

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033019.D
 Acq On : 23 Nov 2022 15:02
 Operator : JC/MD
 Sample : N5741-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Nov 24 04:06:19 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)

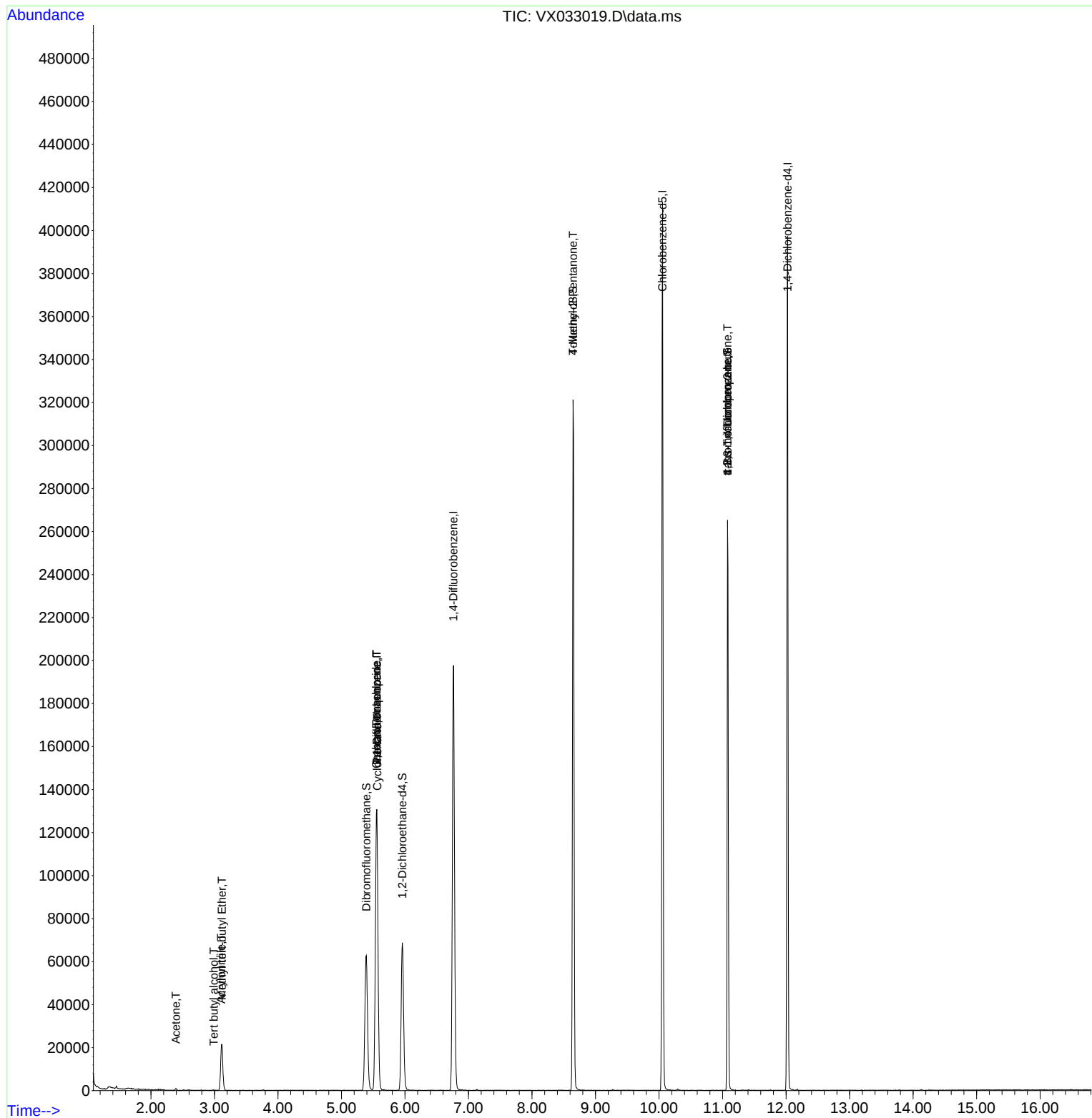
Internal Standards						
1) Pentafluorobenzene	5.556	168	124585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70211	58.187	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.380%	
35) Dibromofluoromethane	5.391	113	54791	48.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.540%	
50) Toluene-d8	8.647	98	191692	56.407	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.820%#	
62) 4-Bromofluorobenzene	11.079	95	67212	45.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	312	1.622	ug/l #	72
15) Acrylonitrile	3.105	53	352	0.647	ug/l #	26
16) Acetone	2.392	43	1032	1.821	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	24329	6.452	ug/l	99
20) Methylene Chloride	2.794	84	113	Below Cal	#	61
31) Cyclohexane	5.562	56	2708	1.378	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	9667	5.327	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13143	6.528	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	965	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37142	24.035	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37142	78.125	ug/l #	6

