

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031799.D
 Acq On : 30 Sep 2022 04:57
 Operator : JC/MD
 Sample : N4864-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Sep 30 06:27:01 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)

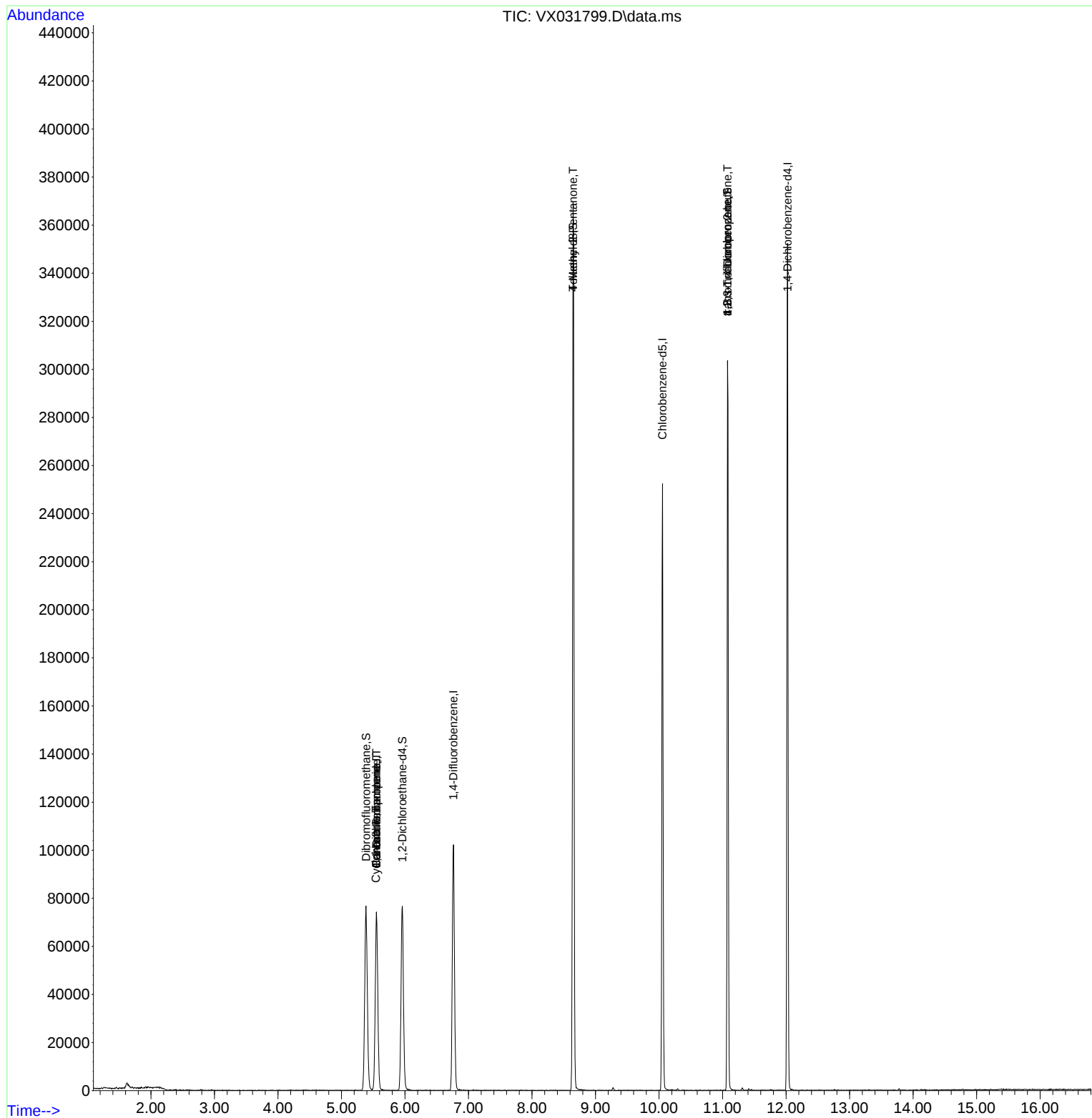
Internal Standards						
1) Pentafluorobenzene	5.550	168	69876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74550	50.268	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.540%	
35) Dibromofluoromethane	5.385	113	64347	48.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.640%	
50) Toluene-d8	8.647	98	224192	46.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.840%	
62) 4-Bromofluorobenzene	11.079	95	79932	45.642	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	88	Below Cal	#	41
5) Bromomethane	1.611	94	494	Below Cal		93
6) Chloroethane	1.679	64	23	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	26	Below Cal	#	18
11) Tert butyl alcohol	2.953	59	20	Below Cal	#	73
16) Acetone	2.386	43	440	Below Cal	#	45
17) Carbon Disulfide	2.514	76	133	Below Cal	#	75
20) Methylene Chloride	2.788	84	225	Below Cal	#	63
31) Cyclohexane	5.544	56	1365	0.968	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	5103	3.371	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7160	4.197	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	885	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41555	30.640	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41555	100.928	ug/l #	11

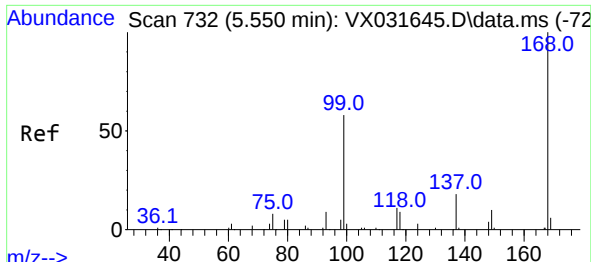
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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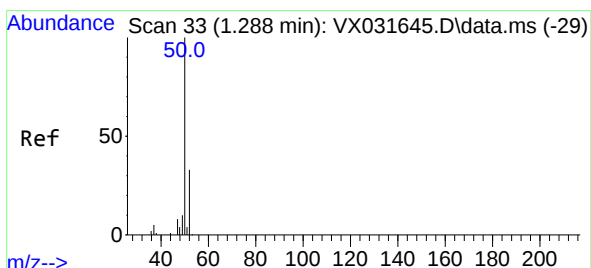
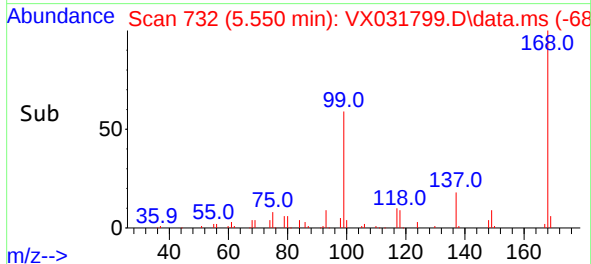
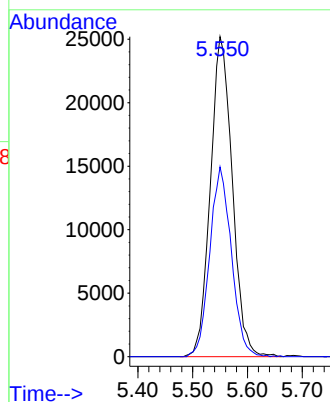
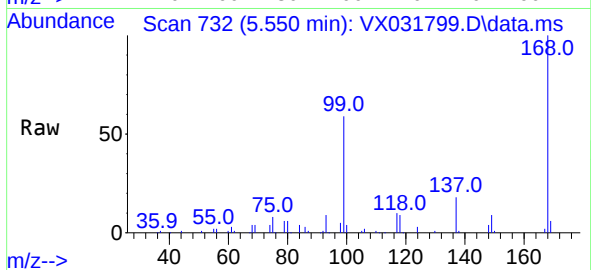




