

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033031.D
 Acq On : 23 Nov 2022 19:39
 Operator : JC/MD
 Sample : N5741-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Quant Time: Nov 24 04:08:05 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)

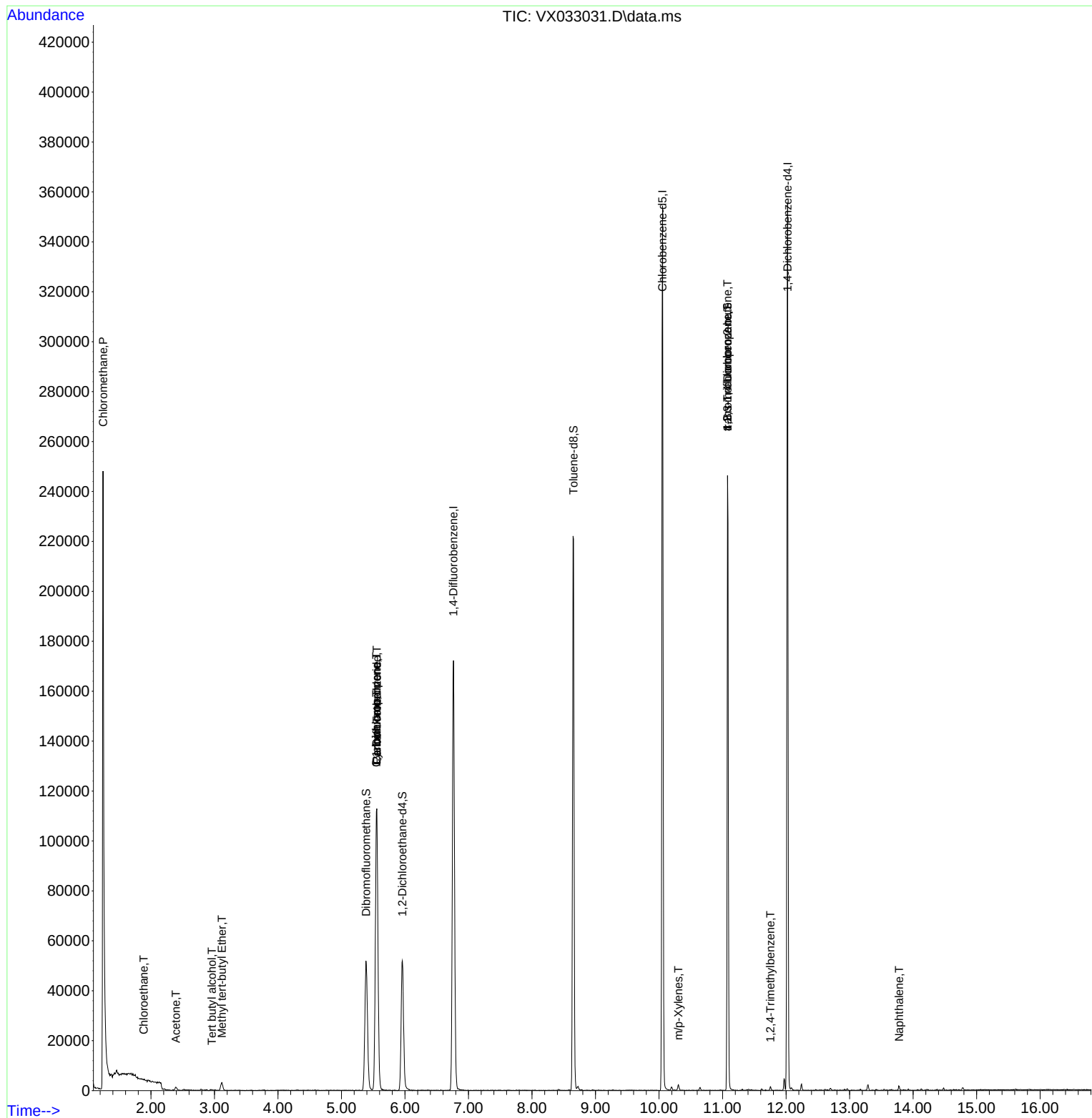
Internal Standards						
1) Pentafluorobenzene	5.556	168	105956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52707	50.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.940%	
35) Dibromofluoromethane	5.385	113	45092	45.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.860%	
50) Toluene-d8	8.653	98	134763	44.909	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 89.820%#	
62) 4-Bromofluorobenzene	11.079	95	62671	48.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	5716	6.541	ug/l #	43
6) Chloroethane	1.886	64	559	0.706	ug/l #	60
11) Tert butyl alcohol	2.959	59	266	1.626	ug/l #	72
16) Acetone	2.392	43	1829	3.795	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	3463	1.080	ug/l	99
20) Methylene Chloride	2.788	84	124	Below Cal	#	69
31) Cyclohexane	5.550	56	2372	1.419	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	8348	5.260	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11510	6.538	ug/l #	15
68) m/p-Xylenes	10.305	106	648	0.302	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	33577	24.823	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33577	80.685	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	904	0.211	ug/l	93
95) Naphthalene	13.780	128	1603	0.351	ug/l #	94

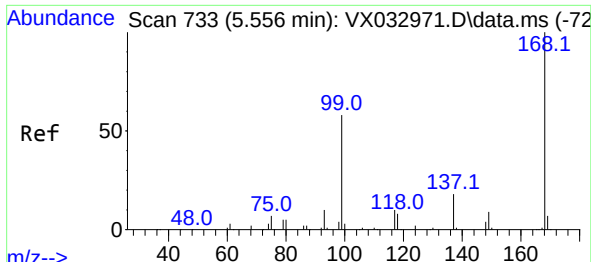
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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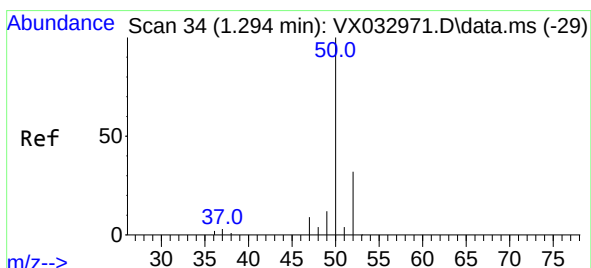
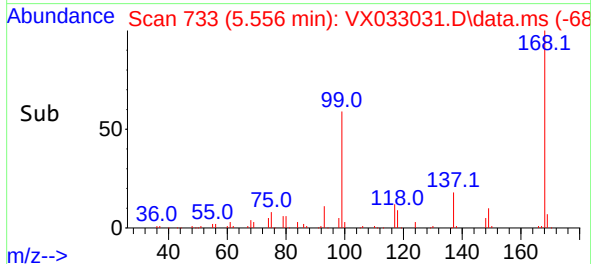
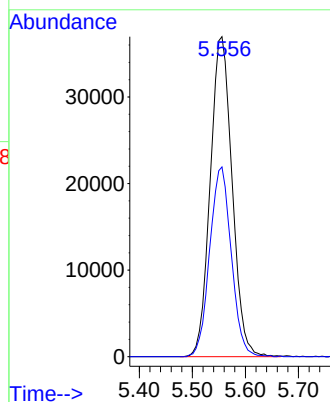
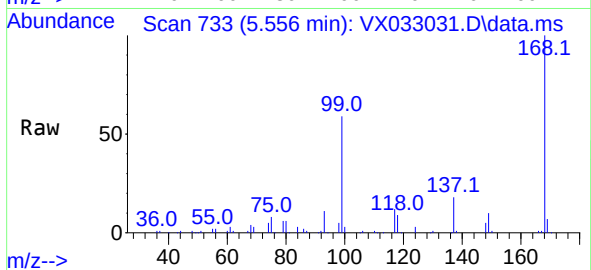




