

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029748.D
 Acq On : 23 Jun 2022 16:51
 Operator : JC/MD
 Sample : N3317-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 24 05:40:19 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)

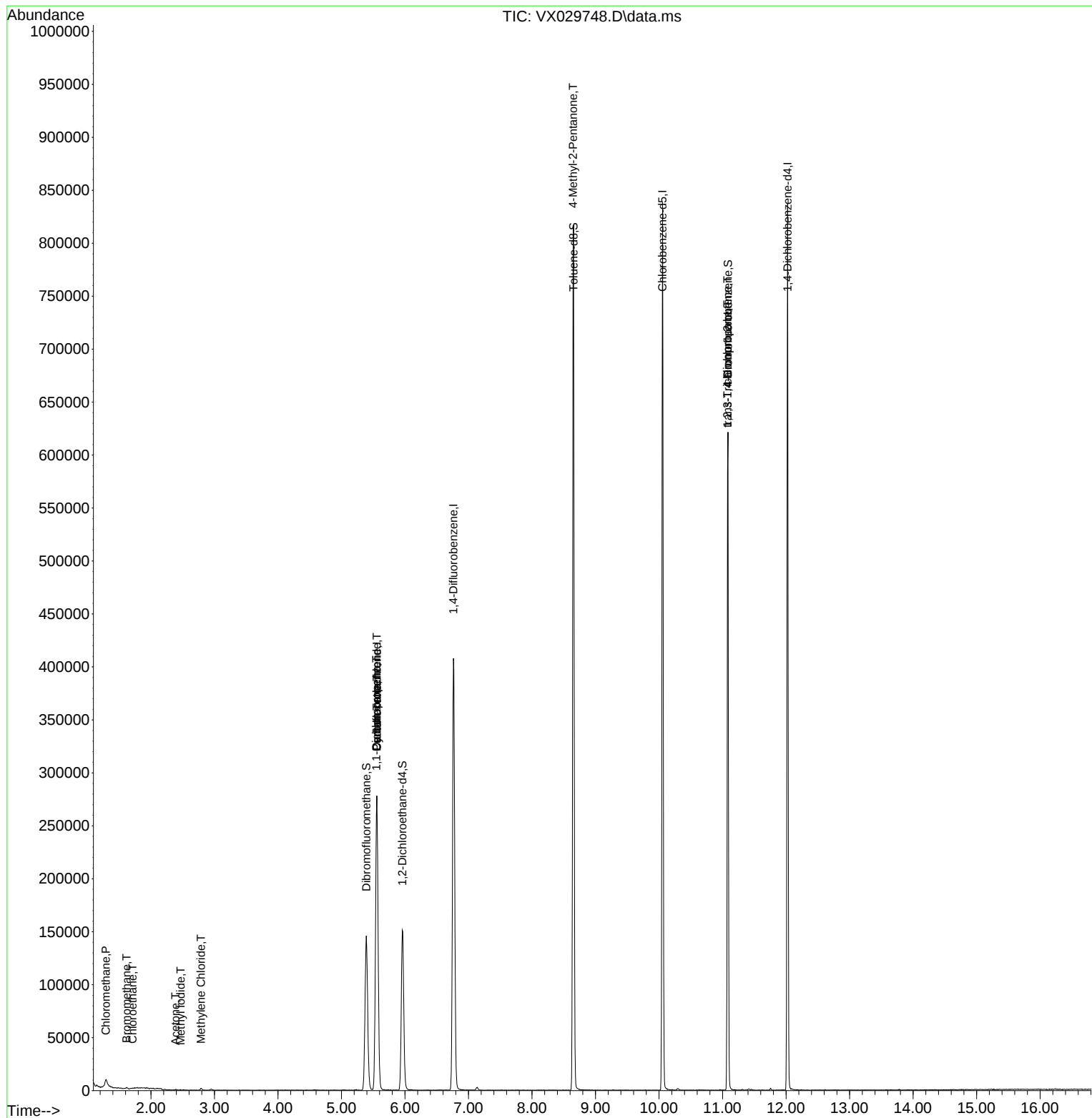
Internal Standards						
1) Pentafluorobenzene	5.556	168	267589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	449222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144895	40.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.820%		
35) Dibromofluoromethane	5.391	113	130245	44.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.980%		
50) Toluene-d8	8.653	98	507968	47.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.085	95	179931	44.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	823	0.236	ug/l	90
5) Bromomethane	1.618	94	349	0.213	ug/l	96
6) Chloroethane	1.709	64	529	1.497	ug/l #	43
10) Methyl Iodide	2.465	142	194	3.074	ug/l #	41
11) Tert butyl alcohol	2.953	59	598	Below Cal	#	72
16) Acetone	2.386	43	487	0.345	ug/l	99
20) Methylene Chloride	2.788	84	927	0.295	ug/l #	76
31) Cyclohexane	5.556	56	4531	0.953	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19451	4.909	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26441	6.786	ug/l #	17
44) Trichloroethene	7.135	130	1056	Below Cal		92
51) 4-Methyl-2-Pentanone	8.647	43	1698	0.417	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84860	22.609	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	84860	75.214	ug/l #	15

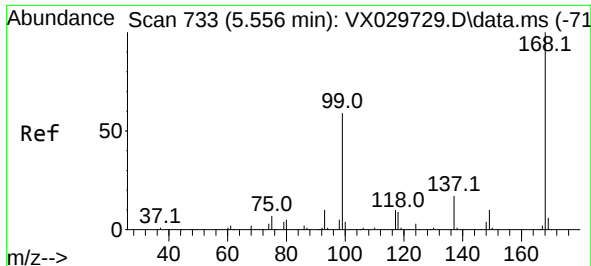
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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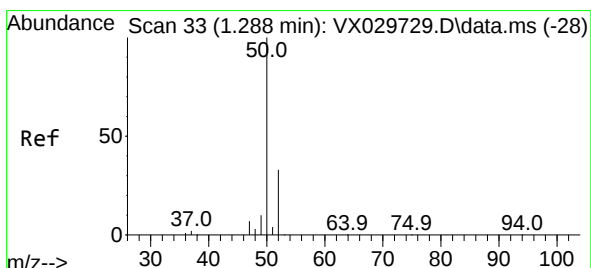
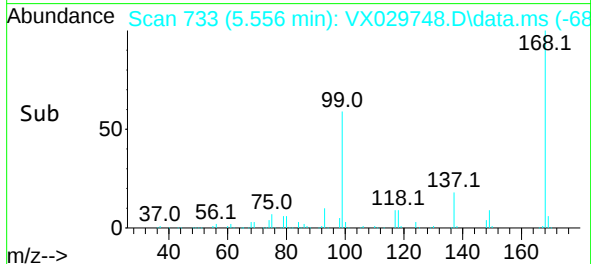
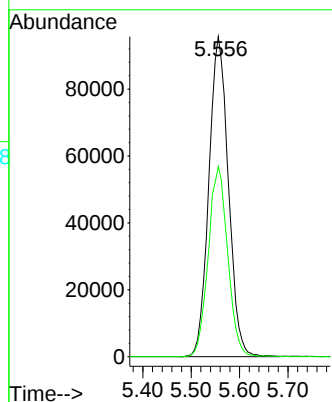
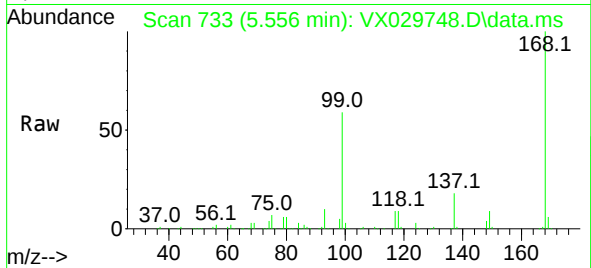