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

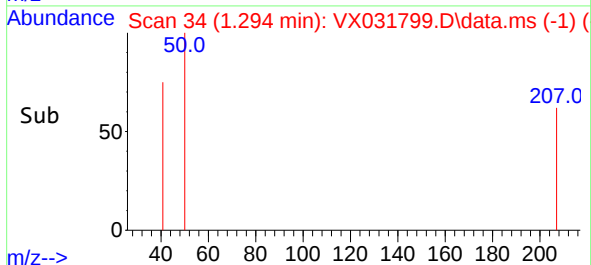
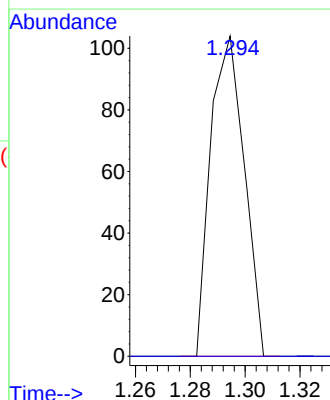
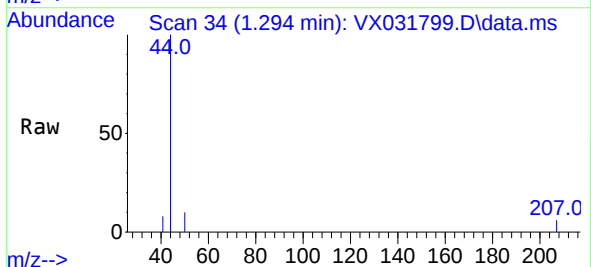
Instrument :
MSVOA_X
ClientSampleId :
MW-11

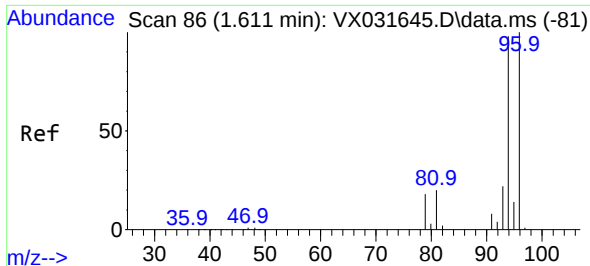
Tgt Ion:168 Resp: 69876
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 50 Resp: 88
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

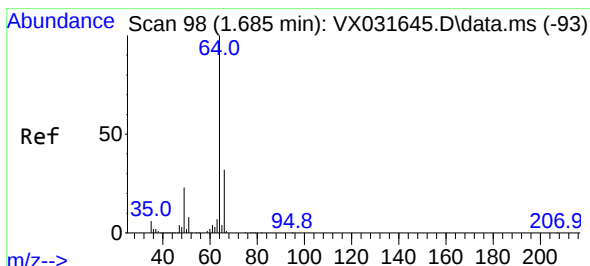
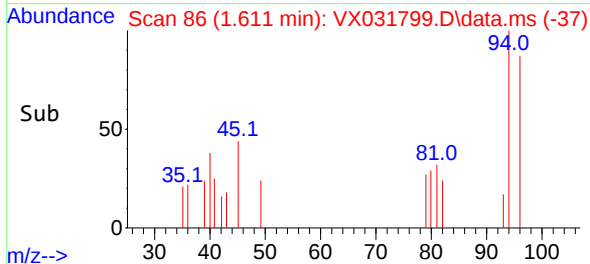
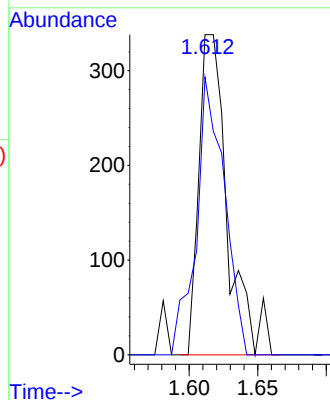
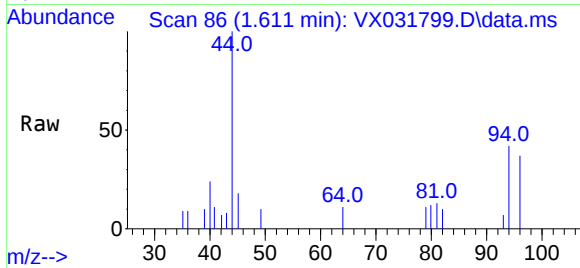




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

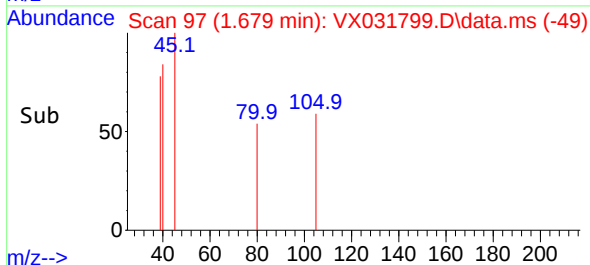
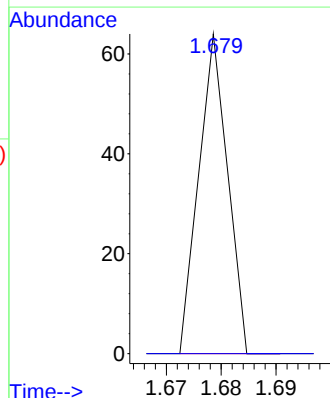
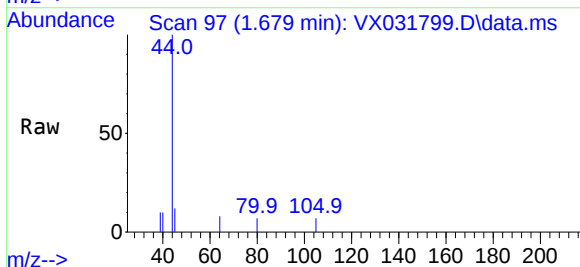
Instrument :
MSVOA_X
ClientSampleId :
MW-11

