

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029174.D
 Acq On : 03 Jun 2022 07:28
 Operator : JC/MD
 Sample : N3164-14 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 37S-20220531

Quant Time: Jun 03 09:43:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

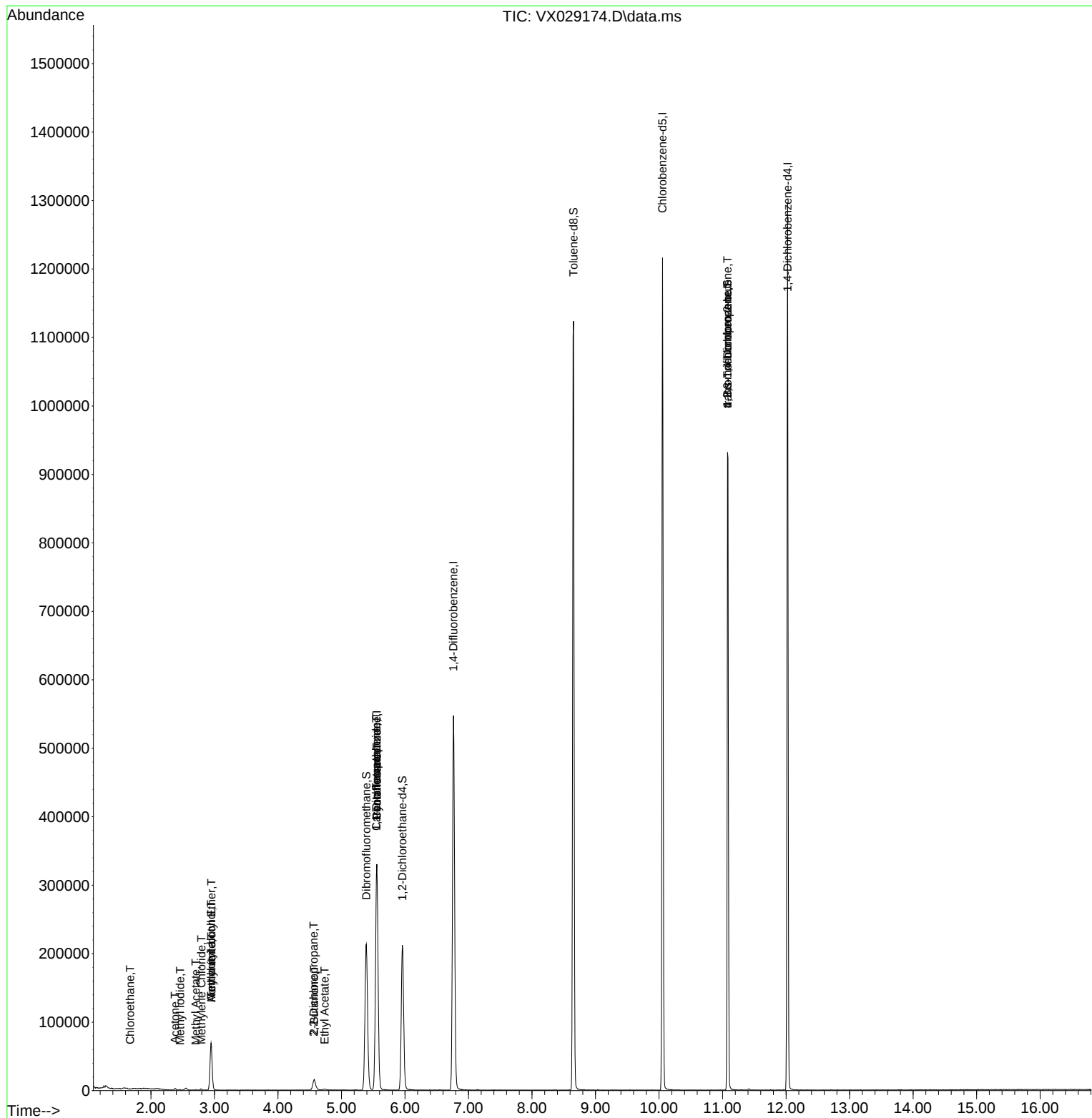
Internal Standards						
1) Pentafluorobenzene	5.556	168	312527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	578857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	561174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204167	57.933	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.860%			
35) Dibromofluoromethane	5.391	113	191458	49.795	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.600%			
50) Toluene-d8	8.653	98	687524	48.891	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	271815	50.004	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.000%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.581	94	74	Below Cal	#	3
6) Chloroethane	1.672	64	131	1.452	ug/l #	43
10) Methyl Iodide	2.459	142	482	4.352	ug/l #	88
11) Tert butyl alcohol	2.947	59	40604	49.736	ug/l #	76
15) Acrylonitrile	2.953	53	729	0.434	ug/l #	20
16) Acetone	2.380	43	2233	1.609	ug/l	94
18) Methyl Acetate	2.703	43	735	0.205	ug/l #	65
19) Methyl tert-butyl Ether	2.953	73	2246	0.235	ug/l #	67
20) Methylene Chloride	2.794	84	824	0.255	ug/l	93
25) 2-Butanone	4.568	43	1062	0.474	ug/l #	44
26) 2,2-Dichloropropane	4.562	77	1154	0.269	ug/l #	52
31) Cyclohexane	5.556	56	5735	1.252	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23706	4.792	ug/l #	50
37) Ethyl Acetate	4.733	43	2823	0.589	ug/l #	76
38) Carbon Tetrachloride	5.550	117	31869	5.637	ug/l #	15
44) Trichloroethene	7.141	130	300	Below Cal		48
76) 1,2,3-Trichloropropane	11.079	75	130494	24.251	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	130494	71.147	ug/l #	15

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

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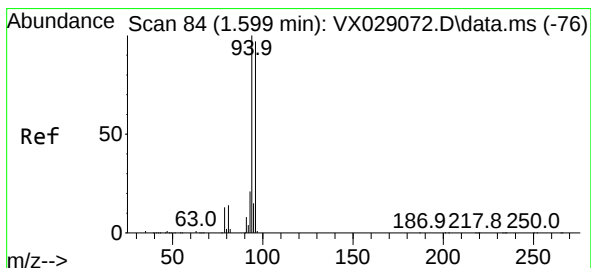
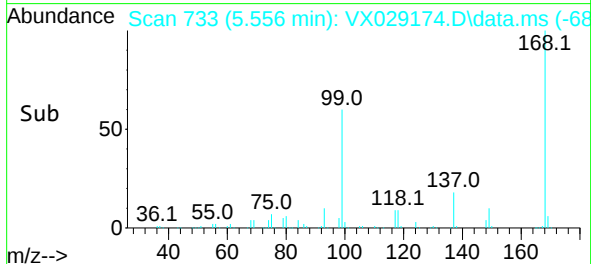
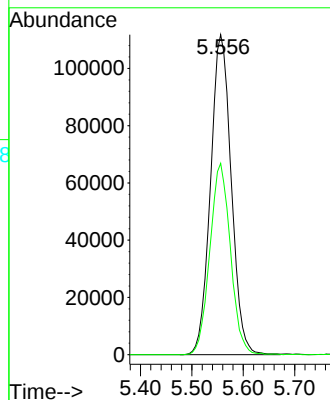
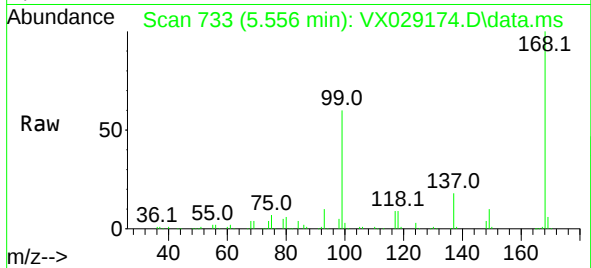