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

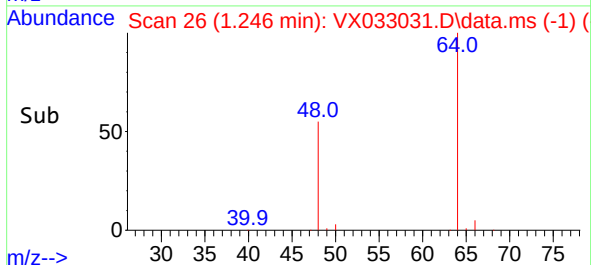
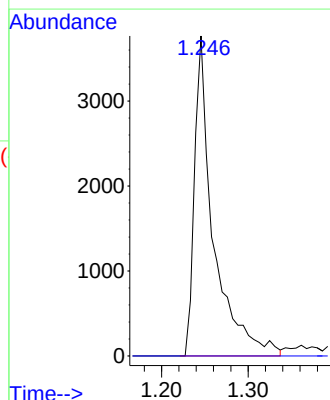
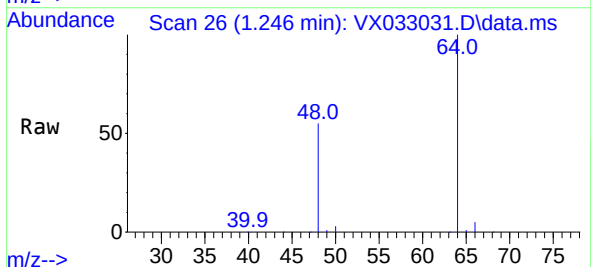
Instrument :
MSVOA_X
ClientSampleId :
MW-30

Tgt Ion:168 Resp: 105956
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1

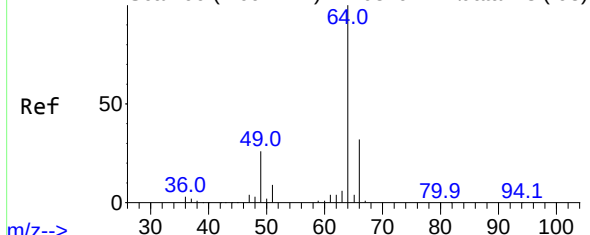


#3
Chloromethane
Concen: 6.541 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion: 50 Resp: 5716
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



Abundance Scan 99 (1.691 min): VX032971.D\data.ms (-93)



#6

Chloroethane

Concen: 0.706 ug/l

RT: 1.886 min Scan# 11

Delta R.T. 0.201 min

Lab File: VX033031.D

Acq: 23 Nov 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

MW-30

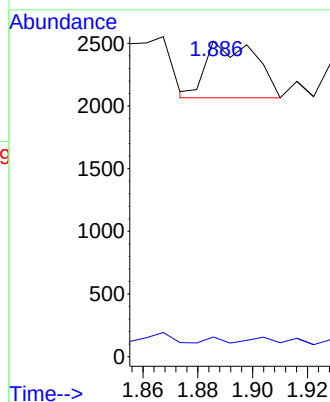
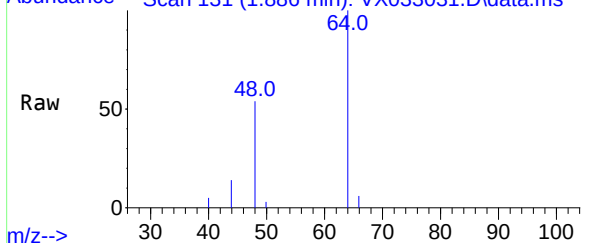
Tgt Ion: 64 Resp: 559

Ion Ratio Lower Upper

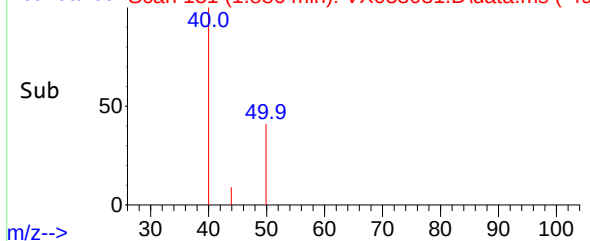
64 100

66 10.2 26.0 39.0#

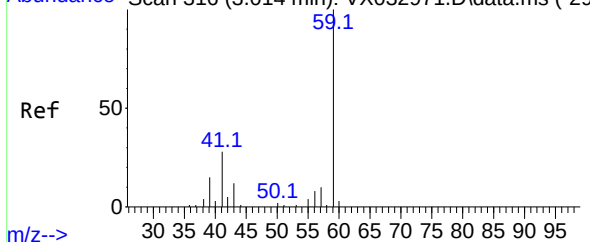
Abundance Scan 131 (1.886 min): VX033031.D\data.ms



Abundance Scan 131 (1.886 min): VX033031.D\data.ms (-49)



Abundance Scan 316 (3.014 min): VX032971.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 1.626 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX033031.D

Acq: 23 Nov 2022 19:39

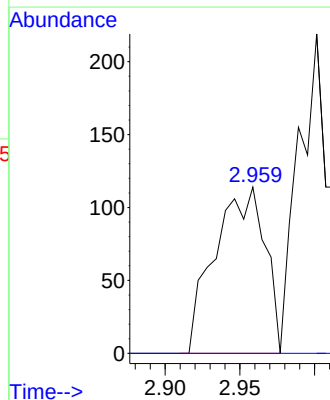
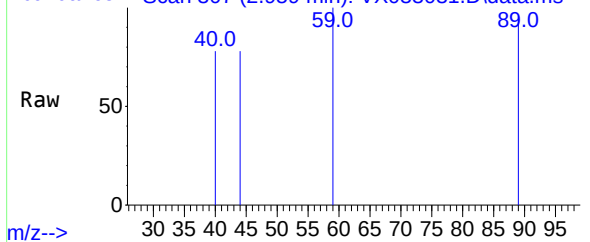
Tgt Ion: 59 Resp: 266