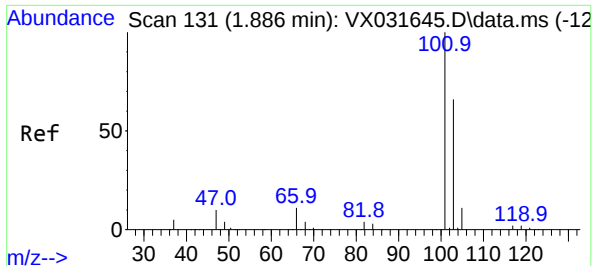
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 86.7 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

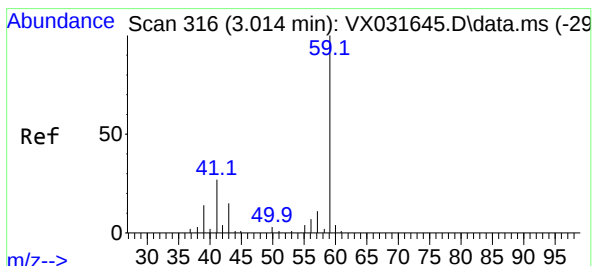
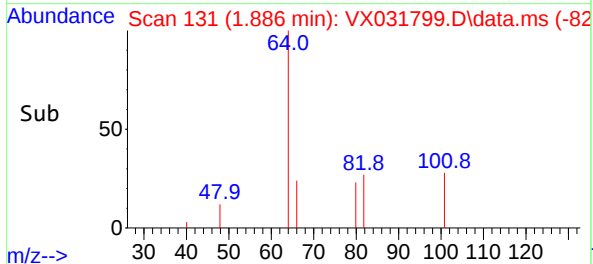
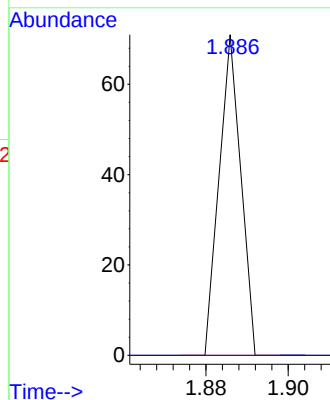
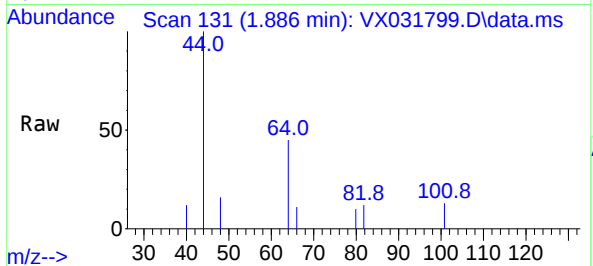




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

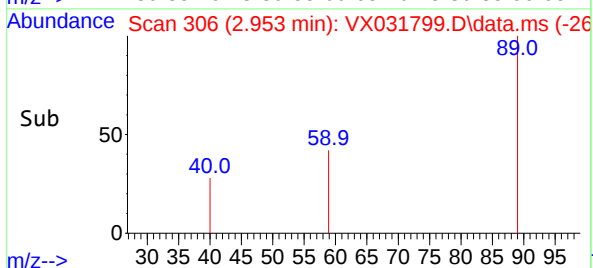
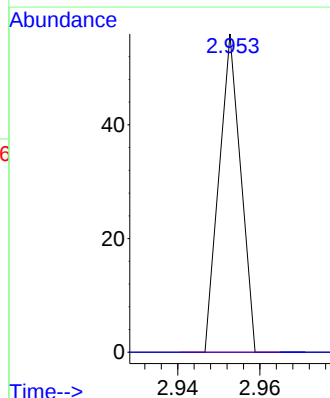
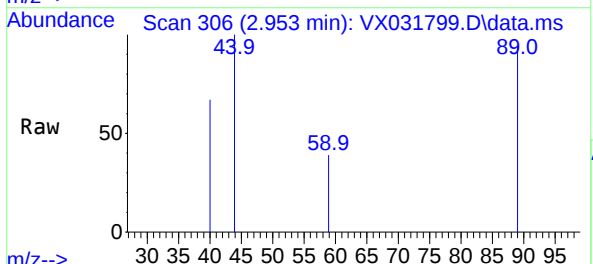
Instrument :
MSVOA_X
ClientSampleId :
MW-11

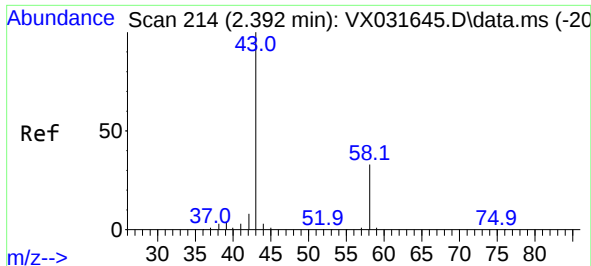
Tgt Ion:101 Resp: 26
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

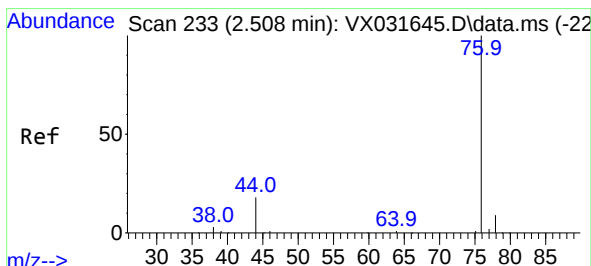
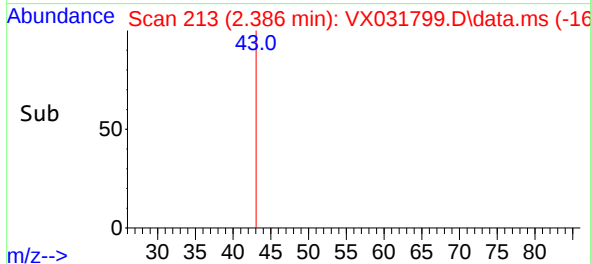
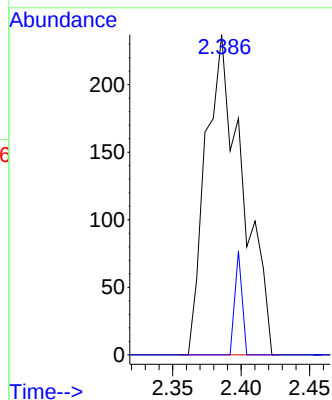
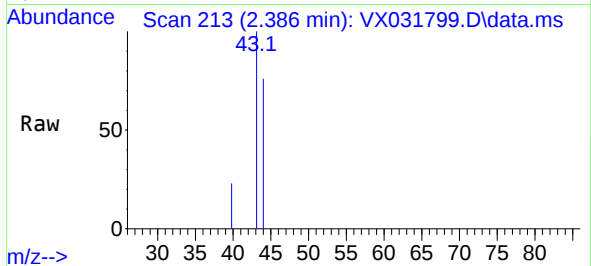