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

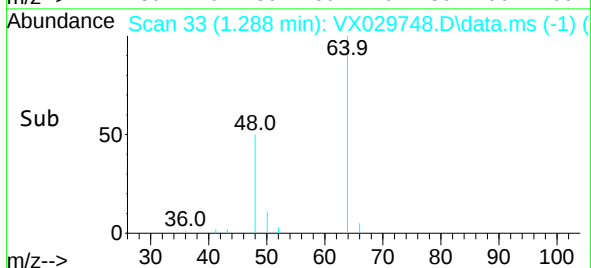
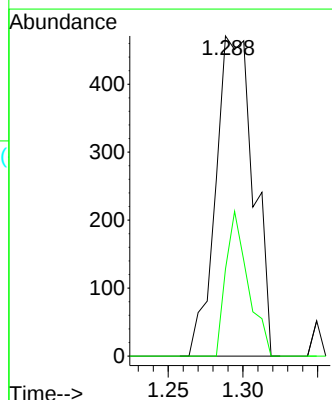
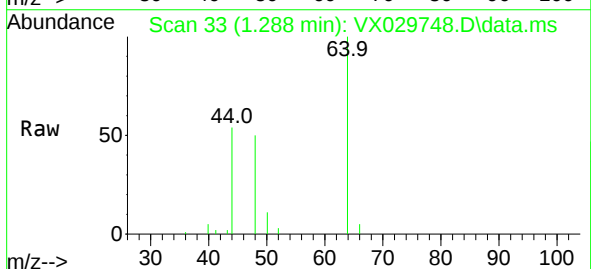
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

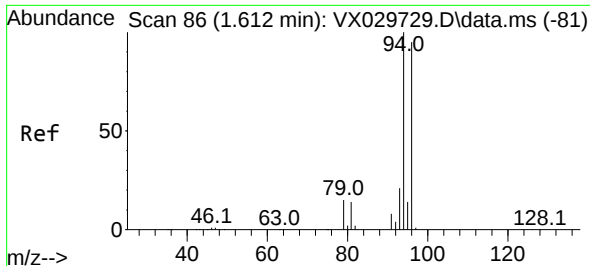
Tgt Ion:168 Resp: 267589
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#3
Chloromethane
Concen: 0.236 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 50 Resp: 823
Ion Ratio Lower Upper
50 100
52 27.2 26.4 39.6

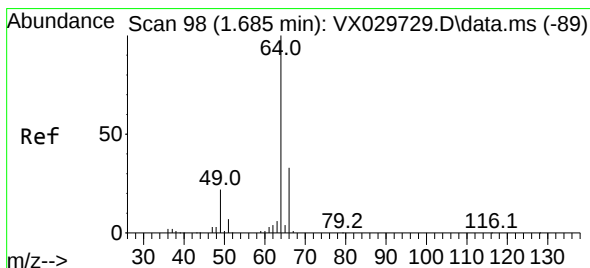
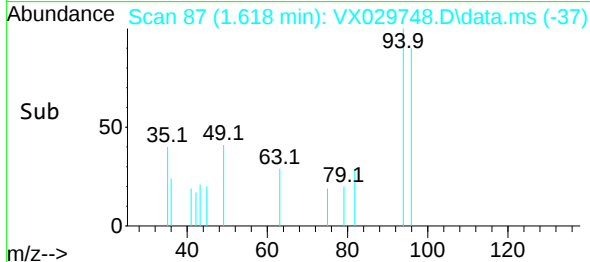
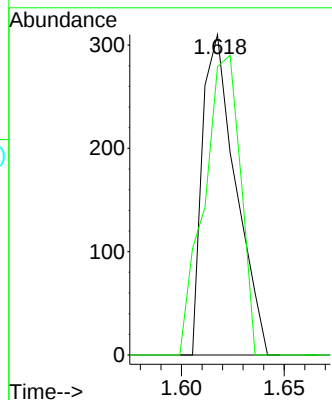
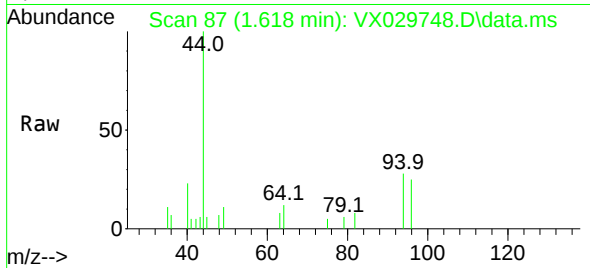