Ion Ratio Lower Upper

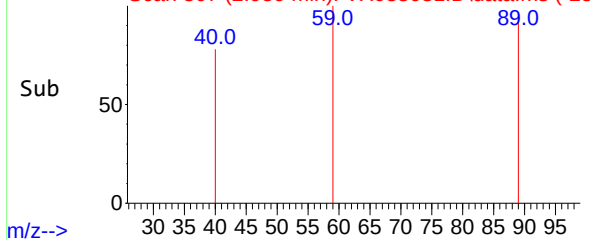
59 100

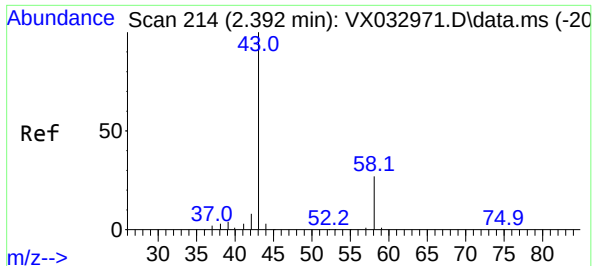
57 0.0 8.2 12.4#

Abundance Scan 307 (2.959 min): VX033031.D\data.ms



Abundance Scan 307 (2.959 min): VX033031.D\data.ms (-25)

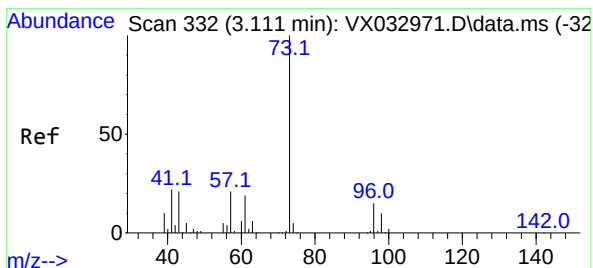
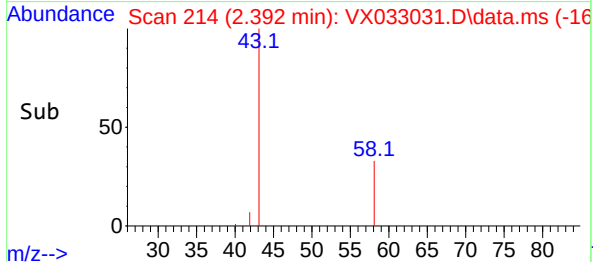
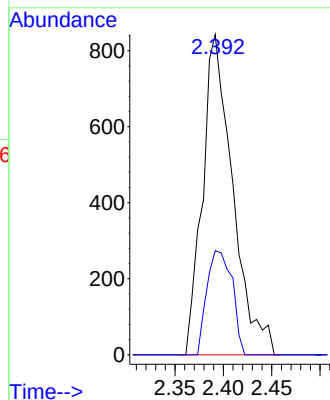
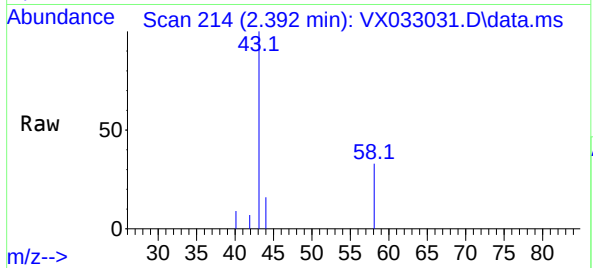




#16
Acetone
Concen: 3.795 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

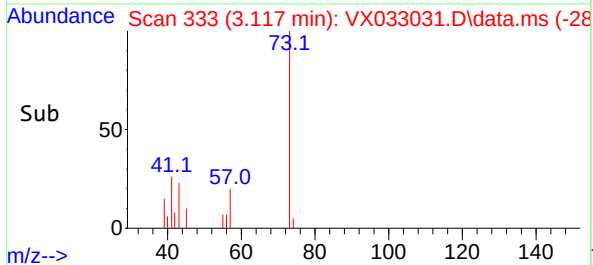
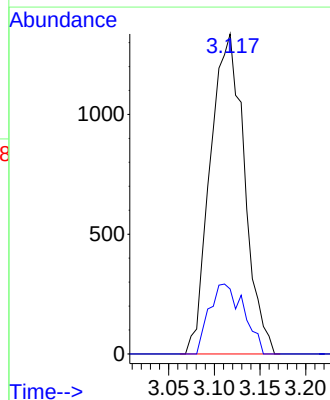
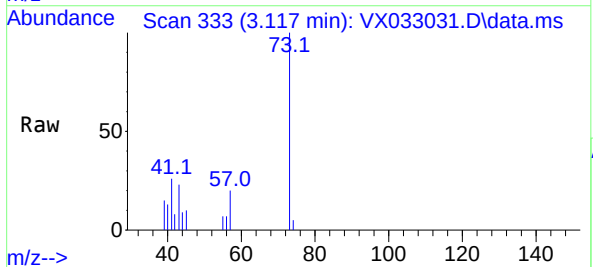
Instrument :
MSVOA_X
ClientSampleId :
MW-30

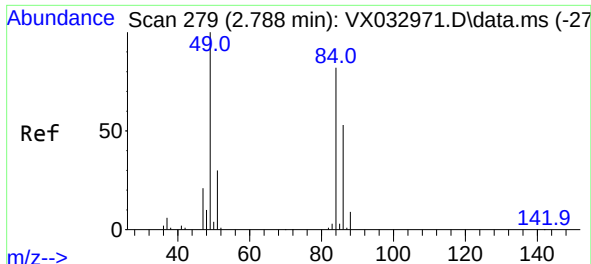
Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 1.080 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion: 73 Resp: 3463
Ion Ratio Lower Upper
73 100
57 20.3 16.6 25.0



