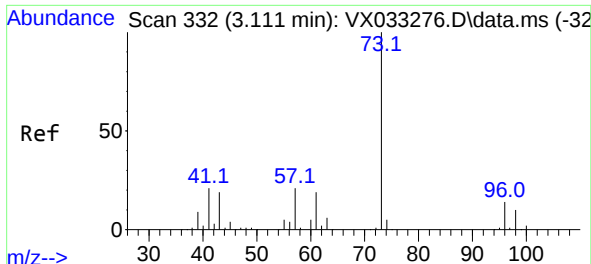
Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8



#18
Methyl Acetate
Concen: 1.211 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.074 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 43 Resp: 2538
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

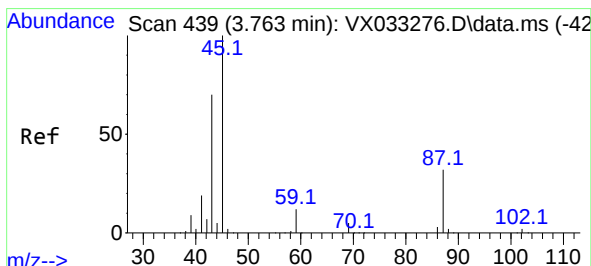
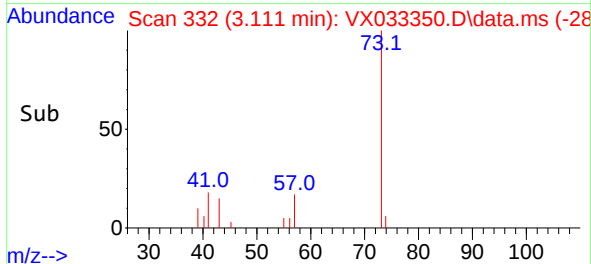
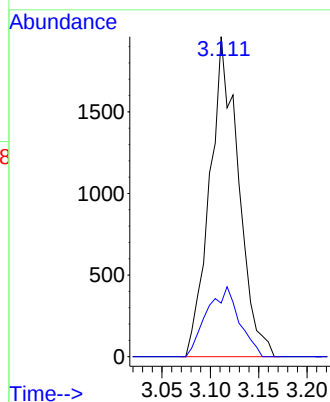
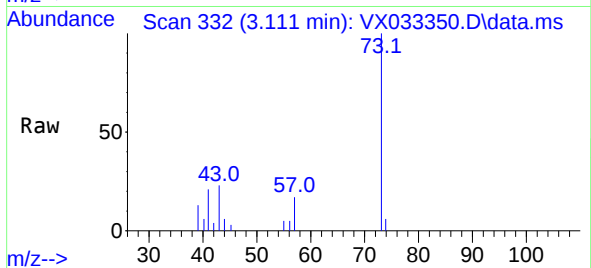




#19
Methyl tert-butyl Ether
Concen: 0.845 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

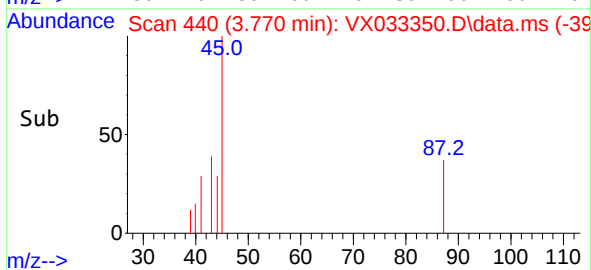
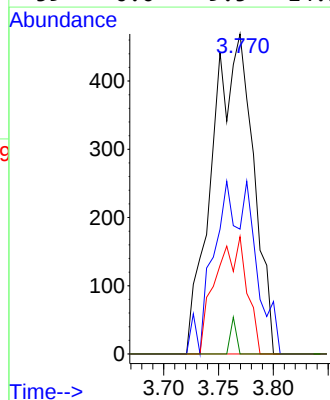
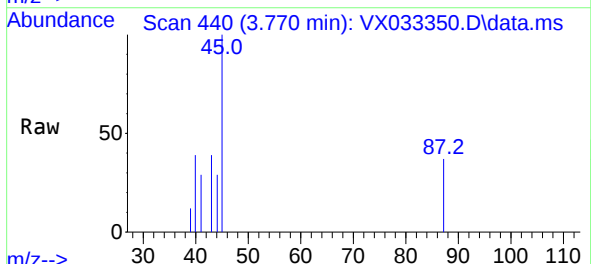
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

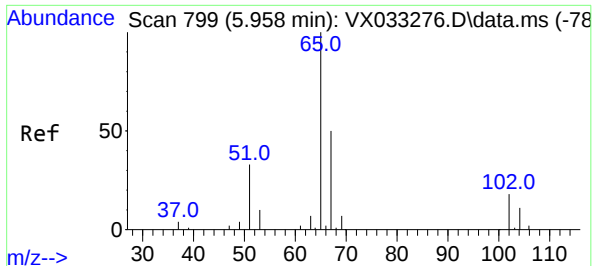
Tgt Ion: 73 Resp: 4049
Ion Ratio Lower Upper
73 100
57 16.7 16.6 25.0



#22
Diisopropyl ether
Concen: 0.259 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 45 Resp: 1225
Ion Ratio Lower Upper
45 100
43 39.0 56.4 84.6#
87 36.7 24.4 36.6#
59 0.0 9.5 14.3#

