

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031650.D
 Acq On : 26 Sep 2022 15:47
 Operator : JC/MD
 Sample : VX0926WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBL01

Quant Time: Sep 27 01:53:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

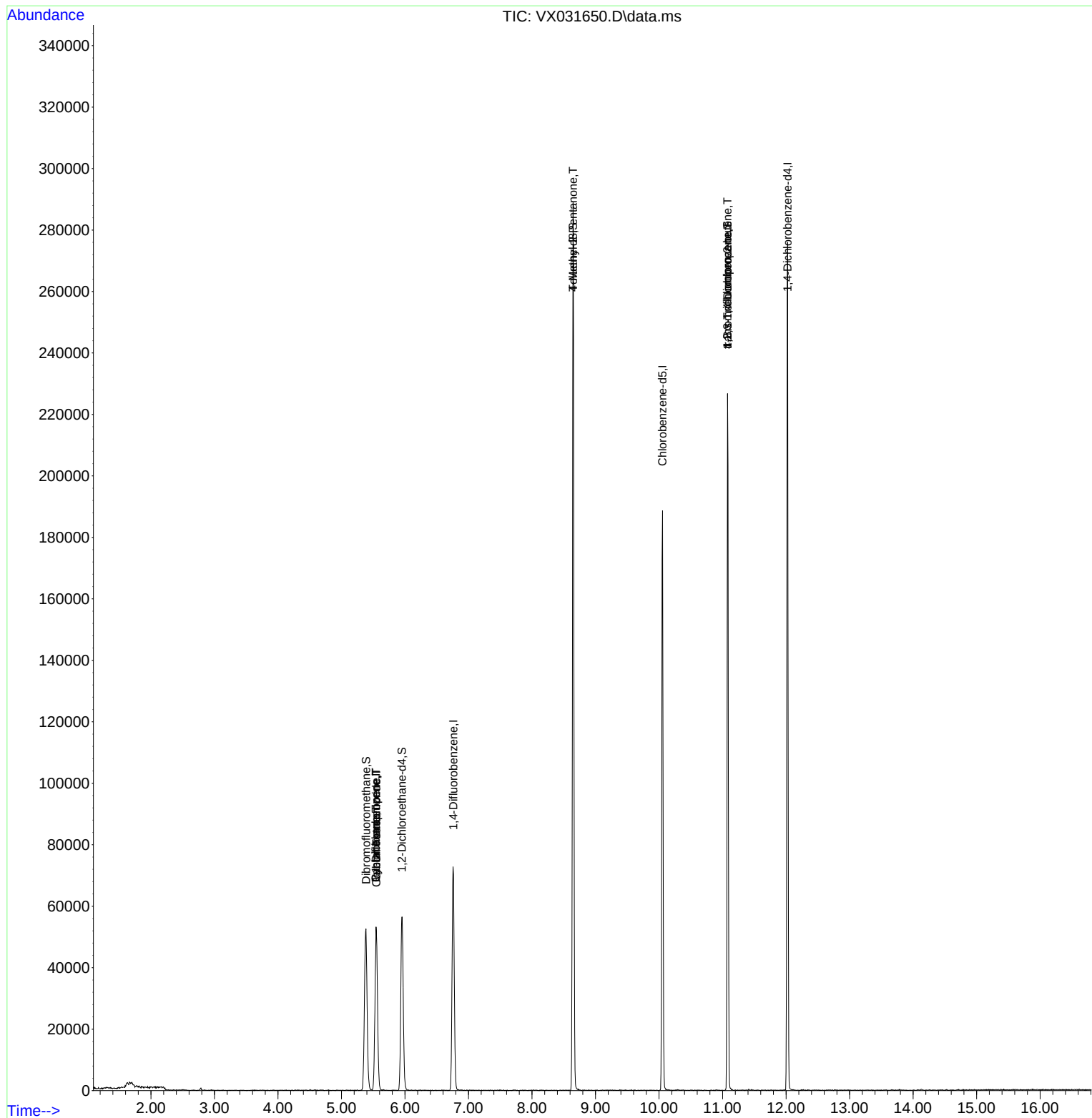
Internal Standards						
1) Pentafluorobenzene	5.544	168	50261	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	75576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52424	49.144	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.280%		
35) Dibromofluoromethane	5.385	113	43682	48.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.647	98	160789	49.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.500%		
62) 4-Bromofluorobenzene	11.079	95	52594	43.954	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	29	Below Cal	#	41
5) Bromomethane	1.618	94	449	Below Cal		94
6) Chloroethane	1.666	64	49	Below Cal	#	43
13) Acrolein	2.056	56	45	Below Cal	#	15
16) Acetone	2.215	43	90	Below Cal	#	45
17) Carbon Disulfide	2.520	76	252	Below Cal	#	75
20) Methylene Chloride	2.782	84	422	Below Cal	#	79
31) Cyclohexane	5.544	56	1143	1.127	ug/l #	66
36) 1,1-Dichloropropene	5.544	75	4154	4.017	ug/l #	49
38) Carbon Tetrachloride	5.550	117	4926	4.227	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	777	0.748	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30169	29.902	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30169	98.568	ug/l #	11