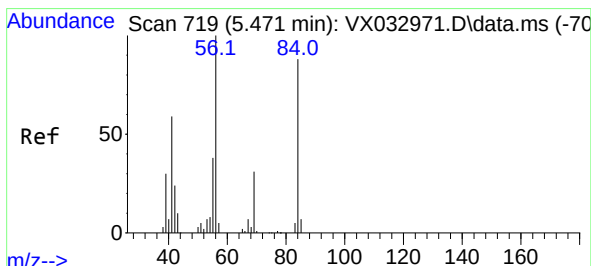
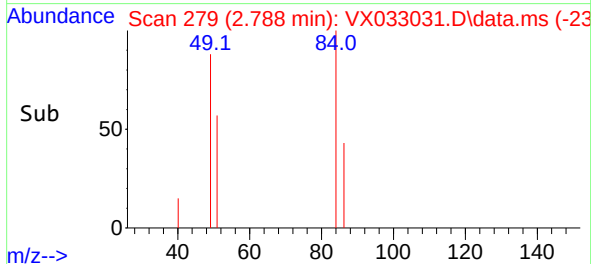
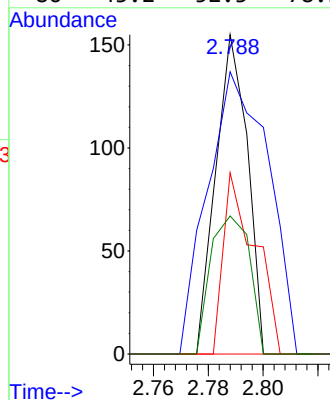
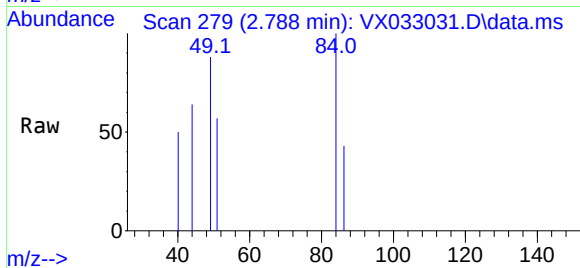


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-30

Tgt Ion: 84 Resp: 124

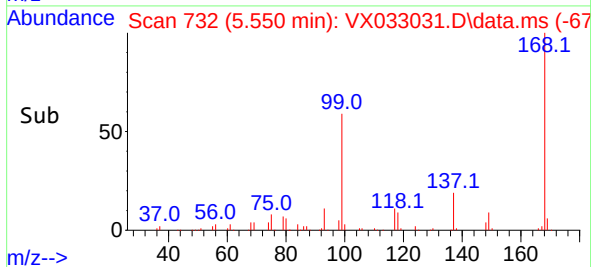
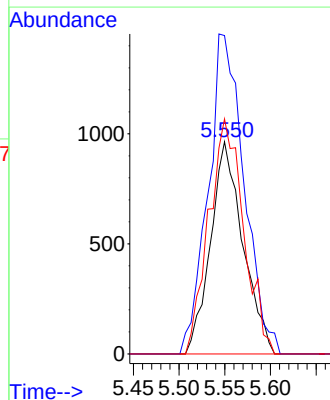
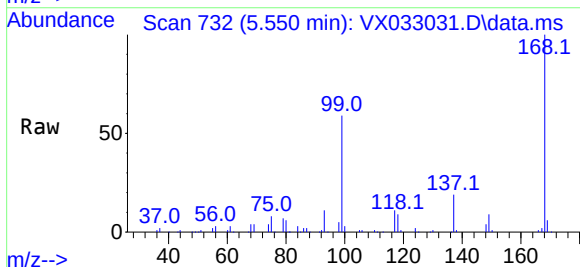
Ion	Ratio	Lower	Upper
84	100		
49	88.4	101.0	151.6#
51	56.8	31.1	46.7#
86	43.2	52.3	78.5#

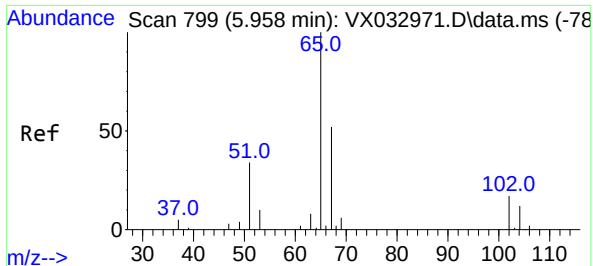


#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion: 56 Resp: 2372

Ion	Ratio	Lower	Upper
56	100		
69	150.1	24.1	36.1#
84	110.8	66.9	100.3#

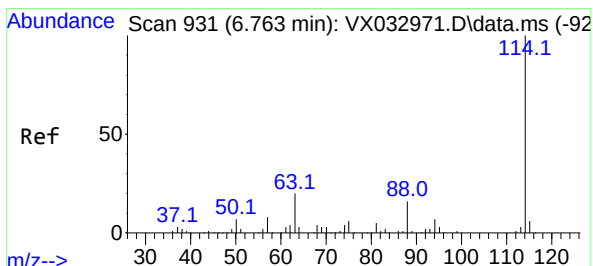
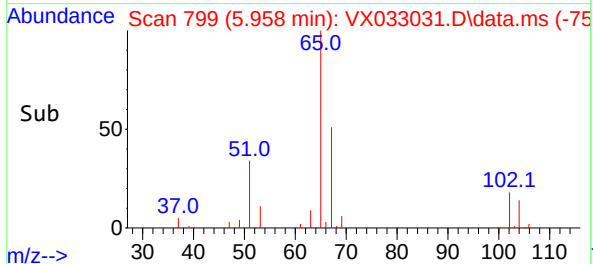
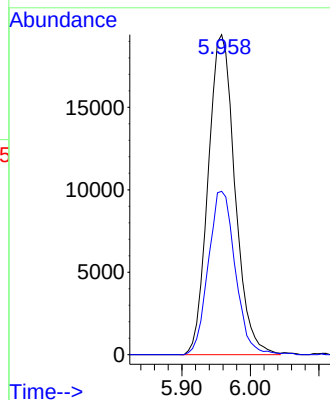
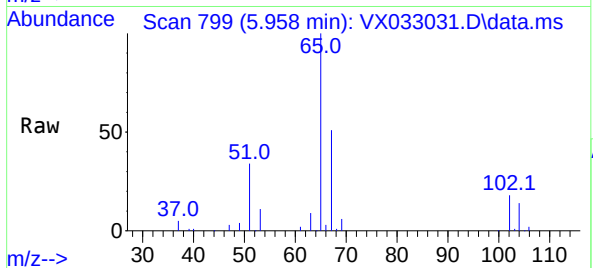




#33
1,2-Dichloroethane-d4
Concen: 50.968 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