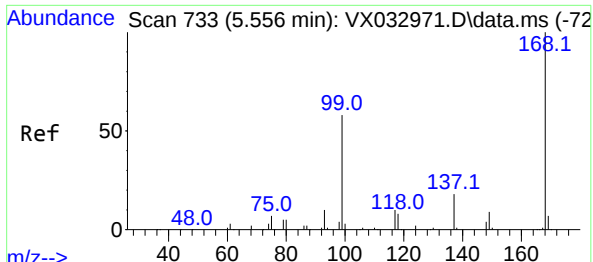
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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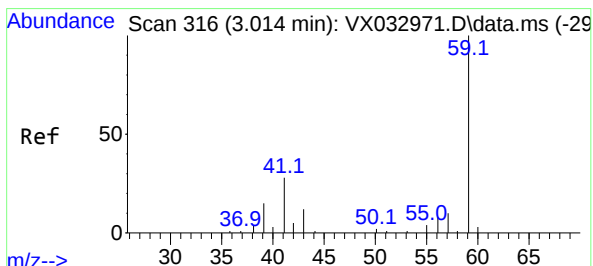
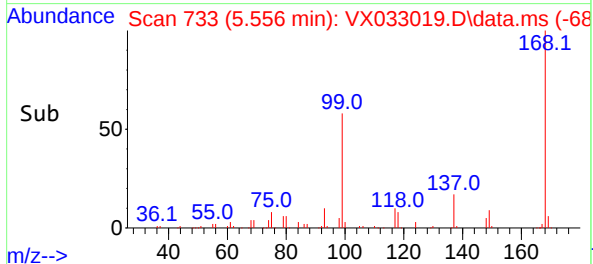
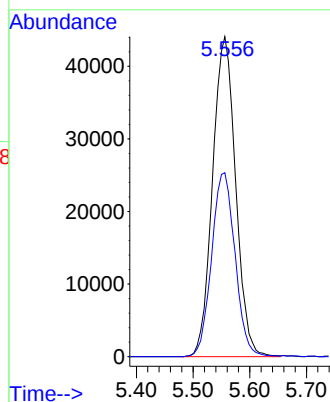
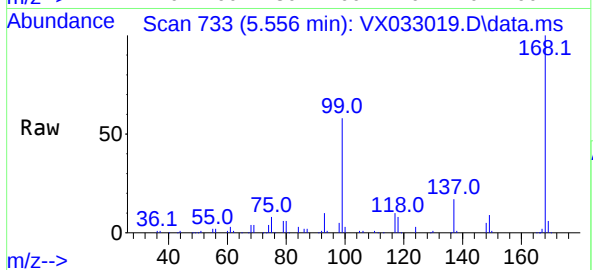




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

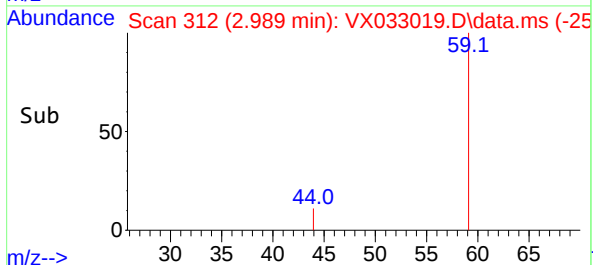
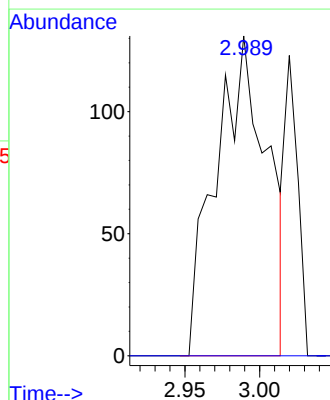
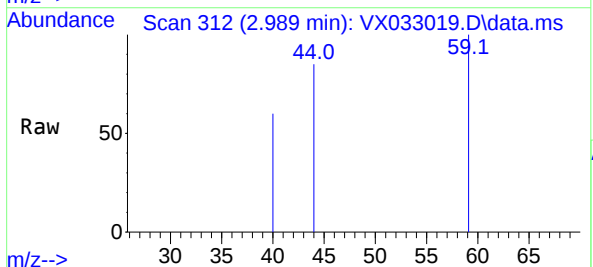
Instrument :
MSVOA_X
ClientSampleId :
MW-14

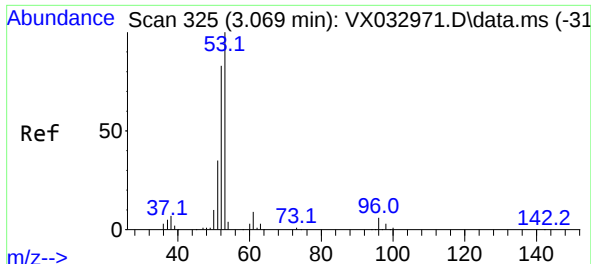
Tgt Ion:168 Resp: 124585
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.622 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

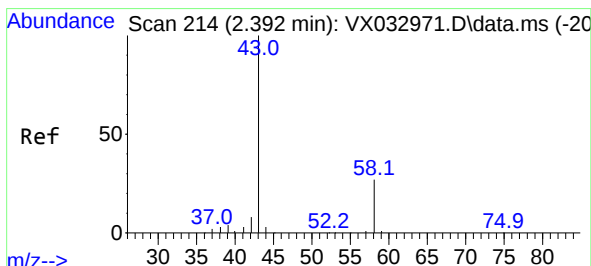
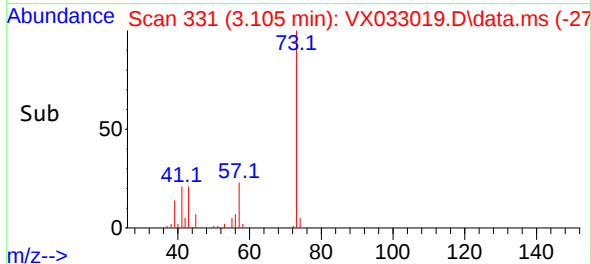
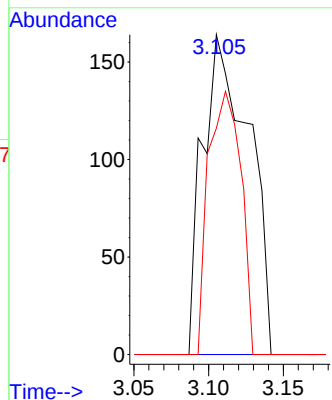
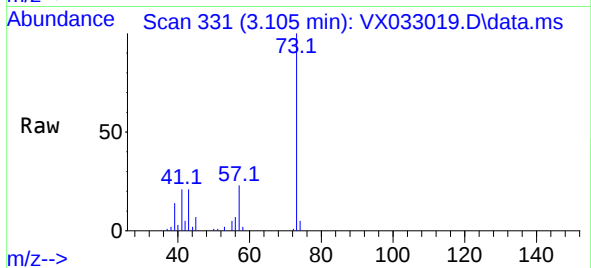