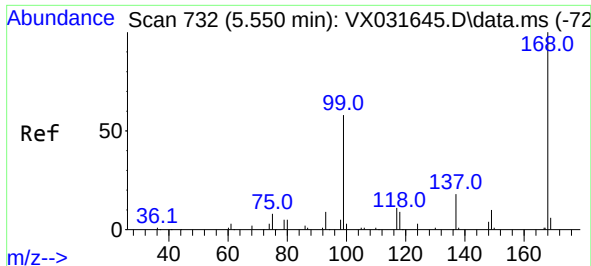
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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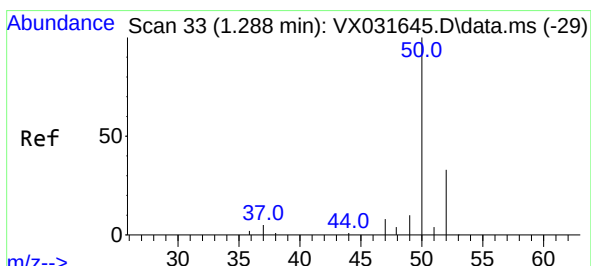
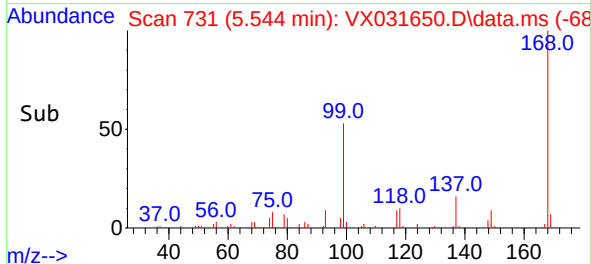
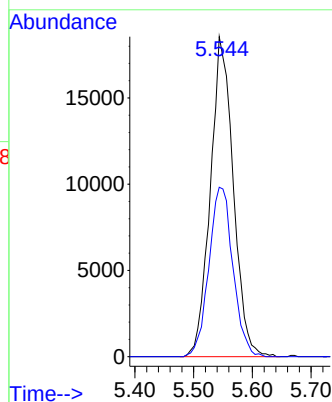
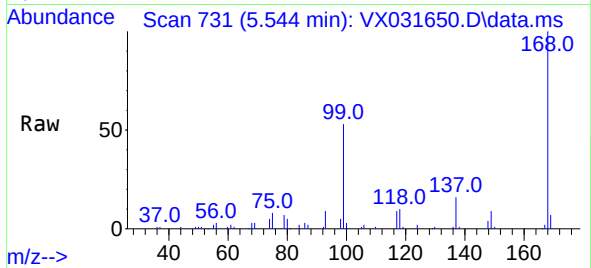




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

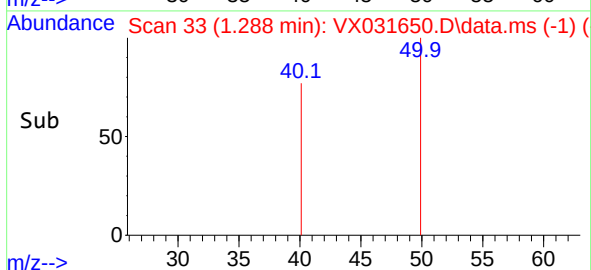
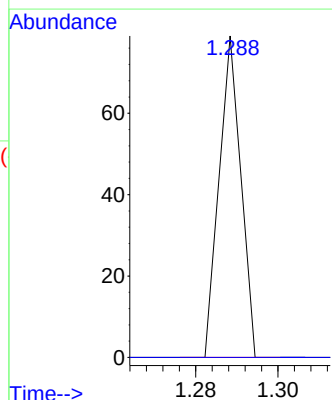
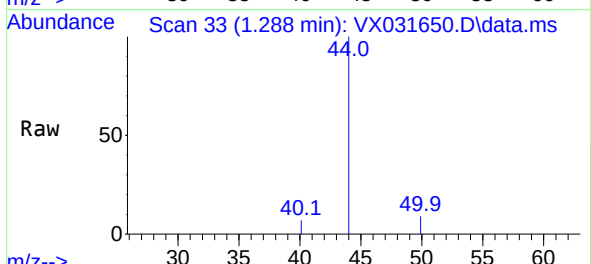
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

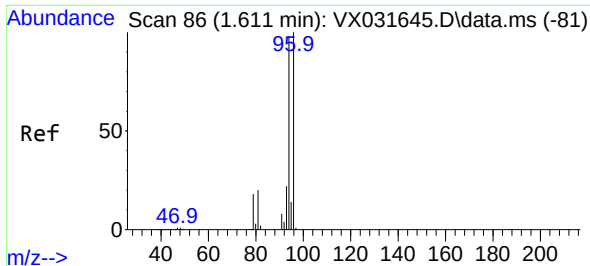
Tgt Ion:168 Resp: 50261
Ion Ratio Lower Upper
168 100
99 53.0 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Tgt Ion: 50 Resp: 29
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

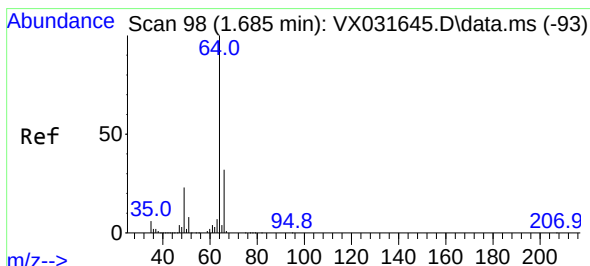
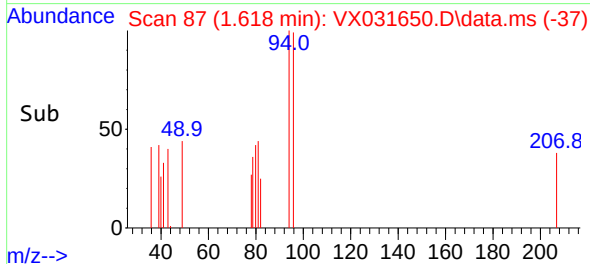
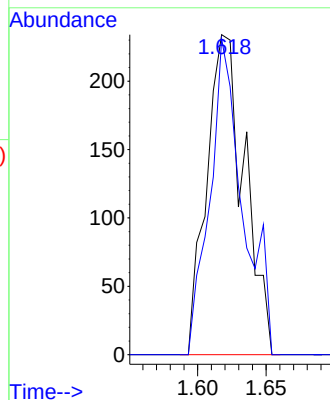
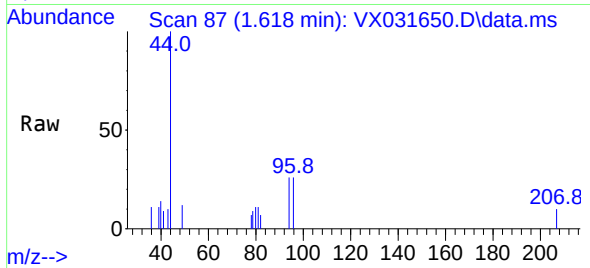