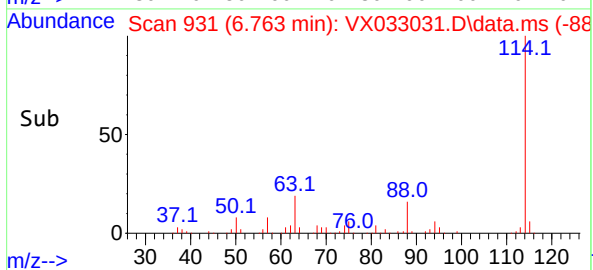
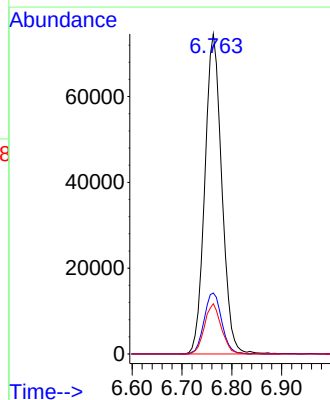
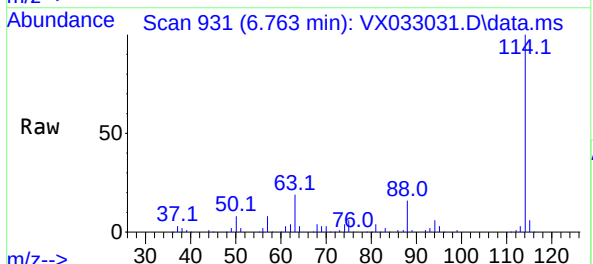
Instrument :
MSVOA_X
ClientSampleId :
MW-30

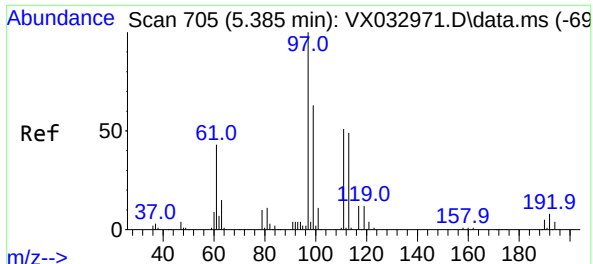
Tgt Ion: 65 Resp: 52707
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion: 114 Resp: 176047
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.433 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033031.D

Acq: 23 Nov 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

MW-30

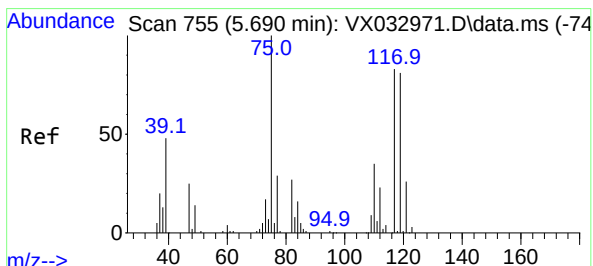
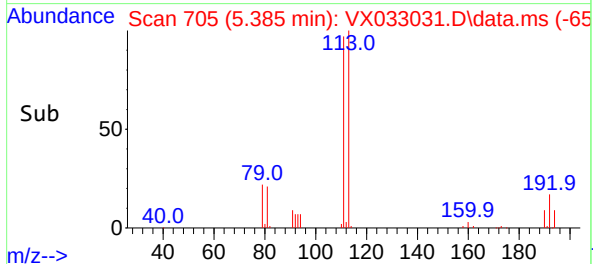
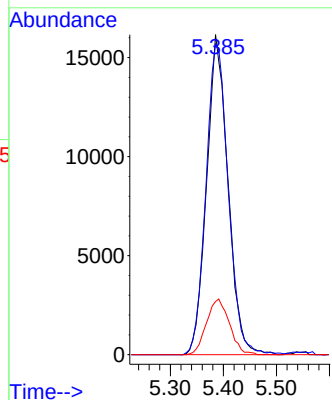
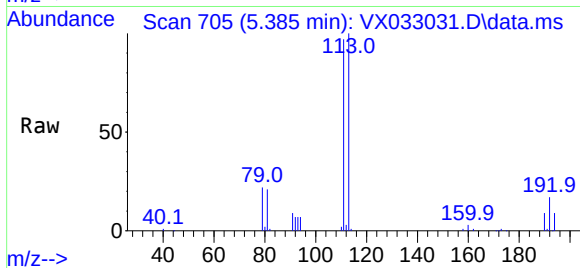
Tgt Ion:113 Resp: 45092

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 18.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.260 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033031.D

Acq: 23 Nov 2022 19:39

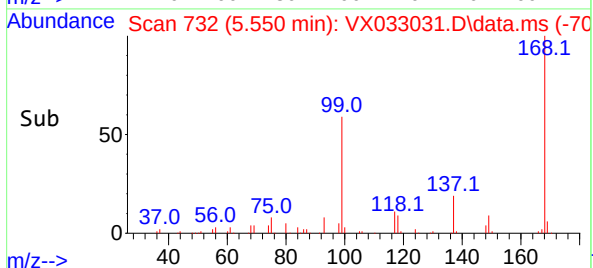
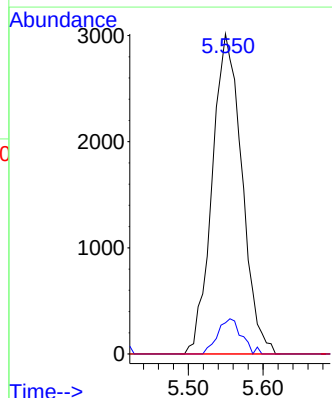
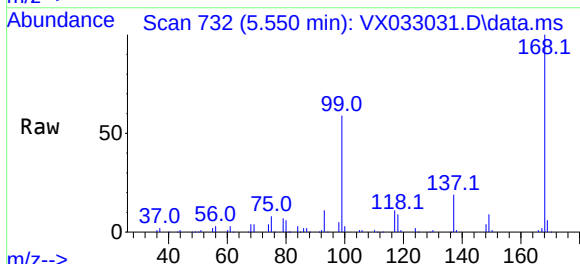
Tgt Ion: 75 Resp: 8348

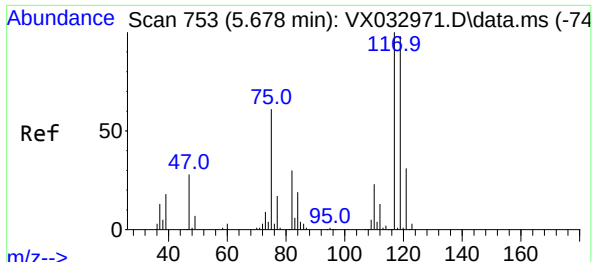
Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