#15
Acrylonitrile
Concen: 0.647 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

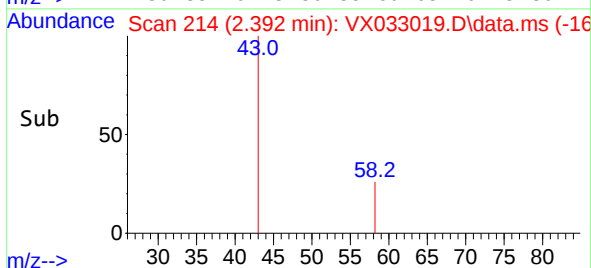
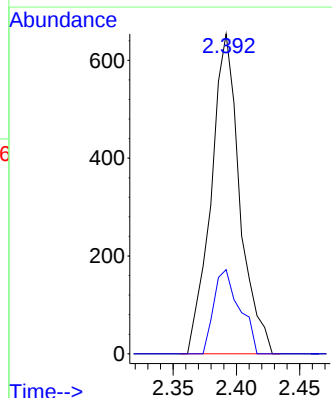
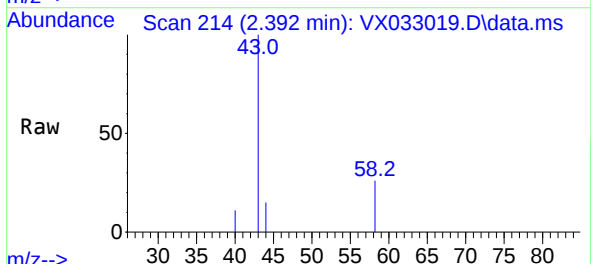
Instrument :
MSVOA_X
ClientSampleId :
MW-14

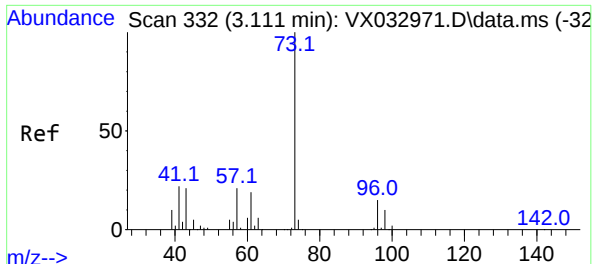
Tgt Ion: 53 Resp: 352
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 58.0 30.3 45.5#



#16
Acetone
Concen: 1.821 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 26.3 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 6.452 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033019.D

Acq: 23 Nov 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

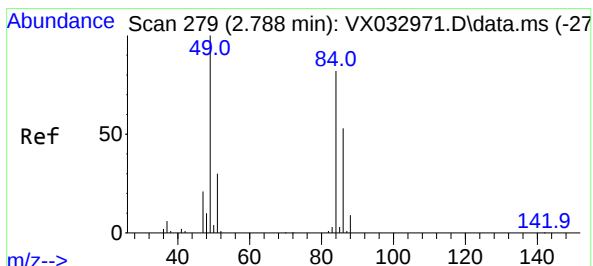
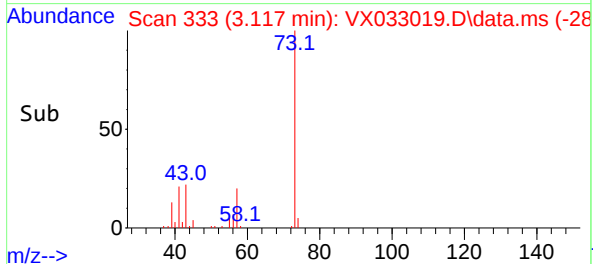
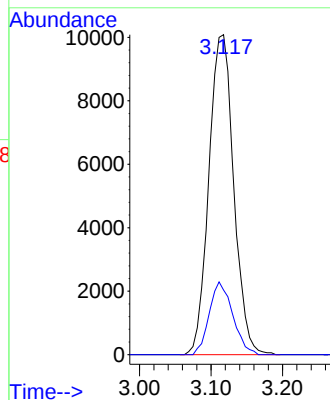
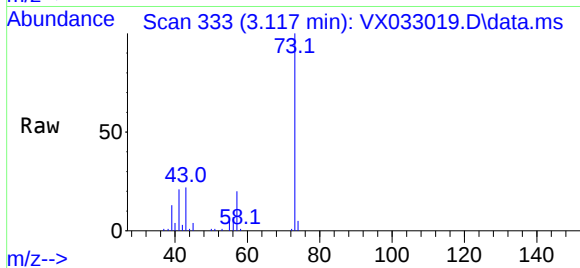
MW-14

