

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029251.D
 Acq On : 06 Jun 2022 20:14
 Operator : JC/MD
 Sample : N3195-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 07 06:06:51 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)

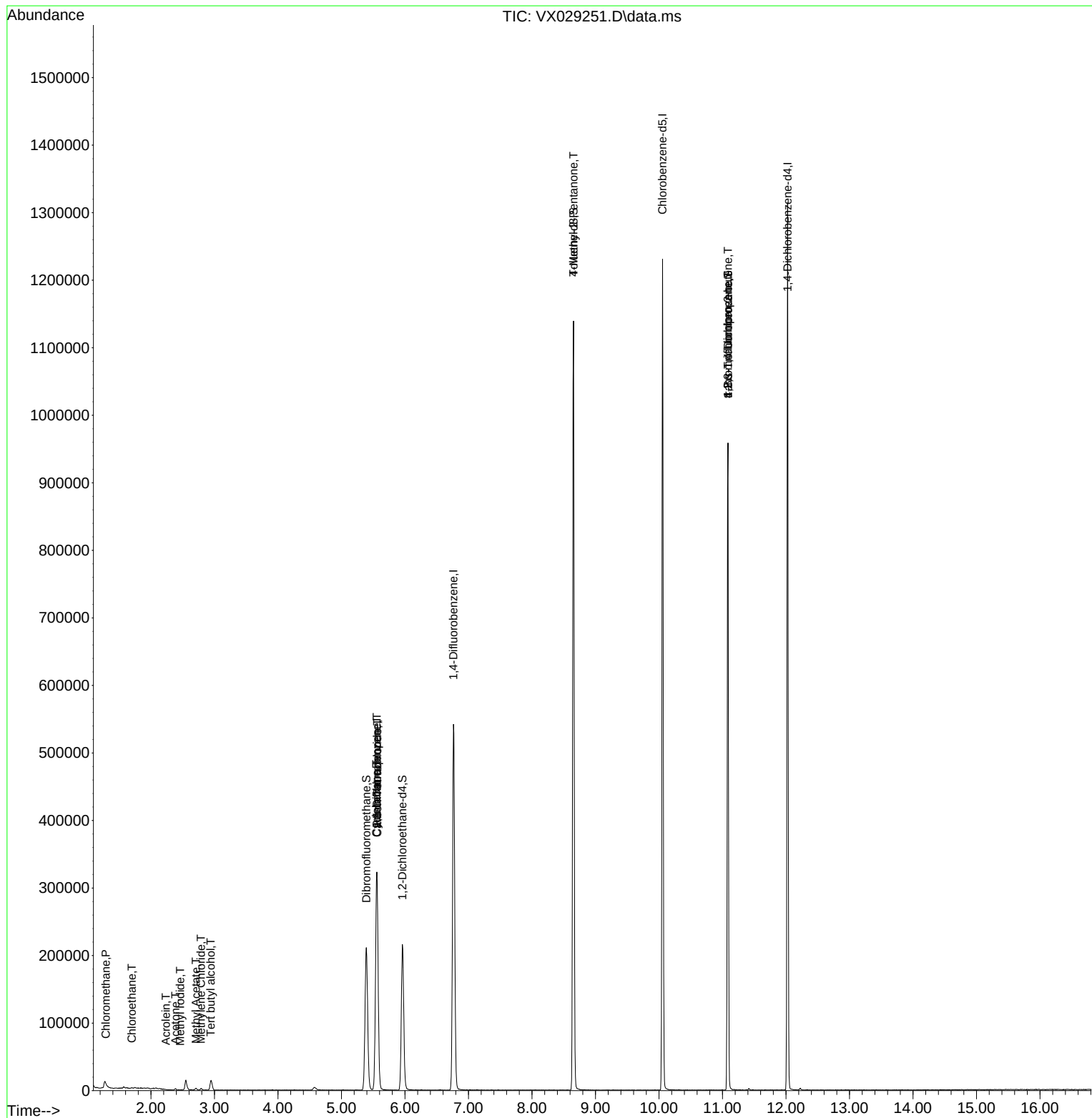
Internal Standards						
1) Pentafluorobenzene	5.556	168	302981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	565267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209238	61.243	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.480%	
35) Dibromofluoromethane	5.391	113	188896	50.310	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.620%	
50) Toluene-d8	8.653	98	680054	49.522	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	11.085	95	275266	51.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	639	0.232	ug/l	# 83
5) Bromomethane	1.618	94	583	Below Cal		98
6) Chloroethane	1.697	64	823	1.705	ug/l	# 43
10) Methyl Iodide	2.459	142	288	4.304	ug/l	# 41
11) Tert butyl alcohol	2.941	59	8338	10.535	ug/l	# 74
13) Acrolein	2.233	56	147	0.410	ug/l	# 64
16) Acetone	2.386	43	2174	1.616	ug/l	97
18) Methyl Acetate	2.709	43	3203	0.921	ug/l	98
20) Methylene Chloride	2.788	84	1194	0.381	ug/l	# 85
31) Cyclohexane	5.550	56	6238	1.404	ug/l	# 17
36) 1,1-Dichloropropene	5.556	75	24056	4.979	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	32276	5.846	ug/l	# 16
44) Trichloroethene	7.129	130	44	Below Cal		70
51) 4-Methyl-2-Pentanone	8.653	43	2378	0.488	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	134115	25.447	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	134115	74.657	ug/l	# 15

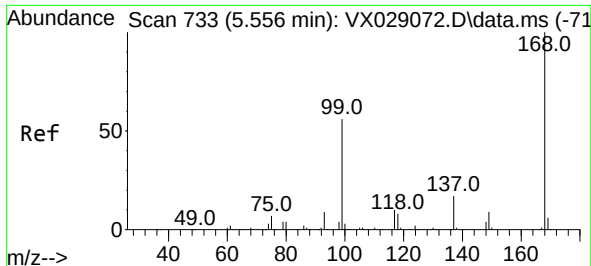
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 06:06:51 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

