

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029797.D
 Acq On : 25 Jun 2022 04:17
 Operator : JC/MD
 Sample : N3386-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20220614

Quant Time: Jun 25 05:33:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

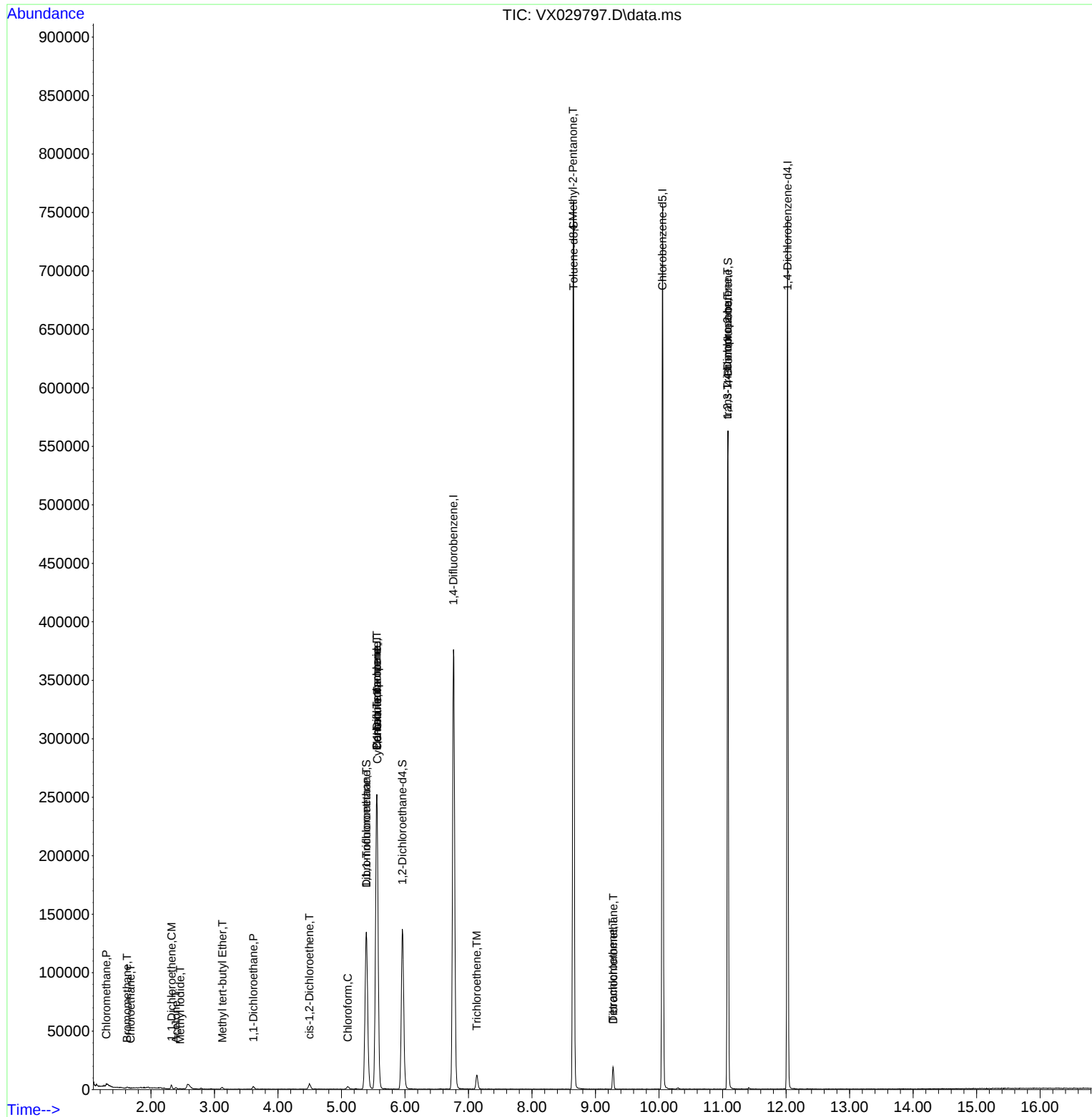
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	249903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	415481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127744	38.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.240%
35) Dibromofluoromethane	5.391	113	120734	44.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.180%
50) Toluene-d8	8.653	98	461114	46.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	11.085	95	165561	44.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	734	0.225	ug/l	95
5) Bromomethane	1.624	94	416	0.272	ug/l	96
6) Chloroethane	1.678	64	110	1.338	ug/l #	43
10) Methyl Iodide	2.459	142	585	3.201	ug/l #	86
11) Tert butyl alcohol	2.946	59	181	Below Cal	#	72
12) 1,1-Dichloroethene	2.325	96	1354	0.535	ug/l #	63
16) Acetone	2.392	43	1816	1.377	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	1864	0.212	ug/l	96
24) 1,1-Dichloroethane	3.611	63	2708	0.557	ug/l #	89
27) cis-1,2-Dichloroethene	4.495	96	2879	0.891	ug/l	81
30) Chloroform	5.099	83	2819	0.548	ug/l #	80
31) Cyclohexane	5.562	56	4115	0.927	ug/l #	1
32) 1,1,1-Trichloroethane	5.391	97	1390	0.306	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	17723	4.836	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25565	7.094	ug/l #	15
44) Trichloroethene	7.129	130	5226	0.581	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1602	0.426	ug/l #	1
60) Dibromochloromethane	9.281	129	3779	1.384	ug/l #	9
64) Tetrachloroethene	9.275	164	4102	1.583	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	76586	22.286	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	76586	74.139	ug/l #	15

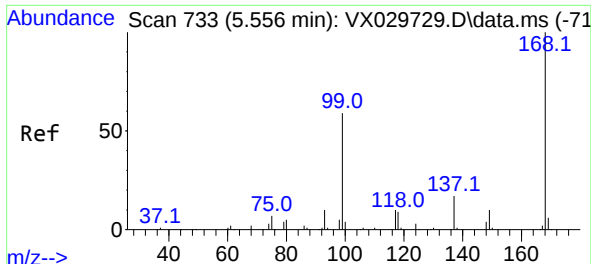
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

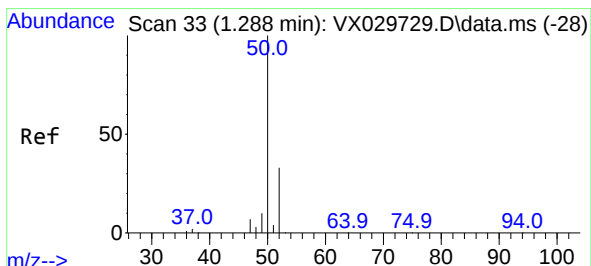
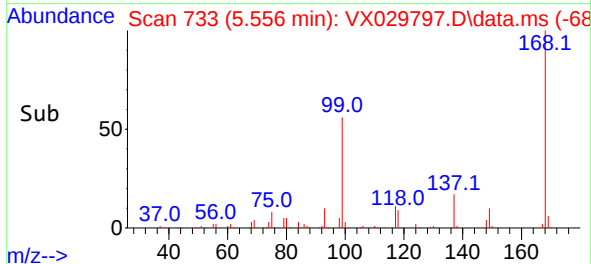
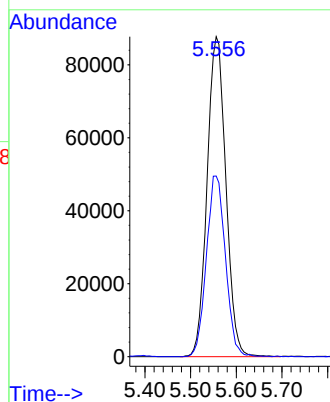
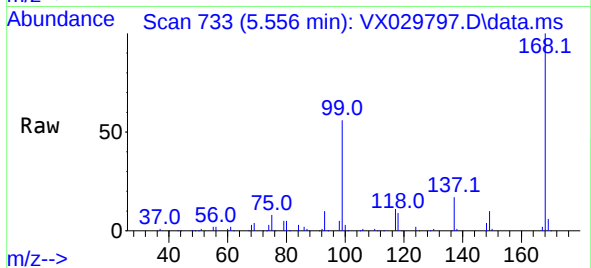