Tgt Ion: 73 Resp: 24329

Ion Ratio Lower Upper

73 100

57 20.2 16.6 25.0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033019.D

Acq: 23 Nov 2022 15:02

Tgt Ion: 84 Resp: 113

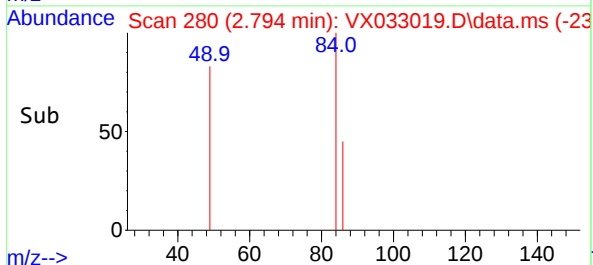
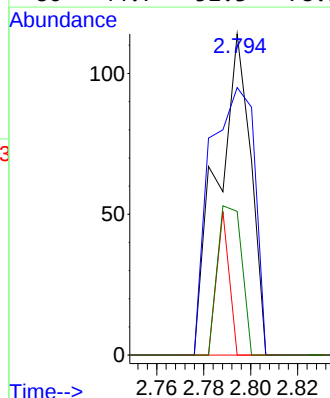
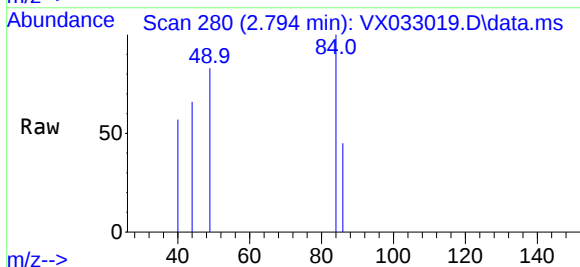
Ion Ratio Lower Upper

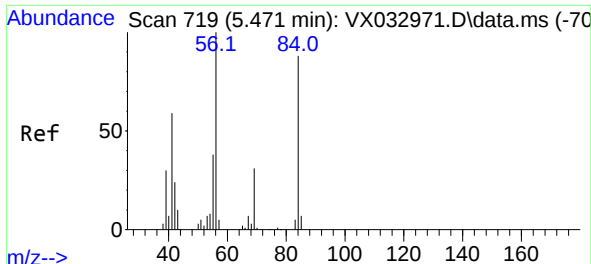
84 100

49 83.3 101.0 151.6#

51 0.0 31.1 46.7#

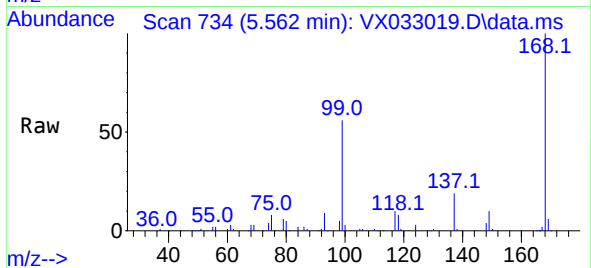
86 44.7 52.3 78.5#



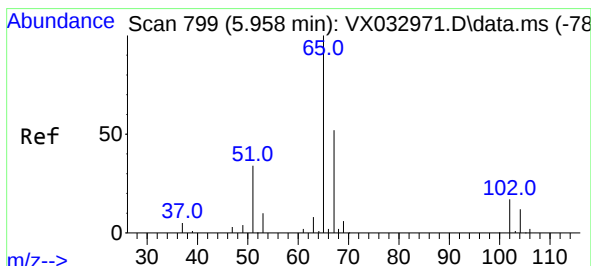
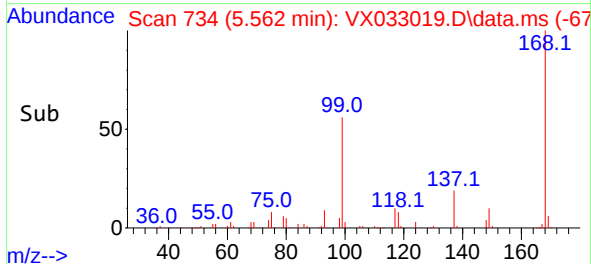
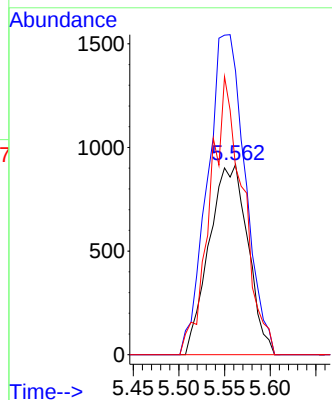


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-14

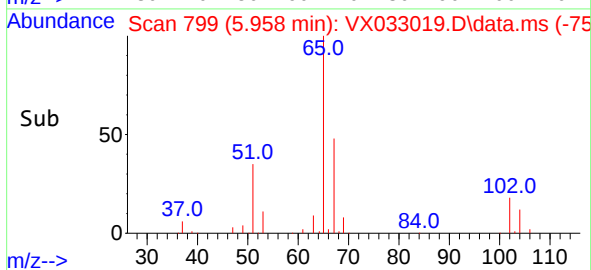
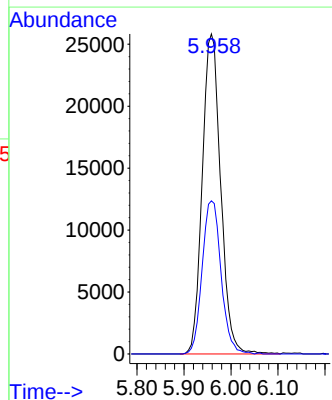
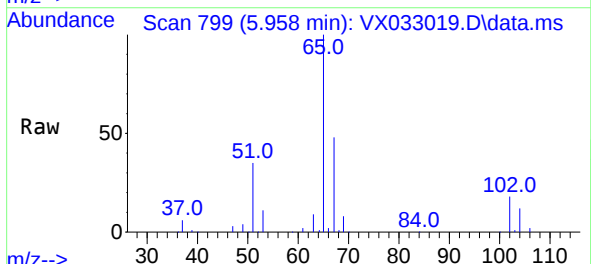