#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

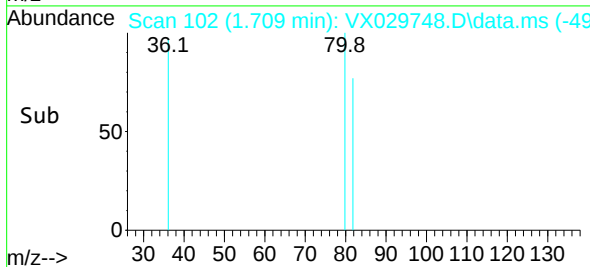
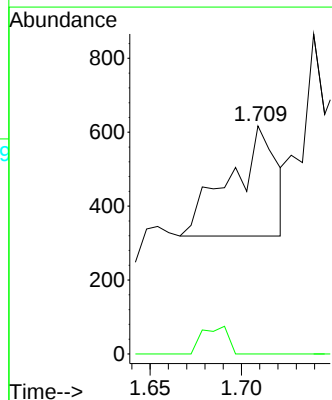
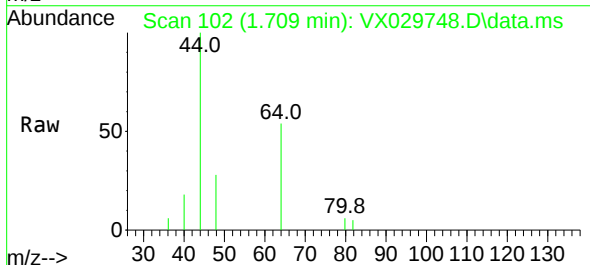
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

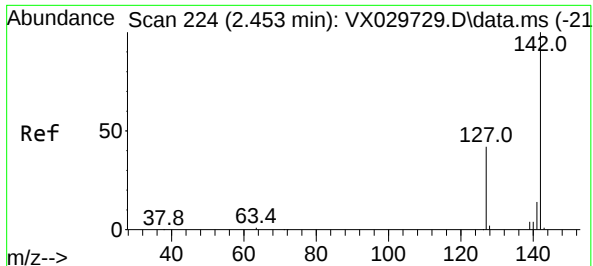
Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 90.0 75.3 112.9



#6
Chloroethane
Concen: 1.497 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 64 Resp: 529
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

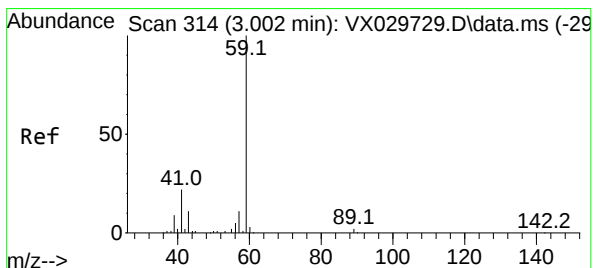
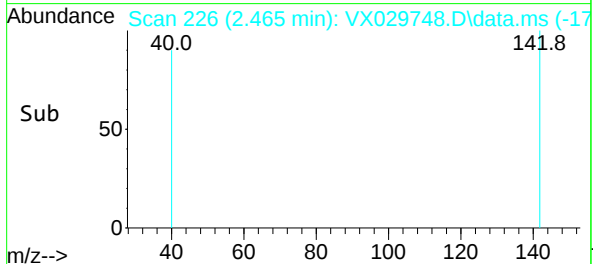
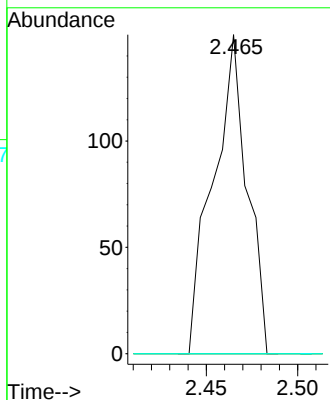
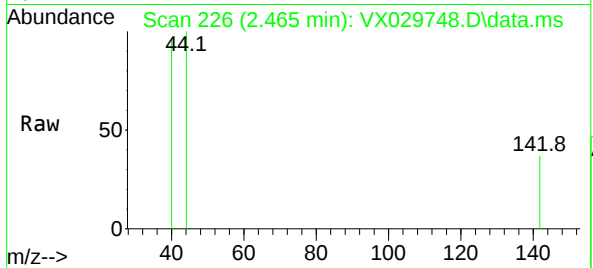




#10
Methyl Iodide
Concen: 3.074 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

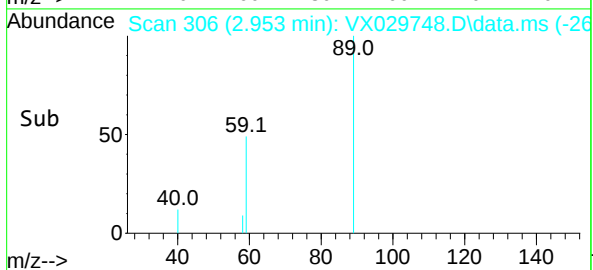
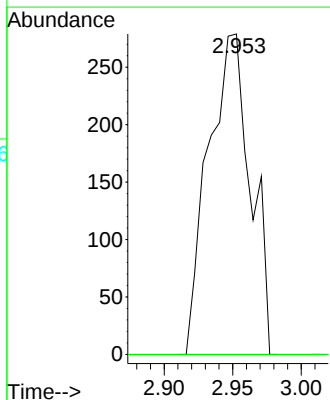
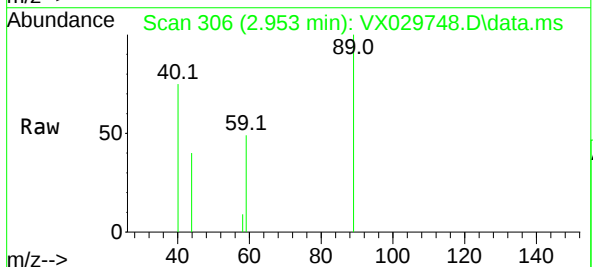
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

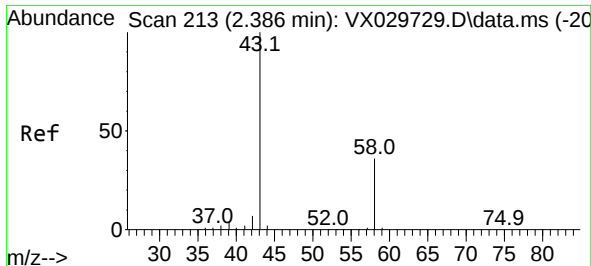
Tgt Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 59 Resp: 598
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