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

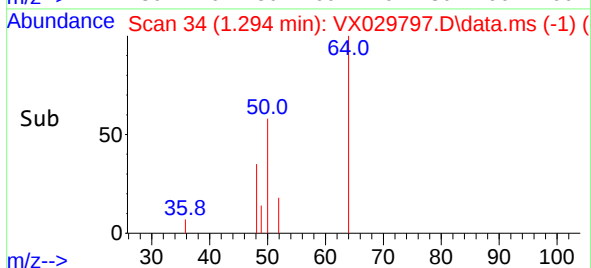
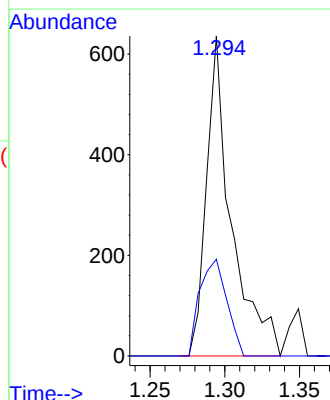
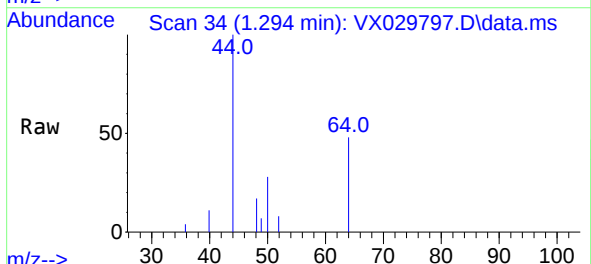
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220614

Tgt Ion:168 Resp: 249903
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5

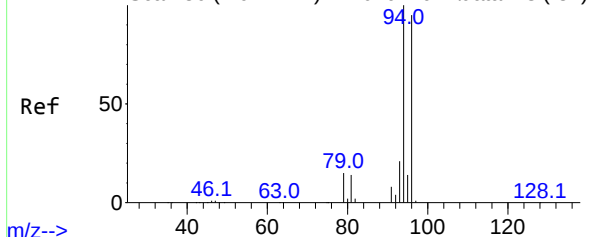


#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 30.2 26.4 39.6



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)

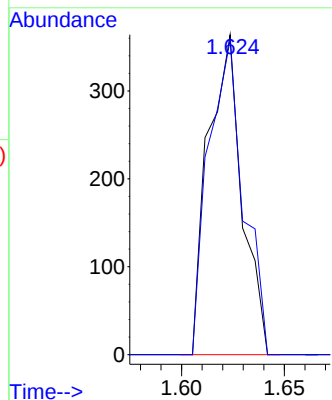
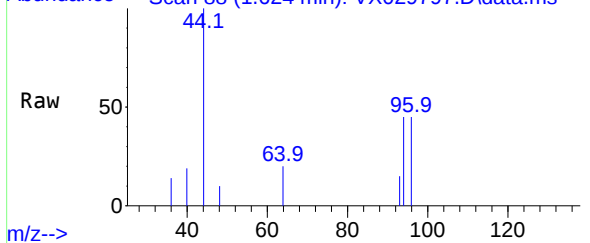


#5
Bromomethane
Concen: 0.272 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

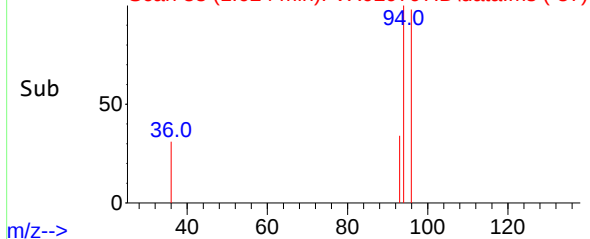
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220614

Tgt Ion: 94 Resp: 416
Ion Ratio Lower Upper
94 100
96 98.4 75.3 112.9

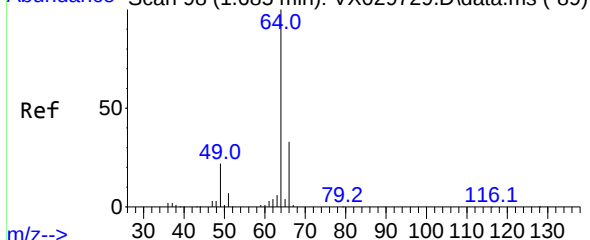
Abundance Scan 88 (1.624 min): VX029797.D\data.ms



Abundance Scan 88 (1.624 min): VX029797.D\data.ms (-37)



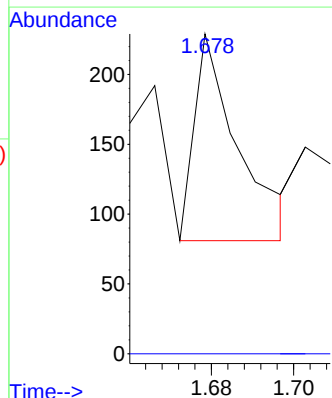
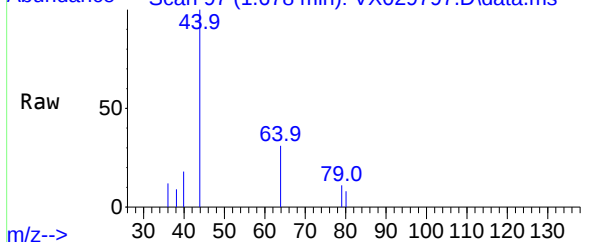
Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



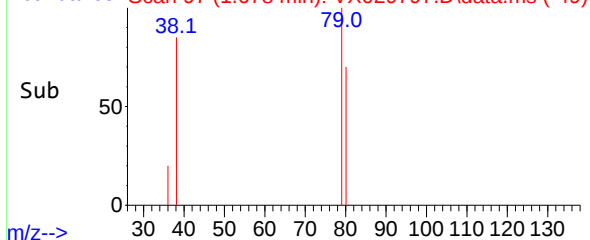
#6
Chloroethane
Concen: 1.338 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

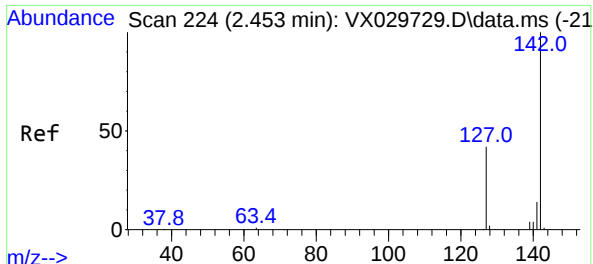
Tgt Ion: 64 Resp: 110
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

Abundance Scan 97 (1.678 min): VX029797.D\data.ms



Abundance Scan 97 (1.678 min): VX029797.D\data.ms (-49)

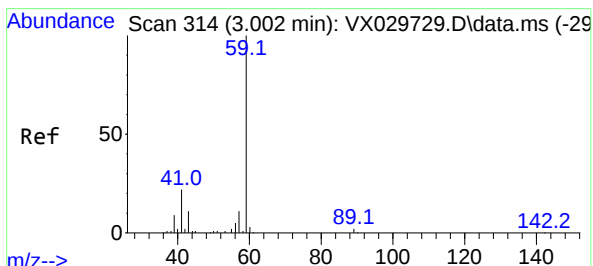
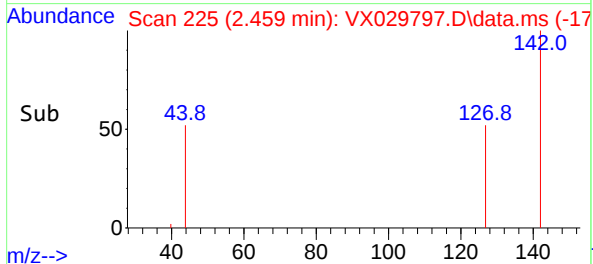
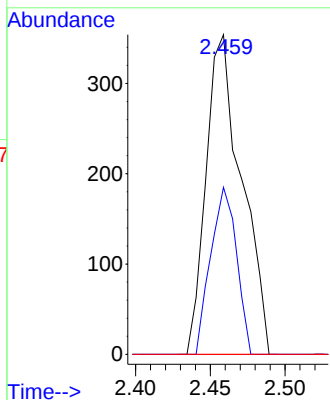
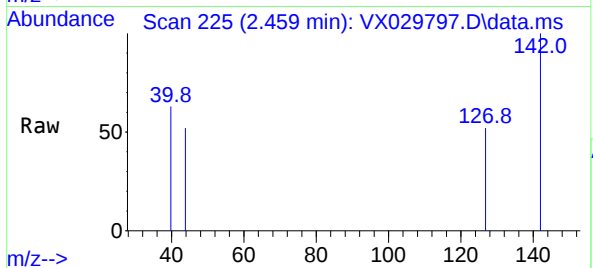




#10
Methyl Iodide
Concen: 3.201 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