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

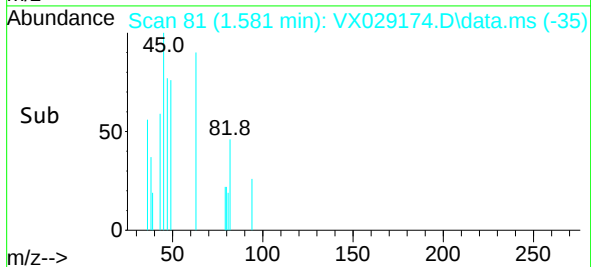
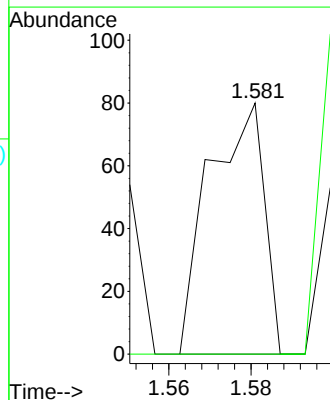
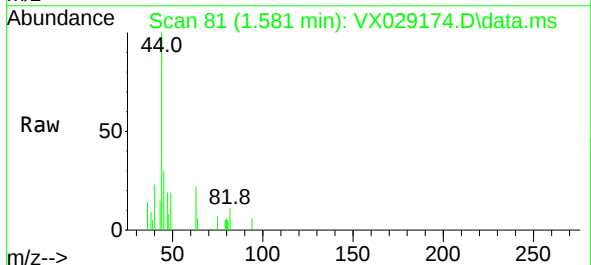
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

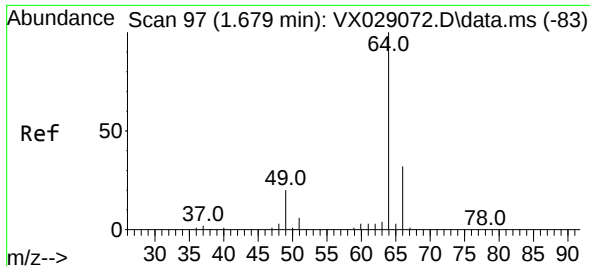
Tgt Ion:168 Resp: 312527
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 94 Resp: 74
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#

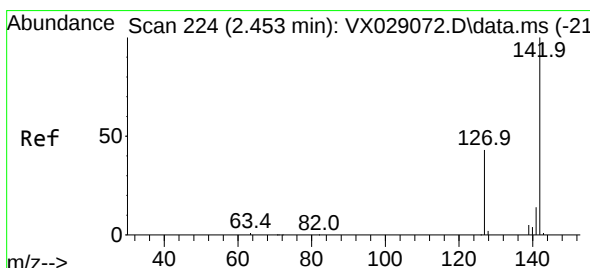
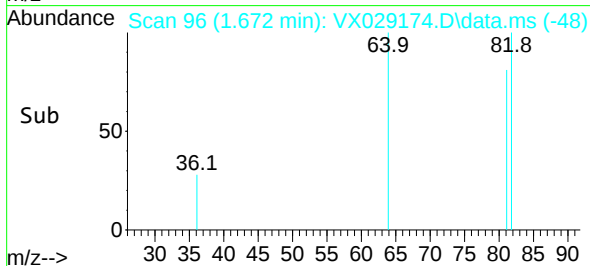
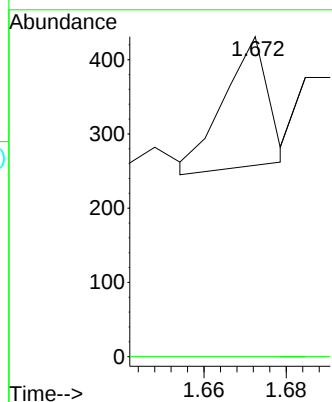
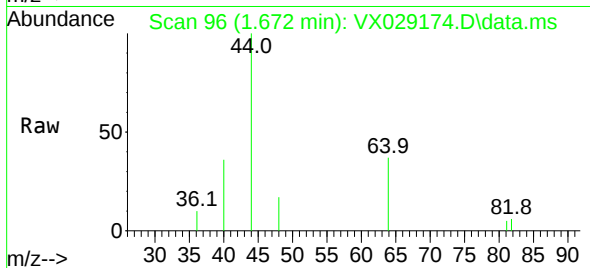




#6
Chloroethane
Concen: 1.452 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

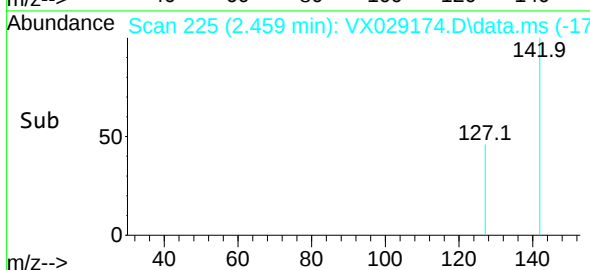
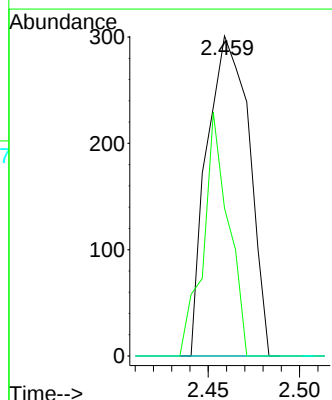
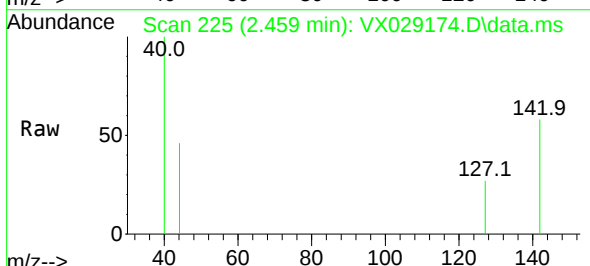
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

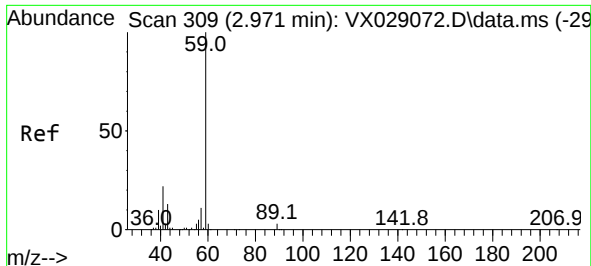
Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.352 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 142 Resp: 482
Ion Ratio Lower Upper
142 100
127 45.4 33.9 50.9
141 0.0 11.4 17.2#