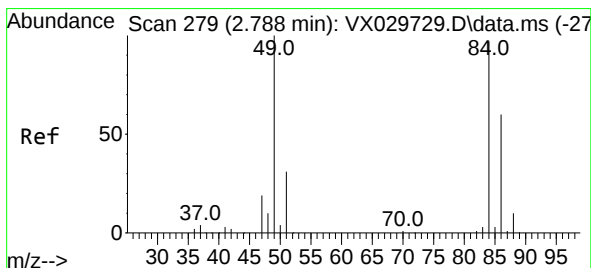
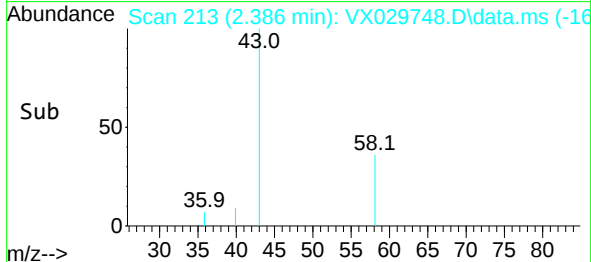
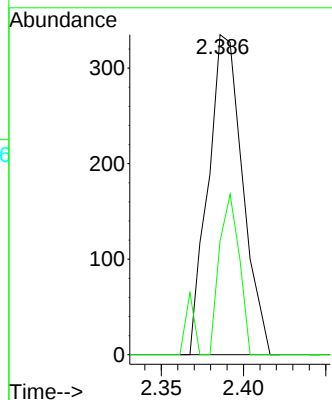
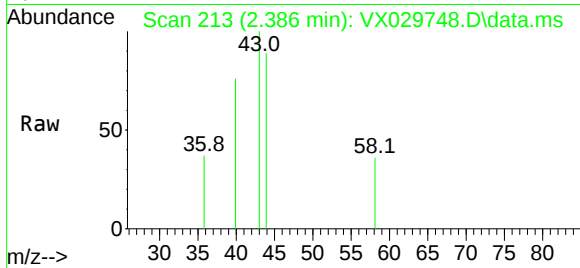




#16
Acetone
Concen: 0.345 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

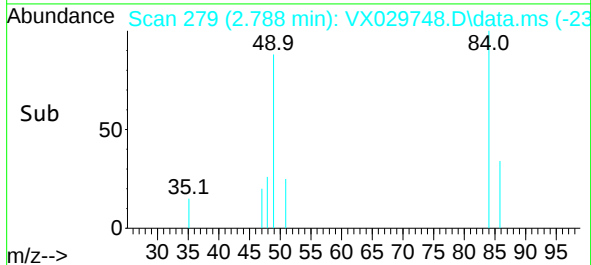
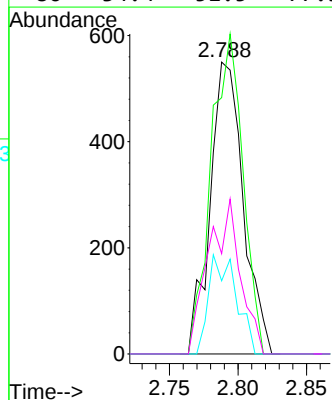
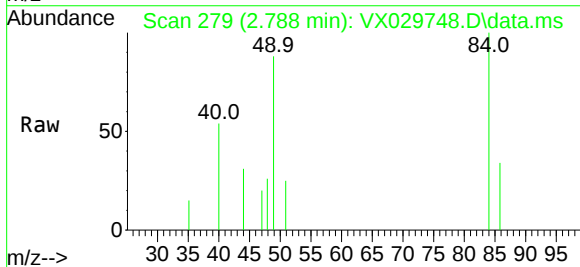
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

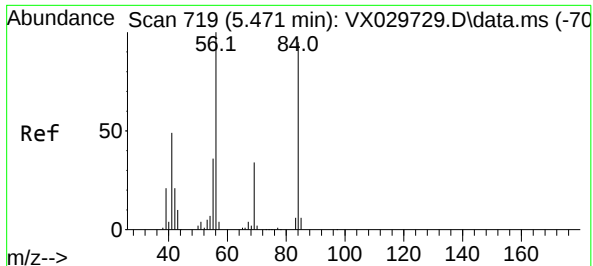
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 35.5 28.8 43.2



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

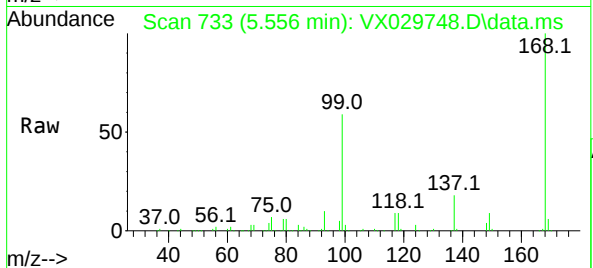
Tgt Ion: 84 Resp: 927
Ion Ratio Lower Upper
84 100
49 87.8 85.5 128.3
51 25.1 26.6 39.8#
86 34.4 51.5 77.3#



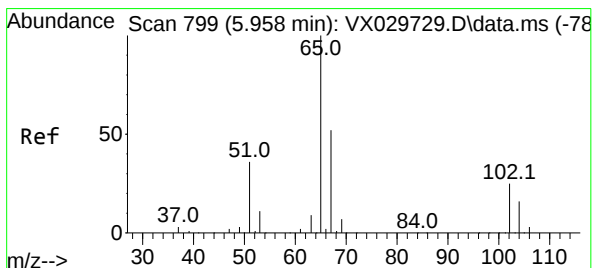
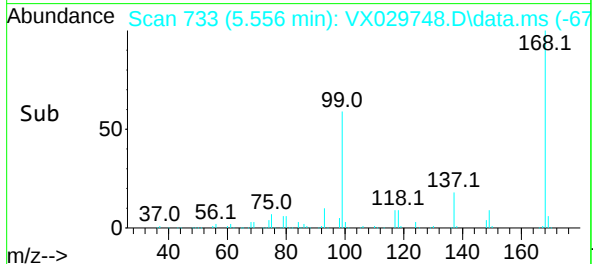
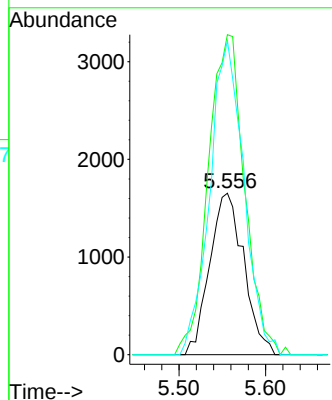


#31
Cyclohexane
Concen: 0.953 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