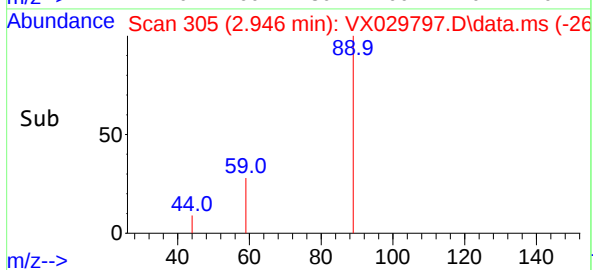
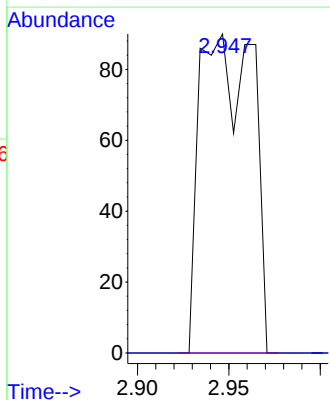
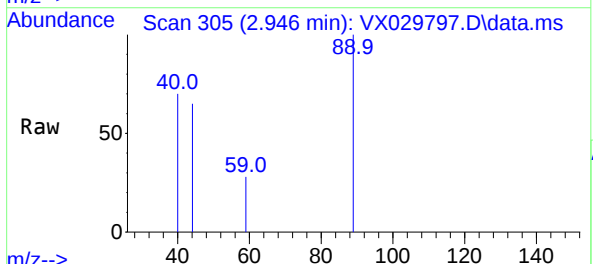
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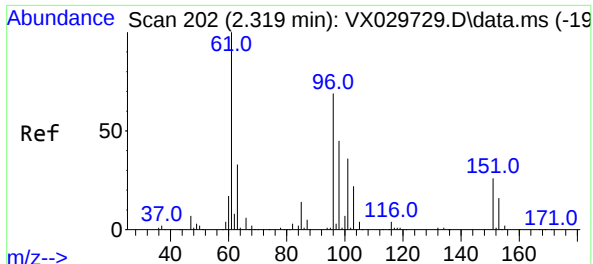
Tgt Ion:142 Resp: 585
Ion Ratio Lower Upper
142 100
127 37.9 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.535 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029797.D

Acq: 25 Jun 2022 04:17

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20220614

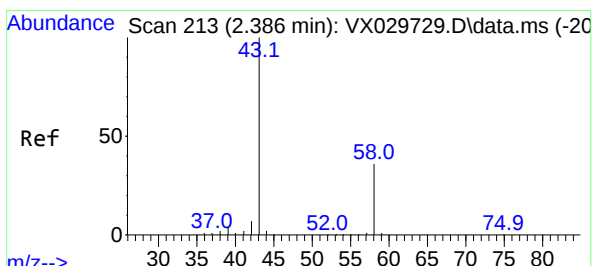
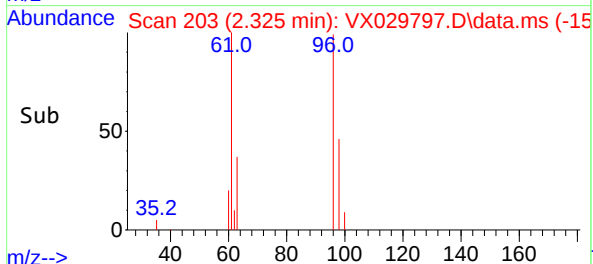
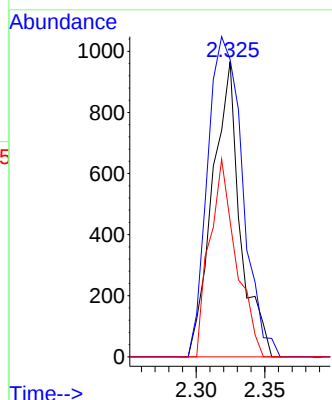
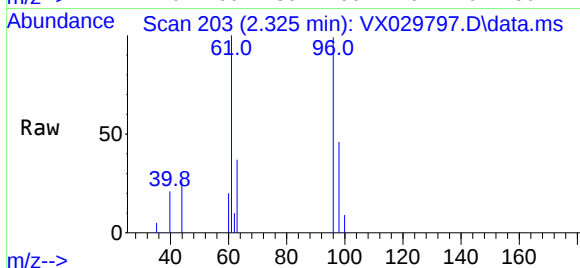
Tgt Ion: 96 Resp: 1354

Ion Ratio Lower Upper

96 100

61 100.6 124.6 187.0#

98 45.8 51.0 76.4#



#16

Acetone

Concen: 1.377 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX029797.D

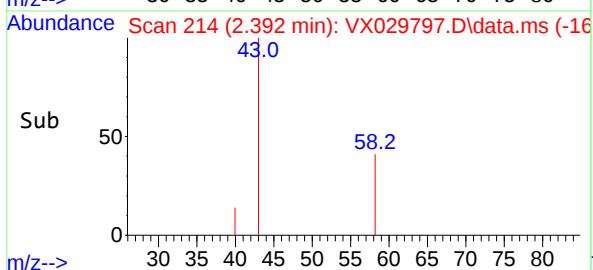
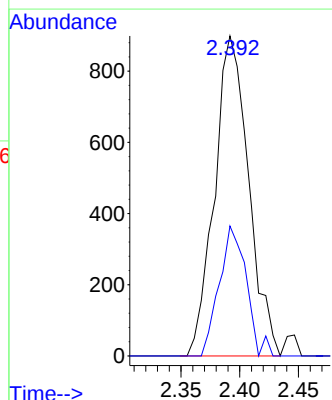
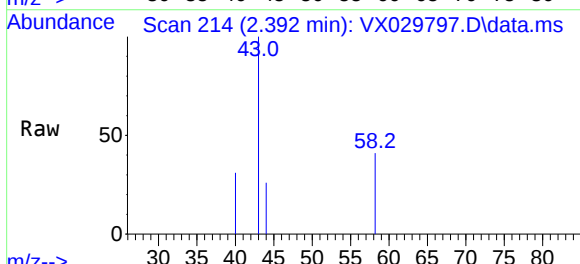
Acq: 25 Jun 2022 04:17

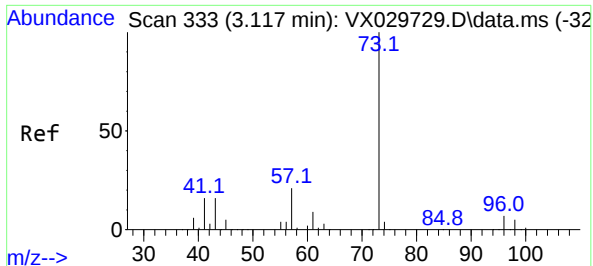
Tgt Ion: 43 Resp: 1816

Ion Ratio Lower Upper

43 100

58 40.6 28.8 43.2

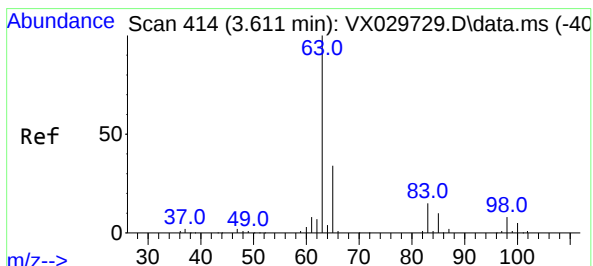
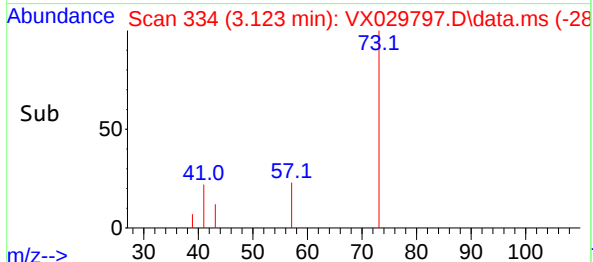
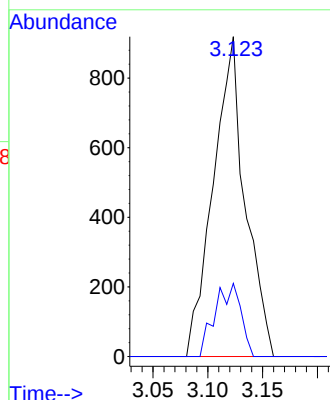
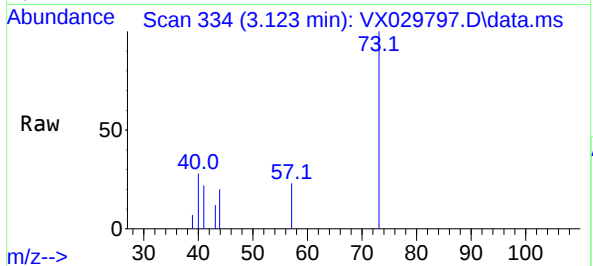




#19
Methyl tert-butyl Ether
Concen: 0.212 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