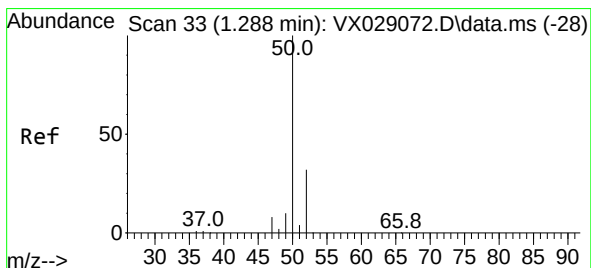
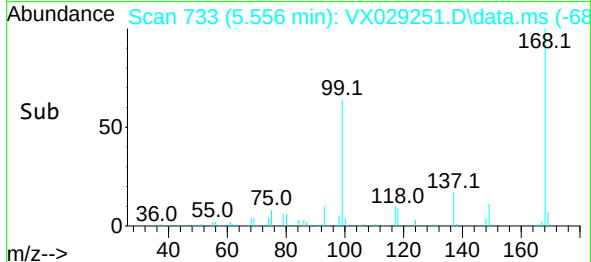
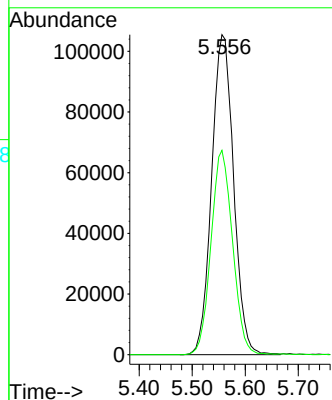
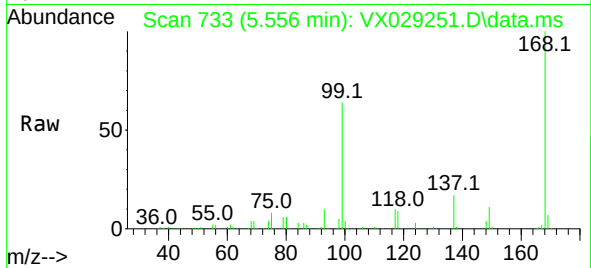




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

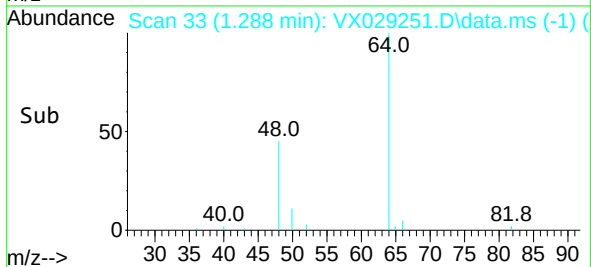
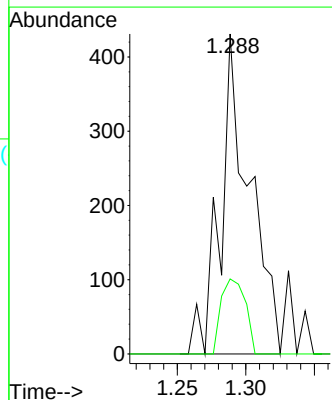
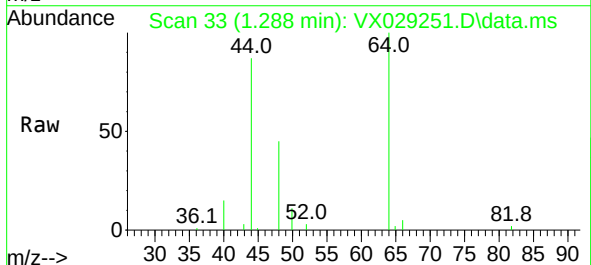
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

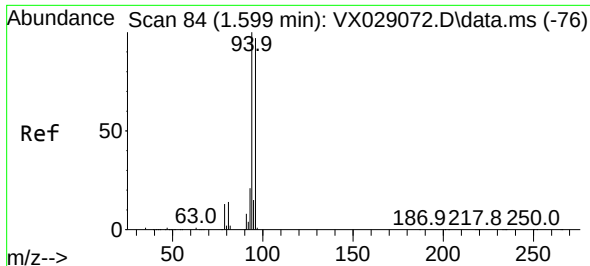
Tgt Ion:168 Resp: 302981
Ion Ratio Lower Upper
168 100
99 63.9 41.7 62.5#



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 23.4 26.4 39.6#

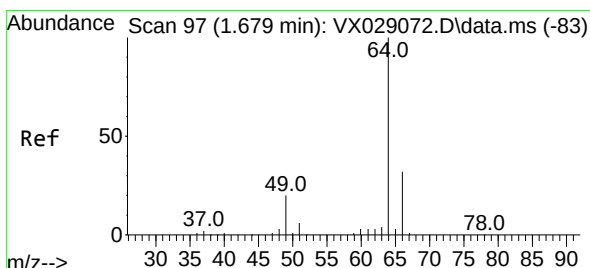
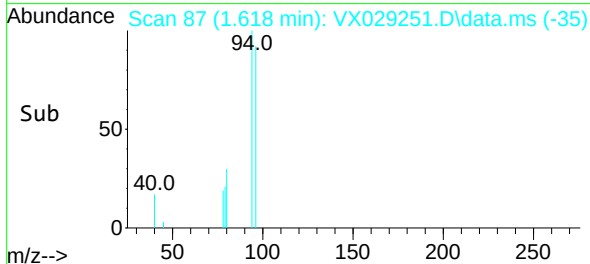
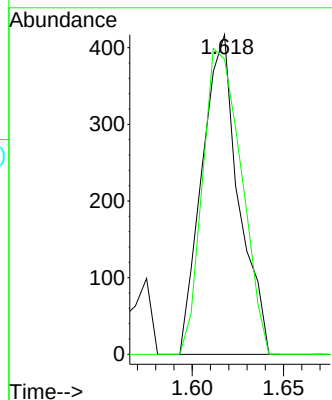
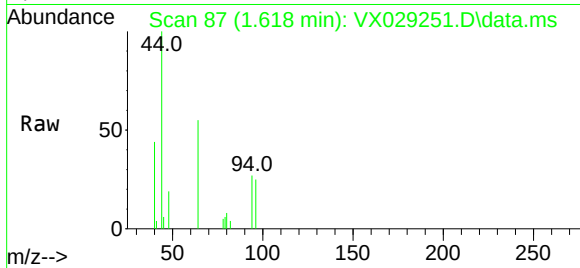