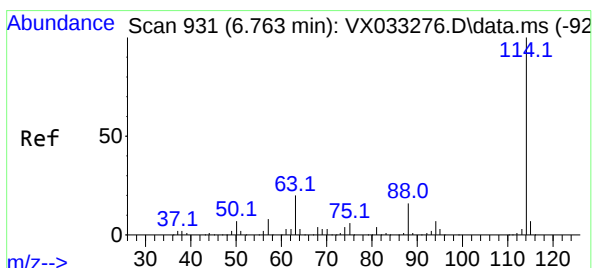
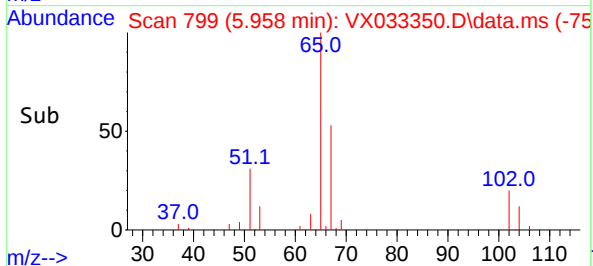
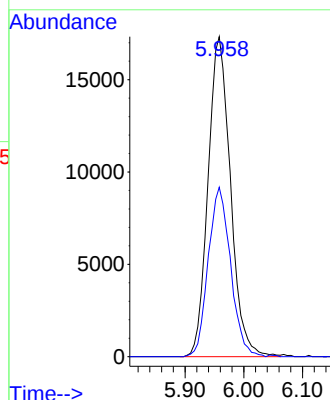
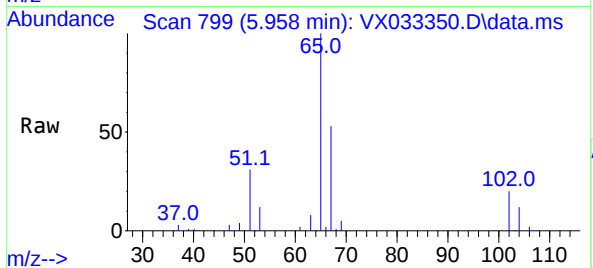




#33
1,2-Dichloroethane-d4
Concen: 46.976 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

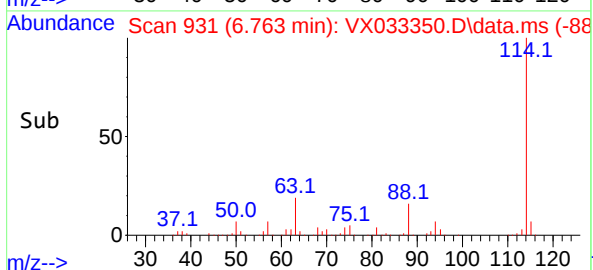
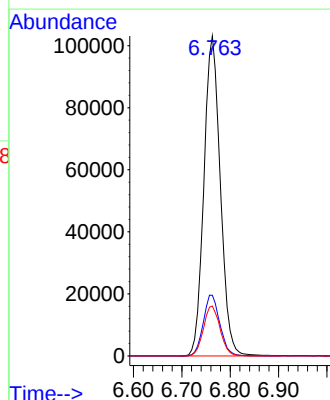
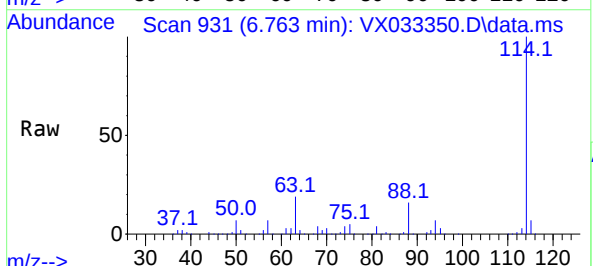
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

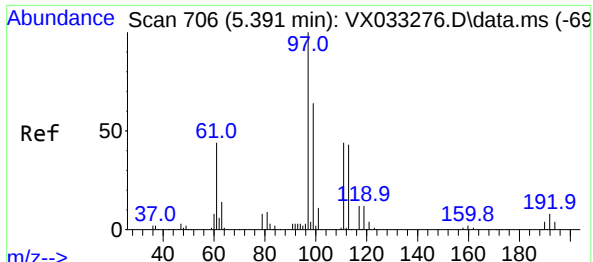
Tgt Ion: 65 Resp: 45978
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 114 Resp: 243293
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.6 0.0 33.4



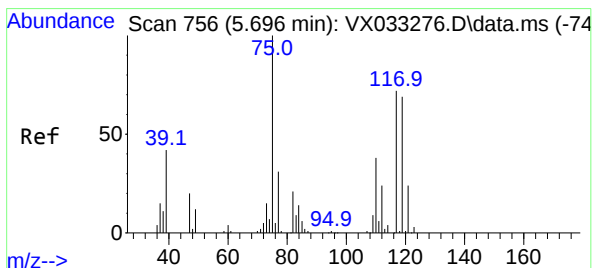
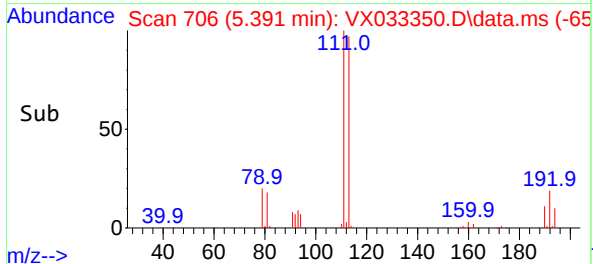
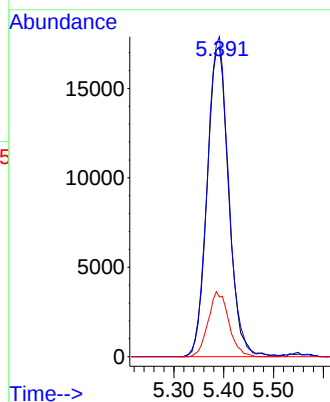
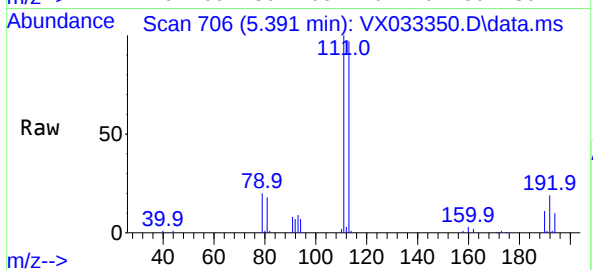