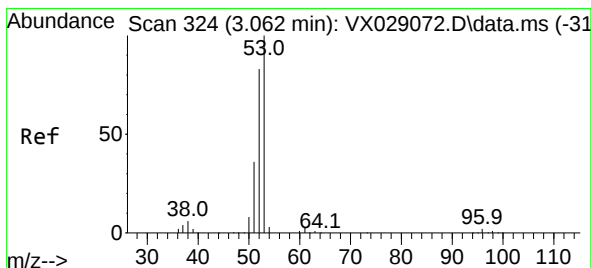
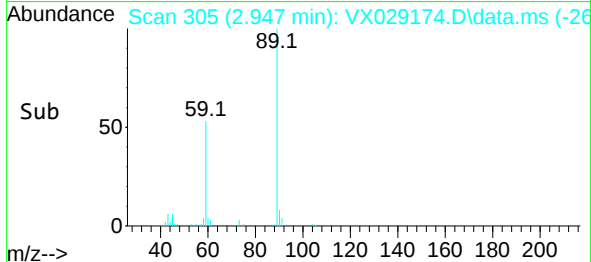
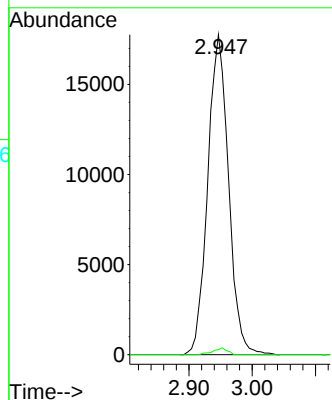
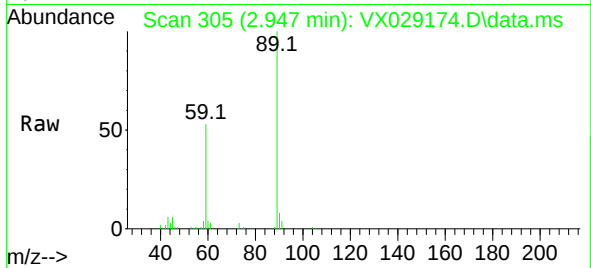




#11
Tert butyl alcohol
Concen: 49.736 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

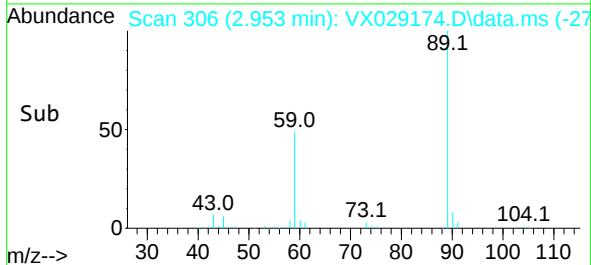
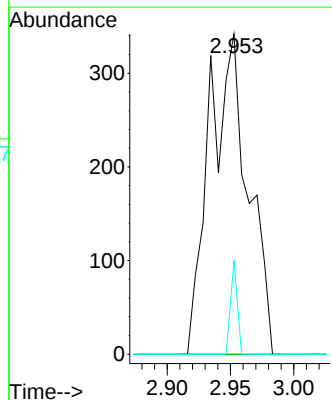
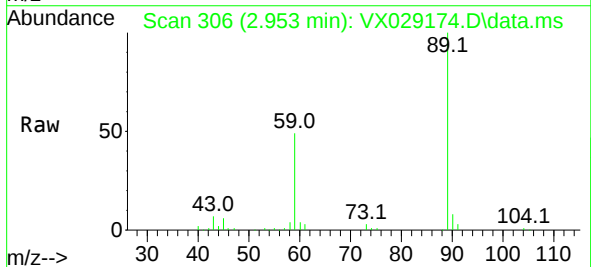
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

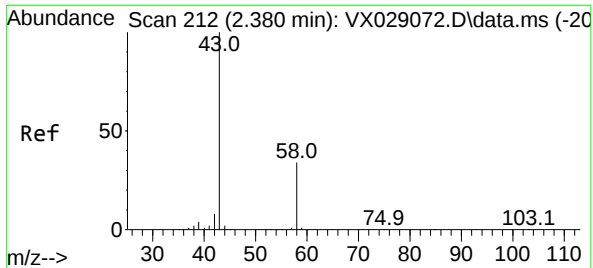
Tgt Ion: 59 Resp: 40604
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#



#15
Acrylonitrile
Concen: 0.434 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.109 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 53 Resp: 729
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 5.1 28.4 42.6#

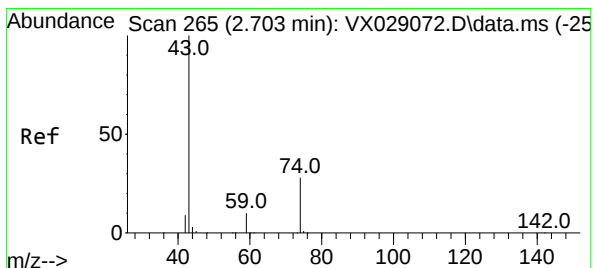
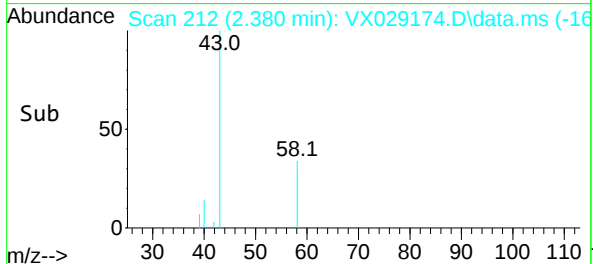
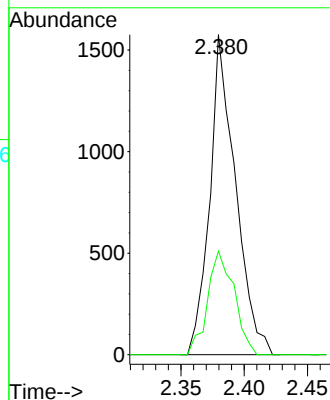
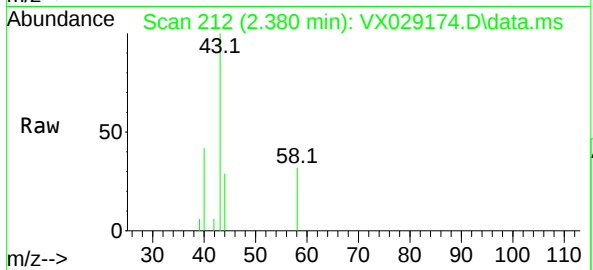




#16
Acetone
Concen: 1.609 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

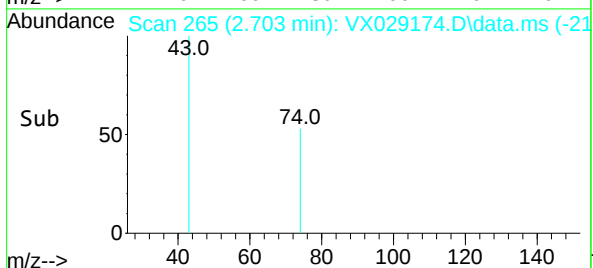
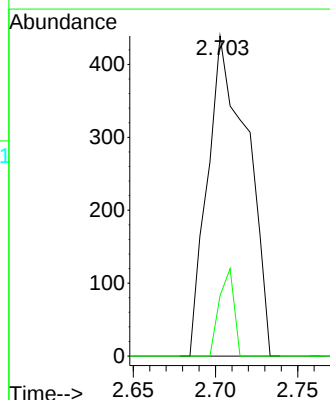
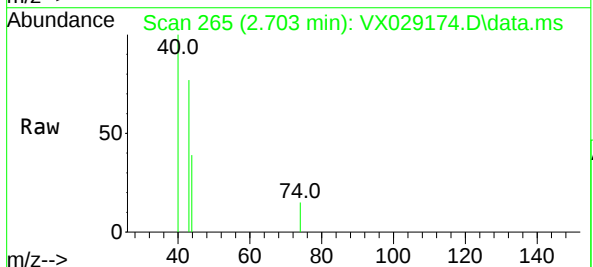
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

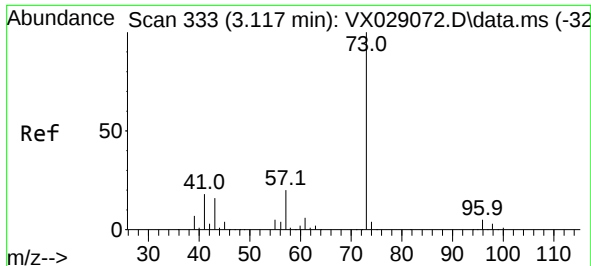
Tgt Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
74 10.1 22.8 34.2#