77 0.0 24.5 36.7#

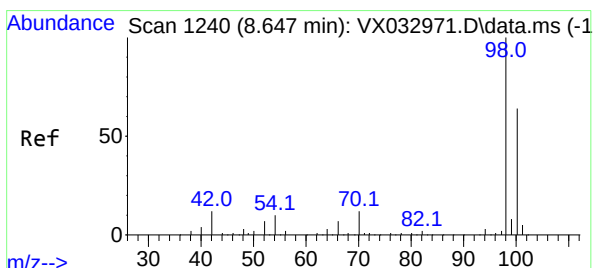
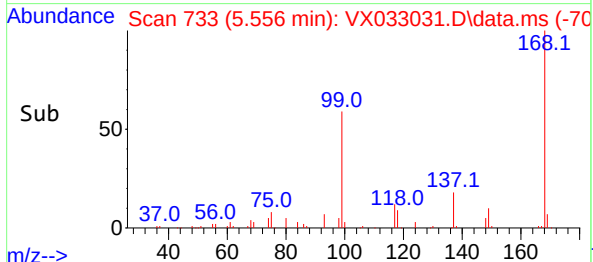
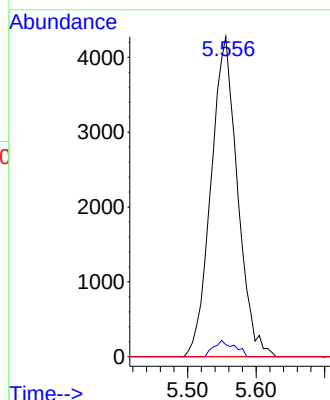
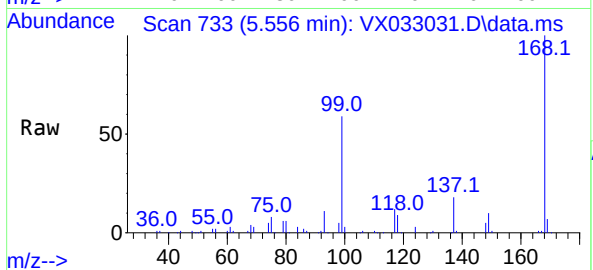




#38
Carbon Tetrachloride
Concen: 6.538 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

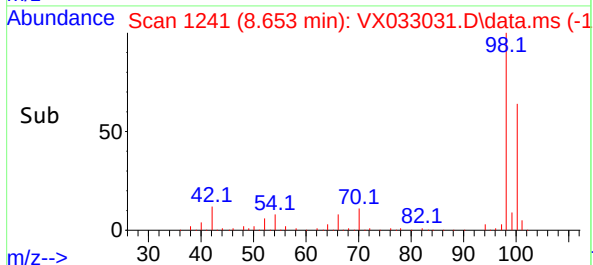
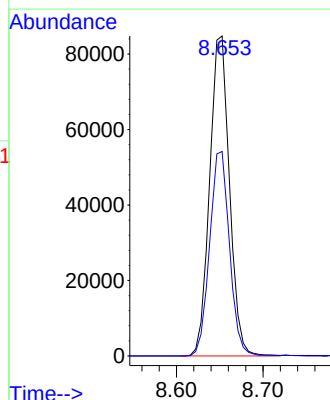
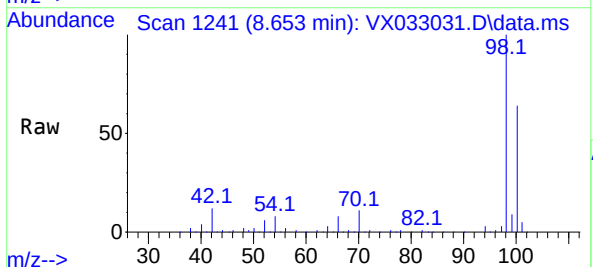
Instrument :
MSVOA_X
ClientSampleId :
MW-30

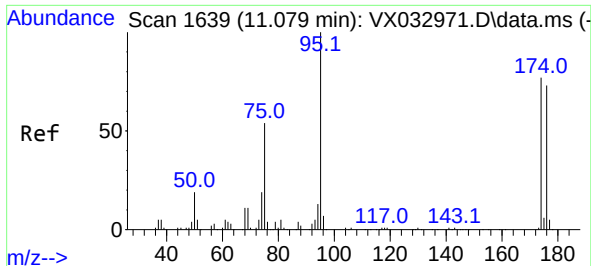
Tgt Ion:117 Resp: 11510
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 44.909 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion: 98 Resp: 134763
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

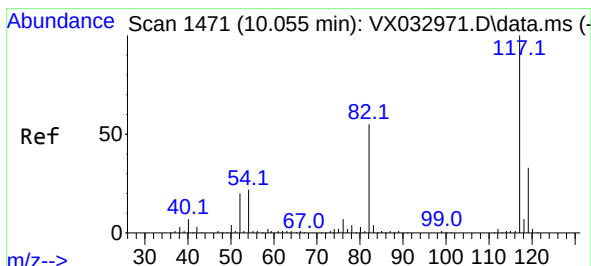
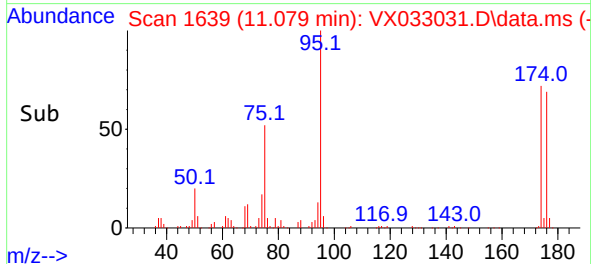
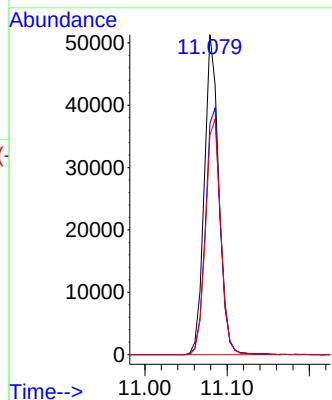
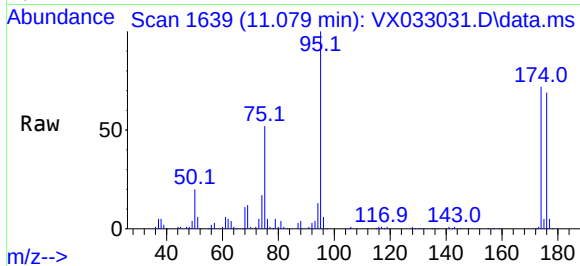




#62
4-Bromofluorobenzene
Concen: 48.070 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