#35
Dibromofluoromethane
Concen: 47.542 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-23R

Tgt Ion:113 Resp: 52025

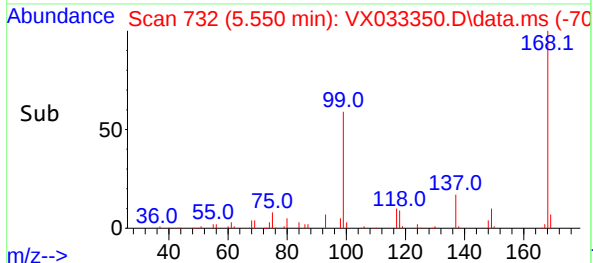
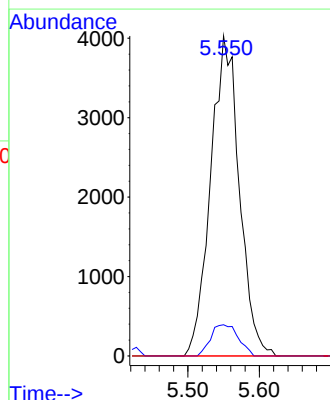
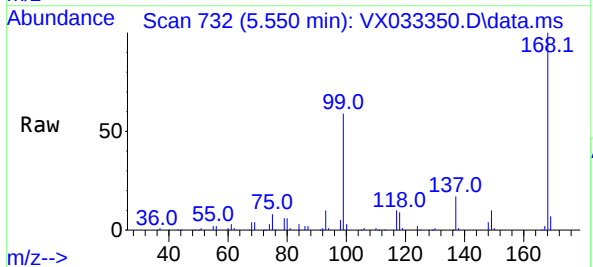
Ion	Ratio	Lower	Upper
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111	102.1	82.4	123.6
192	20.0	15.4	23.2

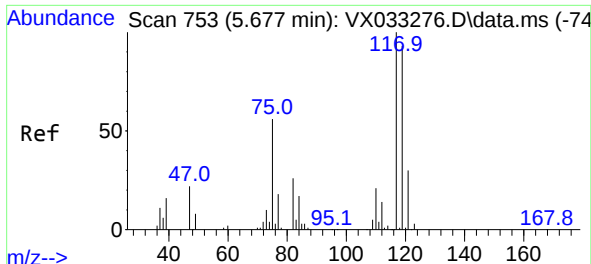


#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 75 Resp: 11224

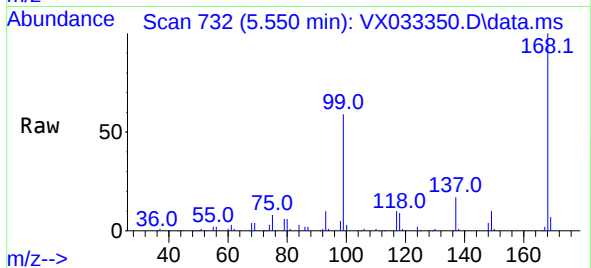
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.4	55.2#
77	0.0	24.5	36.7#



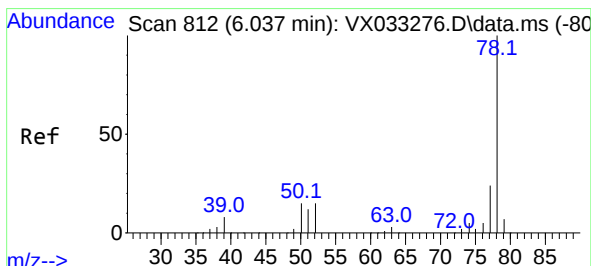
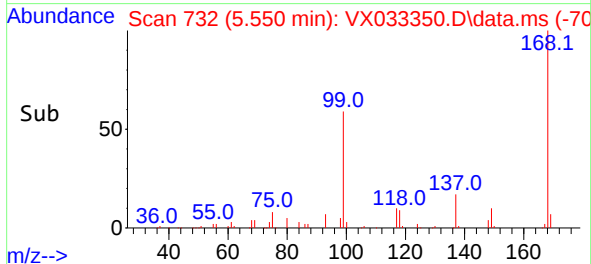
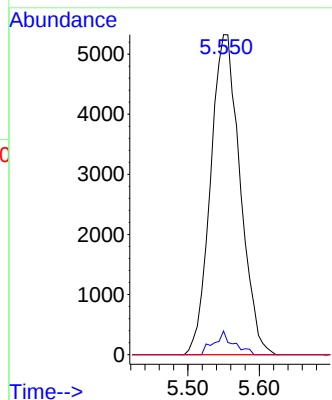


#38
Carbon Tetrachloride
Concen: 6.381 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-23R