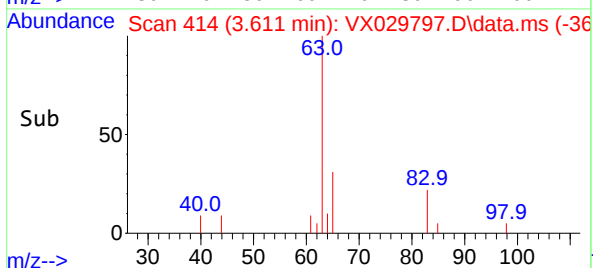
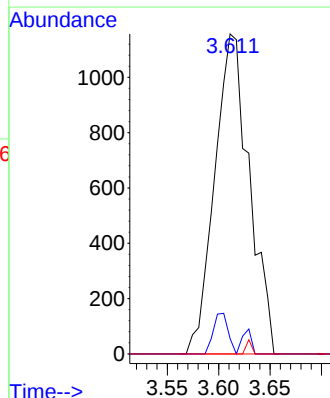
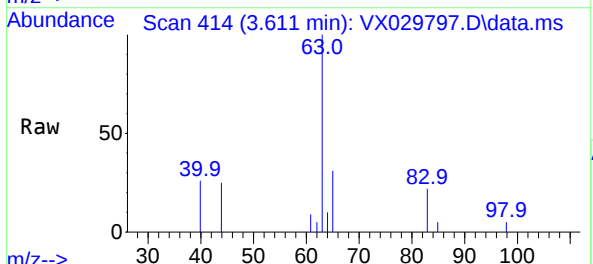
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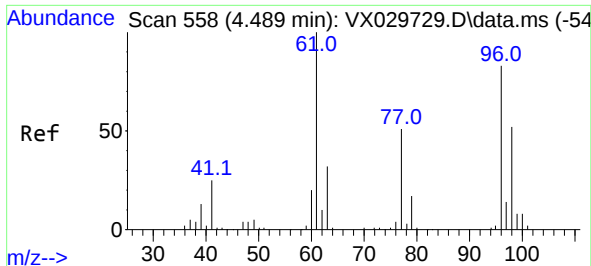
Tgt Ion: 73 Resp: 1864
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2



#24
1,1-Dichloroethane
Concen: 0.557 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Tgt Ion: 63 Resp: 2708
Ion Ratio Lower Upper
63 100
98 4.8 3.9 11.7
100 0.0 2.4 7.2#

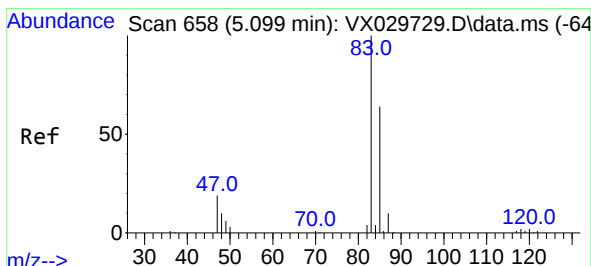
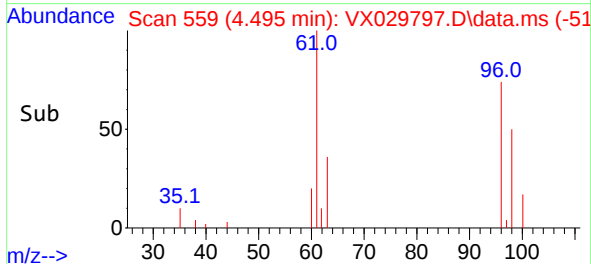
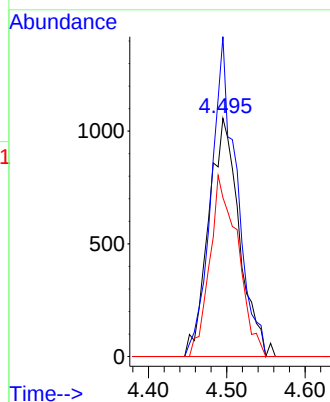
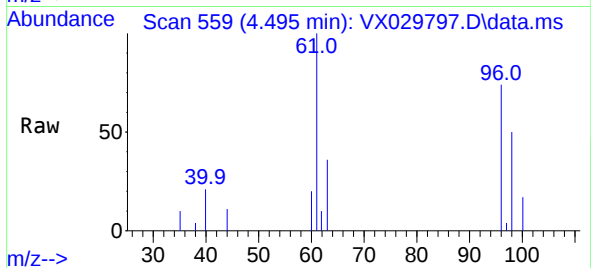




#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

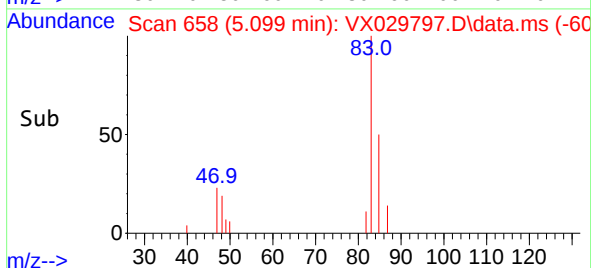
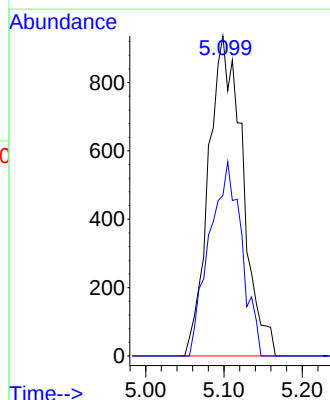
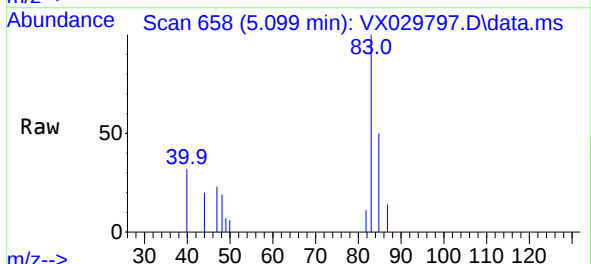
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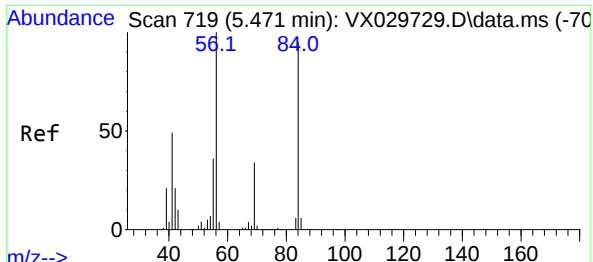
Tgt Ion: 96 Resp: 2879
Ion Ratio Lower Upper
96 100
61 111.4 0.0 283.8
98 69.5 0.0 129.8



#30
Chloroform
Concen: 0.548 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

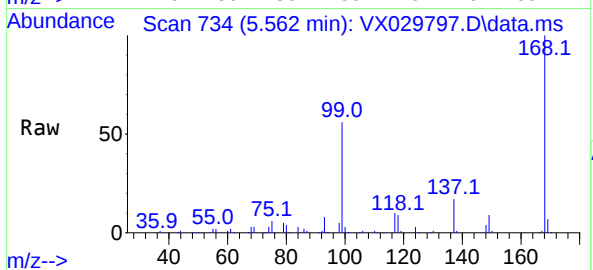
Tgt Ion: 83 Resp: 2819
Ion Ratio Lower Upper
83 100
85 50.2 52.7 79.1#



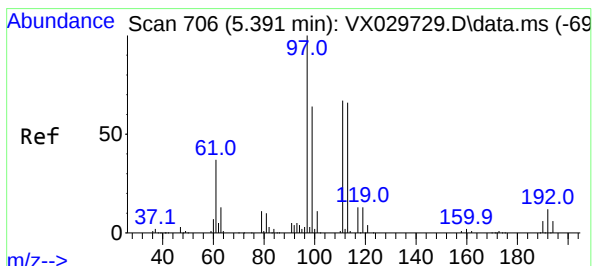
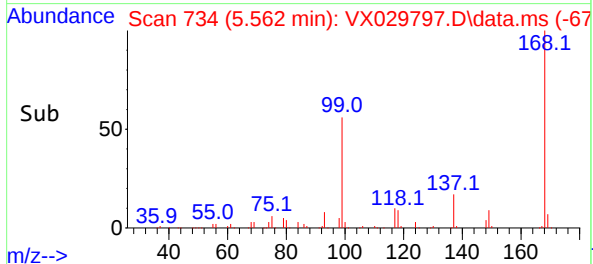
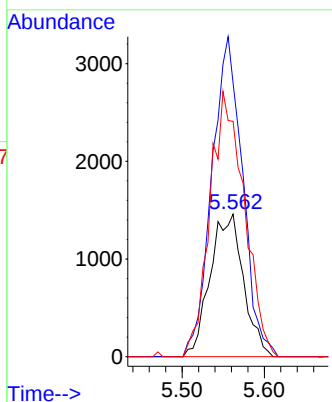