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

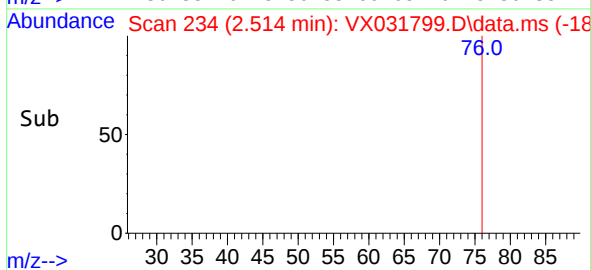
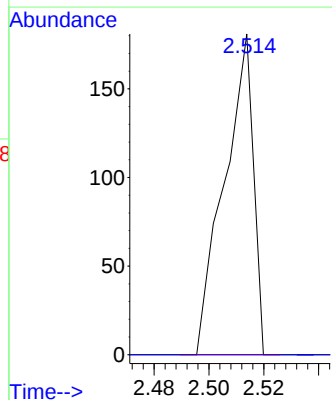
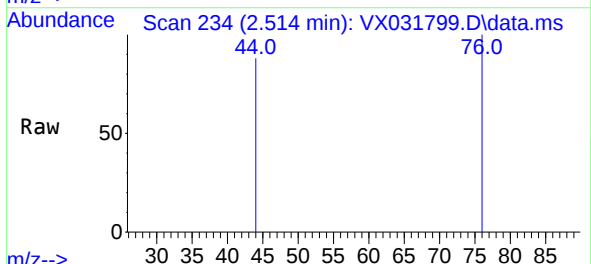
Instrument :
MSVOA_X
ClientSampleId :
MW-11

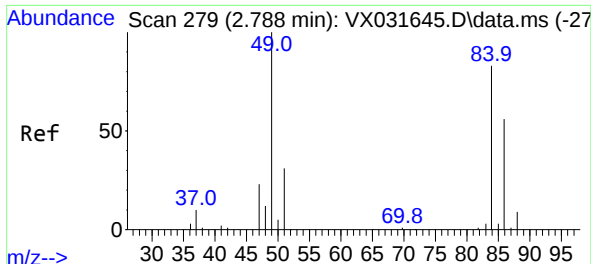
Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 76 Resp: 133
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031799.D

Acq: 30 Sep 2022 04:57

Instrument :

MSVOA_X

ClientSampleId :

MW-11

Tgt Ion: 84 Resp: 225

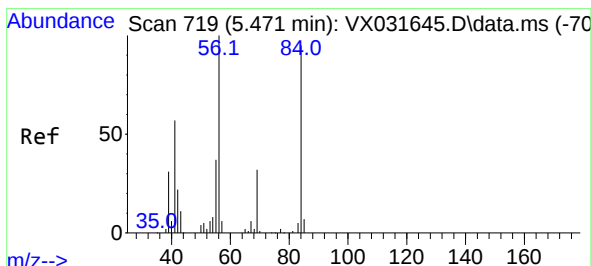
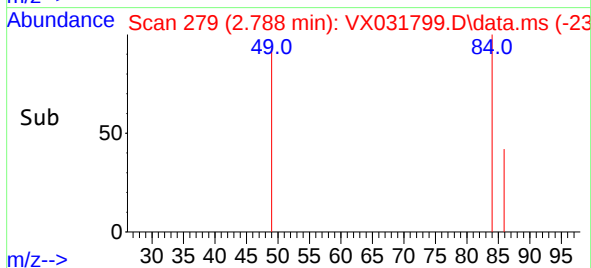
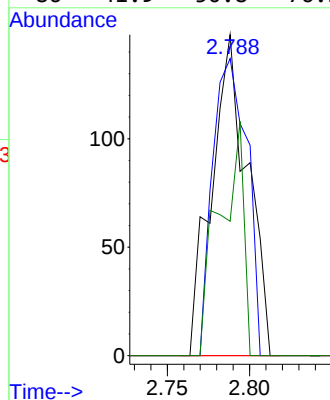
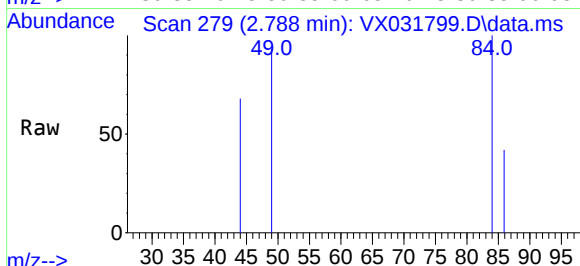
Ion Ratio Lower Upper

84 100

49 92.6 105.9 158.9#

51 0.0 32.2 48.2#

86 41.9 50.8 76.2#



#31

Cyclohexane

Concen: 0.968 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX031799.D

Acq: 30 Sep 2022 04:57

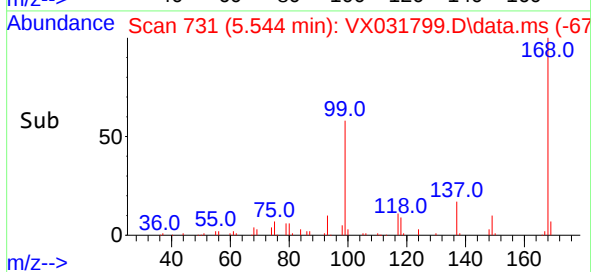
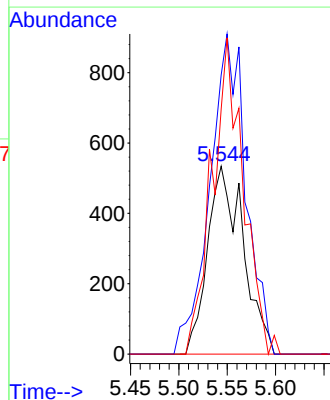
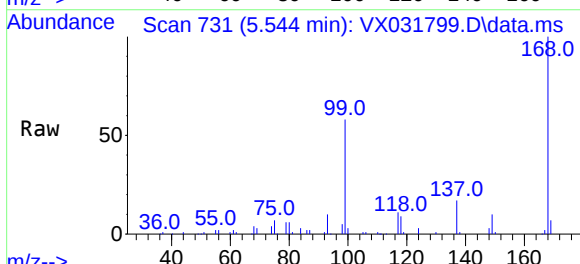
Tgt Ion: 56 Resp: 1365