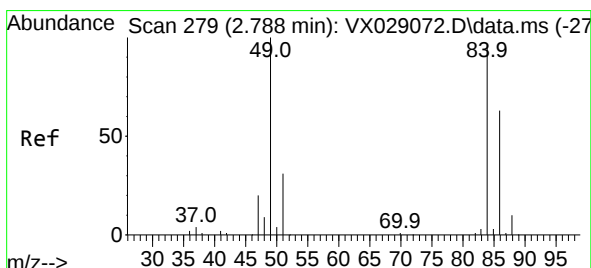
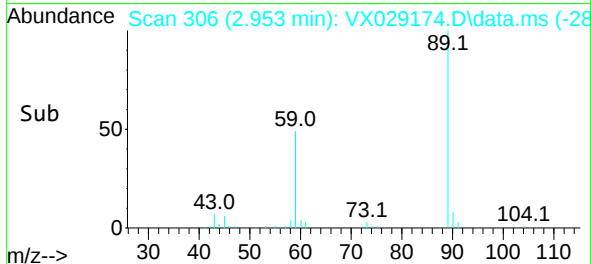
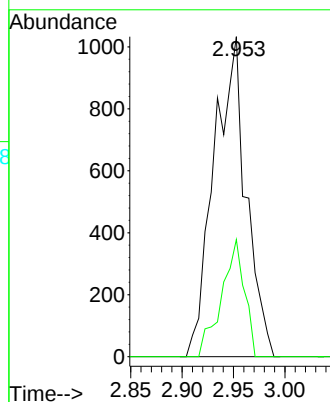
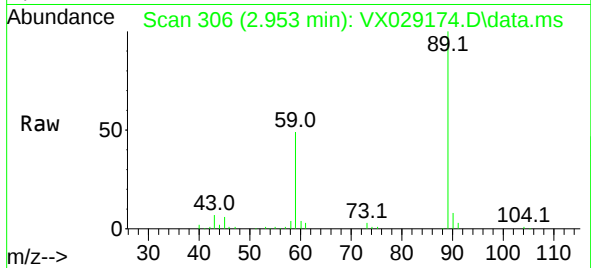




#19
Methyl tert-butyl Ether
Concen: 0.235 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.164 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

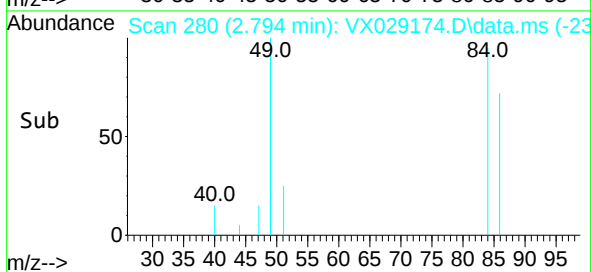
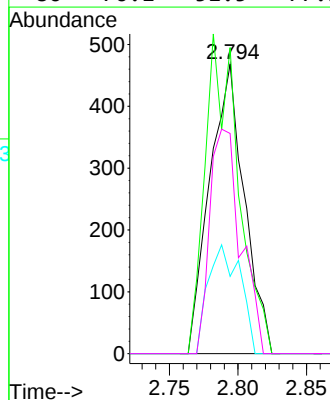
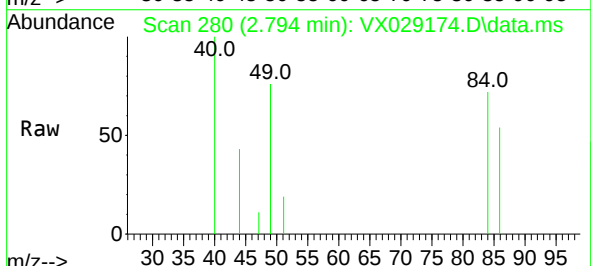
Instrument :
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ClientSampleId :
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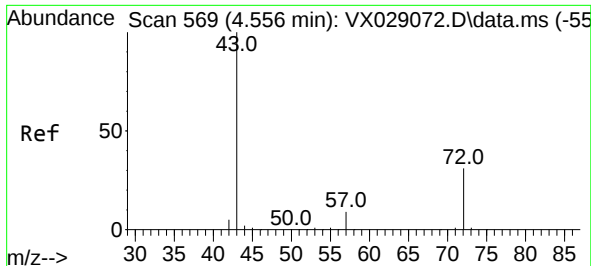
Tgt Ion: 73 Resp: 2246
Ion Ratio Lower Upper
73 100
57 36.6 16.8 25.2#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 84 Resp: 824
Ion Ratio Lower Upper
84 100
49 105.8 85.5 128.3
51 26.7 26.6 39.8
86 76.1 51.5 77.3

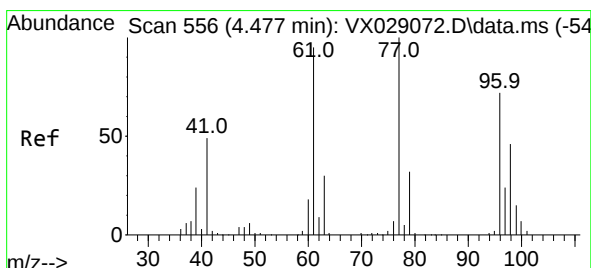
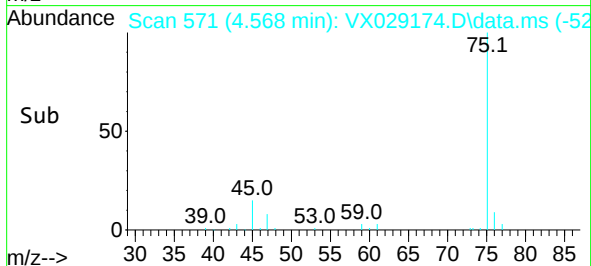
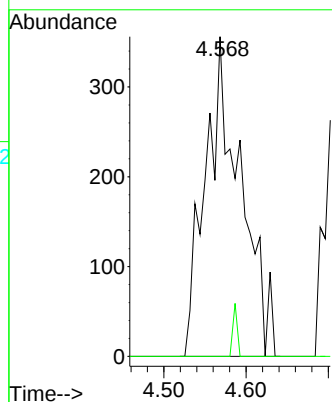
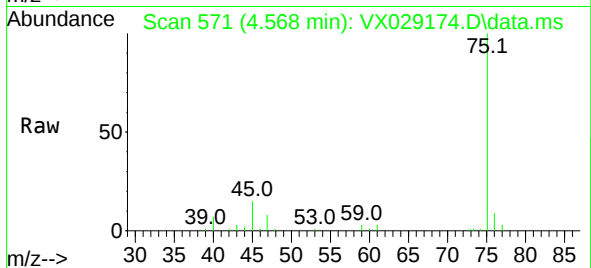




#25
2-Butanone
Concen: 0.474 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