#31
Cyclohexane
Concen: 0.927 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

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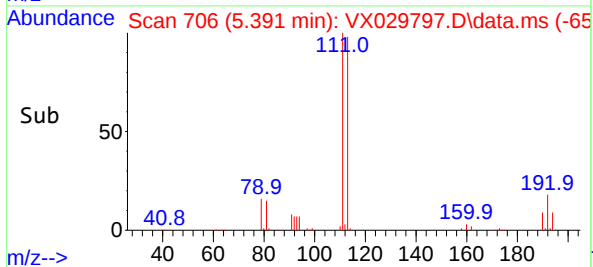
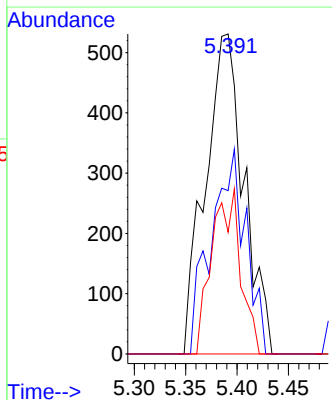
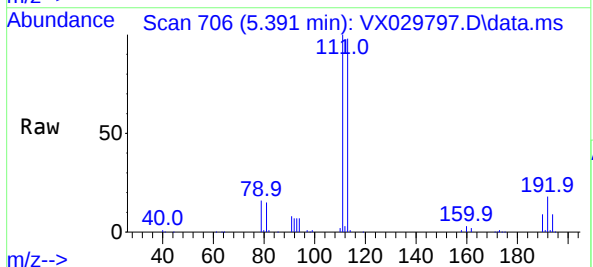


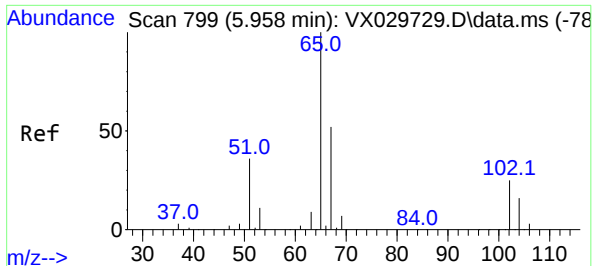
Tgt Ion: 56 Resp: 4115
Ion Ratio Lower Upper
56 100
69 192.0 26.7 40.1#
84 165.2 77.2 115.8#



#32
1,1,1-Trichloroethane
Concen: 0.306 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Tgt Ion: 97 Resp: 1390
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 38.1 34.0 51.0

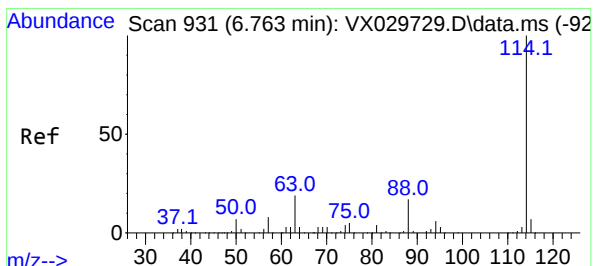
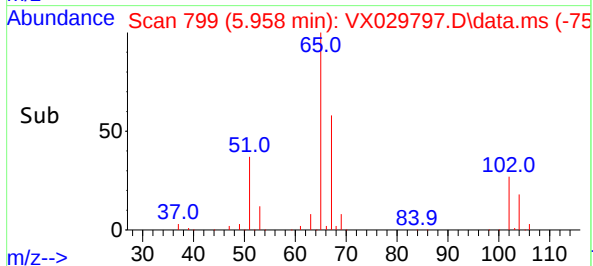
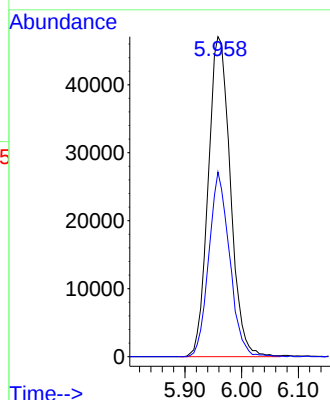
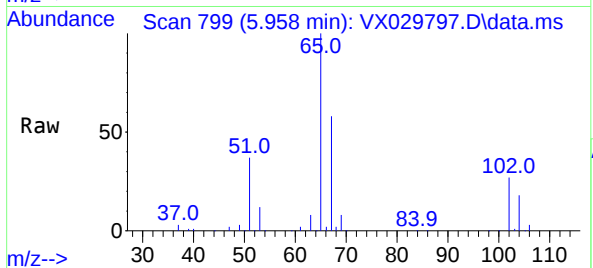




#33
1,2-Dichloroethane-d4
Concen: 38.616 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

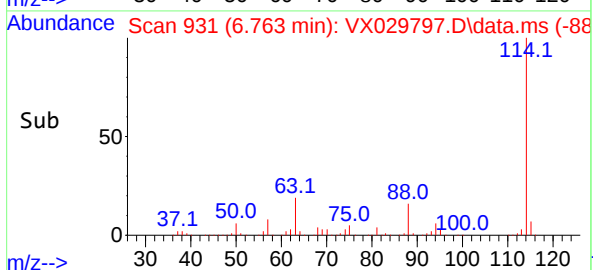
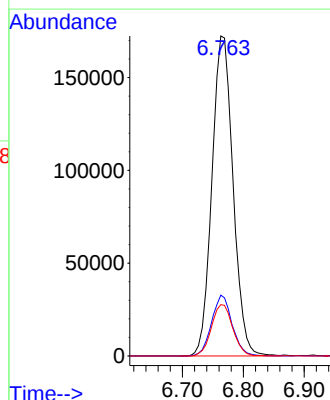
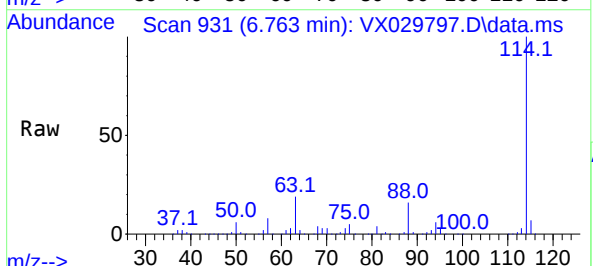
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220614

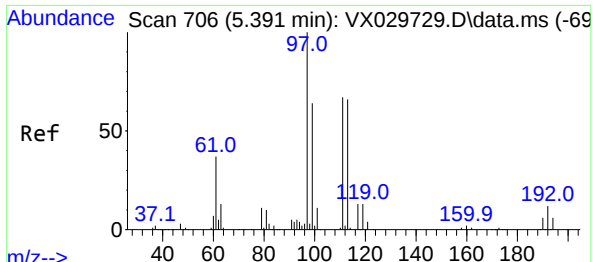
Tgt Ion: 65 Resp: 127744
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Tgt Ion: 114 Resp: 415481
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.1 0.0 32.4

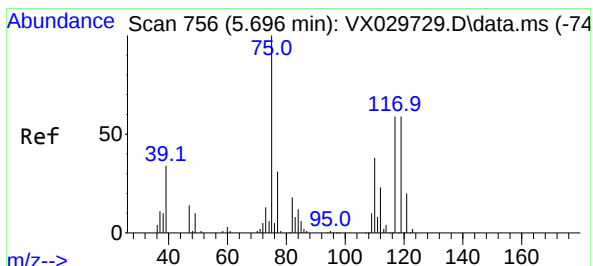
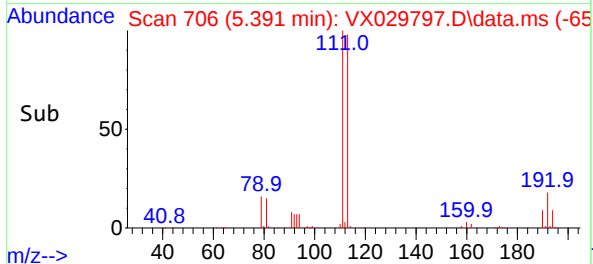
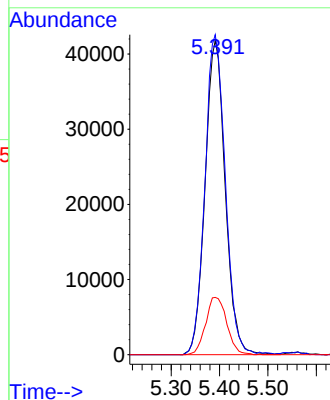
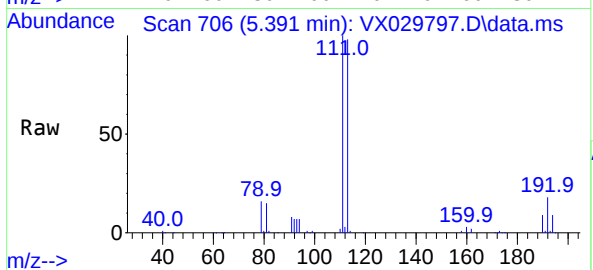