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

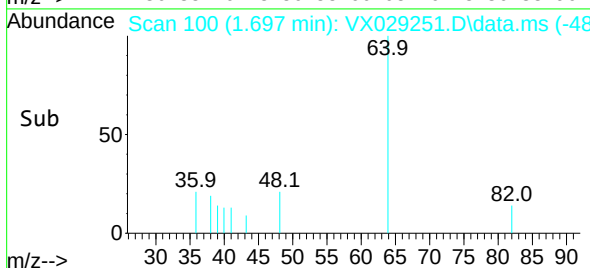
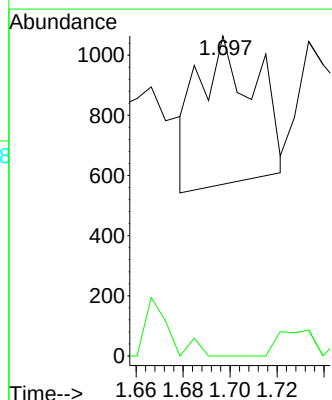
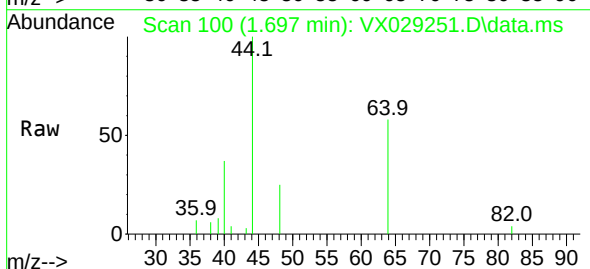
Instrument :
MSVOA_X
ClientSampleId :
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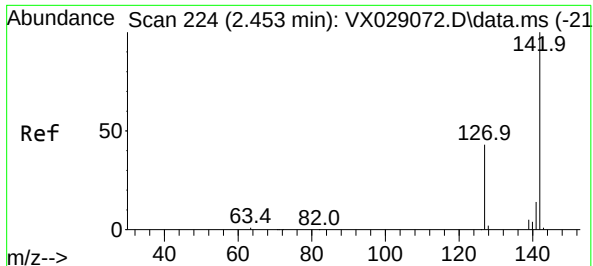
Tgt Ion: 94 Resp: 583
Ion Ratio Lower Upper
94 100
96 92.3 75.3 112.9



#6
Chloroethane
Concen: 1.705 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 64 Resp: 823
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

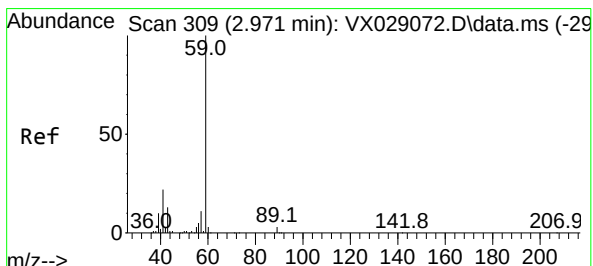
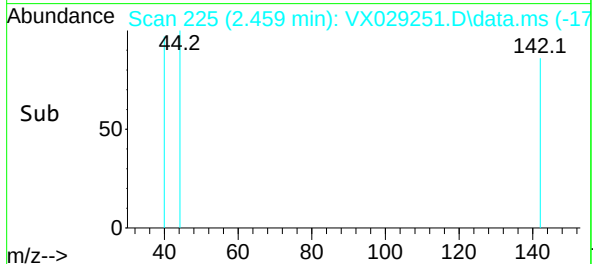
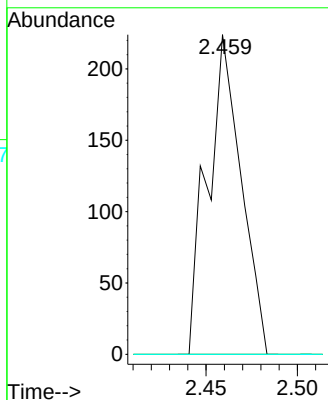
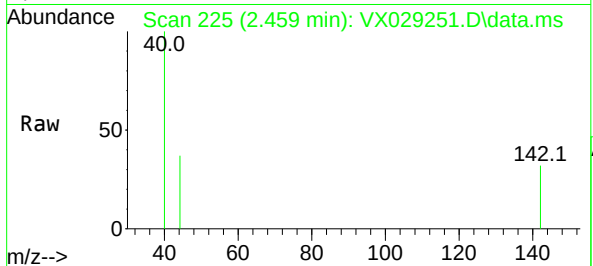




#10
Methyl Iodide
Concen: 4.304 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

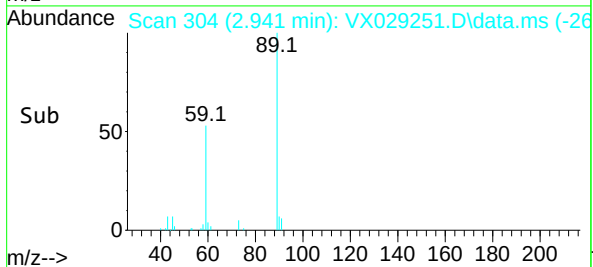
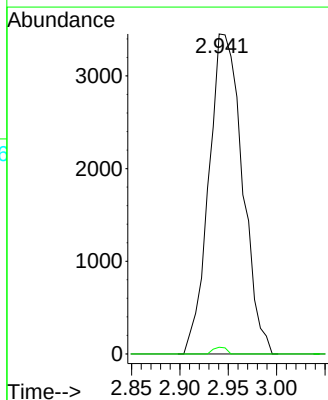
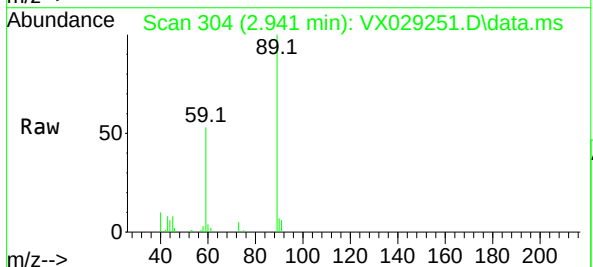
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

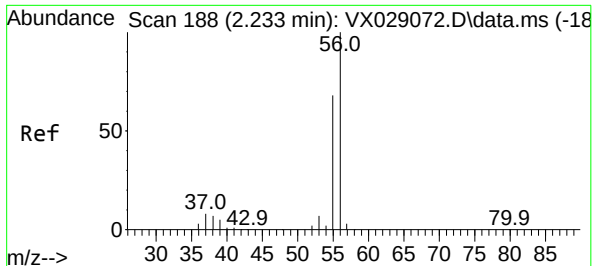
Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 10.535 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 59 Resp: 8338
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