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

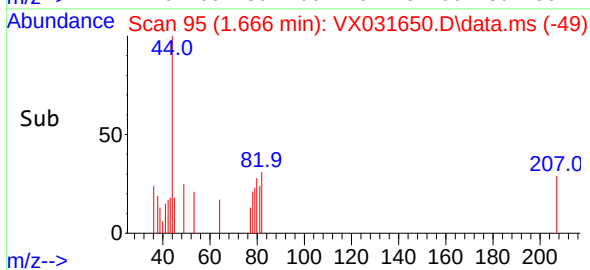
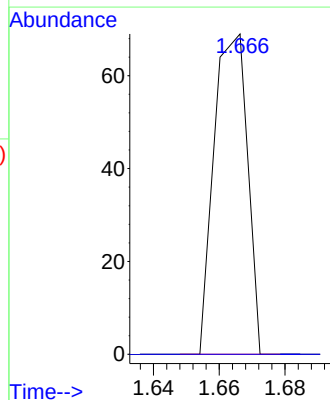
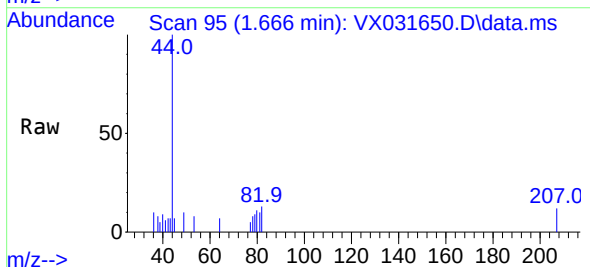
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

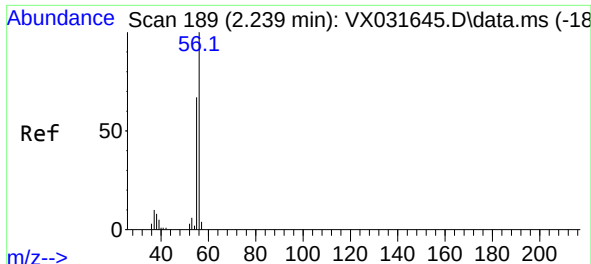
Tgt Ion: 94 Resp: 449
Ion Ratio Lower Upper
94 100
96 98.7 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

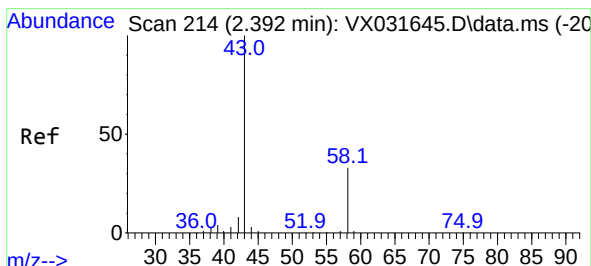
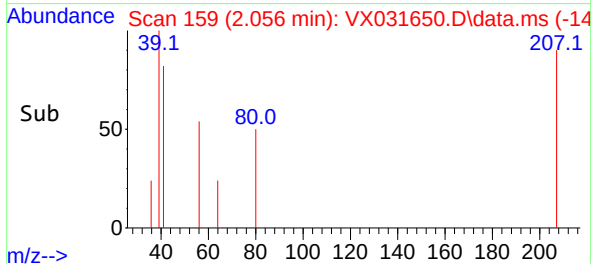
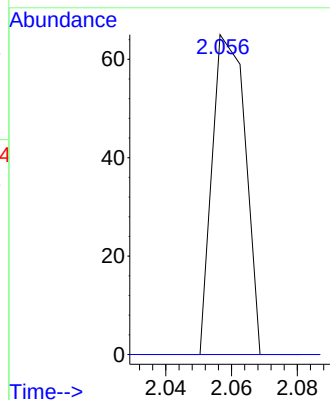
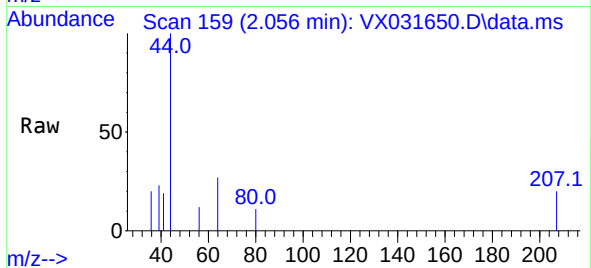




#13
Acrolein
Concen: Below Cal
RT: 2.056 min Scan# 11
Delta R.T. -0.183 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

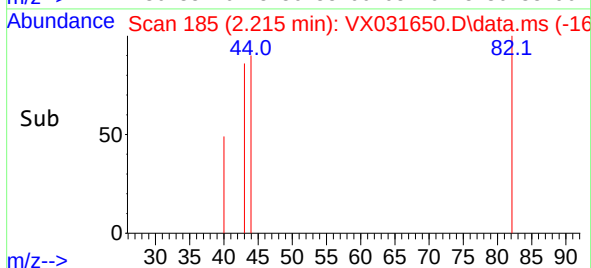
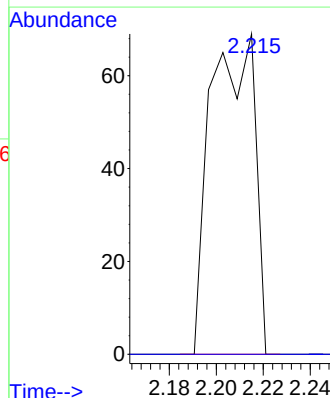
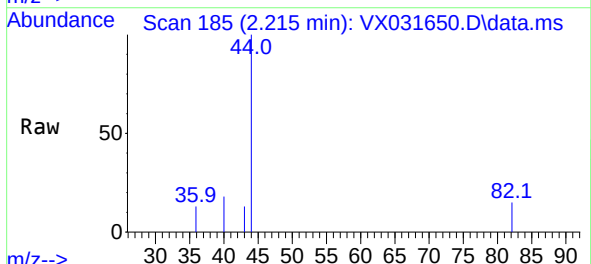
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

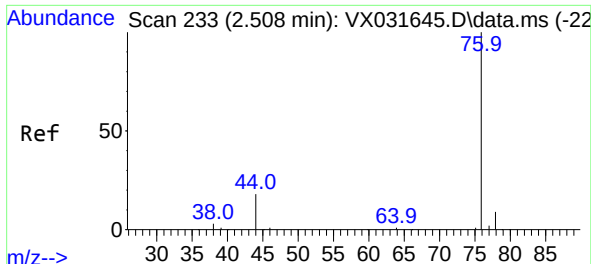
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.171 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