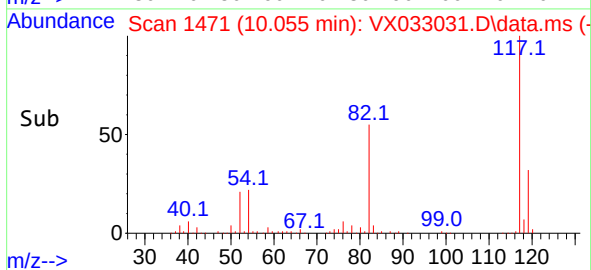
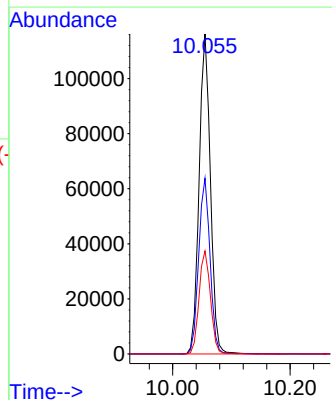
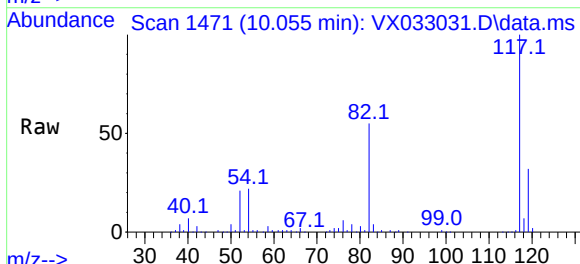
Instrument :
MSVOA_X
ClientSampleId :
MW-30

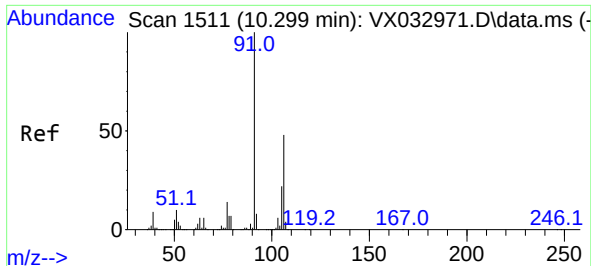
Tgt Ion: 95 Resp: 62671
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.0
176 77.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion: 117 Resp: 155084
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.2 25.7 38.5

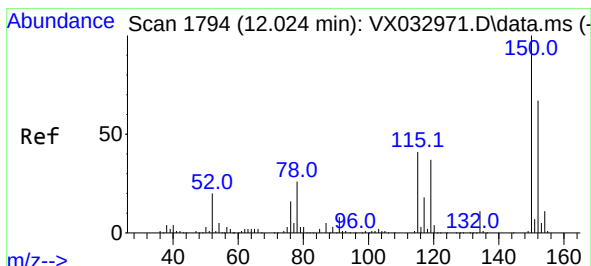
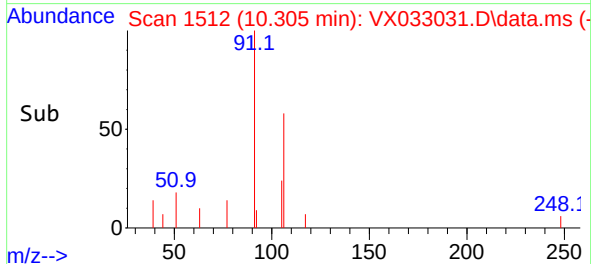
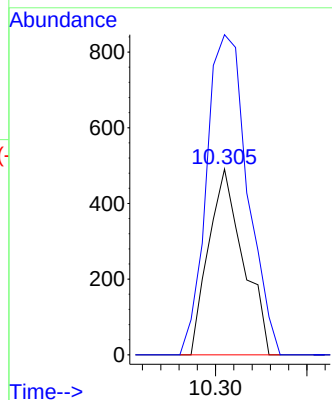
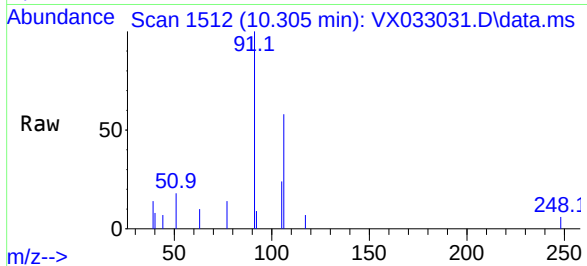




#68
m/p-Xylenes
Concen: 0.302 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

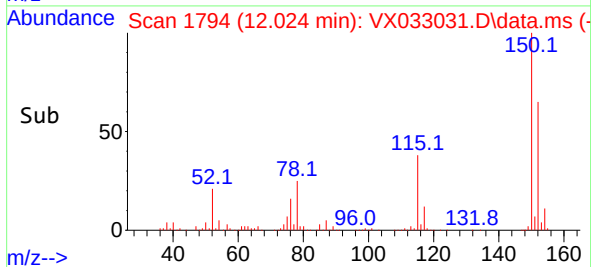
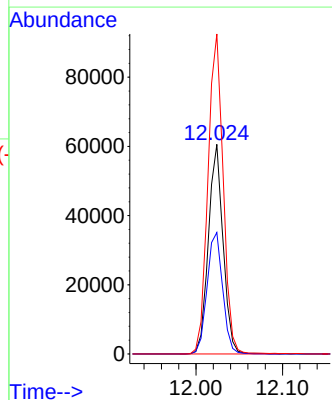
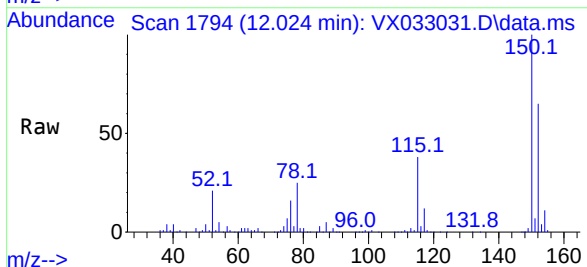
Instrument :
MSVOA_X
ClientSampleId :
MW-30

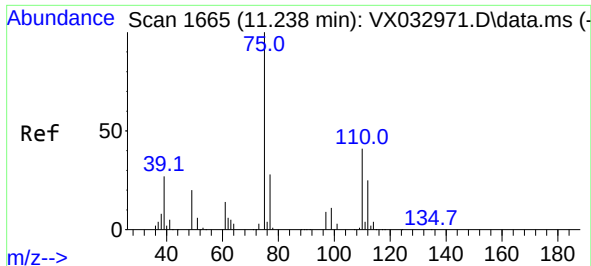
Tgt Ion:106 Resp: 648
Ion Ratio Lower Upper
106 100
91 204.0 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion:152 Resp: 71425
Ion Ratio Lower Upper
152 100
115 61.4 44.0 132.0
150 158.1 0.0 351.8