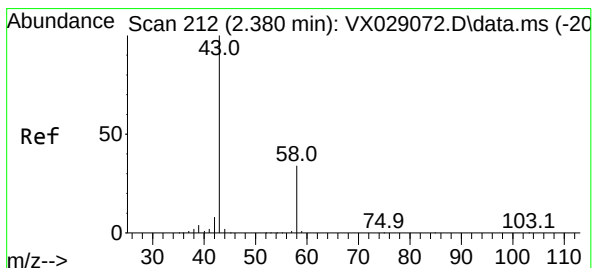
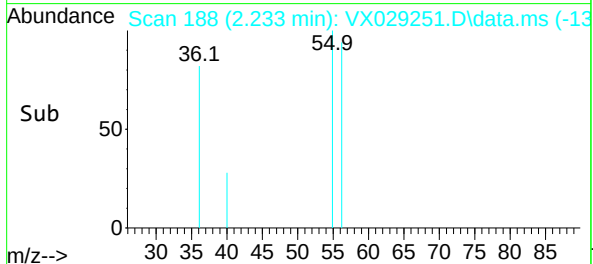
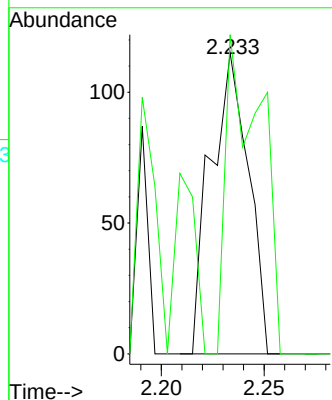
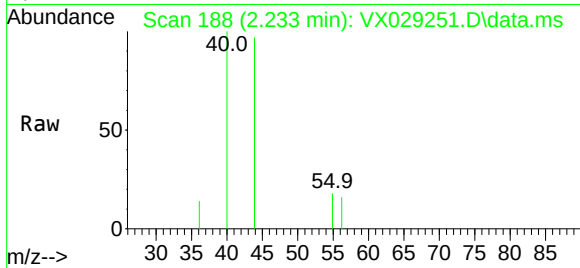




#13
Acrolein
Concen: 0.410 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

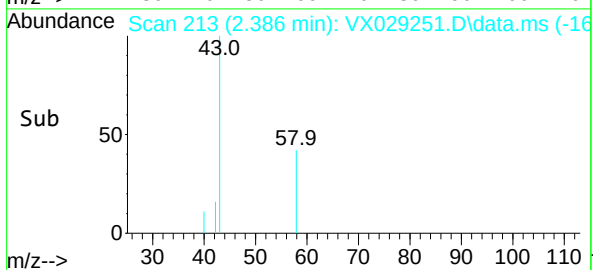
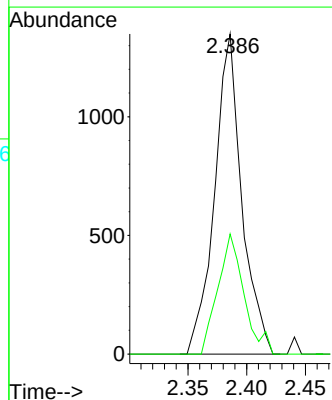
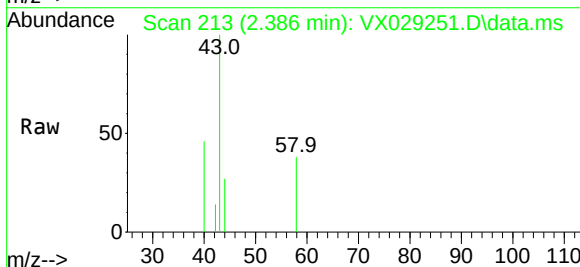
Instrument :
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ClientSampleId :
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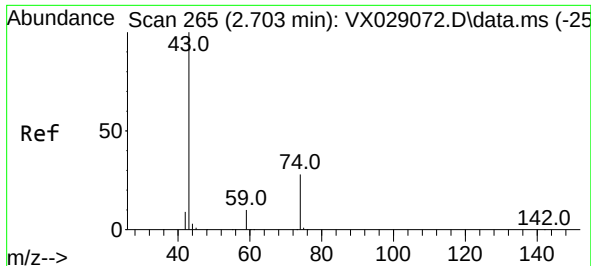
Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 98.0 55.0 82.6#



#16
Acetone
Concen: 1.616 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 37.5 28.8 43.2

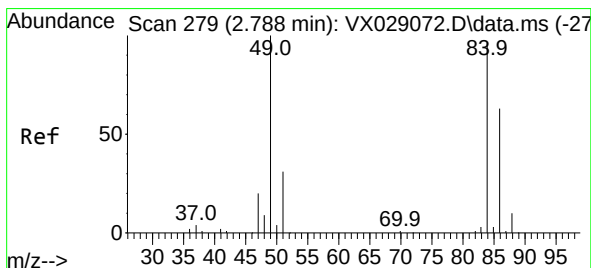
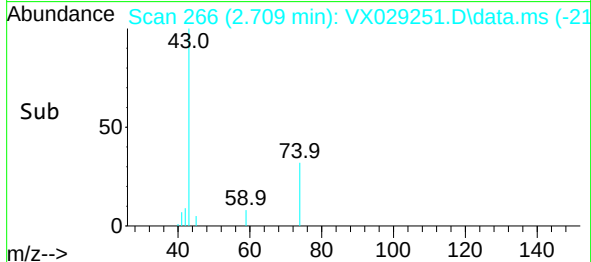
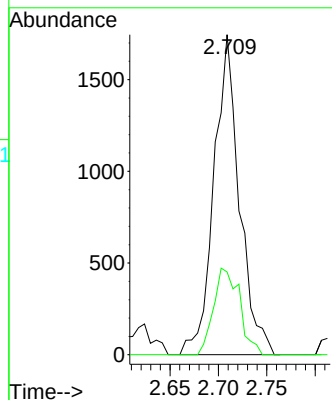
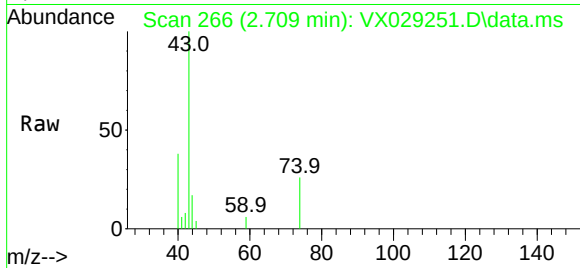