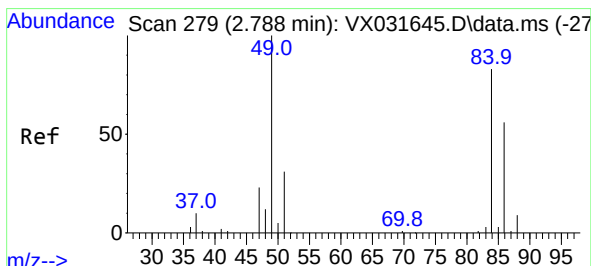
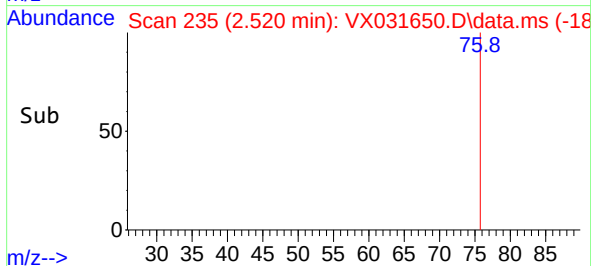
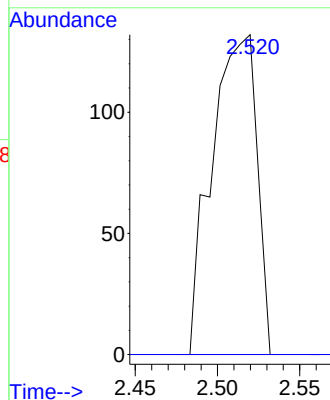
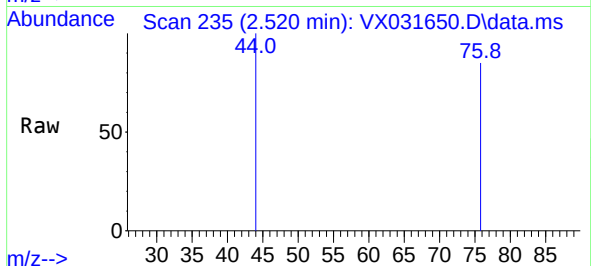




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

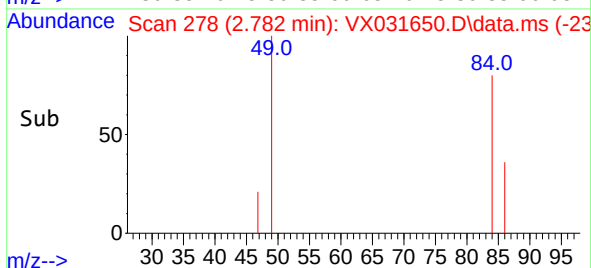
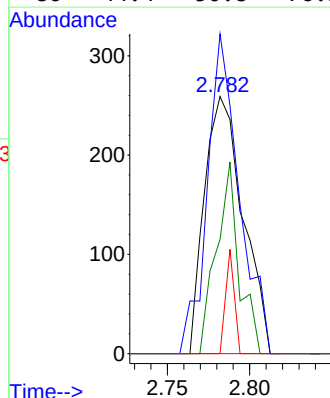
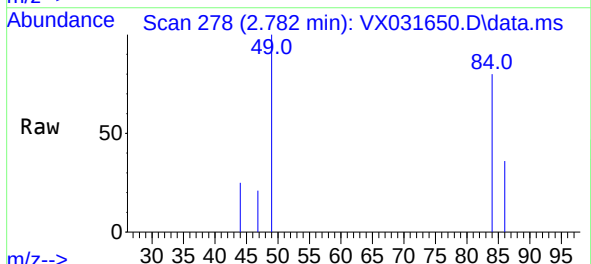
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

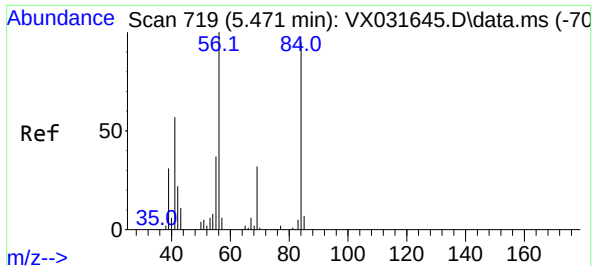
Tgt Ion: 76 Resp: 252
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

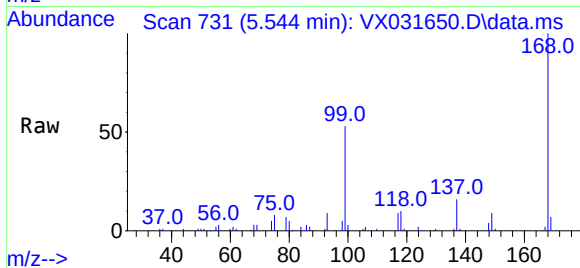
Tgt Ion: 84 Resp: 422
Ion Ratio Lower Upper
84 100
49 124.3 105.9 158.9
51 0.0 32.2 48.2#
86 44.4 50.8 76.2#



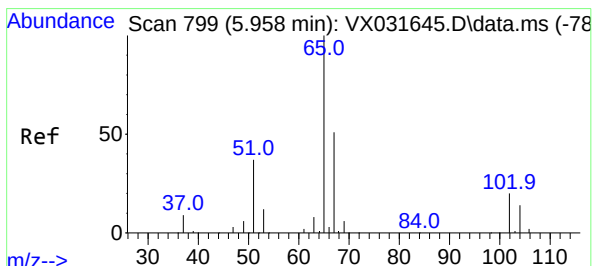
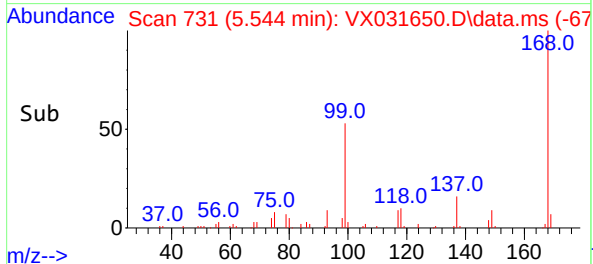
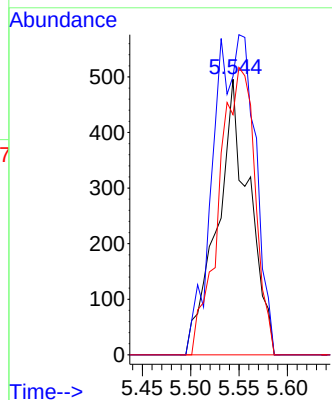