#35
Dibromofluoromethane
Concen: 44.590 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

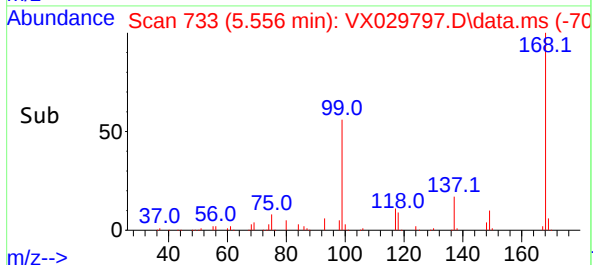
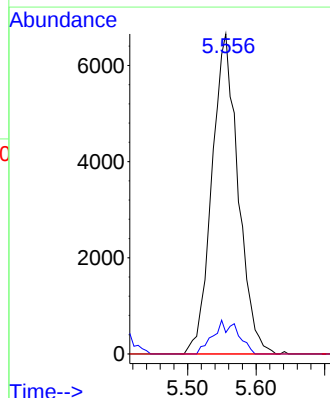
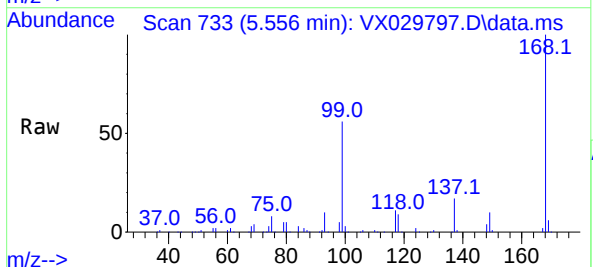
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220614

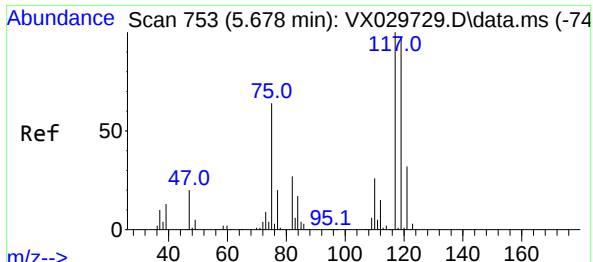
Tgt Ion:113 Resp: 120734
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

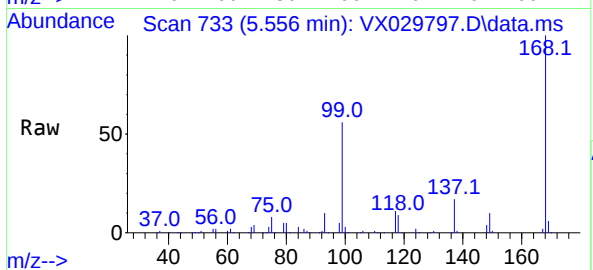
Tgt Ion: 75 Resp: 17723
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



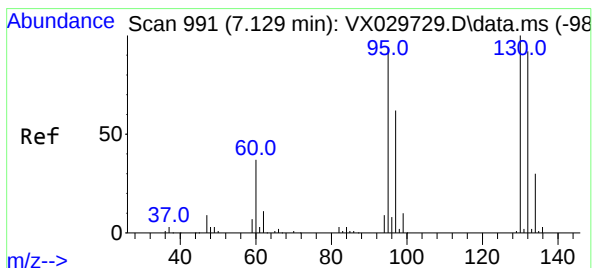
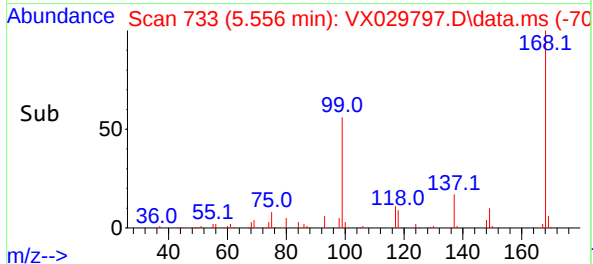
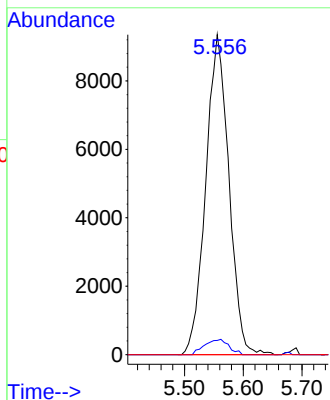


#38
Carbon Tetrachloride
Concen: 7.094 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220614

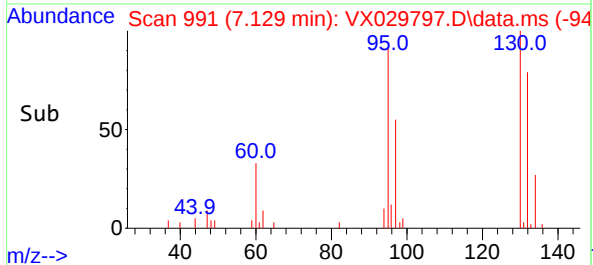
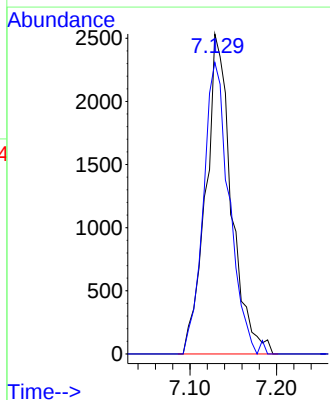
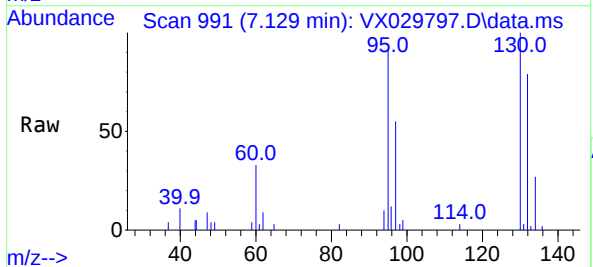


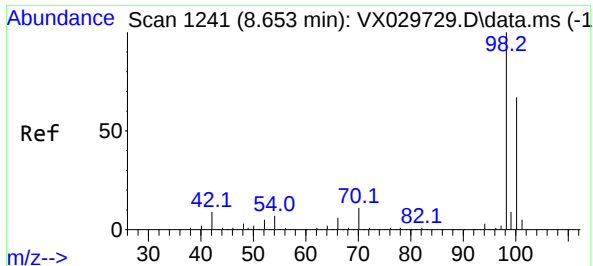
Tgt Ion:117 Resp: 25565
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.581 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Tgt Ion:130 Resp: 5226
Ion Ratio Lower Upper
130 100
95 91.1 0.0 188.8





#50

Toluene-d8

Concen: 46.617 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029797.D

Acq: 25 Jun 2022 04:17

Instrument :

MSVOA_X

ClientSampleId :

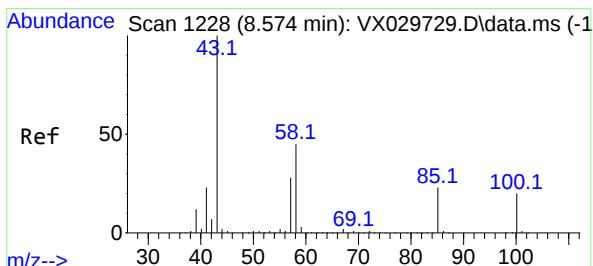
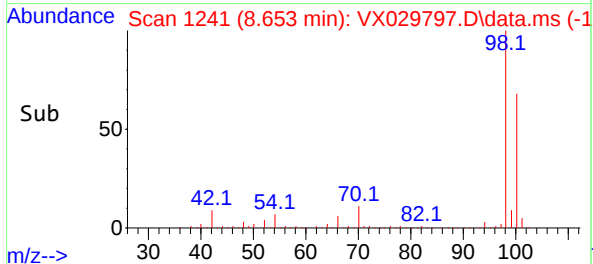
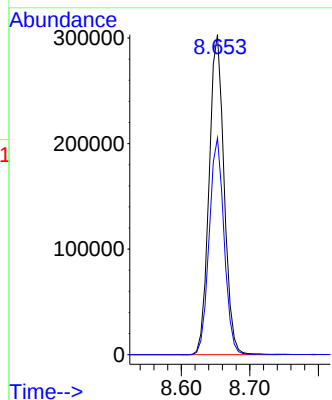
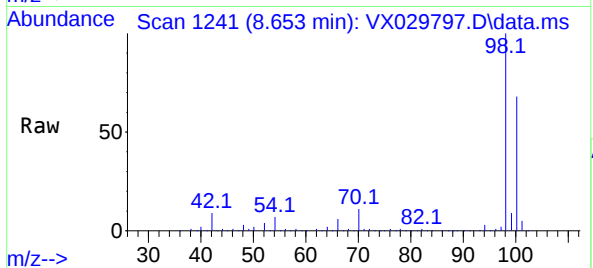
MW181S-20220614