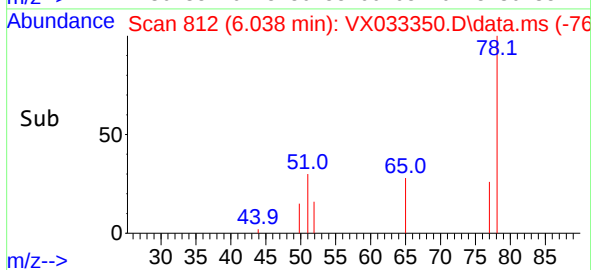
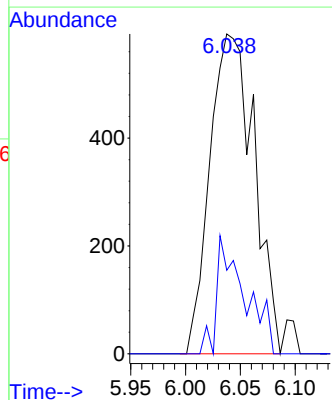
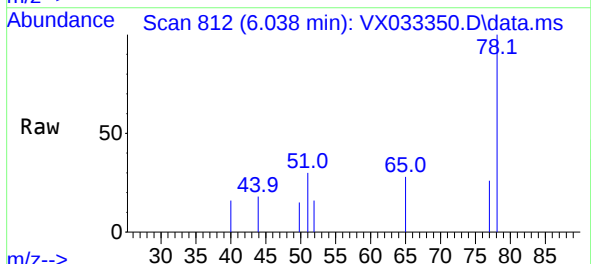


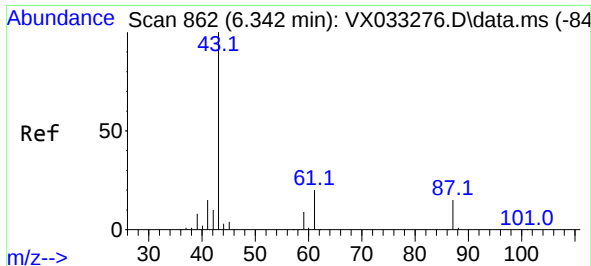
Tgt Ion:117 Resp: 15253
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 25.8 38.6#



#40
Benzene
Concen: 0.268 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 78 Resp: 1665
Ion Ratio Lower Upper
78 100
77 26.1 19.0 28.4

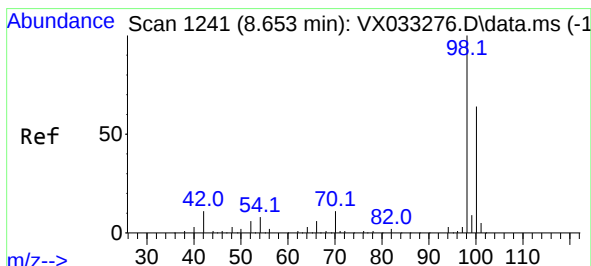
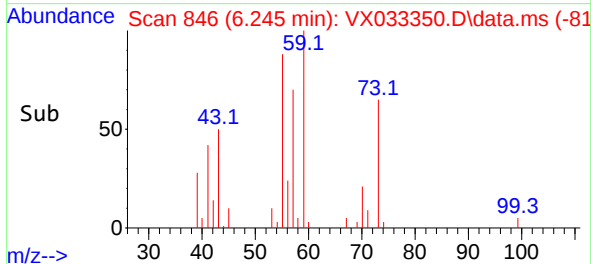
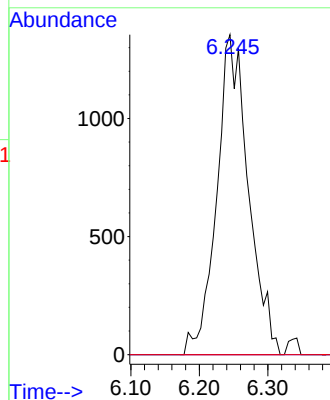
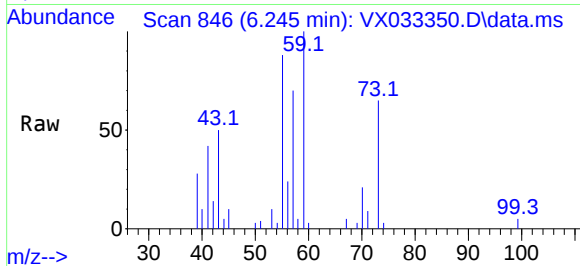




#43
Isopropyl Acetate
Concen: 1.341 ug/l
RT: 6.245 min Scan# 84
Delta R.T. -0.097 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

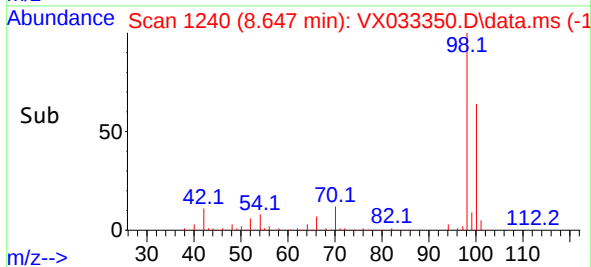
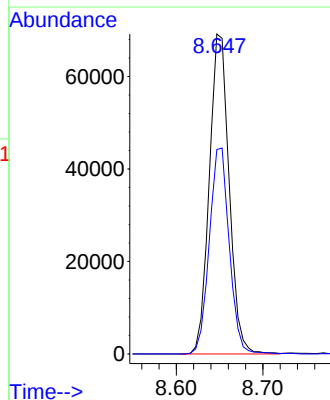
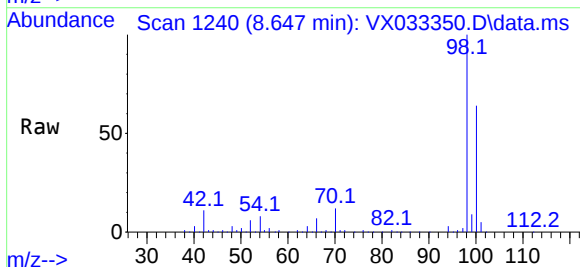
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