#31
Cyclohexane
Concen: 1.127 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

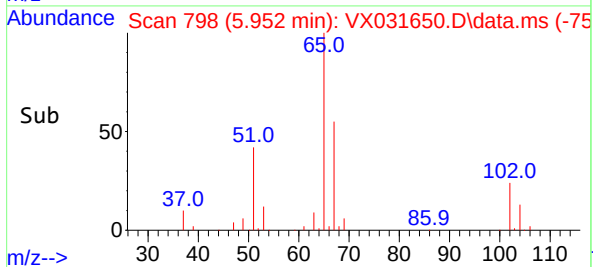
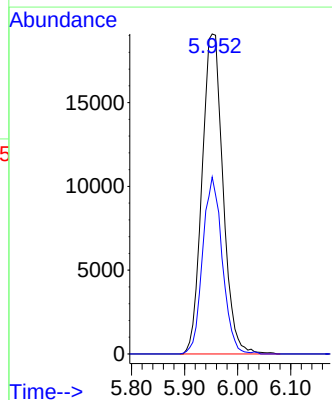
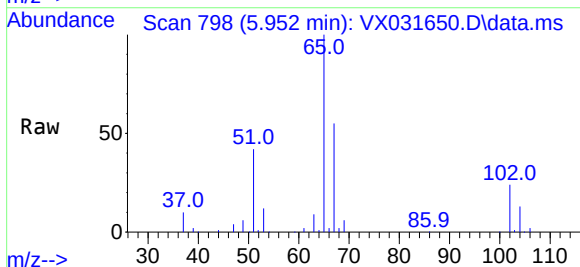


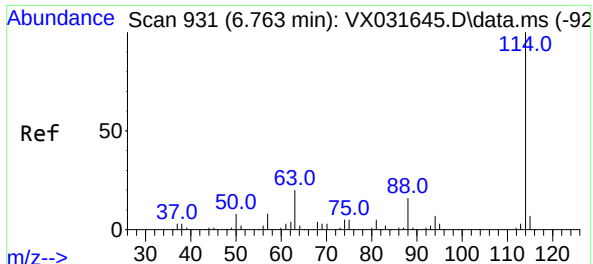
Tgt Ion: 56 Resp: 1143
Ion Ratio Lower Upper
56 100
69 101.0 25.1 37.7#
84 87.1 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 49.144 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Tgt Ion: 65 Resp: 52424
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

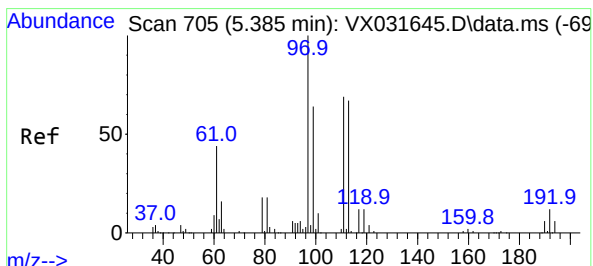
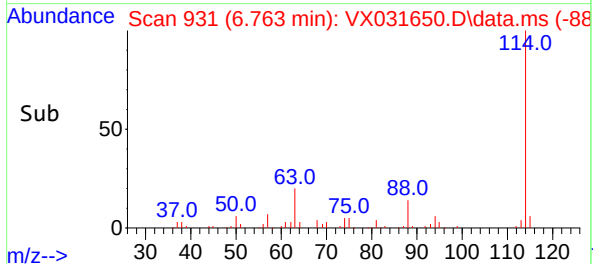
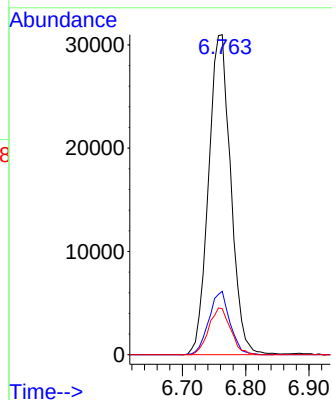
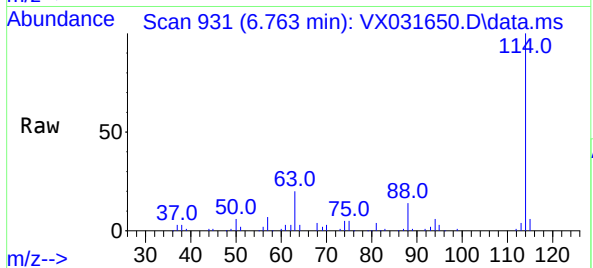




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

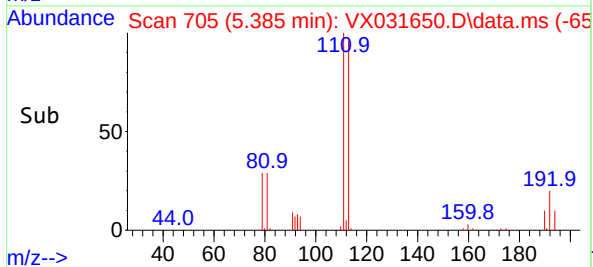
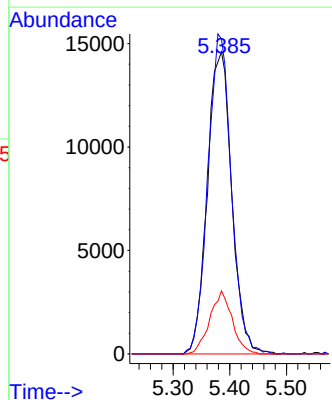
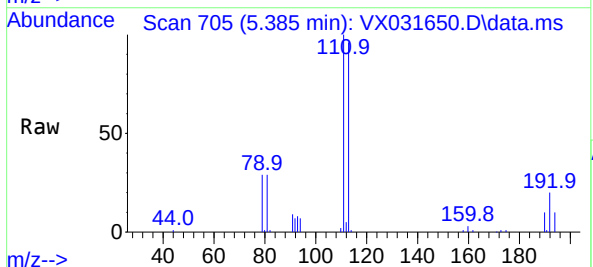
Instrument :
MSVOA_X
ClientSampleId :
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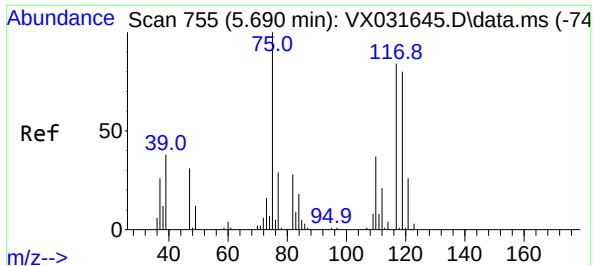
Tgt Ion:114 Resp: 75576
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.508 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Tgt Ion:113 Resp: 43682
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 4.017 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX031650.D