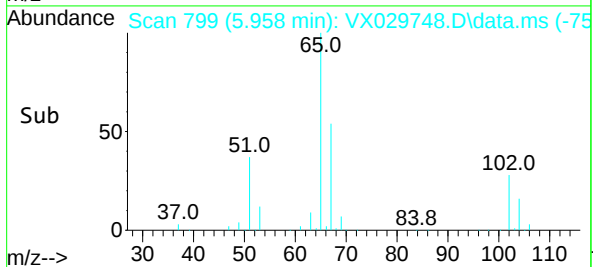
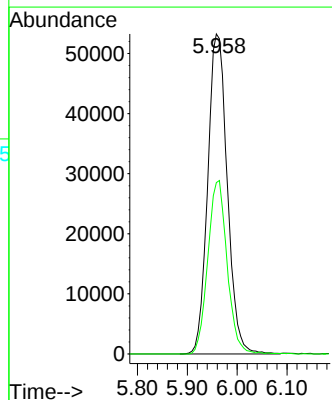
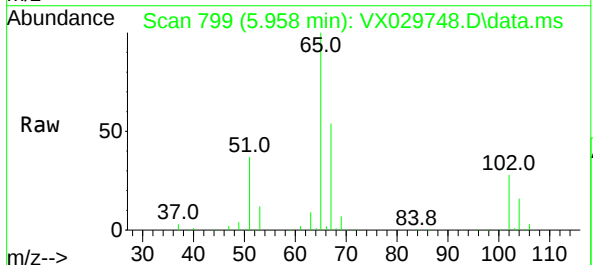


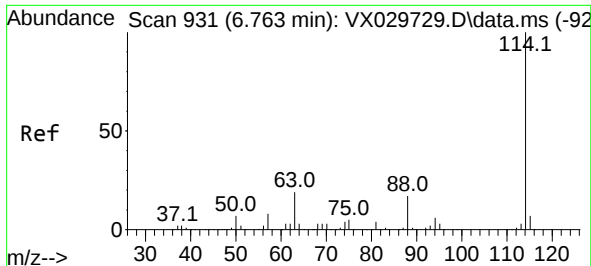
Tgt Ion: 56 Resp: 4531
Ion Ratio Lower Upper
56 100
69 198.2 26.7 40.1#
84 194.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.906 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 65 Resp: 144895
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4

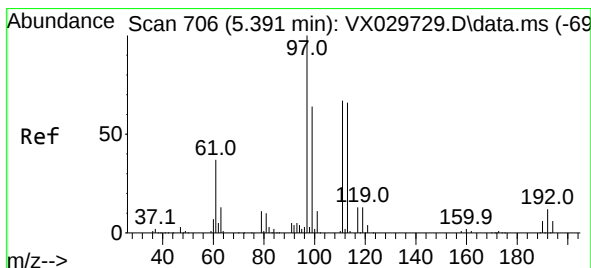
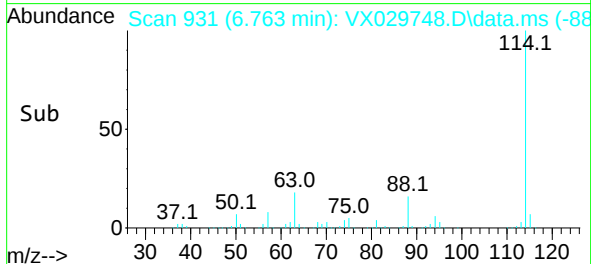
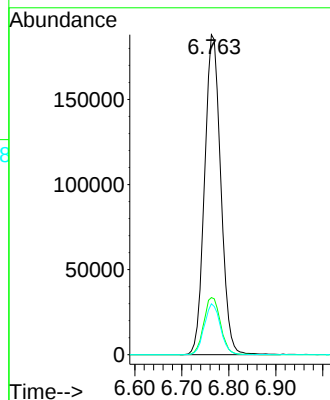
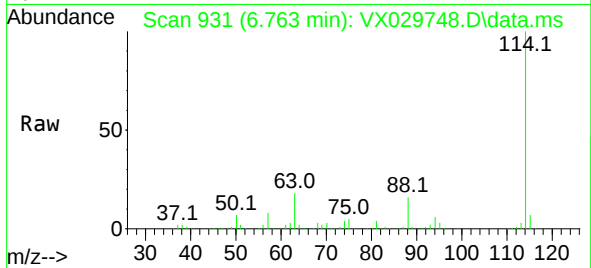




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

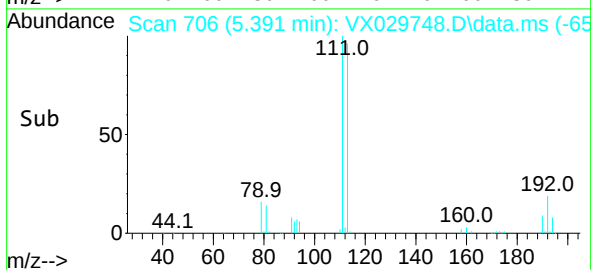
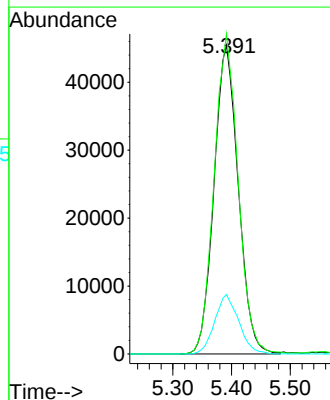
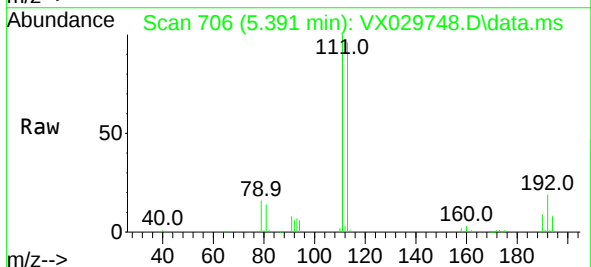
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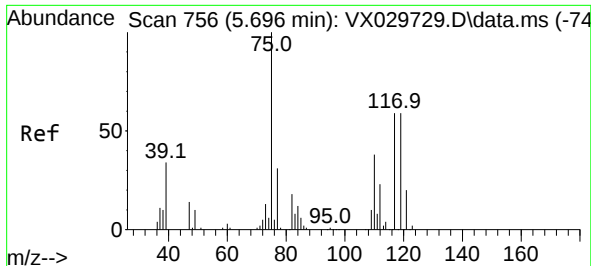
Tgt Ion:114 Resp: 449222
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.490 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion:113 Resp: 130245
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.1 16.9 25.3