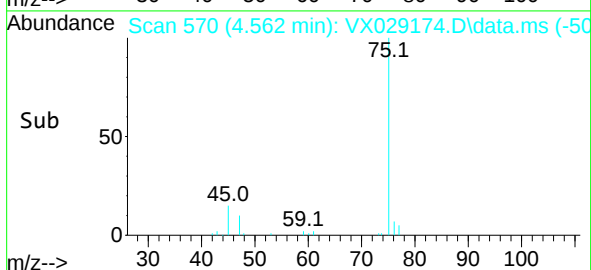
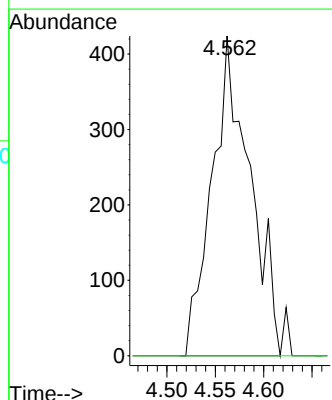
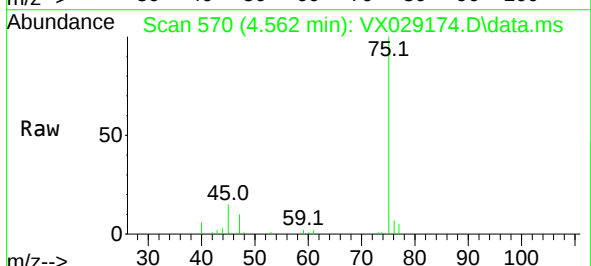
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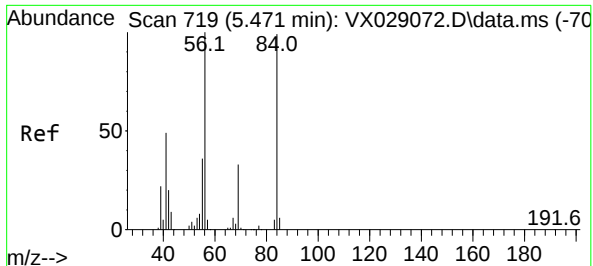
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#26
2,2-Dichloropropane
Concen: 0.269 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.085 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 77 Resp: 1154
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#

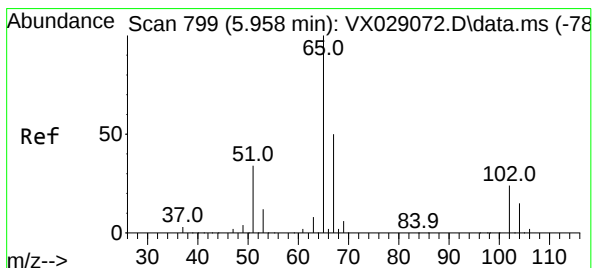
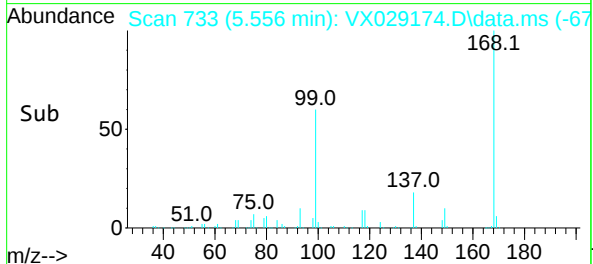
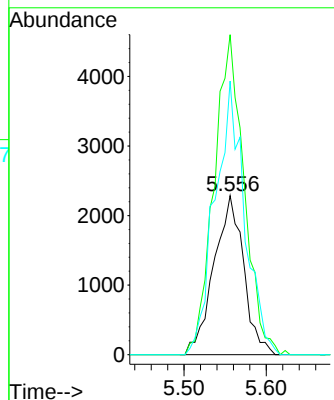
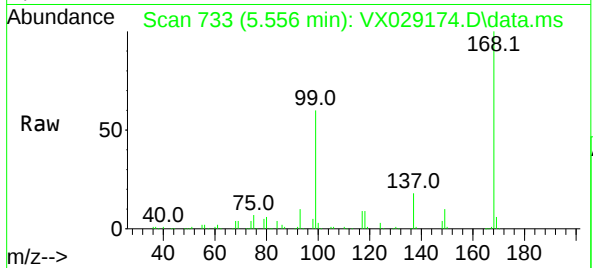




#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

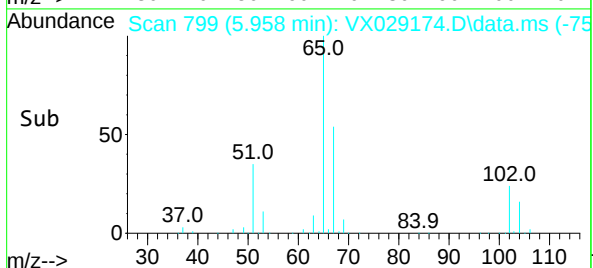
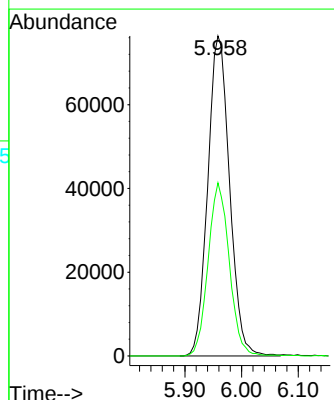
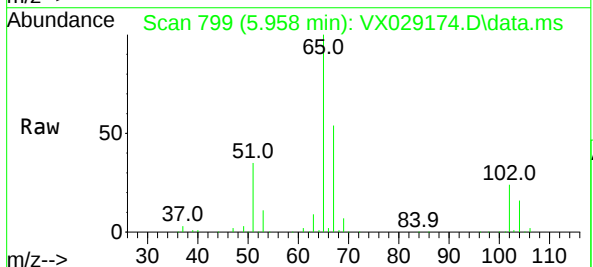
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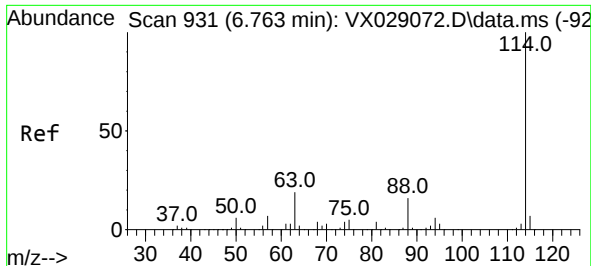
Tgt Ion: 56 Resp: 5735
Ion Ratio Lower Upper
56 100
69 201.3 26.7 40.1#
84 172.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 57.933 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 65 Resp: 204167
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

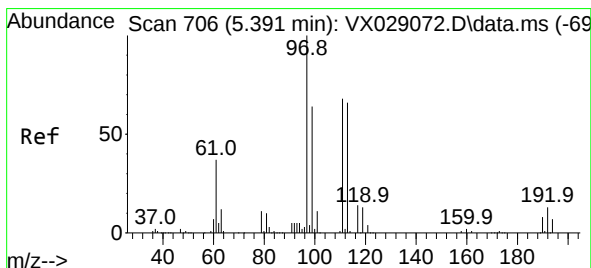
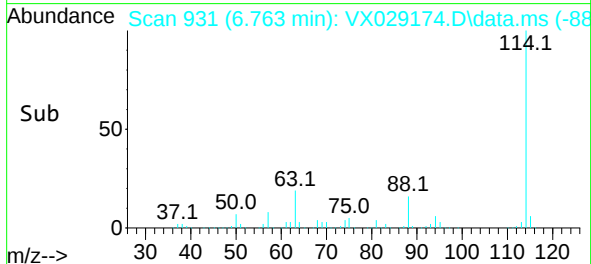
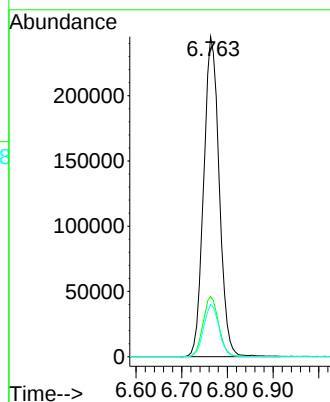
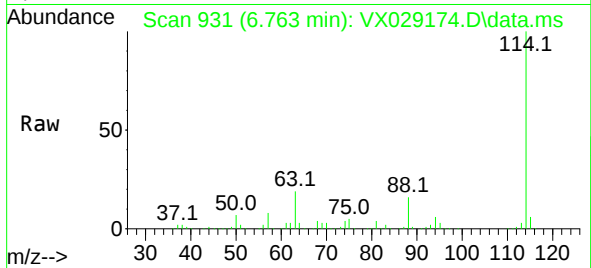