Acq: 26 Sep 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBL01

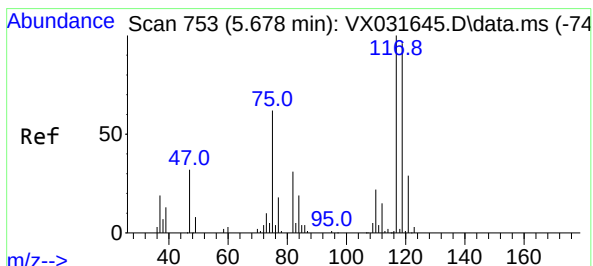
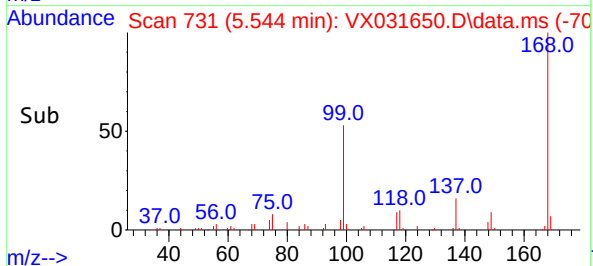
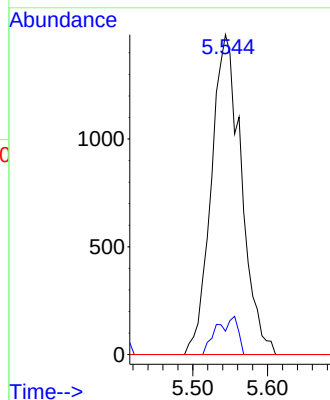
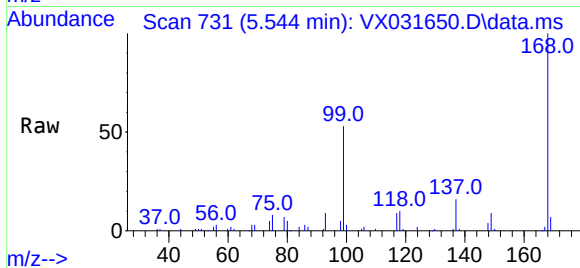
Tgt Ion: 75 Resp: 4154

Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.227 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031650.D

Acq: 26 Sep 2022 15:47

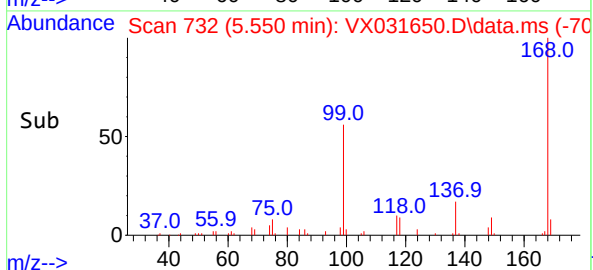
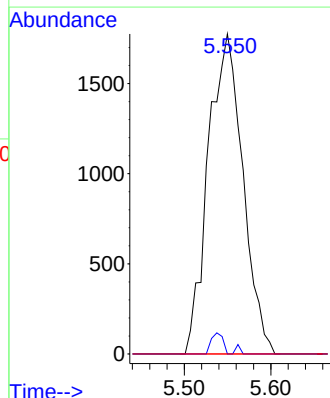
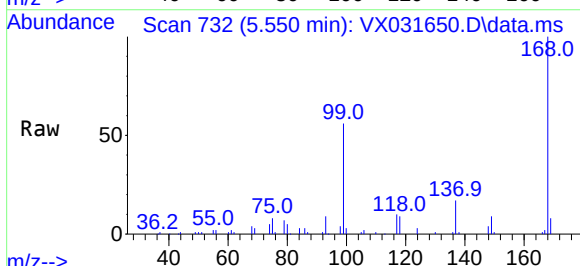
Tgt Ion: 117 Resp: 4926

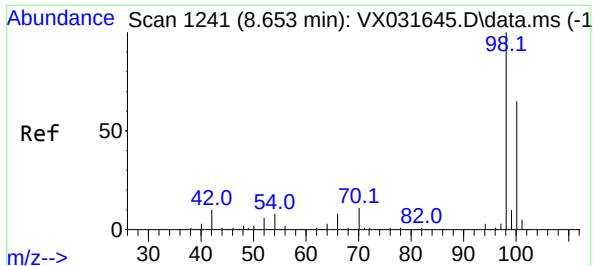
Ion Ratio Lower Upper

117 100

119 0.0 74.6 112.0#

121 0.0 25.3 37.9#

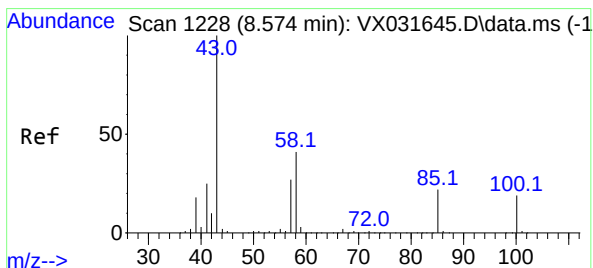
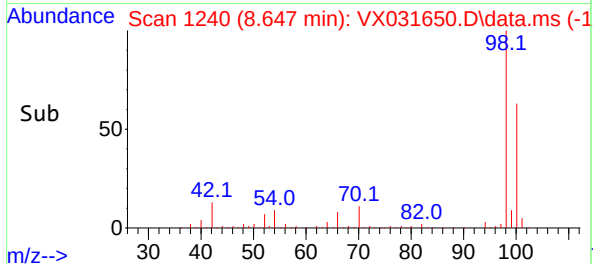
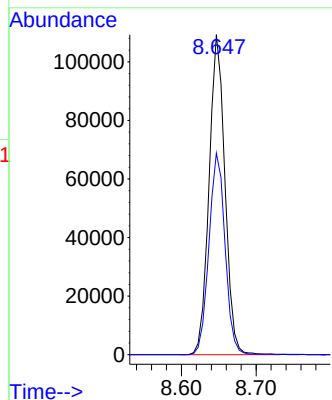
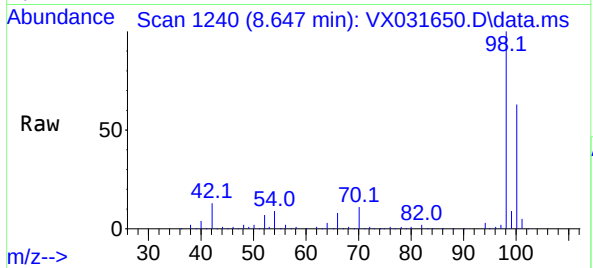