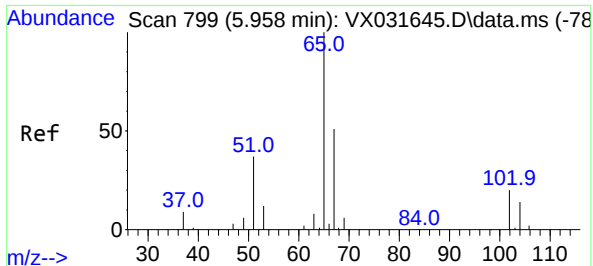
Ion Ratio Lower Upper

56 100

69 148.5 25.1 37.7#

84 130.3 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 50.268 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031799.D

Acq: 30 Sep 2022 04:57

Instrument :

MSVOA_X

ClientSampleId :

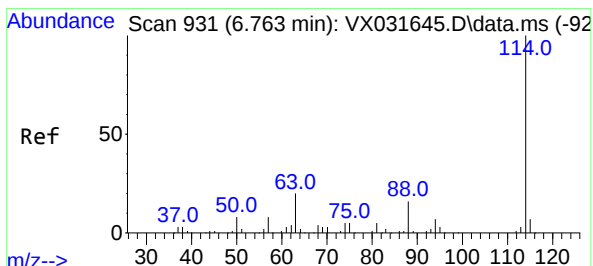
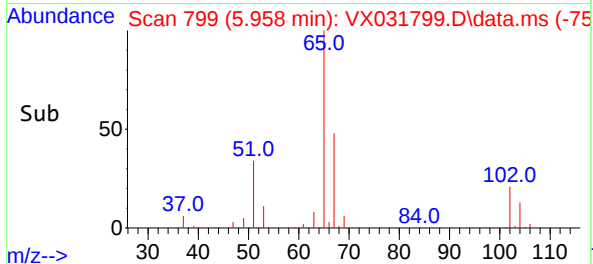
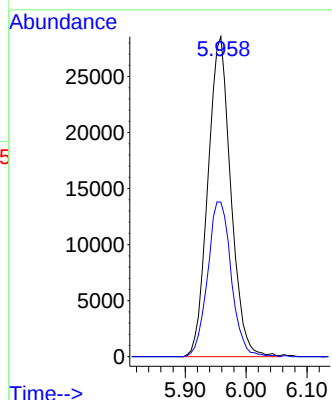
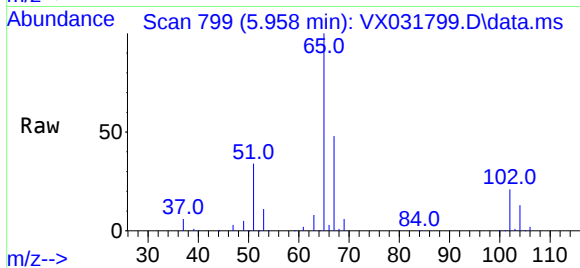
MW-11

Tgt Ion: 65 Resp: 74550

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031799.D

Acq: 30 Sep 2022 04:57

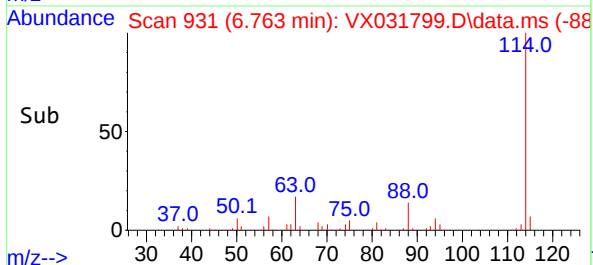
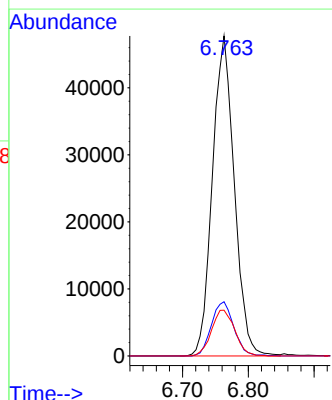
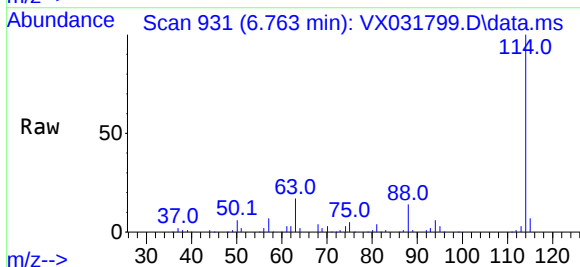
Tgt Ion: 114 Resp: 110613

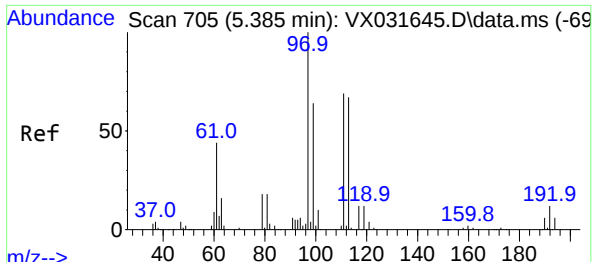
Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.6