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

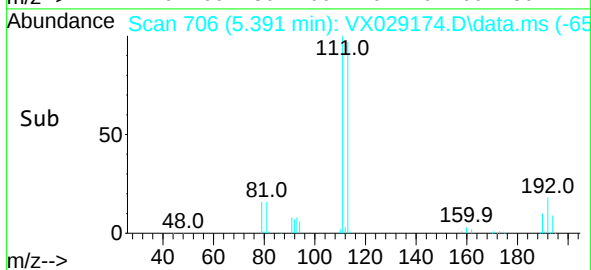
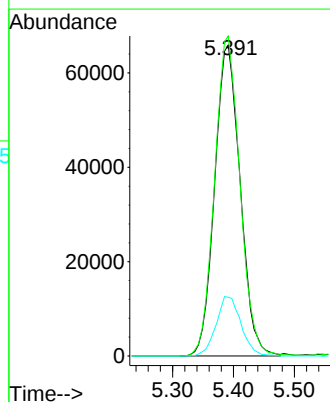
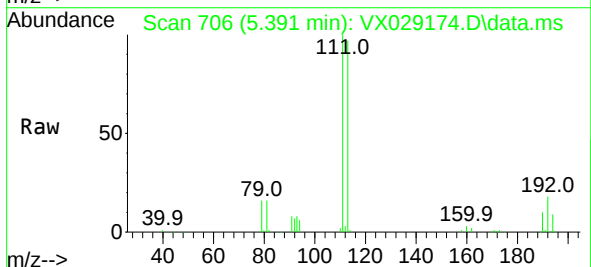
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

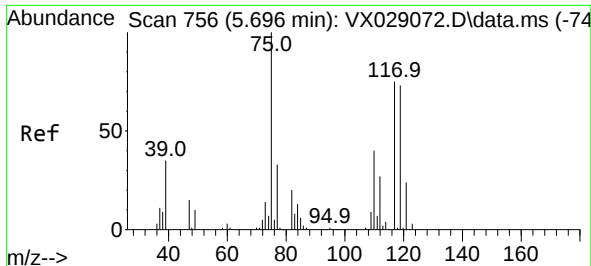
Tgt Ion:114 Resp: 578857
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.795 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion:113 Resp: 191458
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.7 16.9 25.3

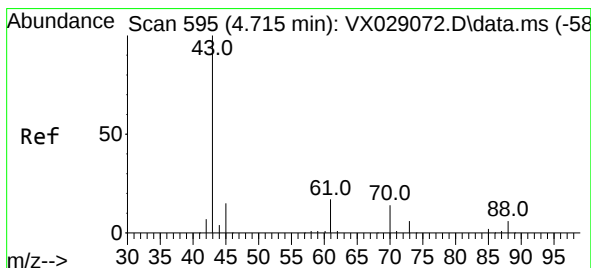
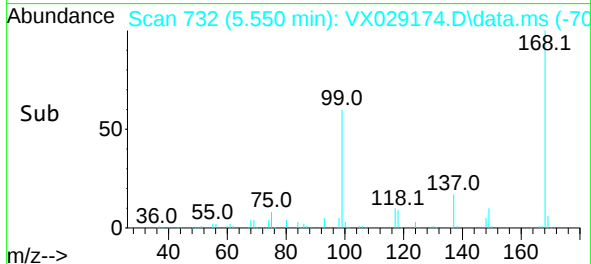
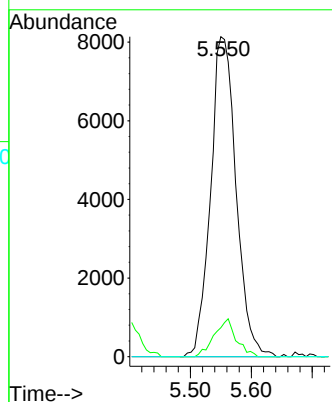
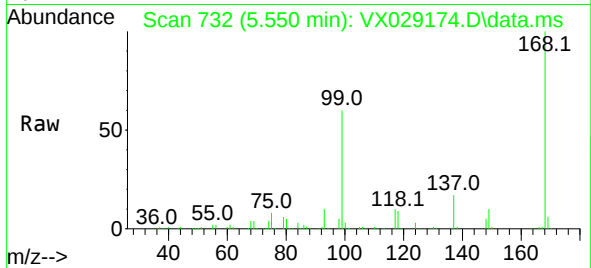




#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

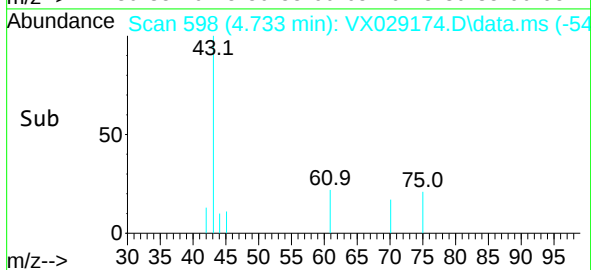
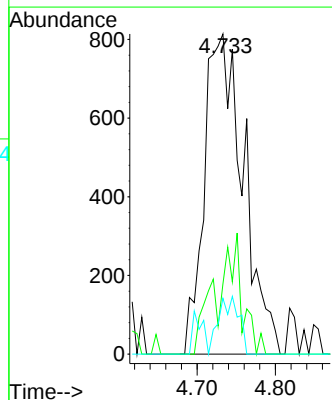
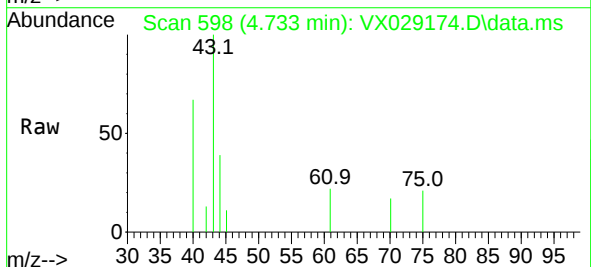
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

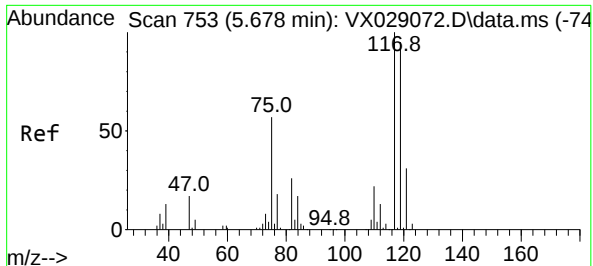
Tgt Ion: 75 Resp: 23706
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.589 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 43 Resp: 2823
Ion Ratio Lower Upper
43 100
61 8.3 12.6 19.0#
70 0.0 10.2 15.2#





#38

Carbon Tetrachloride

Concen: 5.637 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX029174.D

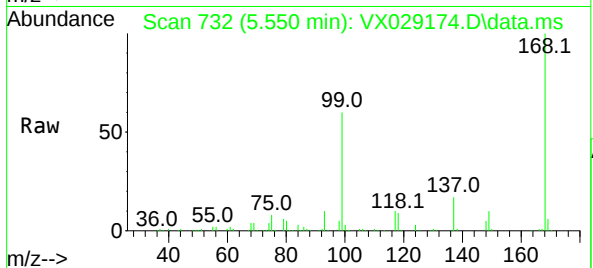
Acq: 03 Jun 2022 07:28

Instrument :