#50
Toluene-d8
Concen: 49.251 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

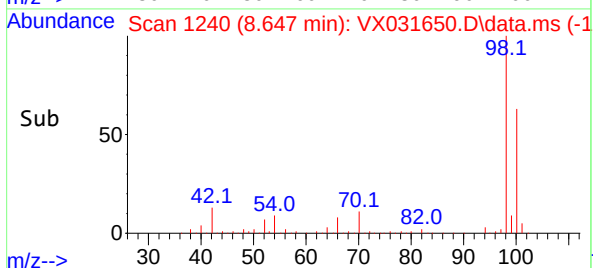
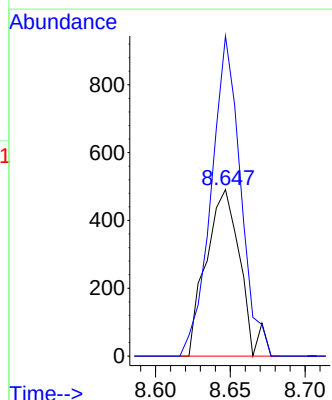
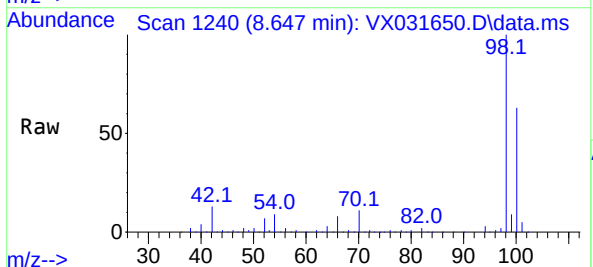
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

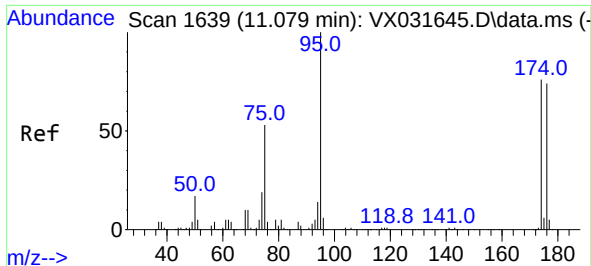
Tgt Ion: 98 Resp: 160789
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.748 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
58 165.9 30.6 46.0#

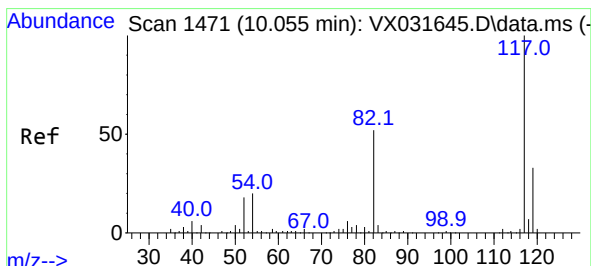
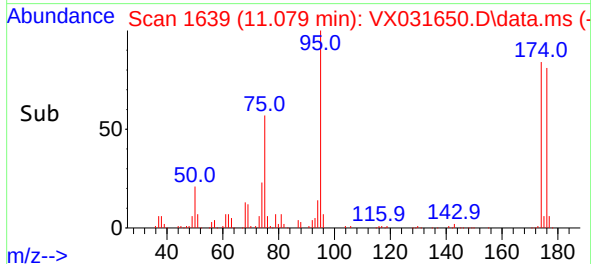
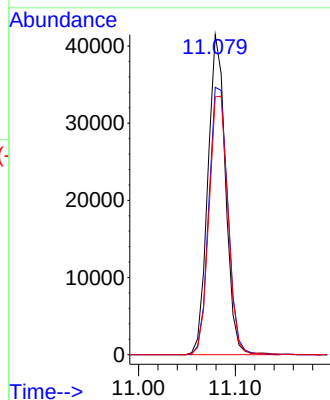
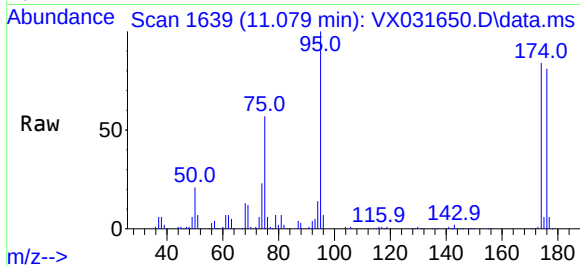




#62
4-Bromofluorobenzene
Concen: 43.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

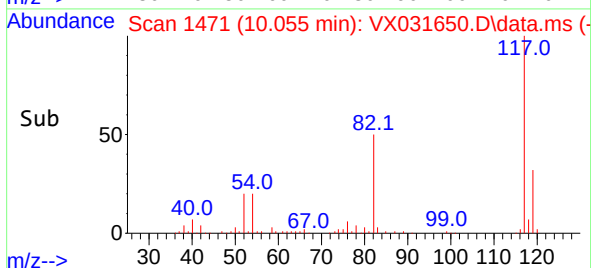
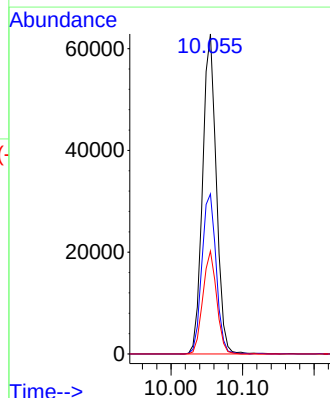
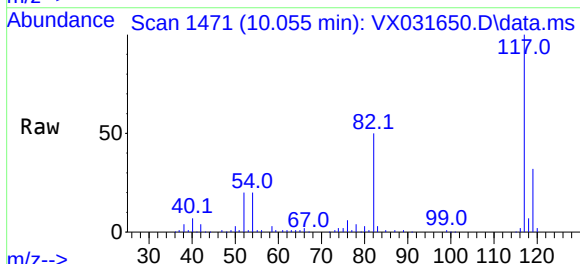
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