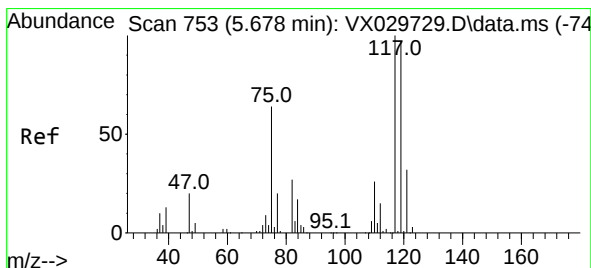
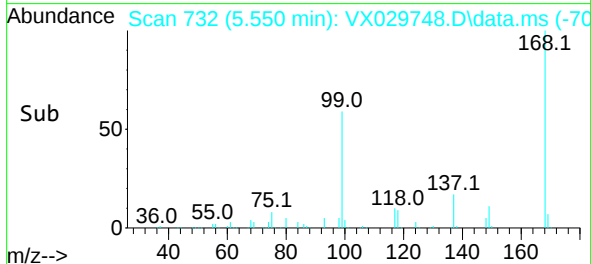
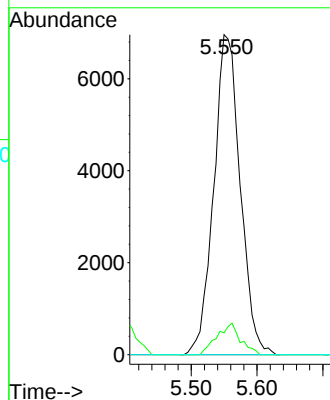
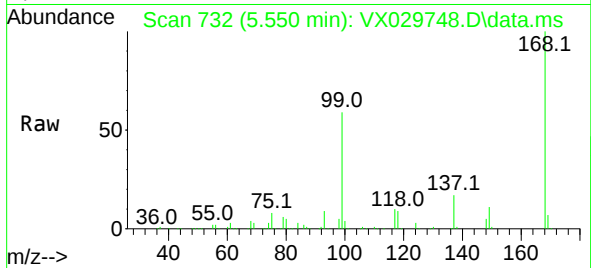




#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

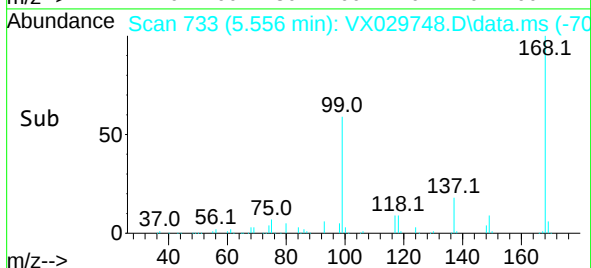
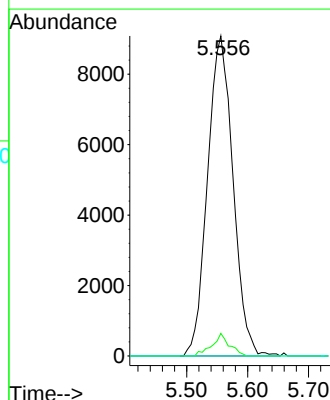
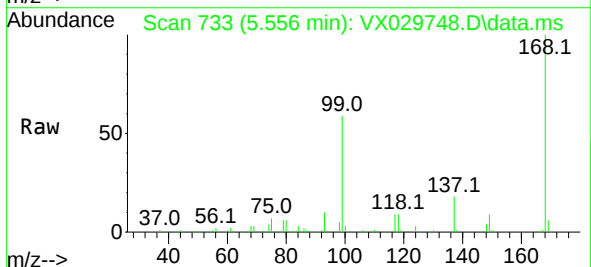
Instrument :
MSVOA_X
ClientSampleId :
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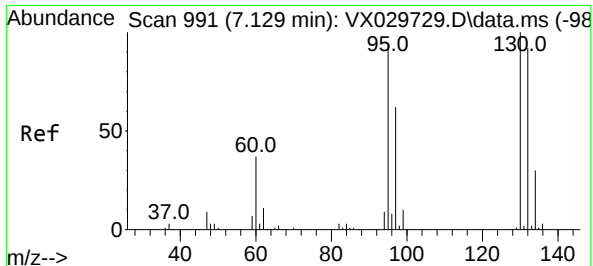
Tgt Ion: 75 Resp: 19451
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.786 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 117 Resp: 26441
Ion Ratio Lower Upper
117 100
119 7.0 77.3 115.9#
121 0.0 24.2 36.2#

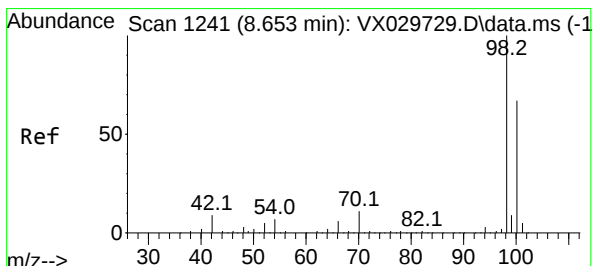
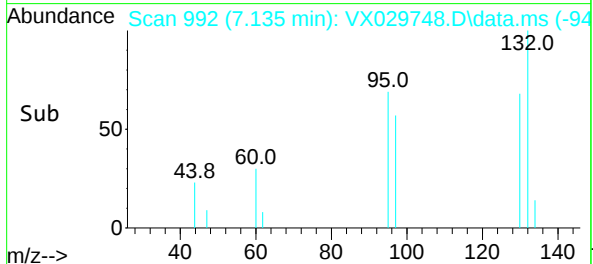
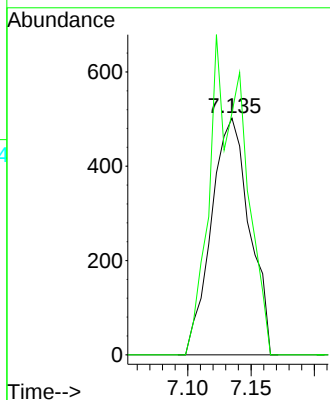
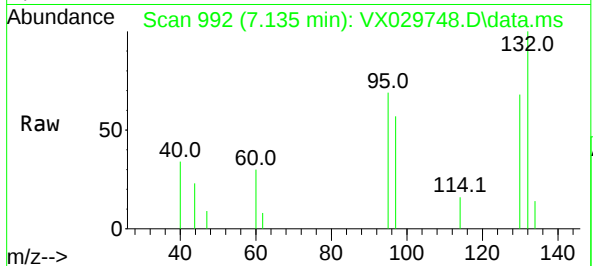