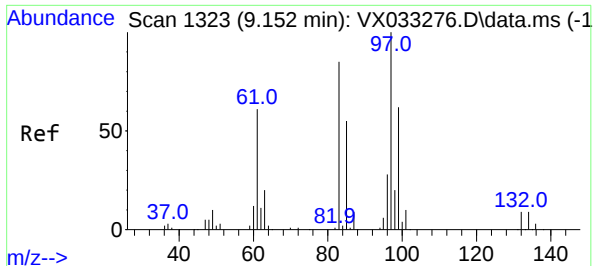
Tgt Ion: 43 Resp: 4353
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#



#50
Toluene-d8
Concen: 48.087 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 98 Resp: 110080
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



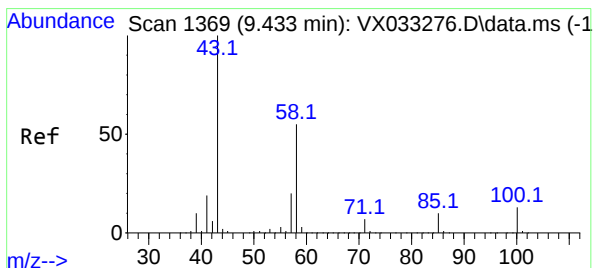
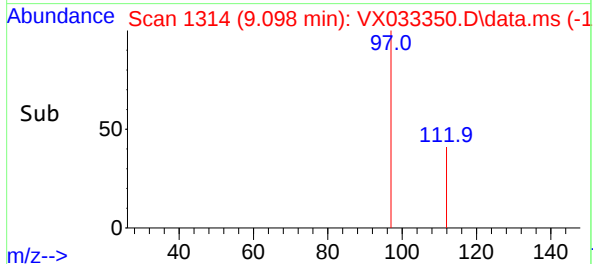
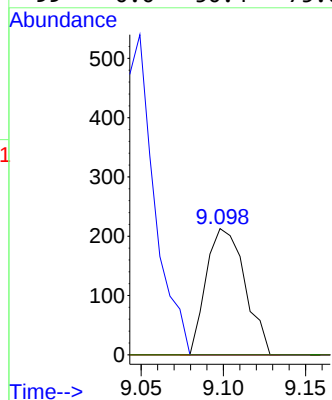
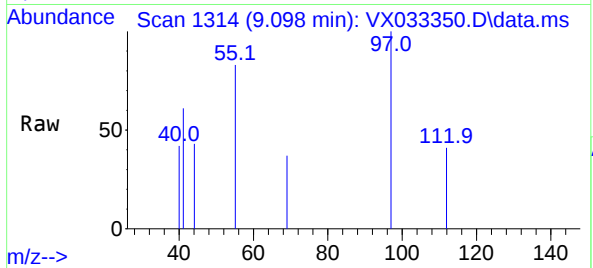


#55
1,1,2-Trichloroethane
Concen: 0.206 ug/l
RT: 9.098 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-23R

Tgt Ion: 97 Resp: 349

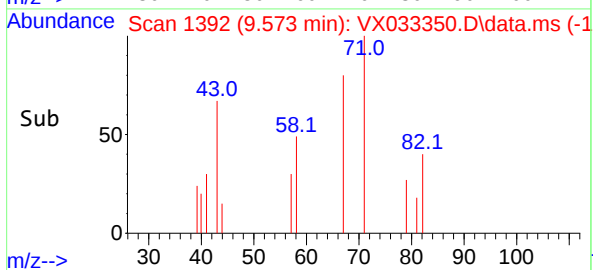
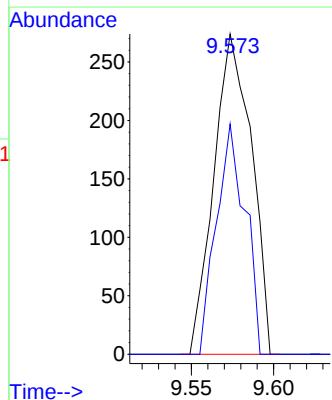
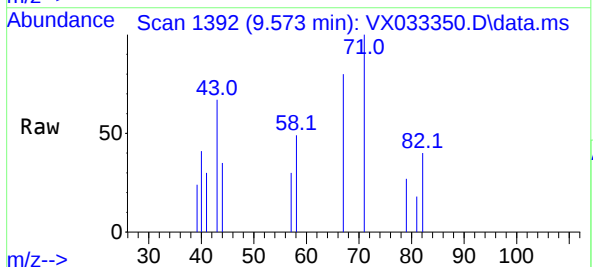
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	43.3	64.9#
99	0.0	50.4	75.6#