#18
Methyl Acetate
Concen: 0.921 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

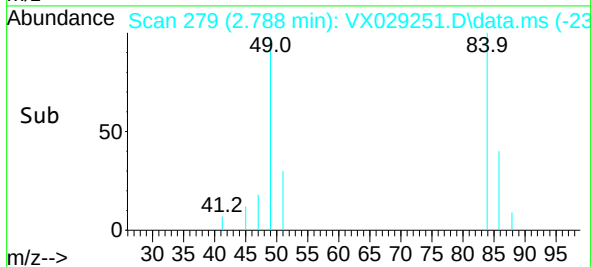
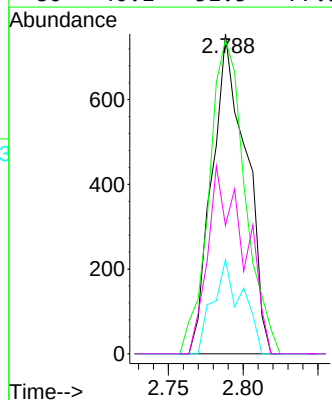
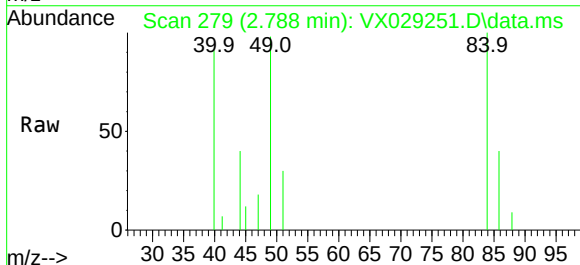
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ClientSampleId :
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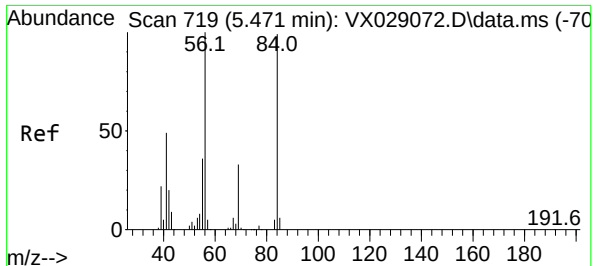
Tgt Ion: 43 Resp: 3203
Ion Ratio Lower Upper
43 100
74 27.6 22.8 34.2



#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 84 Resp: 1194
Ion Ratio Lower Upper
84 100
49 98.1 85.5 128.3
51 29.5 26.6 39.8
86 40.1 51.5 77.3#

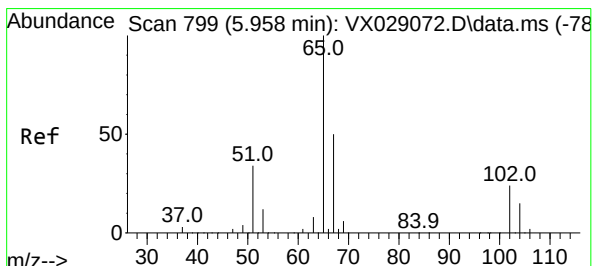
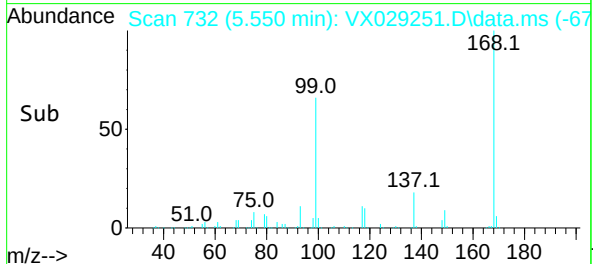
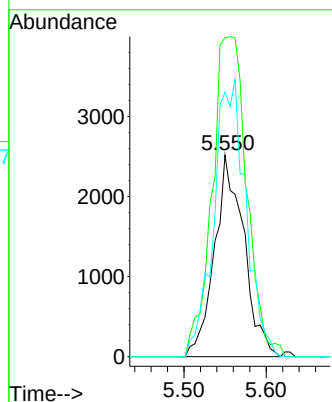
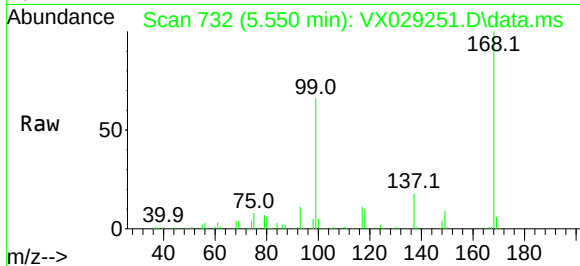




#31
Cyclohexane
Concen: 1.404 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

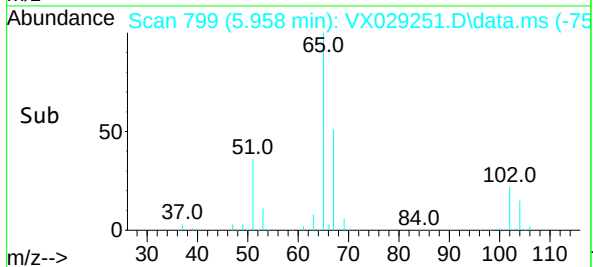
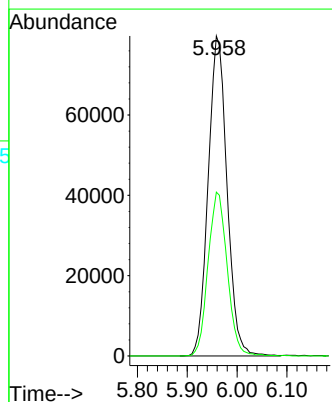
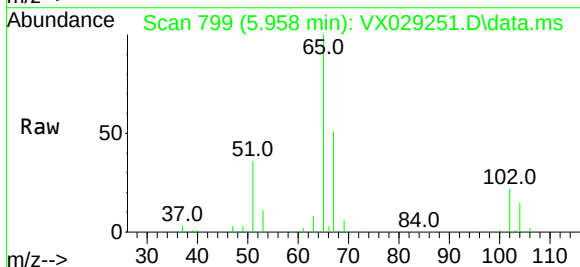
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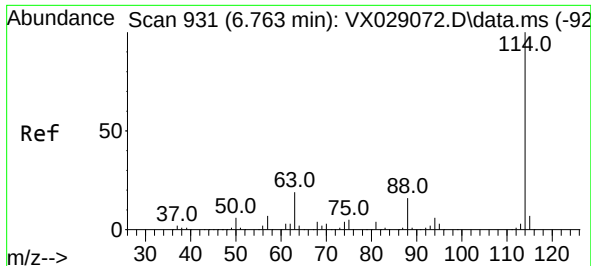
Tgt Ion: 56 Resp: 6238
Ion Ratio Lower Upper
56 100
69 158.4 26.7 40.1#
84 131.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 61.243 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 65 Resp: 209238
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