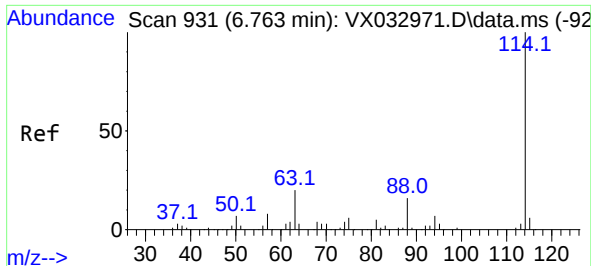
Tgt Ion: 56 Resp: 2708
Ion Ratio Lower Upper
56 100
69 149.0 24.1 36.1#
84 98.6 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 58.187 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 65 Resp: 70211
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.8

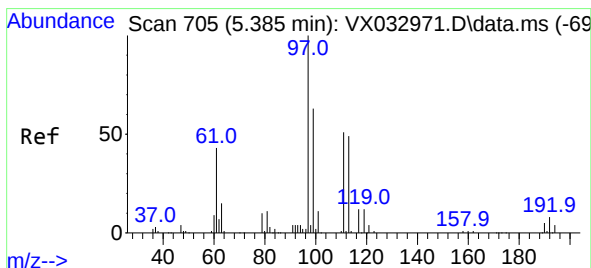
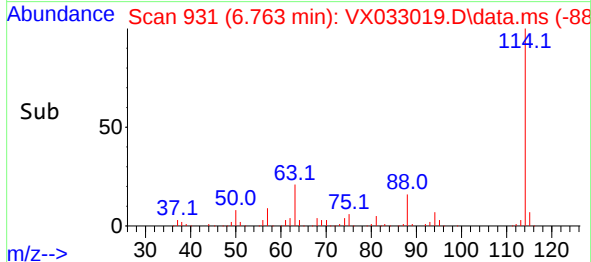
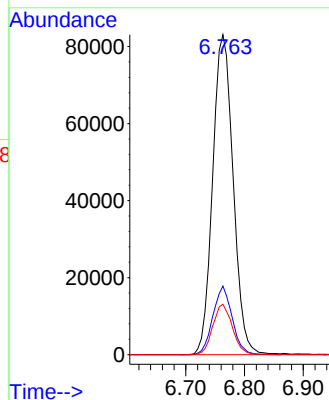
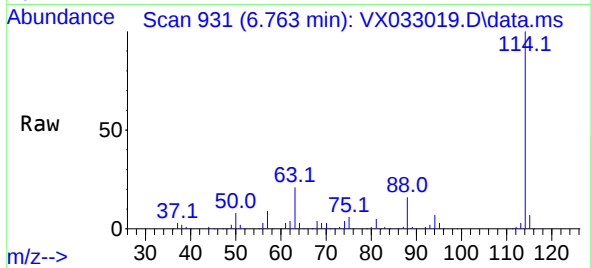




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

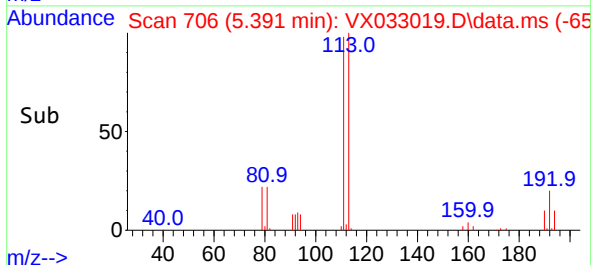
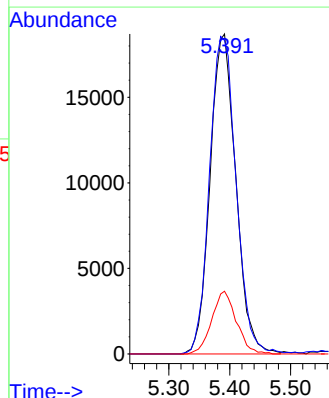
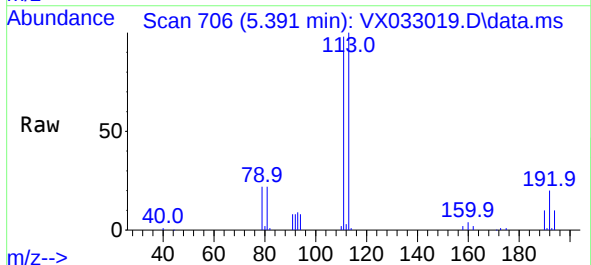
Instrument :
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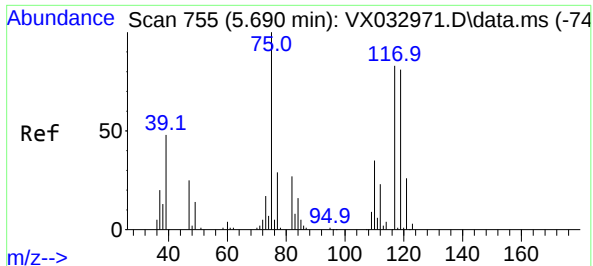
Tgt Ion:114 Resp: 201332
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.273 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion:113 Resp: 54791
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.8 15.4 23.2