MSVOA_X

ClientSampleId :

37S-20220531



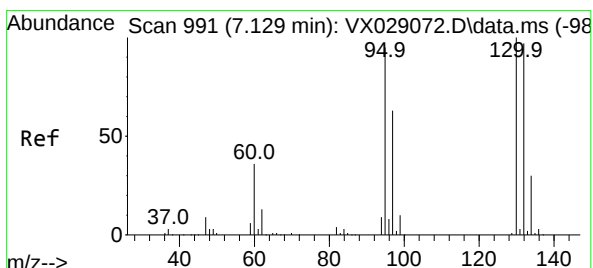
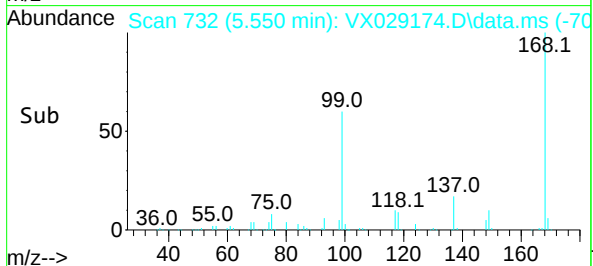
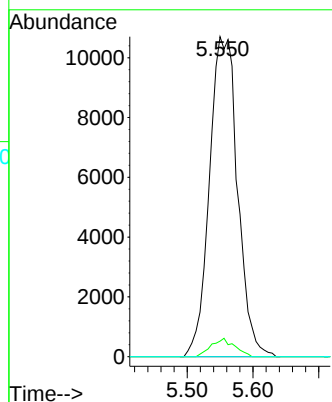
Tgt Ion:117 Resp: 31869

Ion Ratio Lower Upper

117 100

119 4.9 77.3 115.9#

121 0.0 24.2 36.2#



#44

Trichloroethene

Concen: Below Cal

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX029174.D

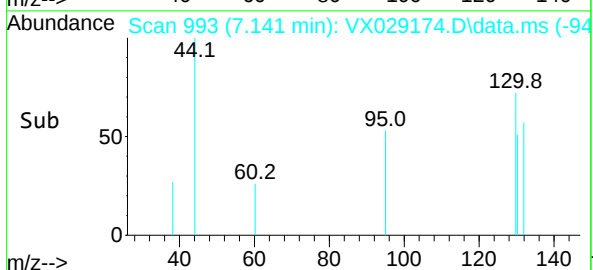
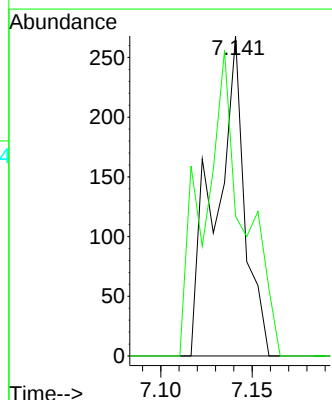
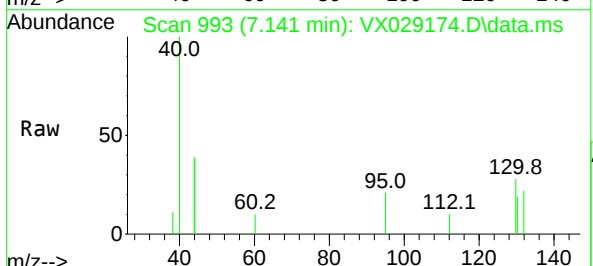
Acq: 03 Jun 2022 07:28

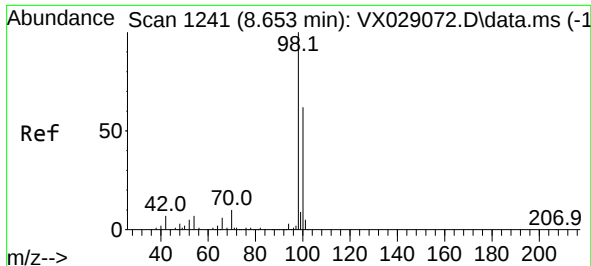
Tgt Ion:130 Resp: 300

Ion Ratio Lower Upper

130 100

95 43.7 0.0 188.8

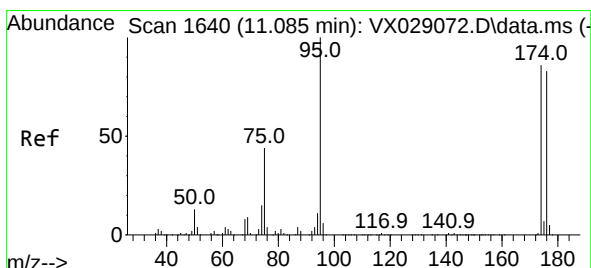
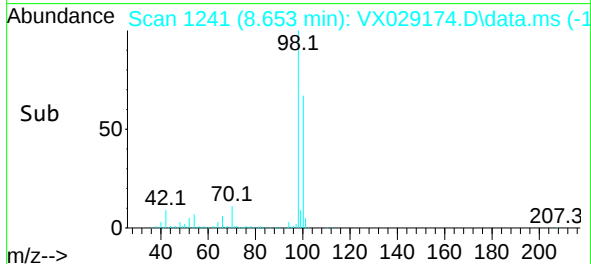
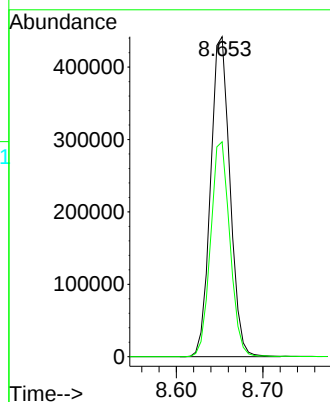
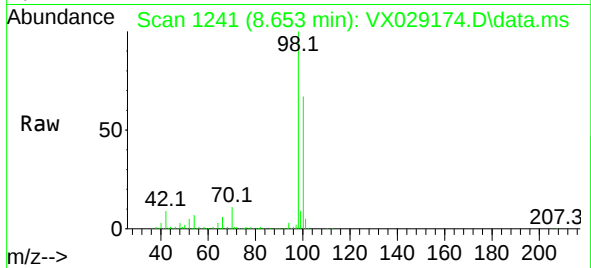




#50
Toluene-d8
Concen: 48.891 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

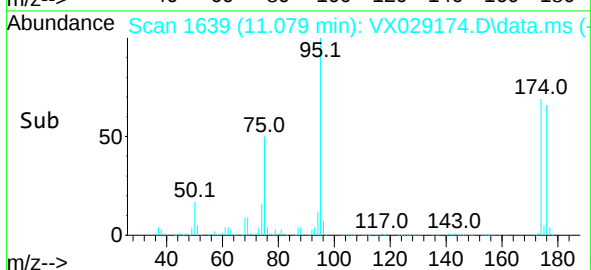
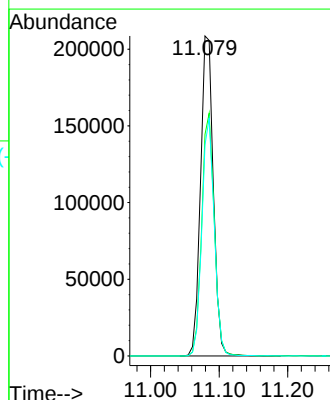
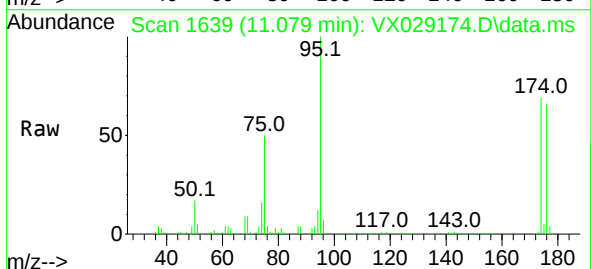
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