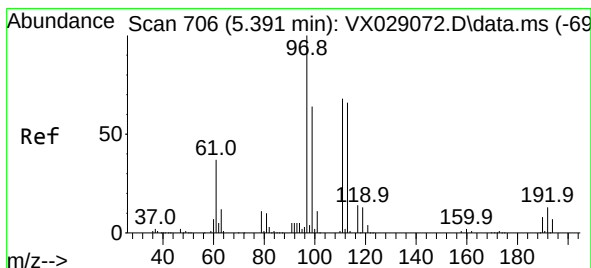
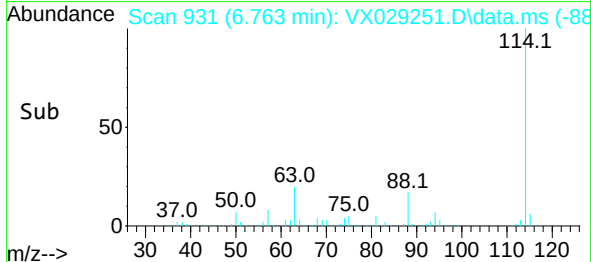
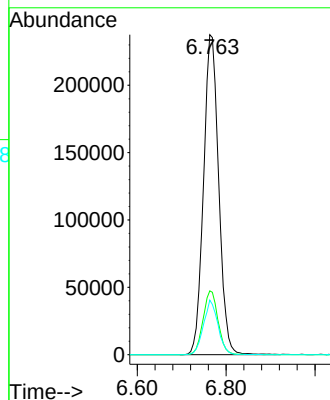
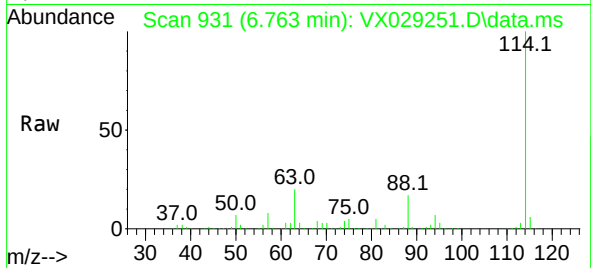




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

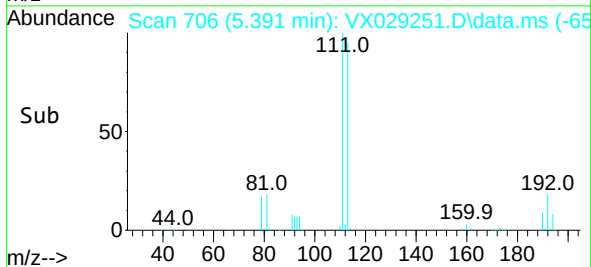
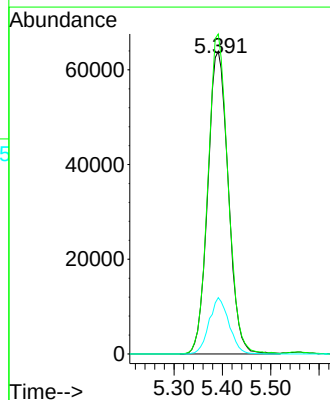
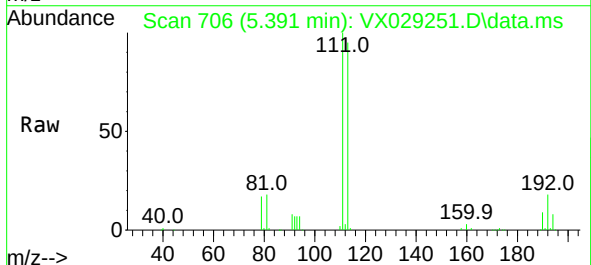
Instrument :
MSVOA_X
ClientSampleId :
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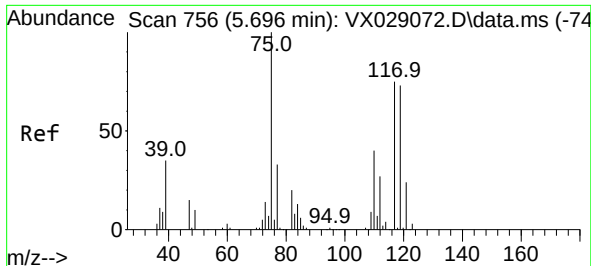
Tgt Ion:114 Resp: 565267
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 17.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.310 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion:113 Resp: 188896
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.0 16.9 25.3