Tgt Ion: 98 Resp: 461114

Ion Ratio Lower Upper

98 100

100 67.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.426 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX029797.D

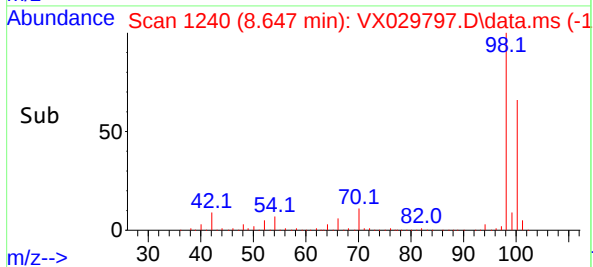
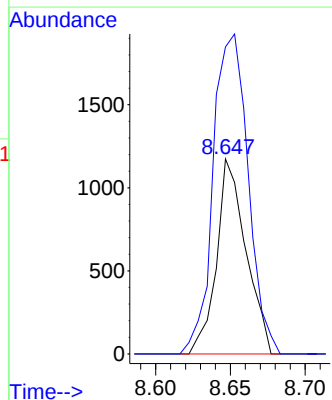
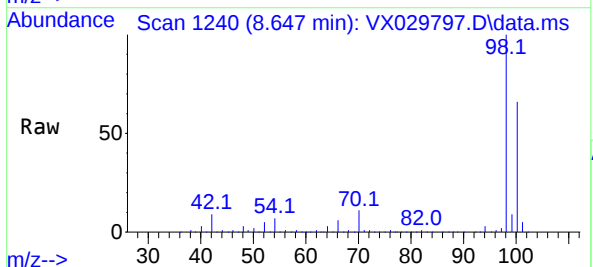
Acq: 25 Jun 2022 04:17

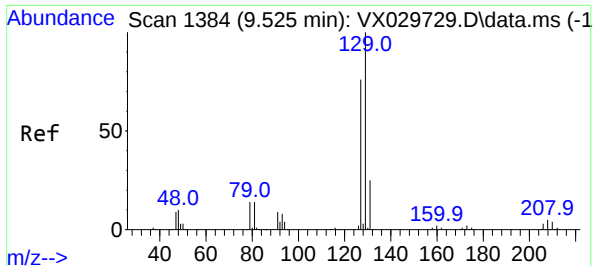
Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

43 100

58 195.4 36.1 54.1#





#60

Dibromochloromethane

Concen: 1.384 ug/l

RT: 9.281 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX029797.D

Acq: 25 Jun 2022 04:17

Instrument :

MSVOA_X

ClientSampleId :

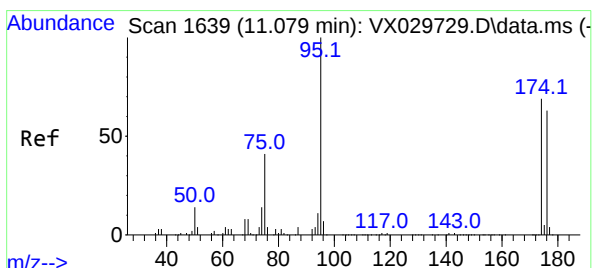
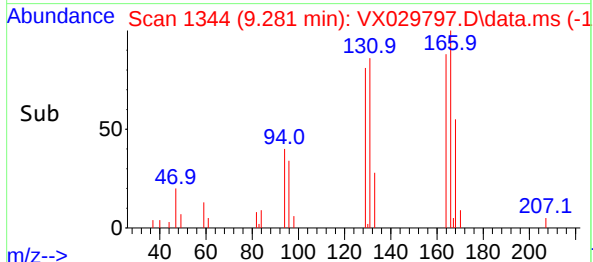
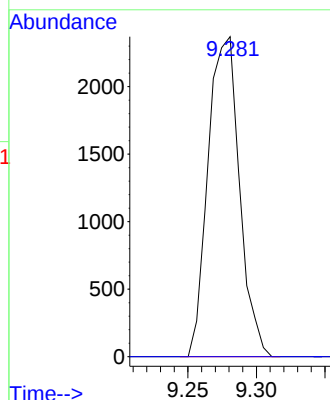
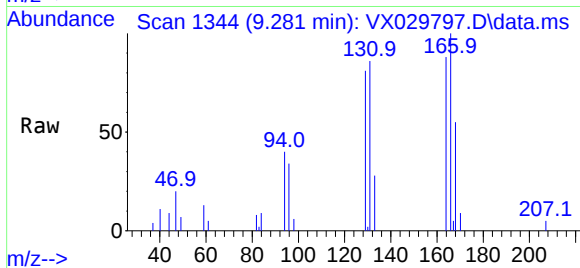
MW181S-20220614

Tgt Ion:129 Resp: 3779

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#



#62

4-Bromofluorobenzene

Concen: 44.384 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029797.D

Acq: 25 Jun 2022 04:17

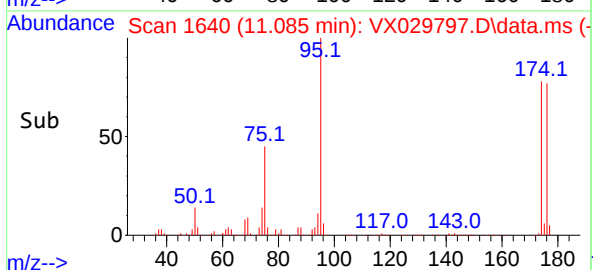
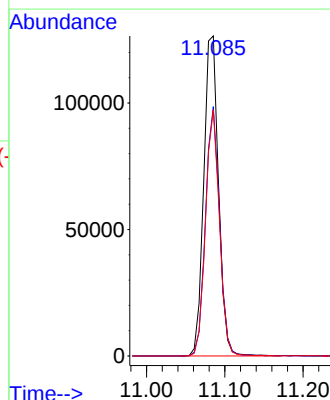
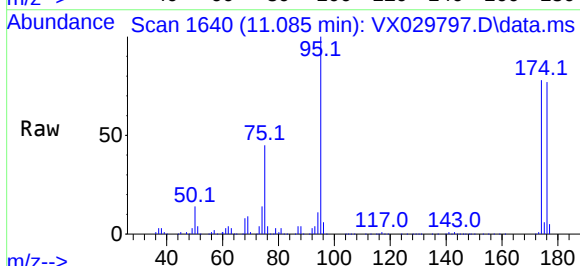
Tgt Ion: 95 Resp: 165561

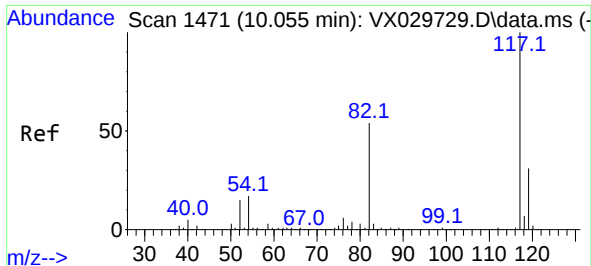
Ion Ratio Lower Upper

95 100

174 74.5 0.0 163.0

176 72.4 0.0 155.0

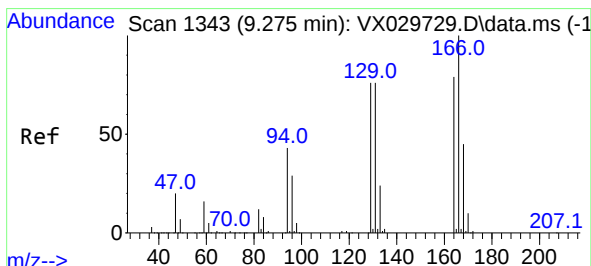
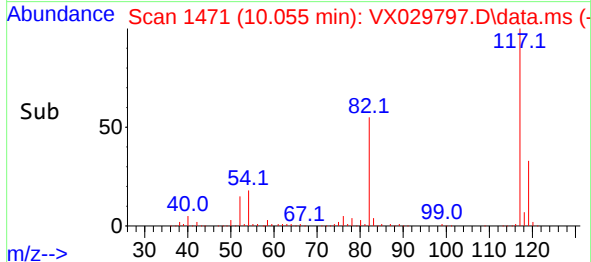
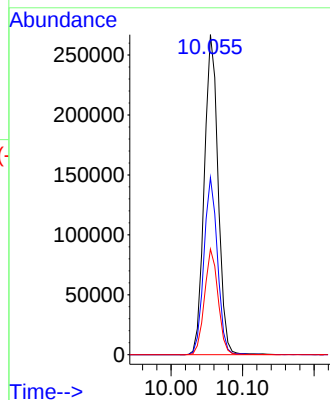
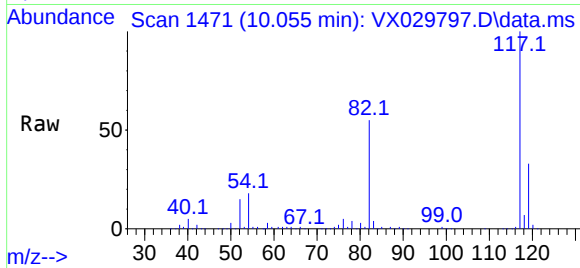