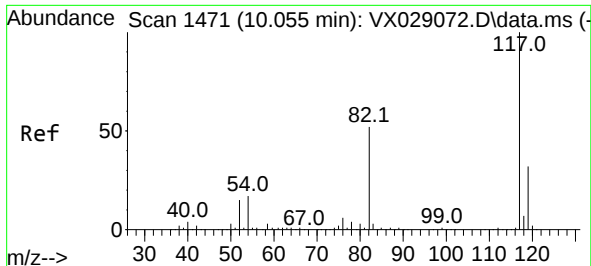
Tgt Ion: 98 Resp: 687524
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 95 Resp: 271815
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 71.8 0.0 155.0

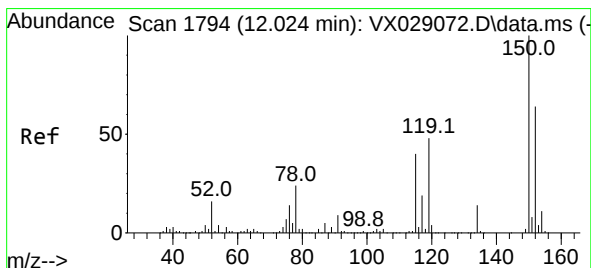
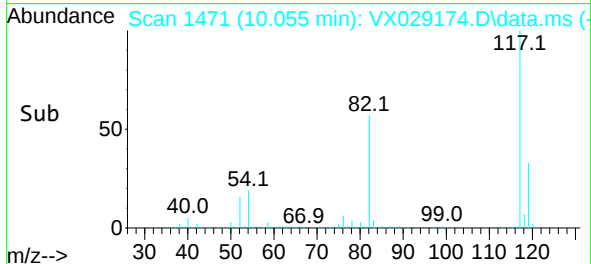
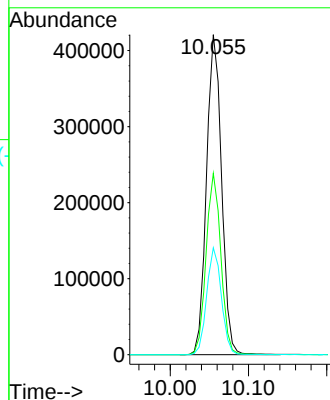
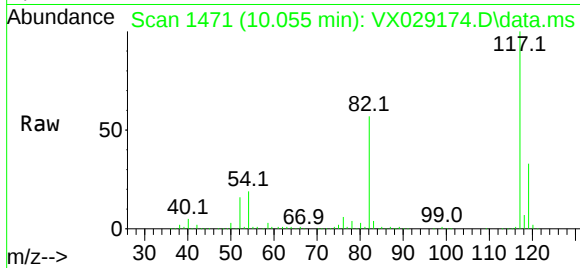




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

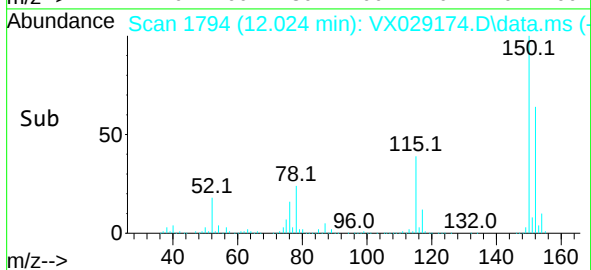
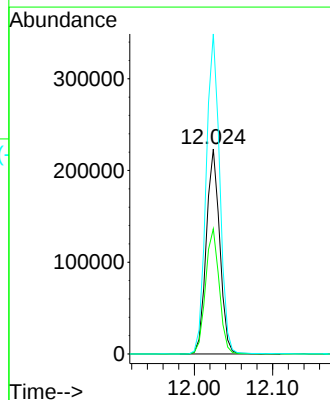
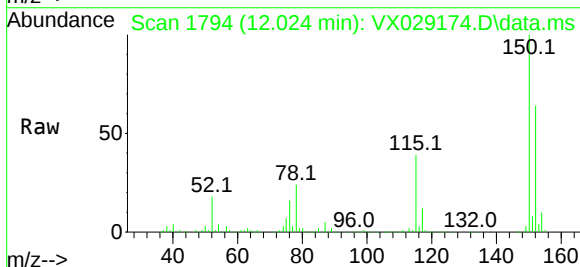
Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

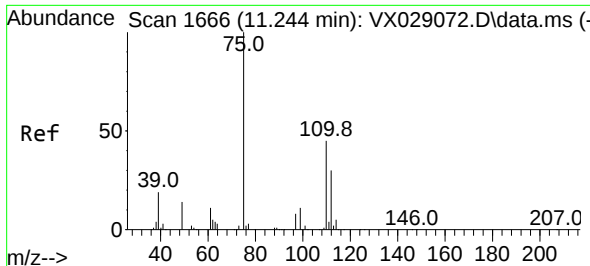
Tgt Ion:117 Resp: 561174
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 33.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion:152 Resp: 265445
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 158.0 0.0 338.2

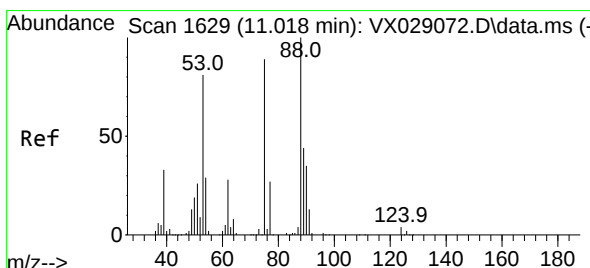
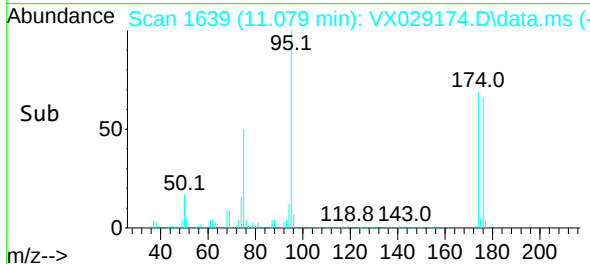
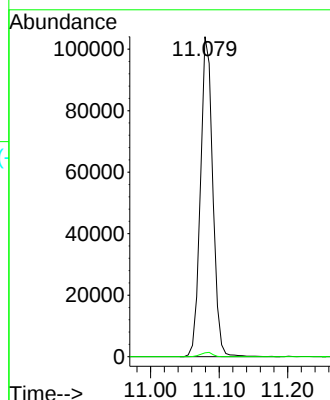
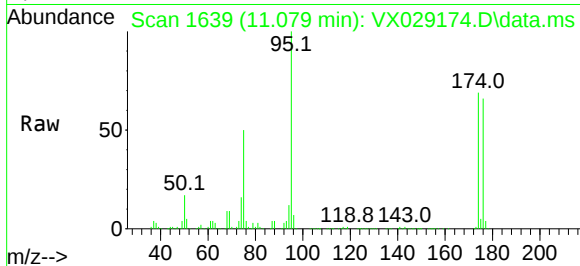




#76
1,2,3-Trichloropropane
Concen: 24.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Instrument :
MSVOA_X
ClientSampleId :
37S-20220531

Tgt Ion: 75 Resp: 130494
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029174.D
Acq: 03 Jun 2022 07:28

Tgt Ion: 75 Resp: 130494
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