88 14.3 0.0 33.0

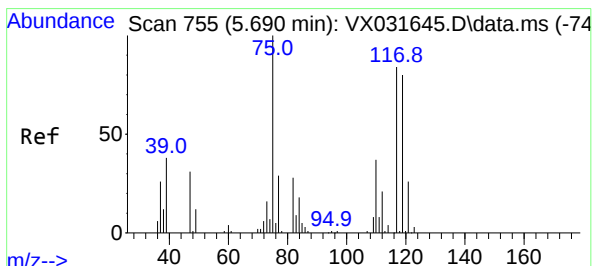
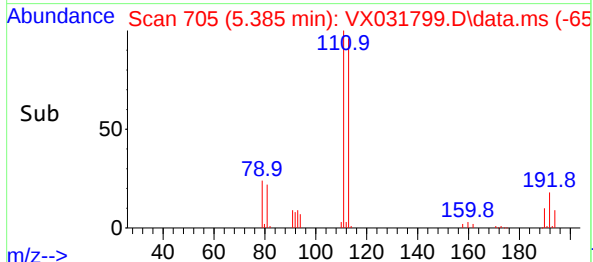
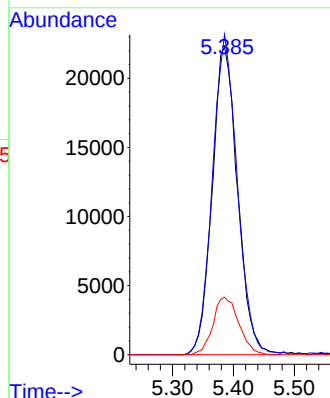
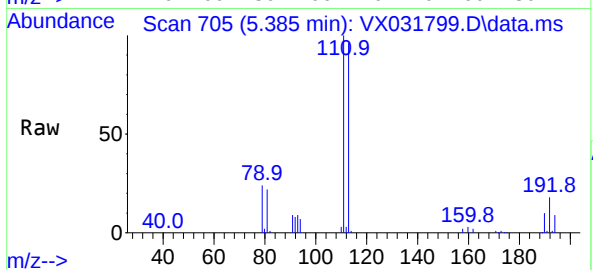




#35
Dibromofluoromethane
Concen: 48.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

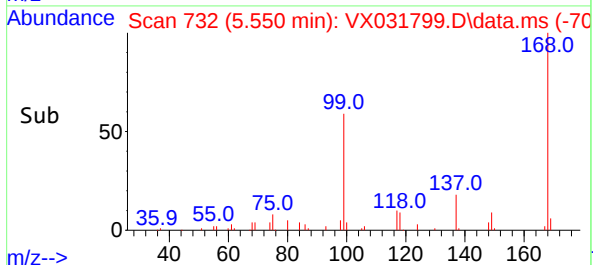
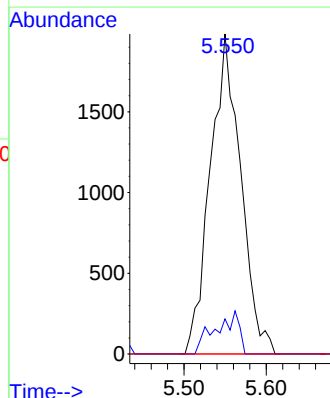
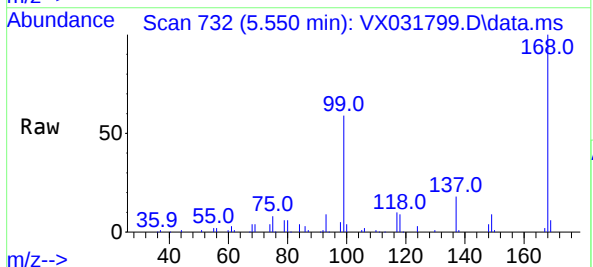
Instrument :
MSVOA_X
ClientSampleId :
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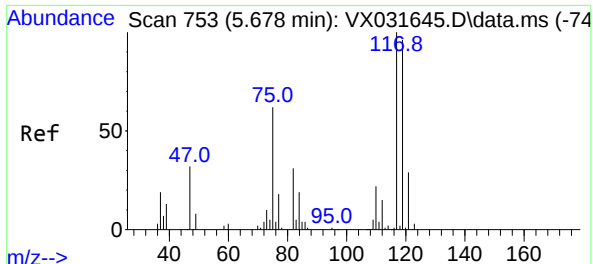
Tgt Ion:113 Resp: 64347
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.371 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 75 Resp: 5103
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.5#
77 0.0 24.9 37.3#

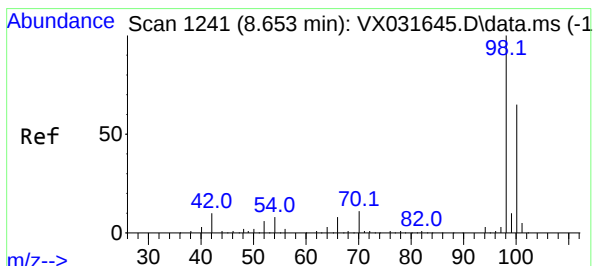
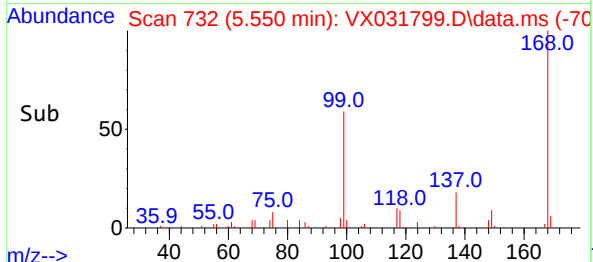
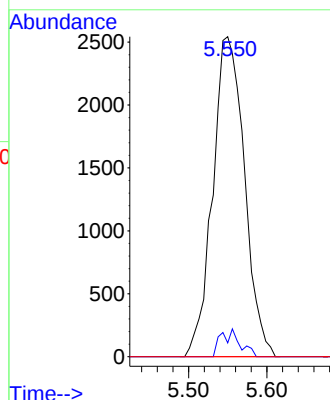
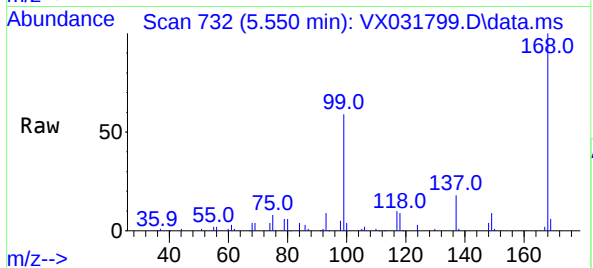




#38
Carbon Tetrachloride
Concen: 4.197 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