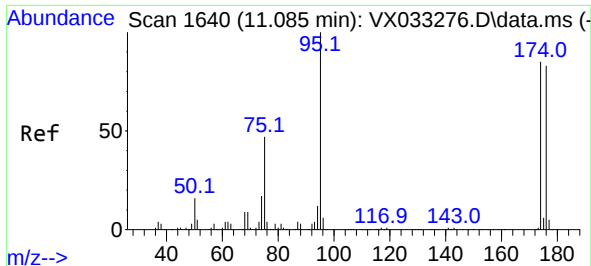


#59
2-Hexanone
Concen: 0.288 ug/l
RT: 9.573 min Scan# 1392
Delta R.T. 0.141 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 43 Resp: 436

Ion	Ratio	Lower	Upper
43	100		
58	55.0	26.5	79.5

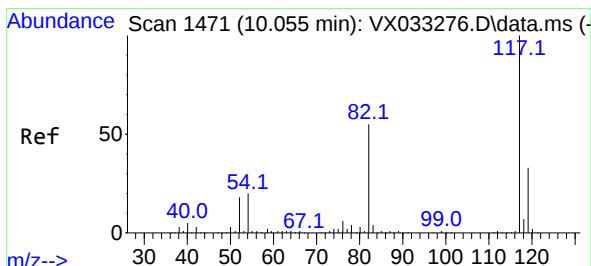
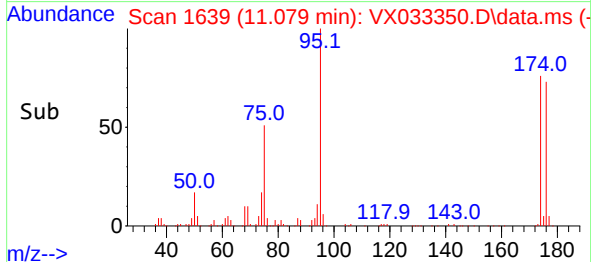
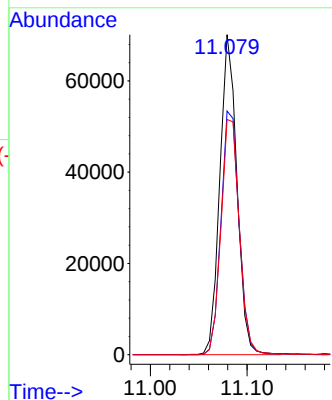
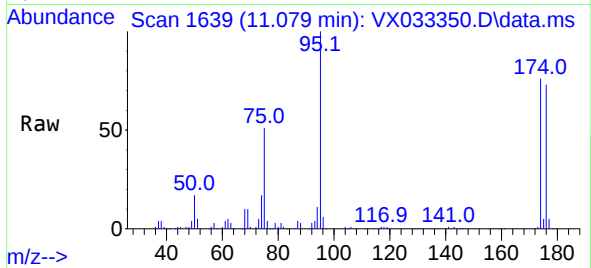




#62
4-Bromofluorobenzene
Concen: 49.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

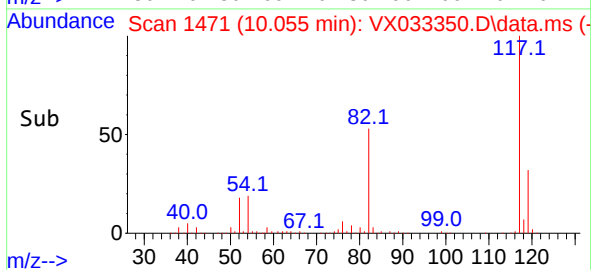
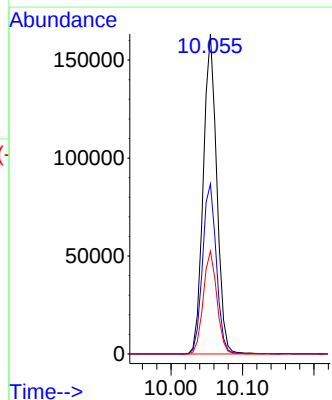
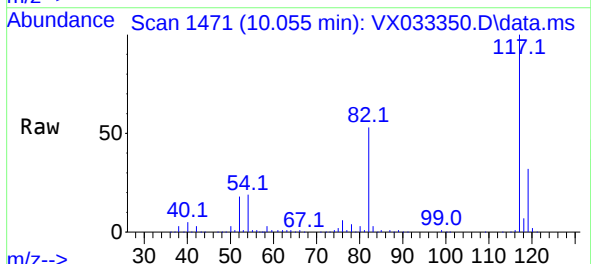
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

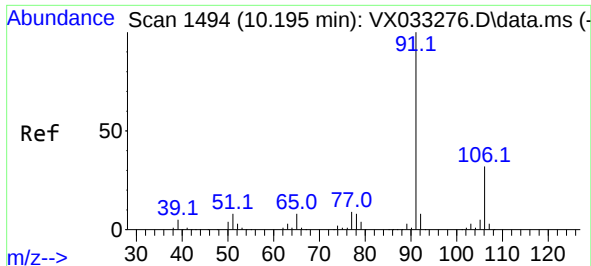
Tgt Ion: 95 Resp: 85909
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 117 Resp: 214435
Ion Ratio Lower Upper
117 100
82 53.1 44.3 66.5
119 32.1 25.7 38.5