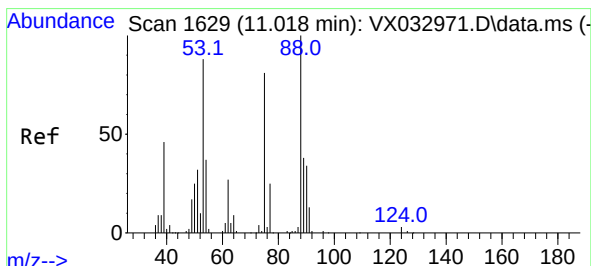
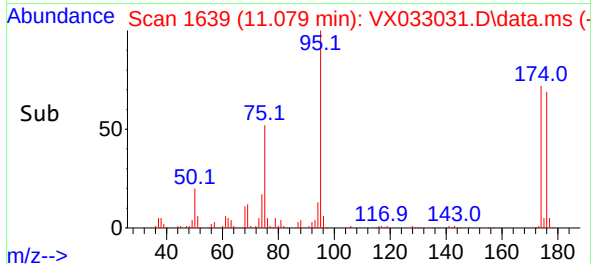
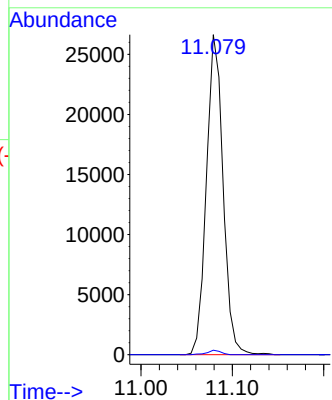
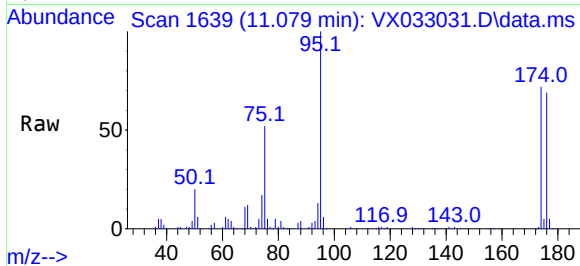




#76
1,2,3-Trichloropropane
Concen: 24.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

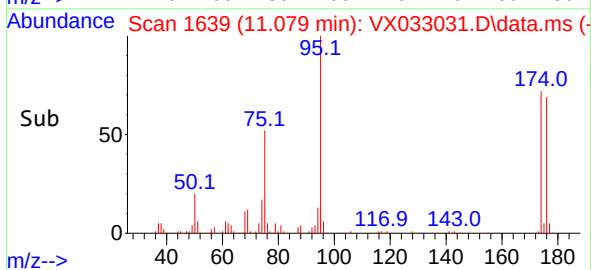
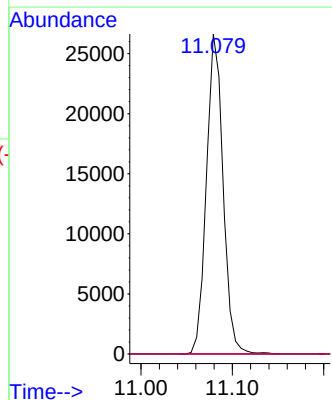
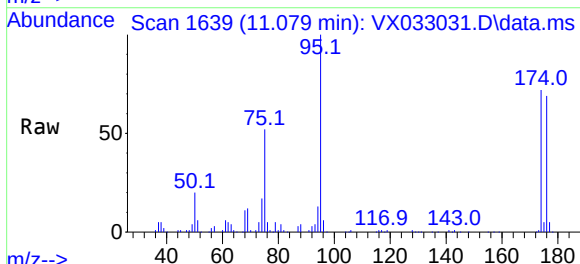
Instrument :
MSVOA_X
ClientSampleId :
MW-30

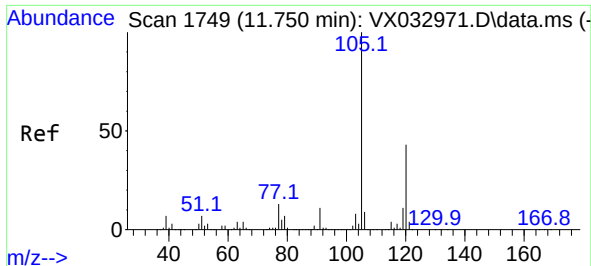
Tgt Ion: 75 Resp: 33577
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

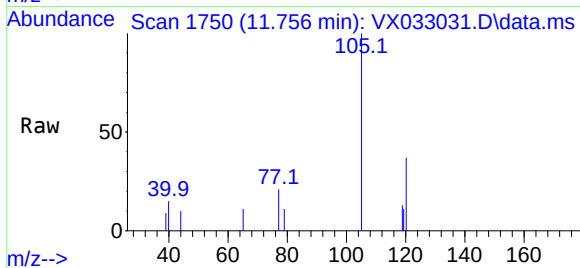
Tgt Ion: 75 Resp: 33577
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



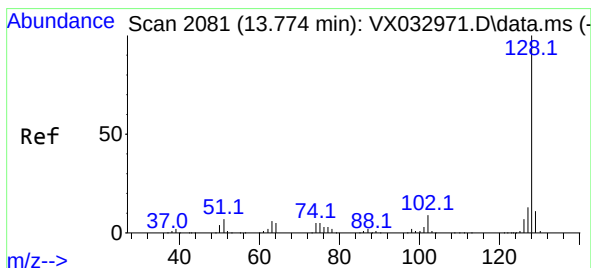
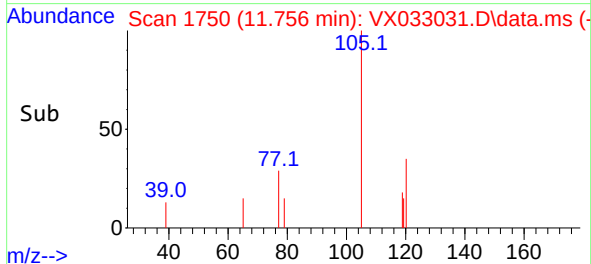
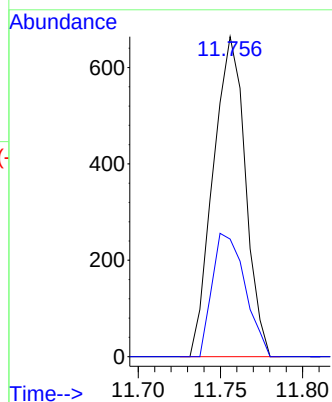


#84
1,2,4-Trimethylbenzene
Concen: 0.211 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-30



Tgt Ion:105 Resp: 904
Ion Ratio Lower Upper
105 100
120 39.3 21.9 65.5



#95
Naphthalene
Concen: 0.351 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX033031.D
Acq: 23 Nov 2022 19:39

Tgt Ion:128 Resp: 1603
Ion Ratio Lower Upper
128 100
127 8.7 10.2 15.4#
129 10.5 8.9 13.3