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

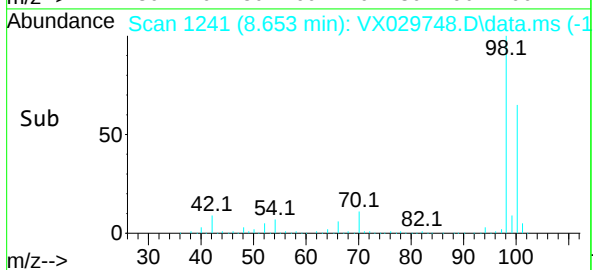
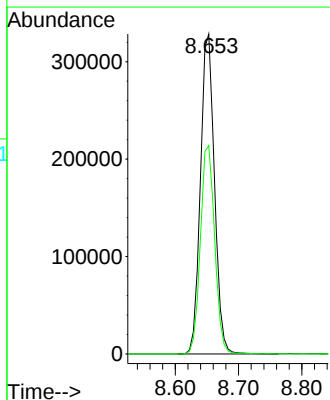
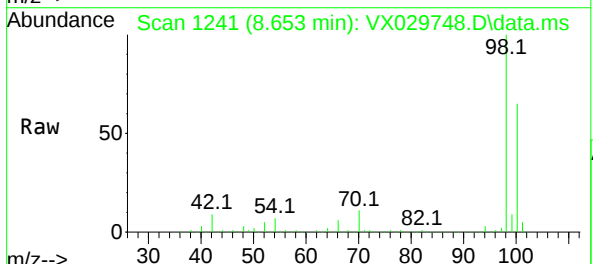
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

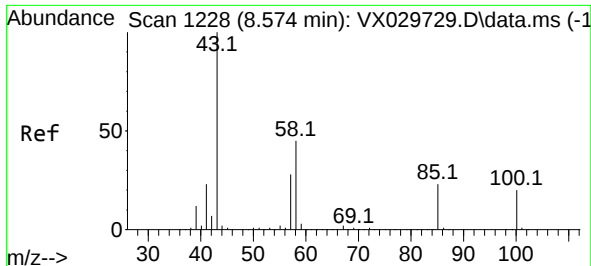
Tgt Ion:130 Resp: 1056
Ion Ratio Lower Upper
130 100
95 102.2 0.0 188.8



#50
Toluene-d8
Concen: 47.497 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 98 Resp: 507968
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

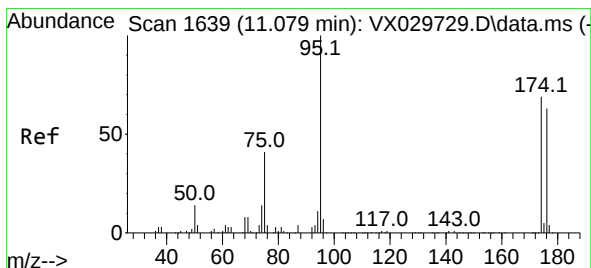
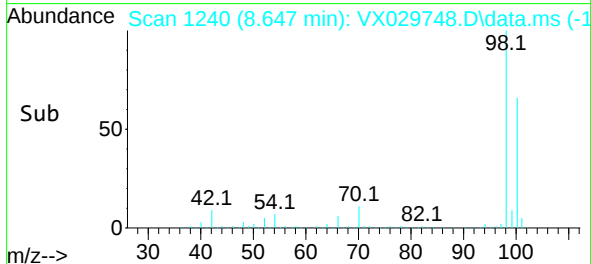
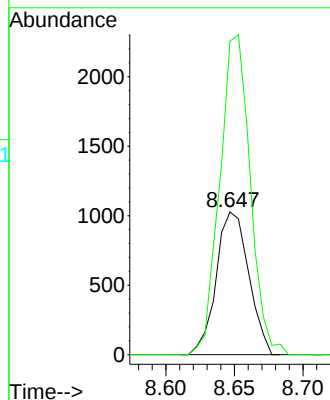
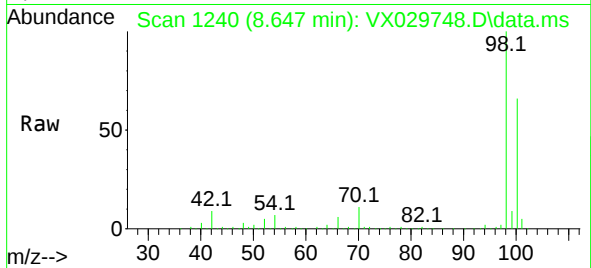




#51
4-Methyl-2-Pentanone
Concen: 0.417 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

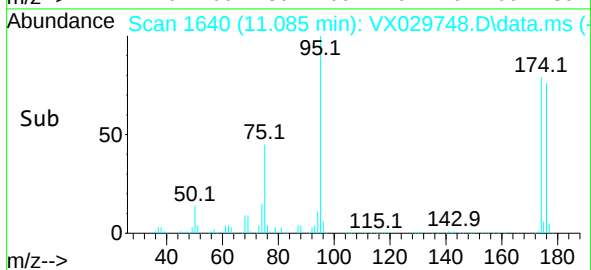
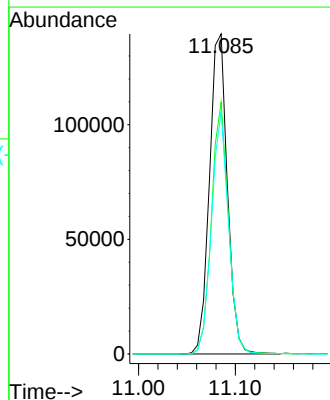
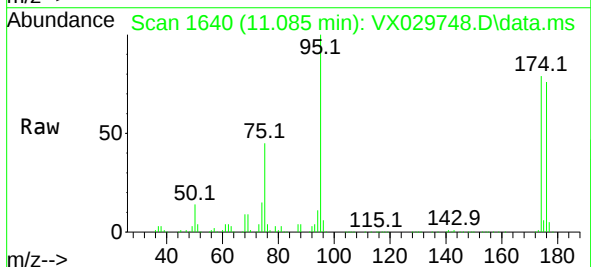
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

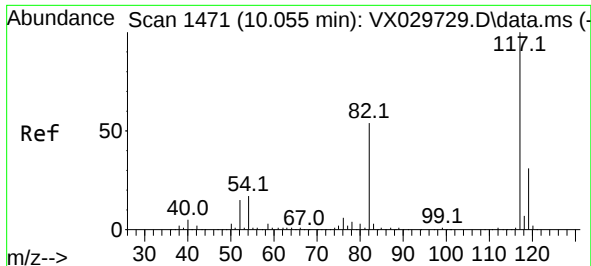
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 209.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 44.613 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 95 Resp: 179931
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 71.8 0.0 155.0