#67

Ethyl Benzene

Concen: 0.275 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX033350.D

Acq: 09 Dec 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

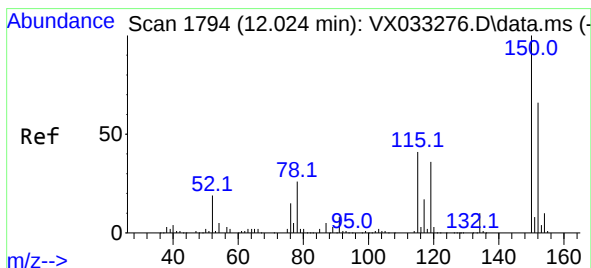
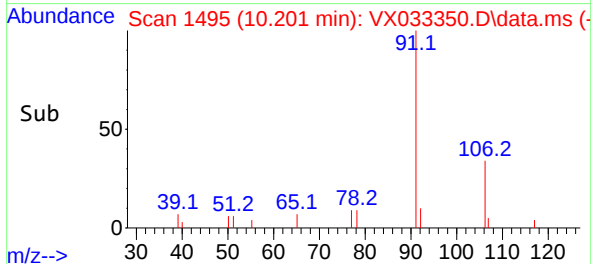
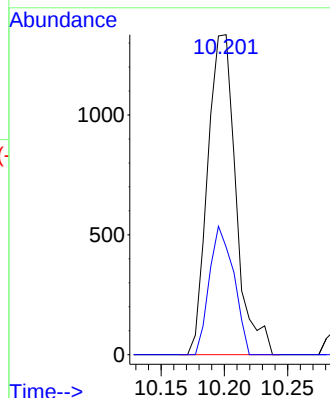
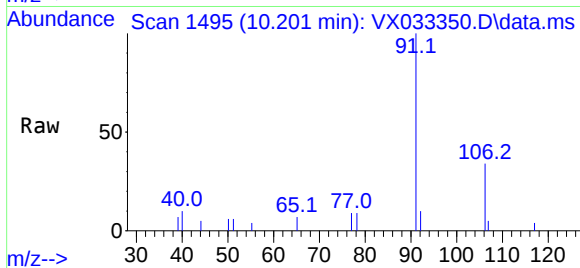
MW-23R

Tgt Ion: 91 Resp: 2080

Ion Ratio Lower Upper

91 100

106 33.6 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033350.D

Acq: 09 Dec 2022 16:13

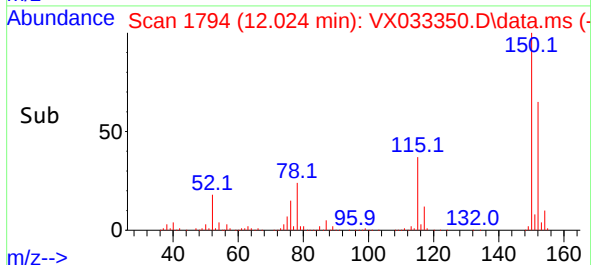
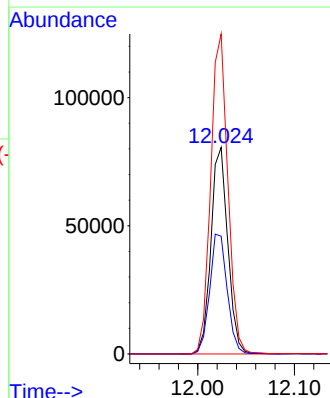
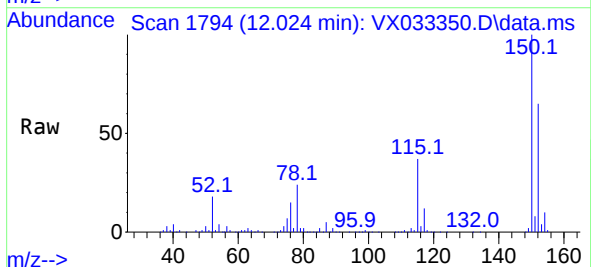
Tgt Ion:152 Resp: 97965

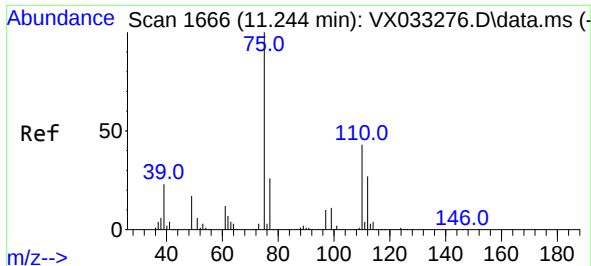
Ion Ratio Lower Upper

152 100

115 60.3 44.0 132.0

150 157.2 0.0 351.8

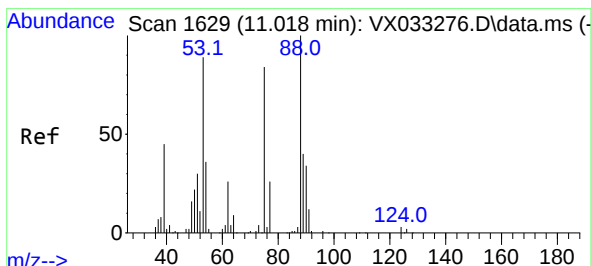
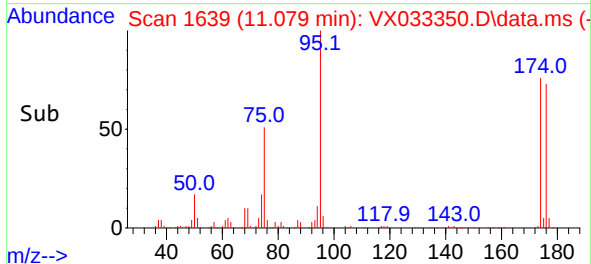
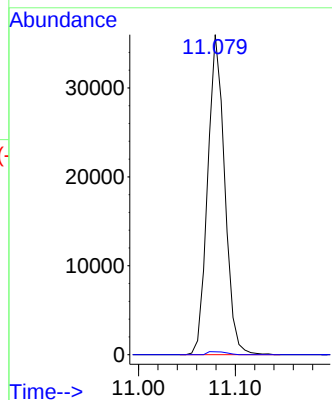
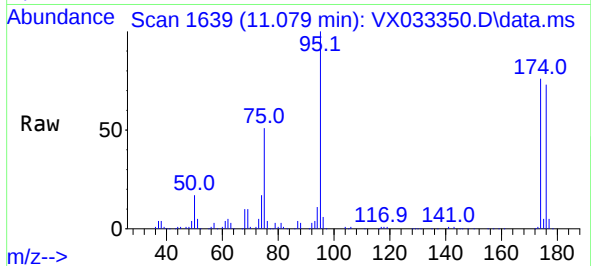