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

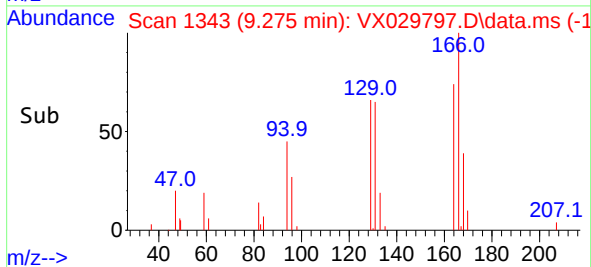
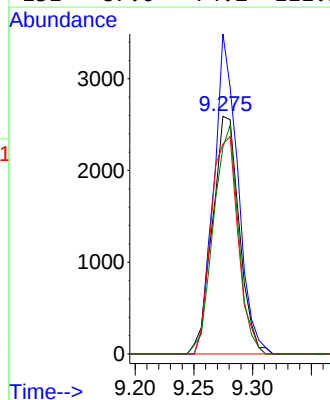
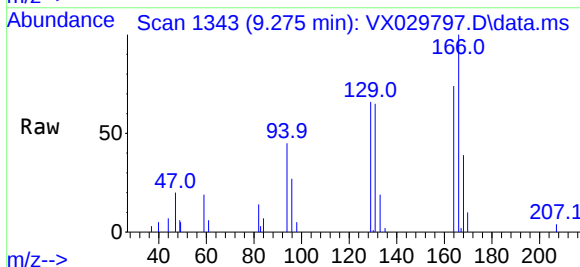
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220614

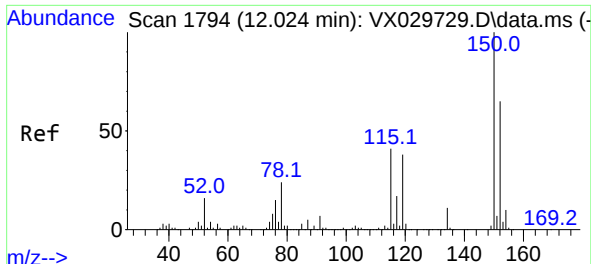
Tgt Ion:117 Resp: 358219
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 33.0 24.8 37.2



#64
Tetrachloroethene
Concen: 1.583 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

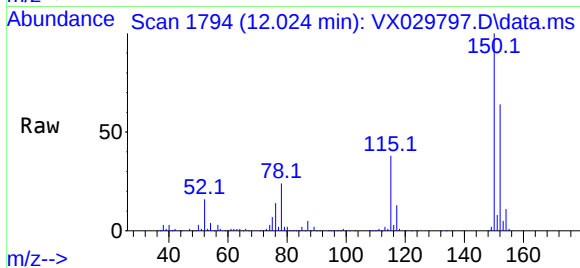
Tgt Ion:164 Resp: 4102
Ion Ratio Lower Upper
164 100
166 134.7 101.2 151.8
129 88.3 73.0 109.4
131 87.0 74.2 111.2



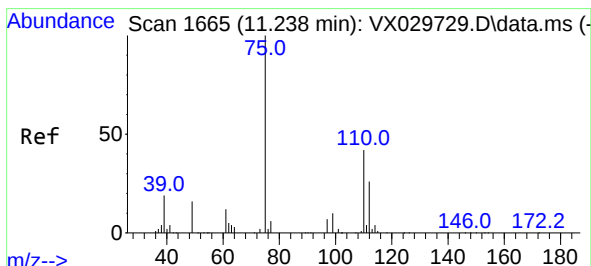
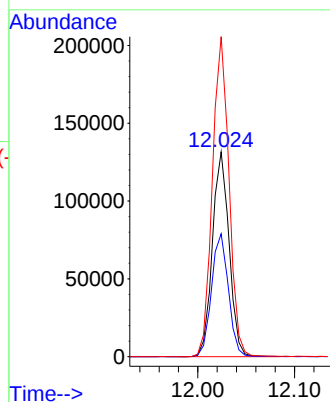
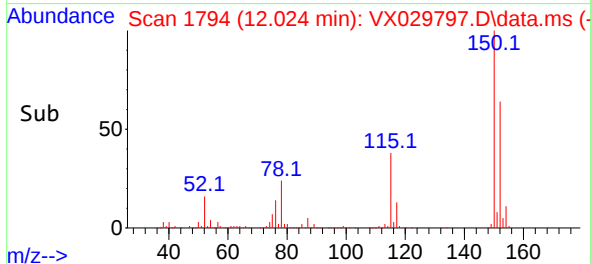


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220614

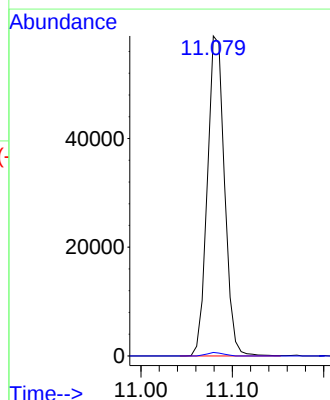
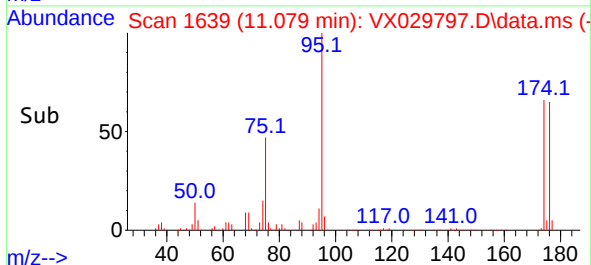
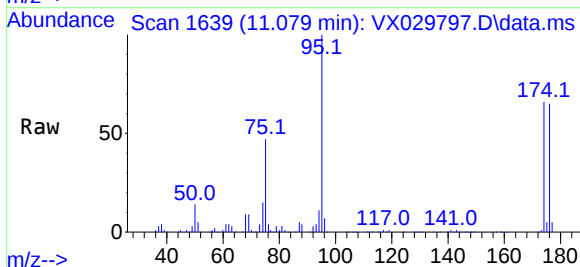


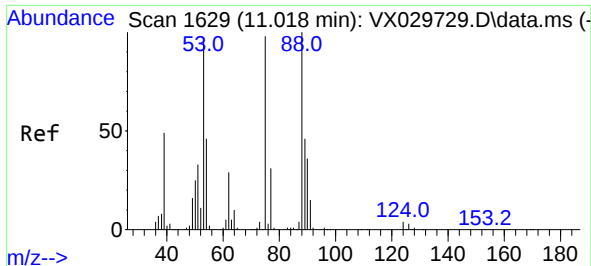
Tgt Ion:152 Resp: 157749
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 155.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029797.D
Acq: 25 Jun 2022 04:17

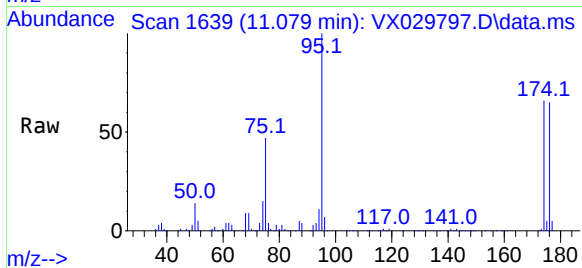
Tgt Ion: 75 Resp: 76586
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.139 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029797.D
 Acq: 25 Jun 2022 04:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20220614



Tgt Ion: 75 Resp: 76586
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