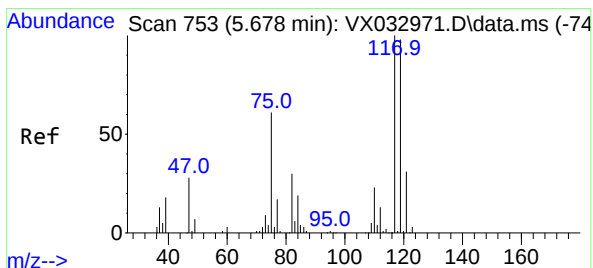
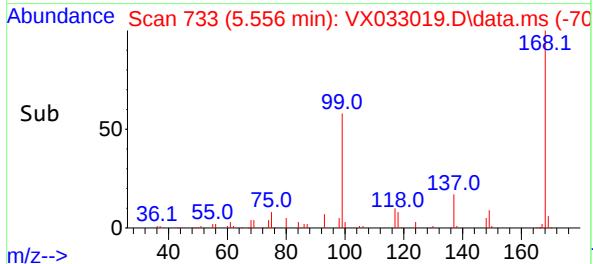
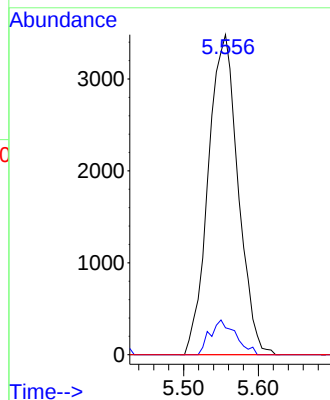
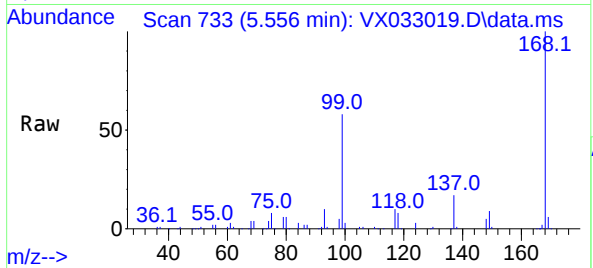




#36
1,1-Dichloropropene
Concen: 5.327 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

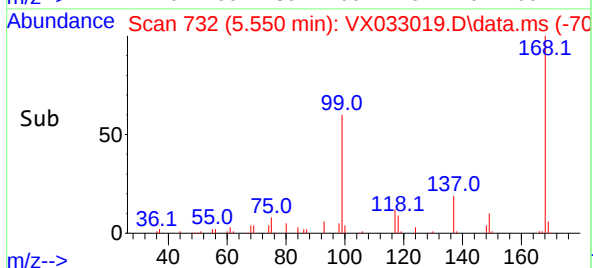
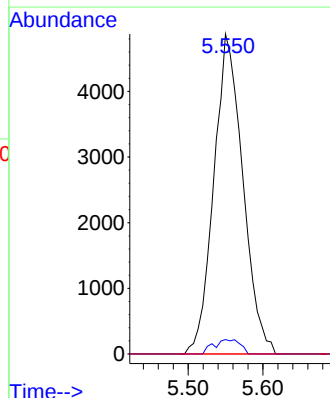
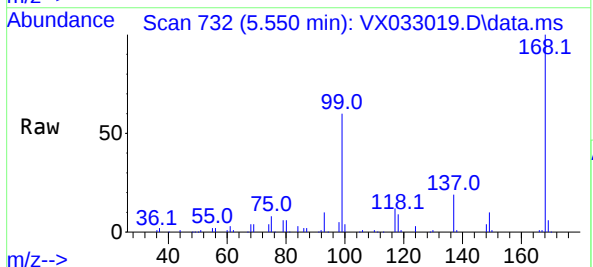
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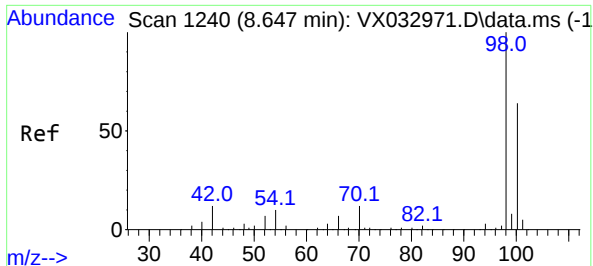
Tgt Ion: 75 Resp: 9667
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 117 Resp: 13143
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#

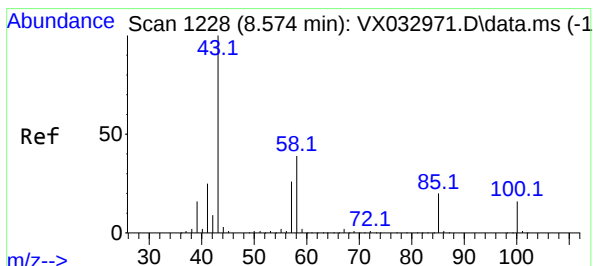
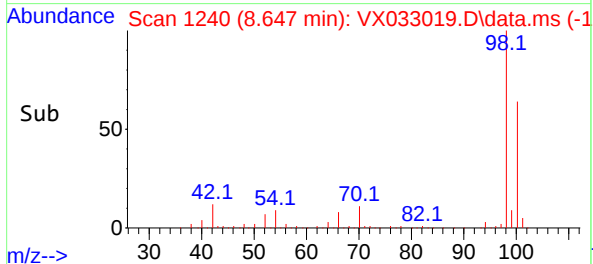
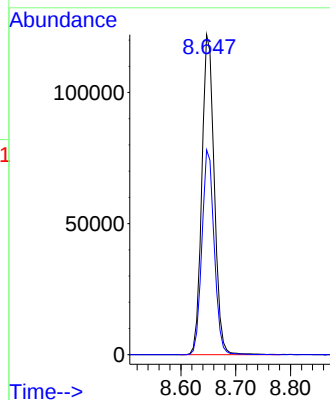
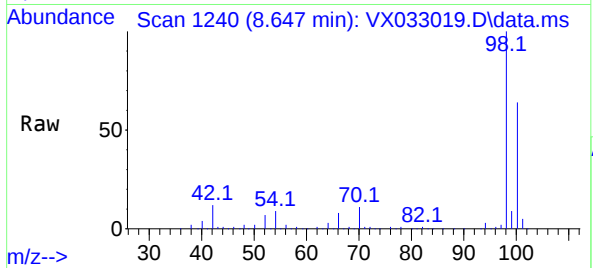