#76
1,2,3-Trichloropropane
Concen: 22.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

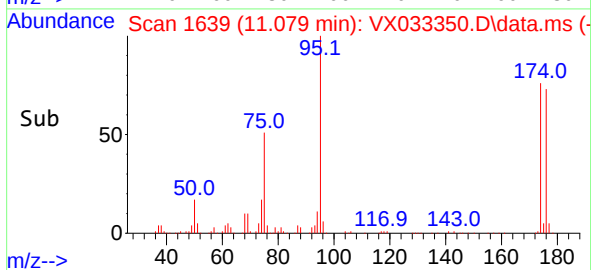
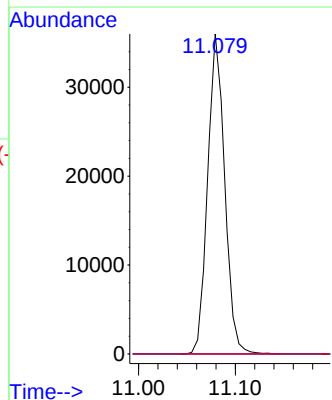
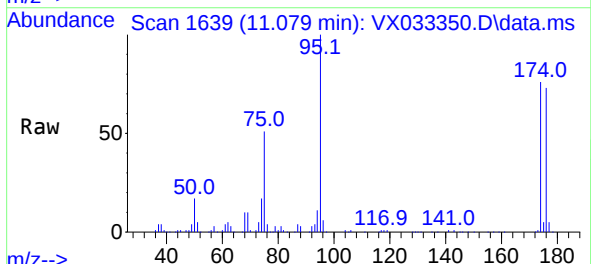
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

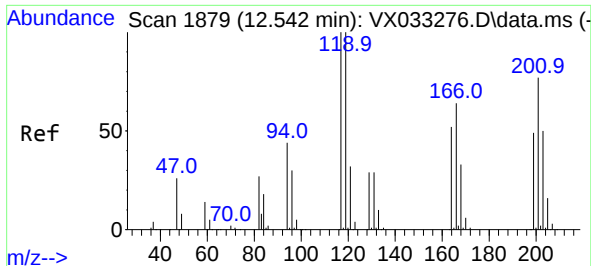
Tgt Ion: 75 Resp: 44137
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 75 Resp: 44137
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

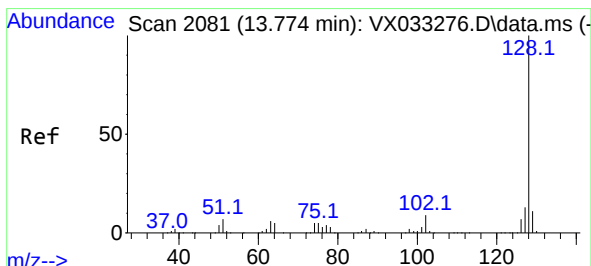
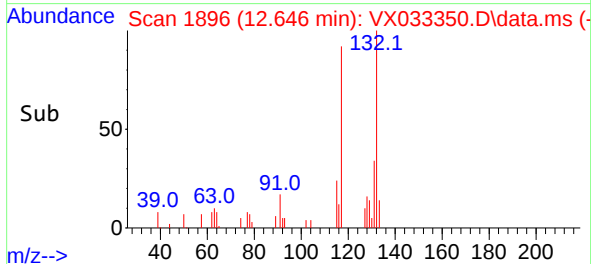
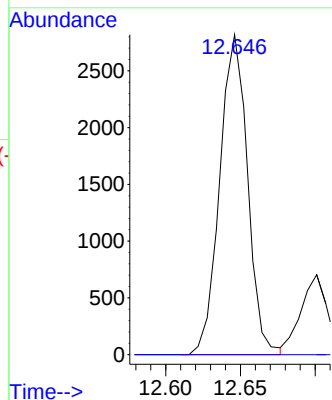
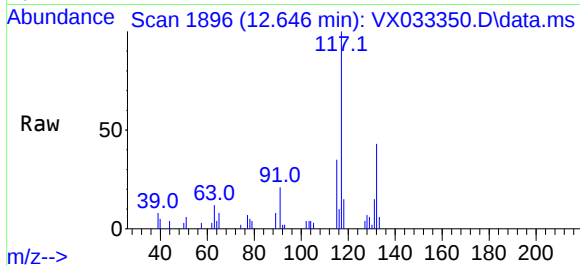




#90
Hexachloroethane
Concen: 3.621 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-23R

Tgt Ion:117 Resp: 3649
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#



#95
Naphthalene
Concen: 0.254 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion:128 Resp: 1659
Ion Ratio Lower Upper
128 100
127 9.3 10.2 15.4#
129 7.8 8.9 13.3#