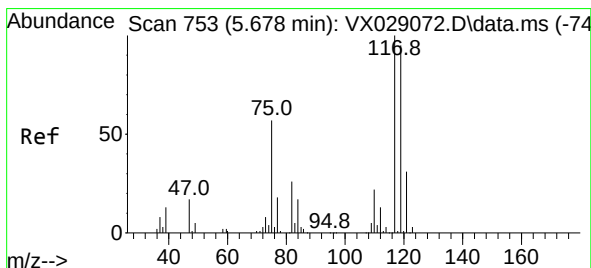
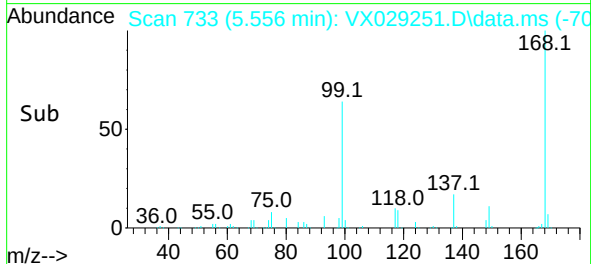
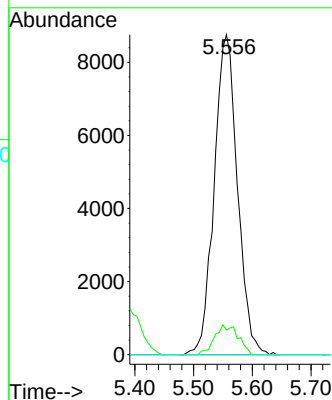
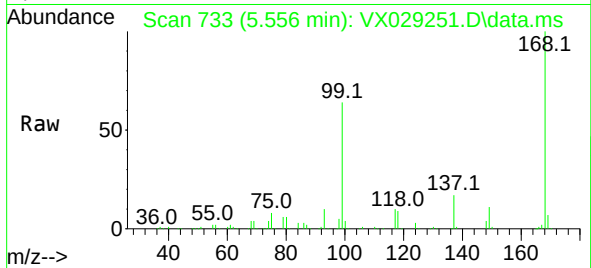




#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

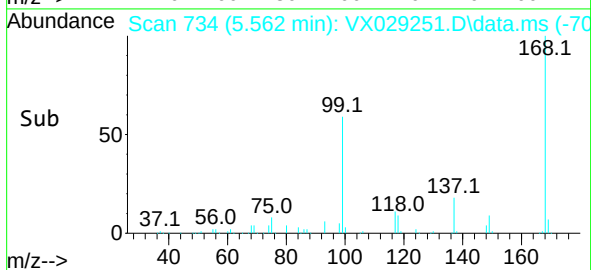
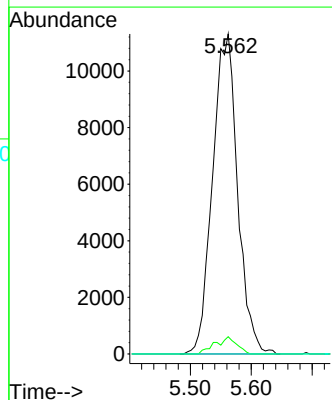
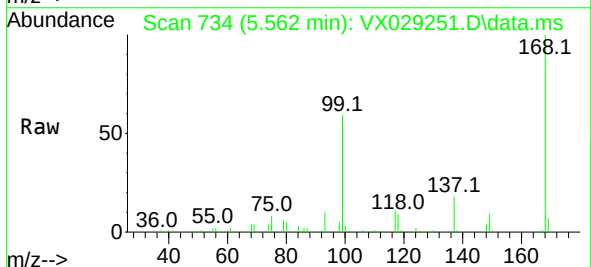
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

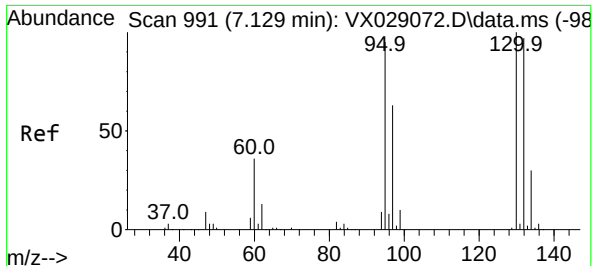
Tgt Ion: 75 Resp: 24056
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 117 Resp: 32276
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

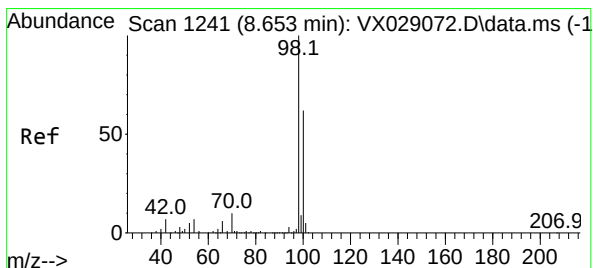
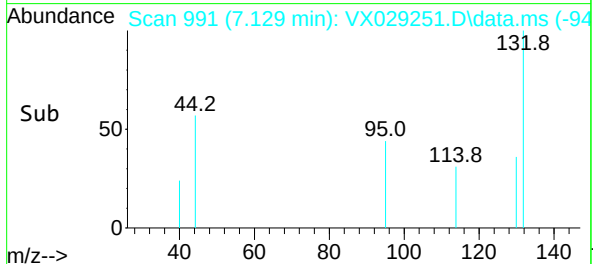
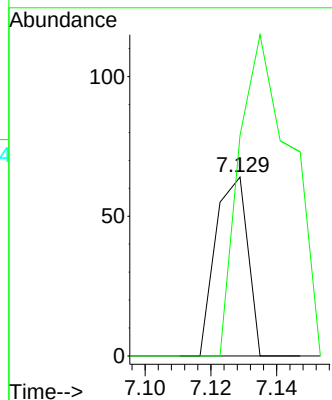
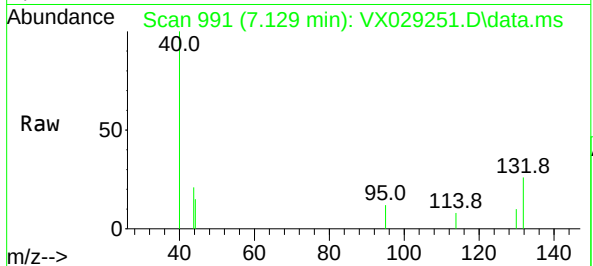




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

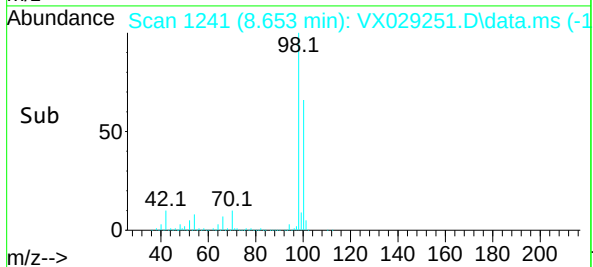
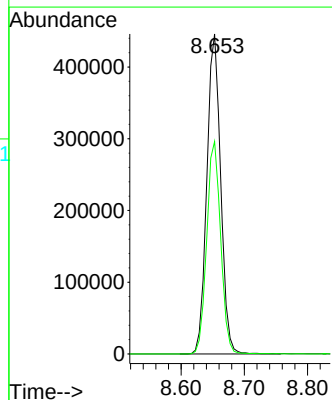
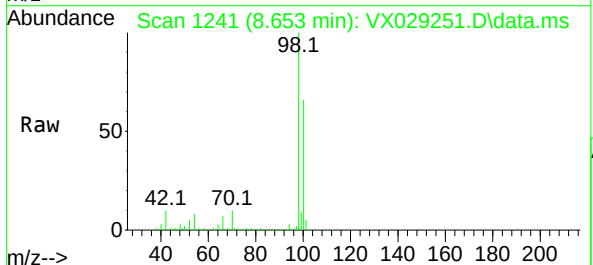
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