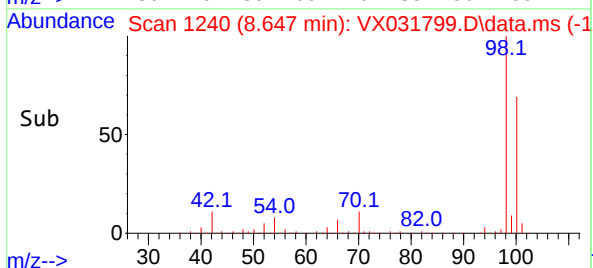
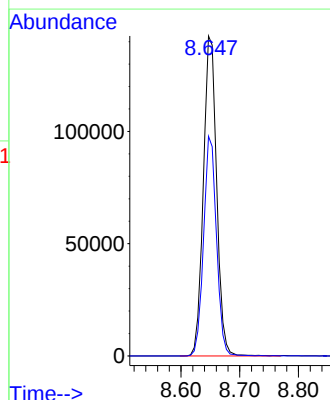
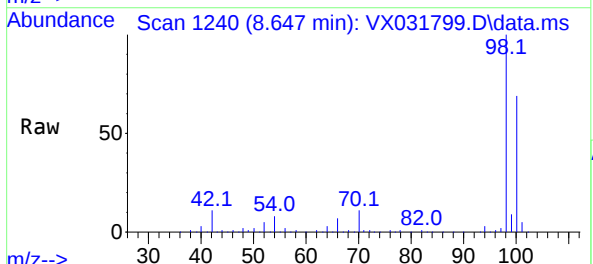
Instrument :
MSVOA_X
ClientSampleId :
MW-11

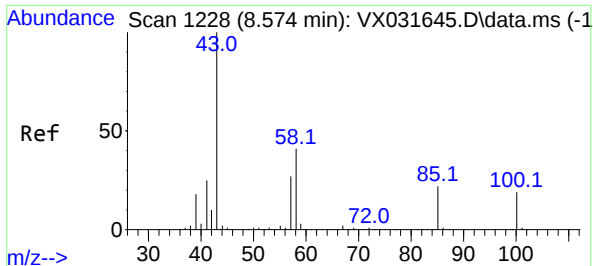
Tgt Ion:117 Resp: 7160
Ion Ratio Lower Upper
117 100
119 4.3 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 46.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 98 Resp: 224192
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

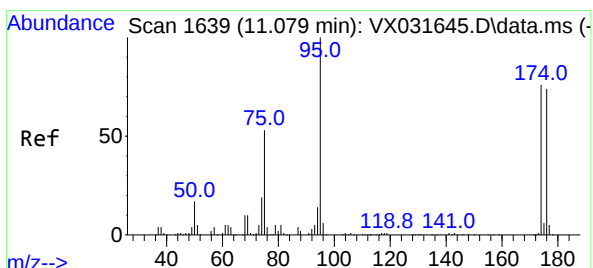
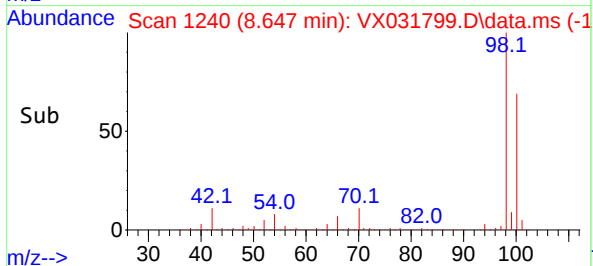
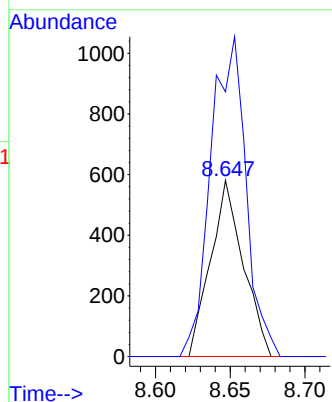
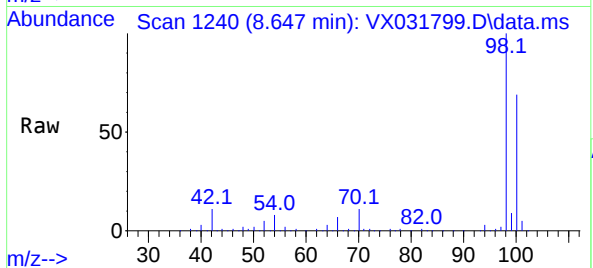




#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

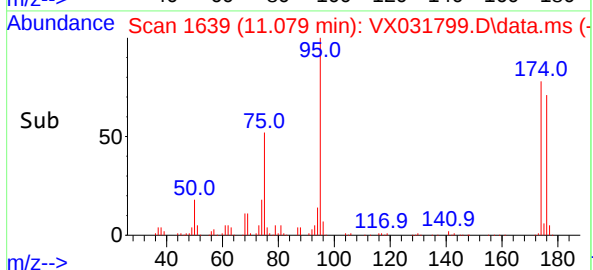
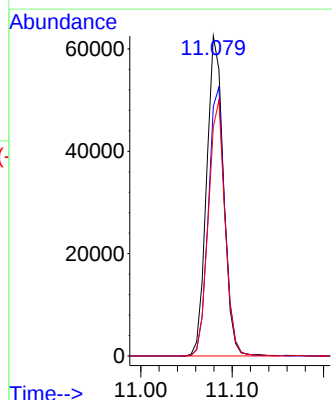
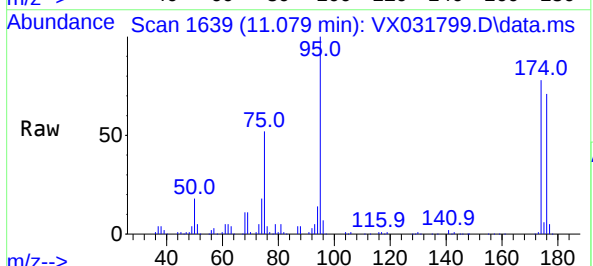
Instrument :
MSVOA_X
ClientSampleId :
MW-11

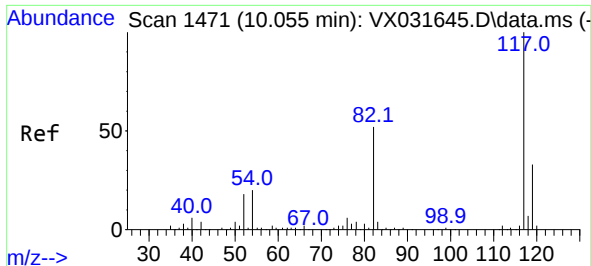
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 194.8 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.642 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 95 Resp: 79932
Ion Ratio Lower Upper
95 100
174 82.7 0.0 153.2
176 78.6 0.0 144.0