#50
Toluene-d8
Concen: 56.407 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

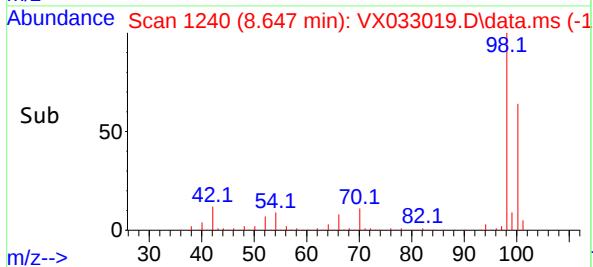
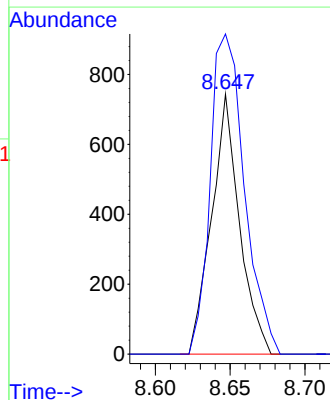
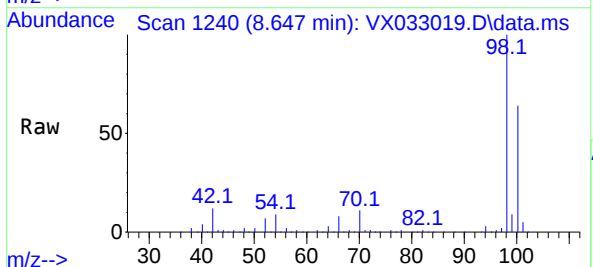
Instrument :
MSVOA_X
ClientSampleId :
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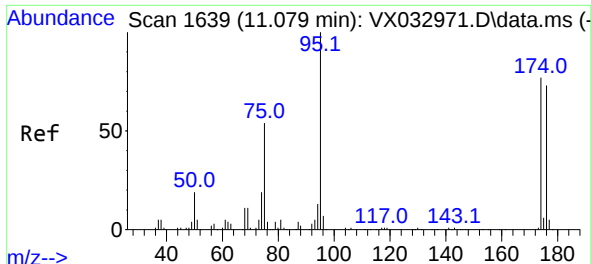
Tgt Ion: 98 Resp: 191692
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 151.4 30.9 46.3#

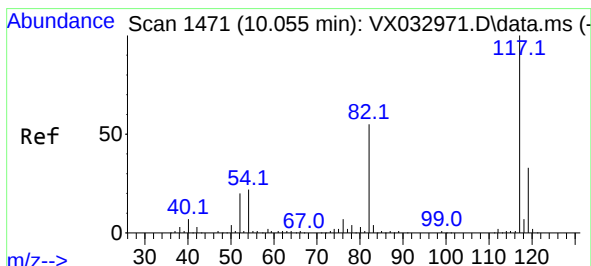
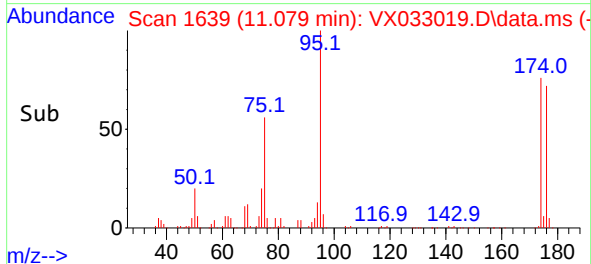
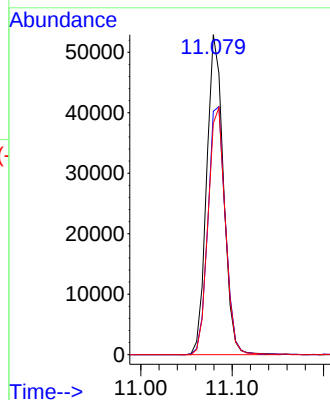
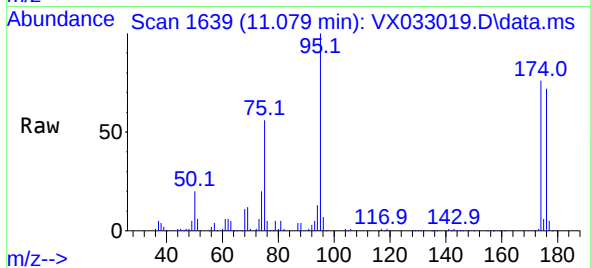




#62
4-Bromofluorobenzene
Concen: 45.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

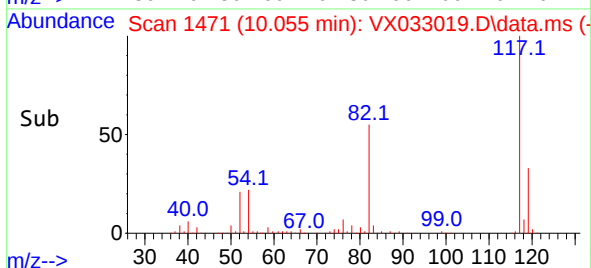
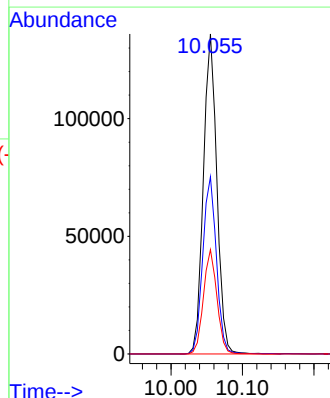
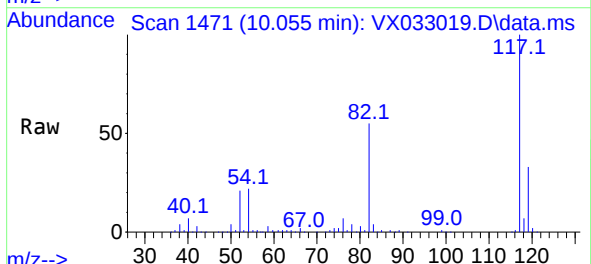
Instrument :
MSVOA_X
ClientSampleId :
MW-14