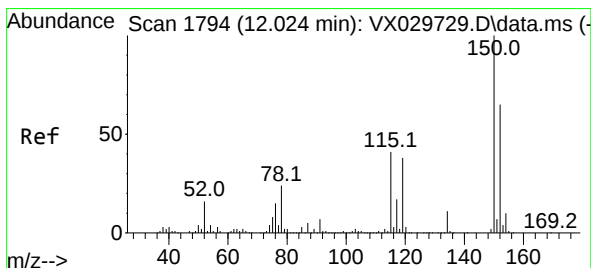
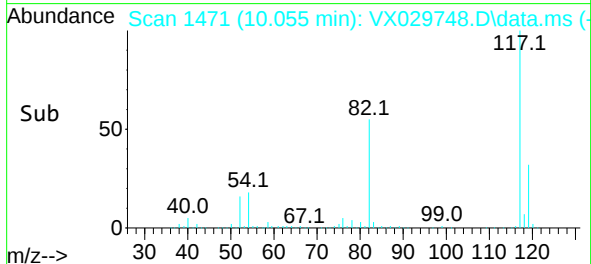
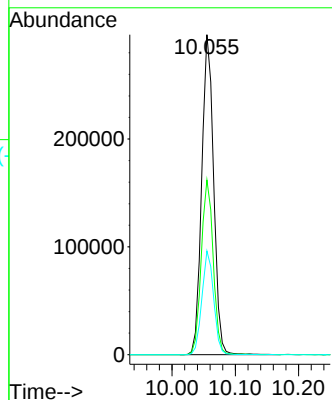
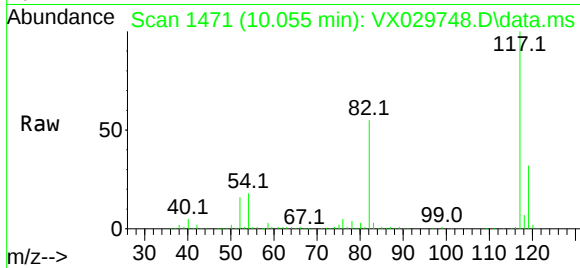




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

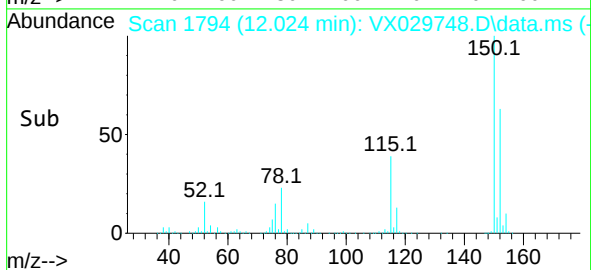
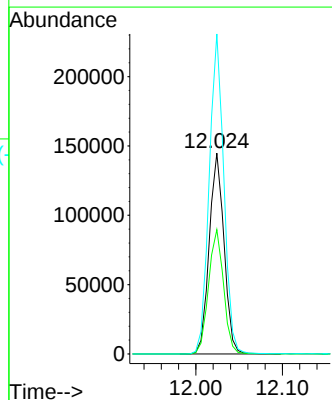
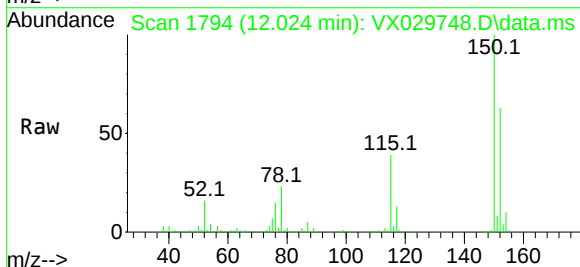
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

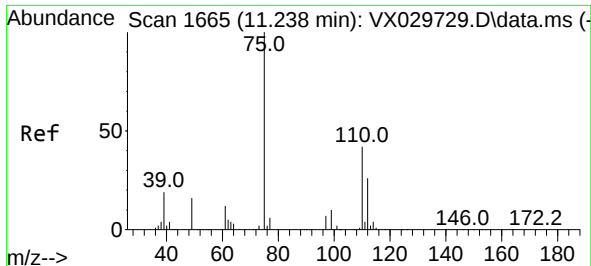
Tgt Ion:117 Resp: 390019
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion:152 Resp: 172292
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 157.4 0.0 338.2

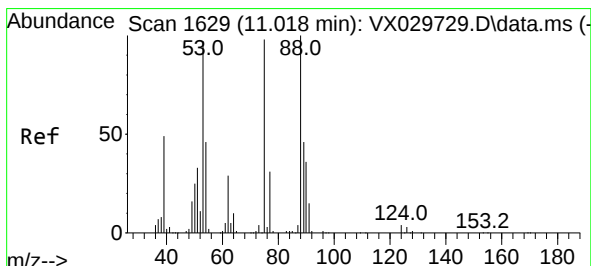
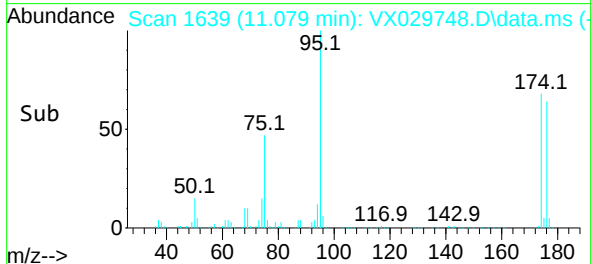
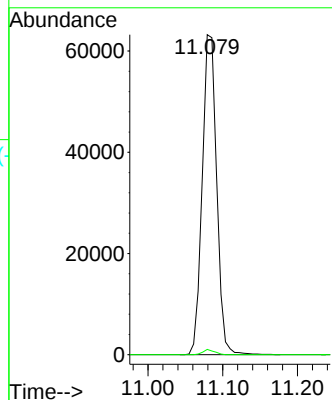
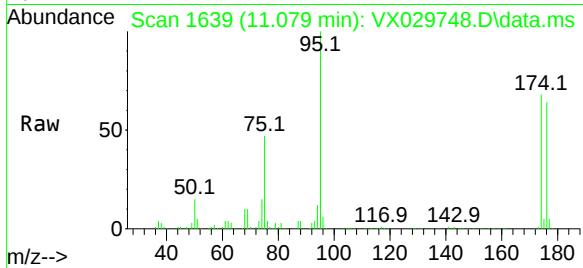




#76
1,2,3-Trichloropropane
Concen: 22.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 84860
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029748.D
Acq: 23 Jun 2022 16:51

Tgt Ion: 75 Resp: 84860
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