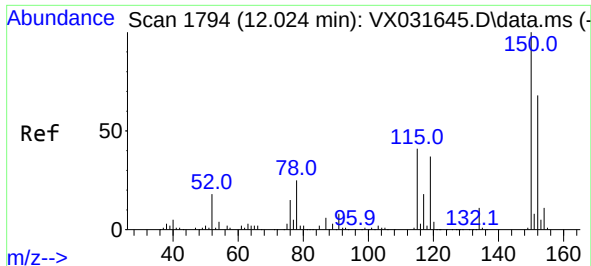
Tgt Ion: 95 Resp: 52594
Ion Ratio Lower Upper
95 100
174 90.1 0.0 153.2
176 86.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Tgt Ion: 117 Resp: 83957
Ion Ratio Lower Upper
117 100
82 50.0 46.8 70.2
119 32.2 26.4 39.6

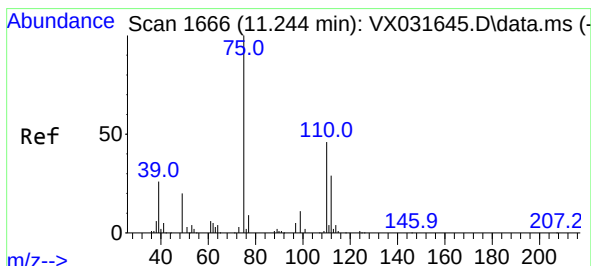
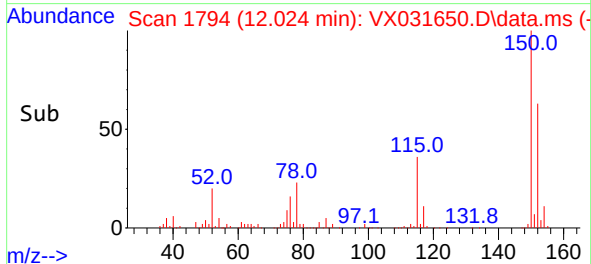
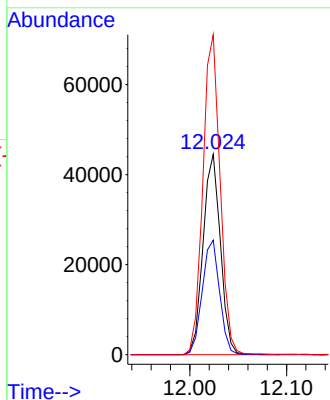
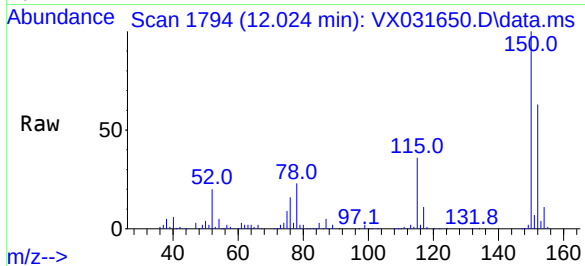




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

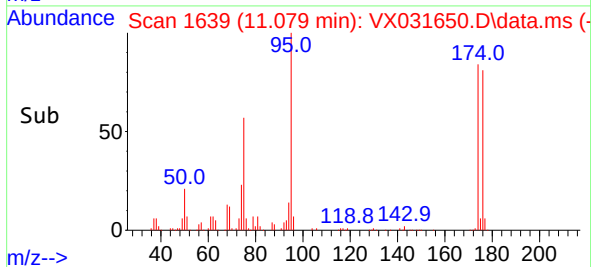
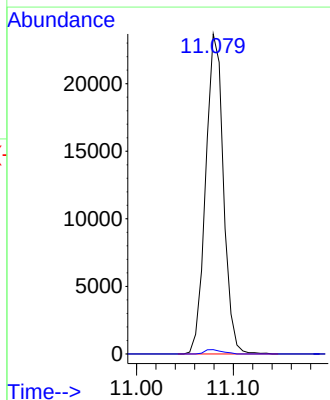
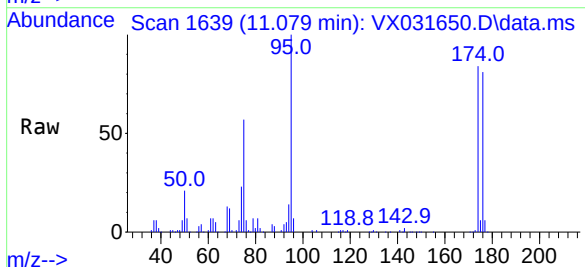
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01

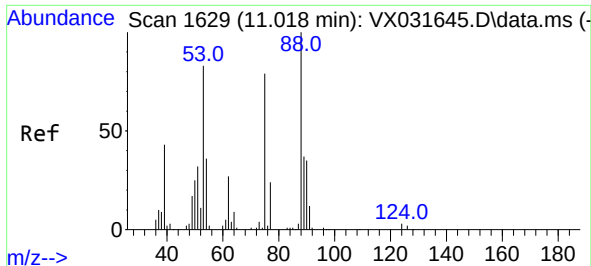
Tgt Ion:152 Resp: 55654
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 158.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

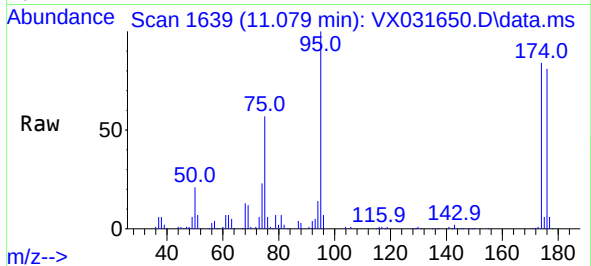
Tgt Ion: 75 Resp: 30169
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.568 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031650.D
Acq: 26 Sep 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL01



Tgt Ion: 75 Resp: 30169
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