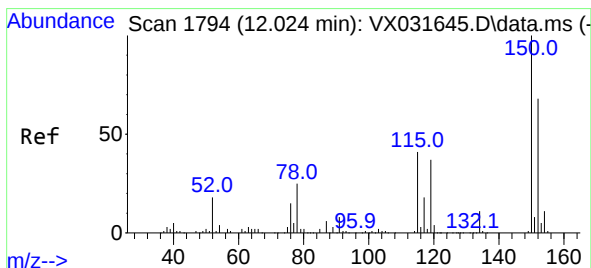
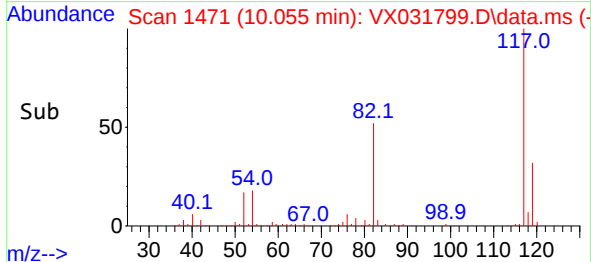
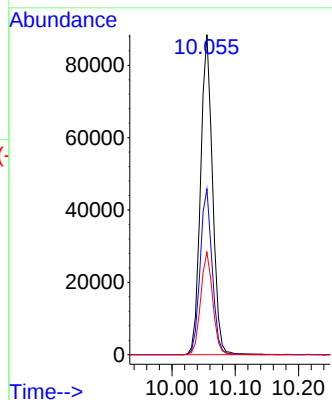
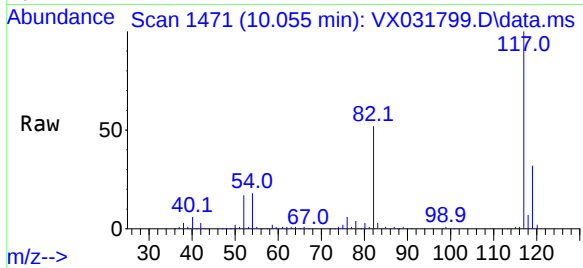




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

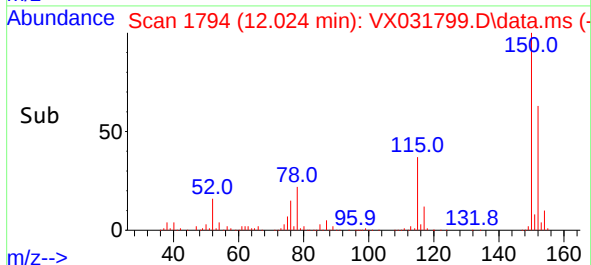
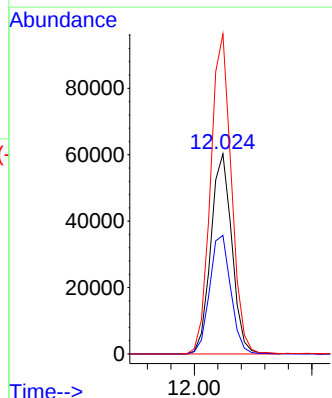
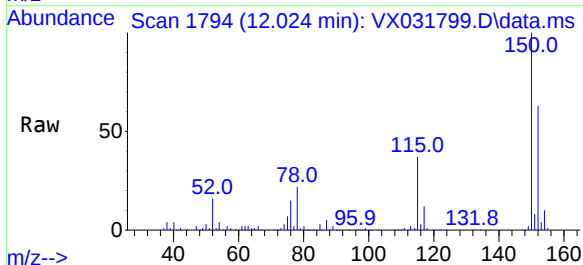
Instrument :
MSVOA_X
ClientSampleId :
MW-11

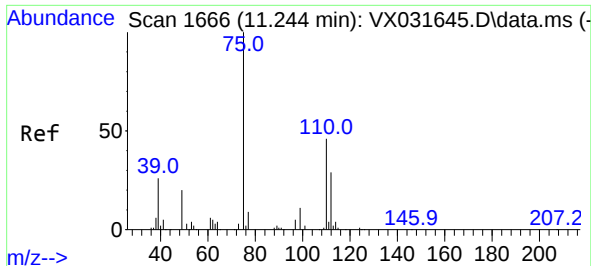
Tgt Ion:117 Resp: 116698
Ion Ratio Lower Upper
117 100
82 51.7 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion:152 Resp: 74810
Ion Ratio Lower Upper
152 100
115 59.8 43.4 130.1
150 158.3 0.0 346.8

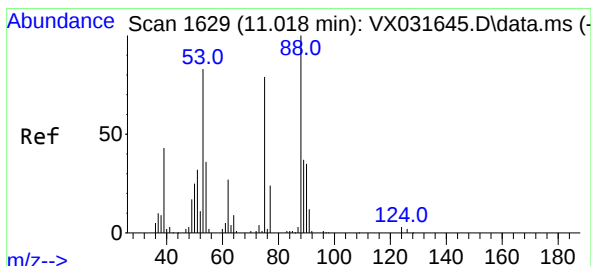
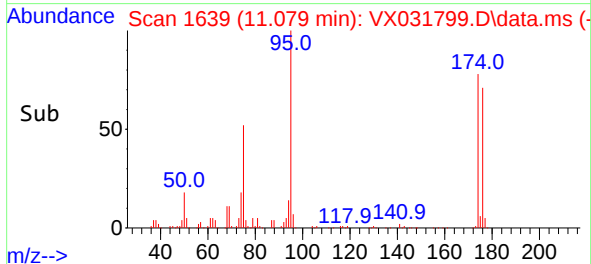
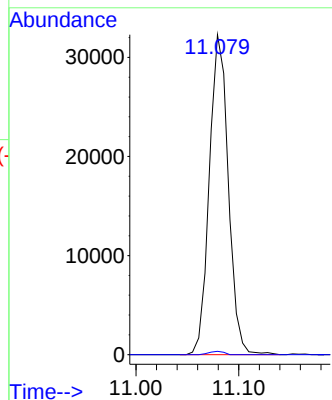
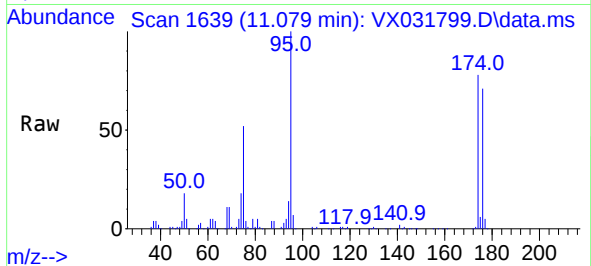




#76
1,2,3-Trichloropropane
Concen: 30.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion: 75 Resp: 41555
Ion Ratio Lower Upper
75 100
77 0.8 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031799.D
Acq: 30 Sep 2022 04:57

Tgt Ion: 75 Resp: 41555
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