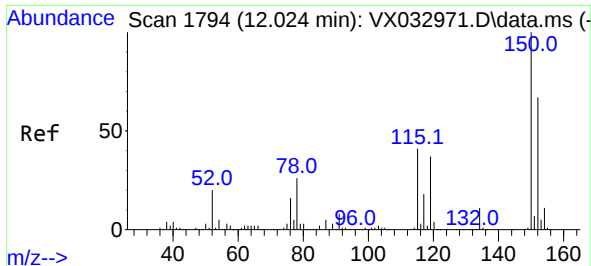
Tgt Ion: 95 Resp: 67212
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 117 Resp: 178226
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.6 25.7 38.5

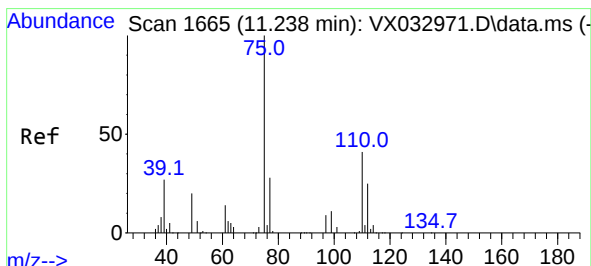
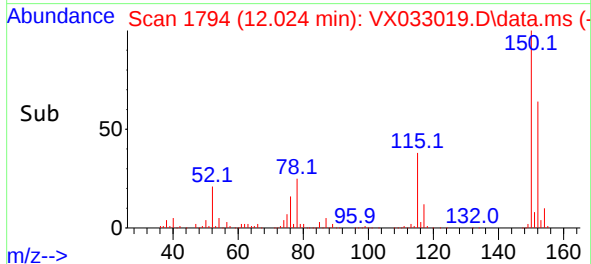
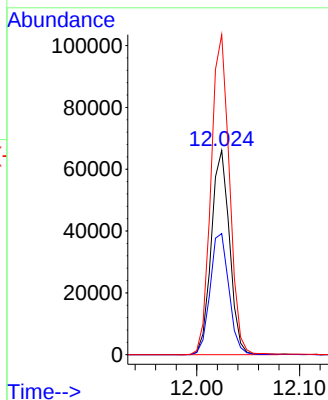
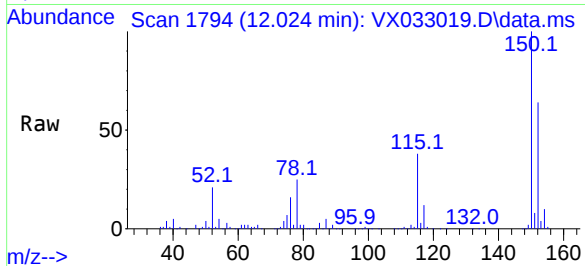




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

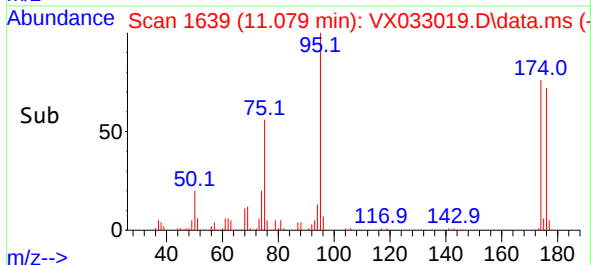
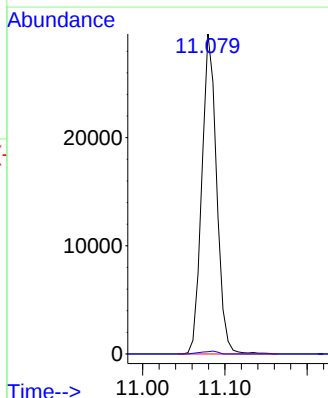
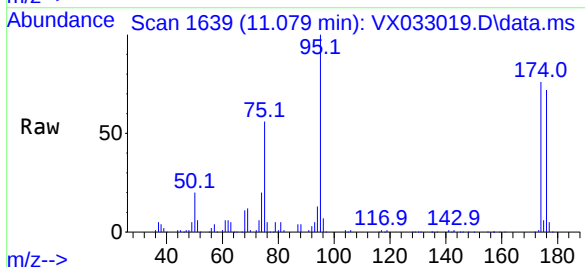
Instrument :
MSVOA_X
ClientSampleId :
MW-14

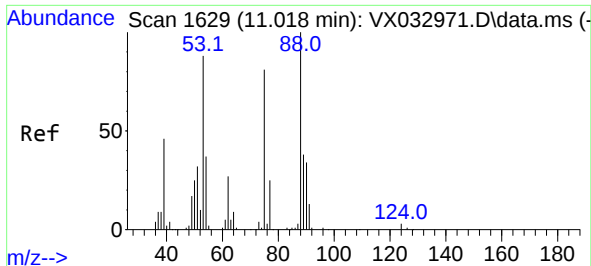
Tgt Ion:152 Resp: 81598
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 158.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 24.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Tgt Ion: 75 Resp: 37142
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.125 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033019.D
Acq: 23 Nov 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion: 75 Resp: 37142
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