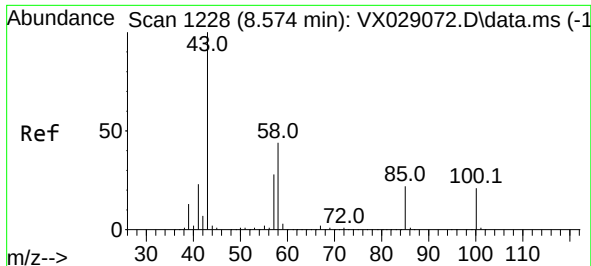
Tgt Ion:130 Resp: 44
Ion Ratio Lower Upper
130 100
95 123.4 0.0 188.8



#50
Toluene-d8
Concen: 49.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 98 Resp: 680054
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

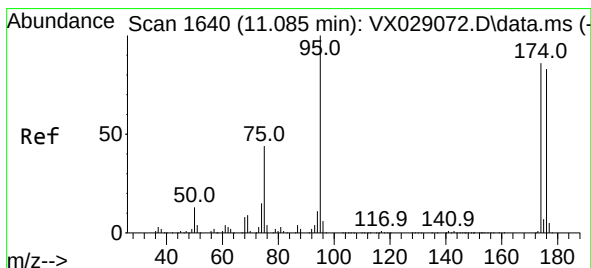
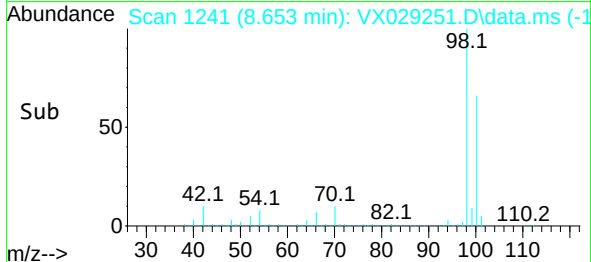
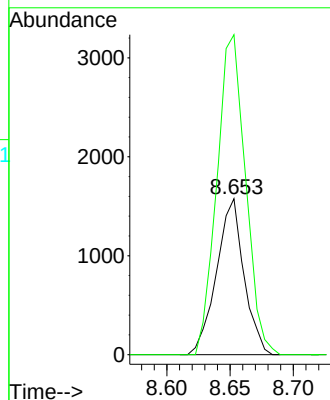
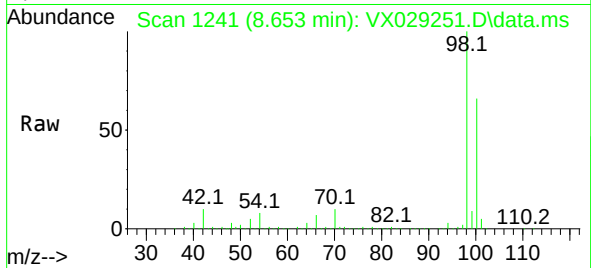




#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

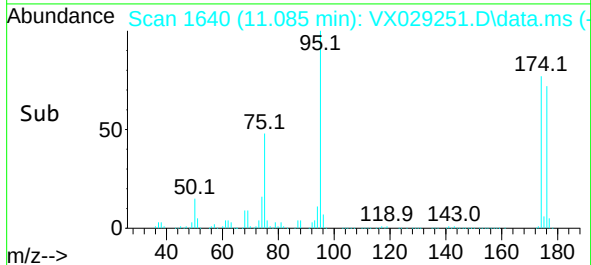
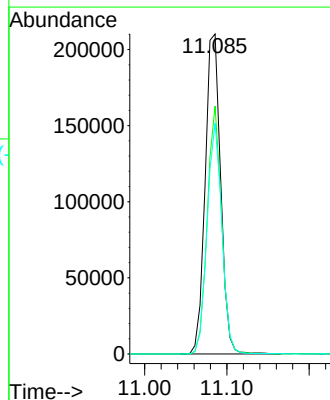
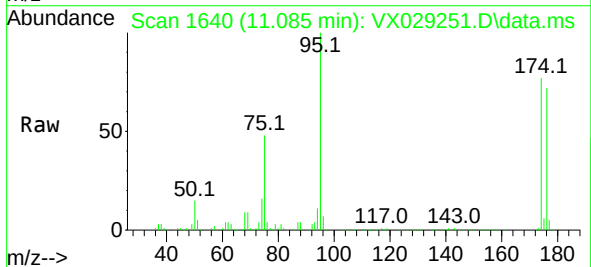
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

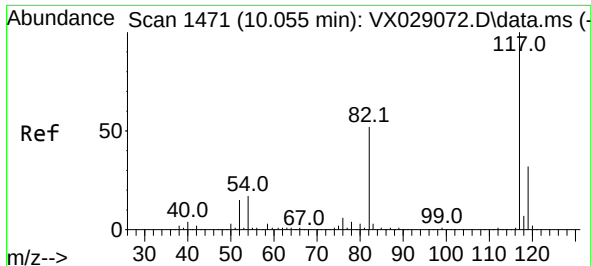
Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 214.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.856 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 95 Resp: 275266
Ion Ratio Lower Upper
95 100
174 71.7 0.0 163.0
176 69.0 0.0 155.0

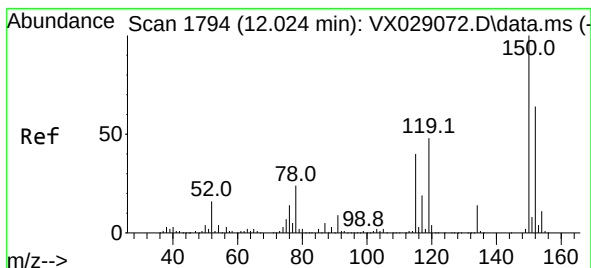
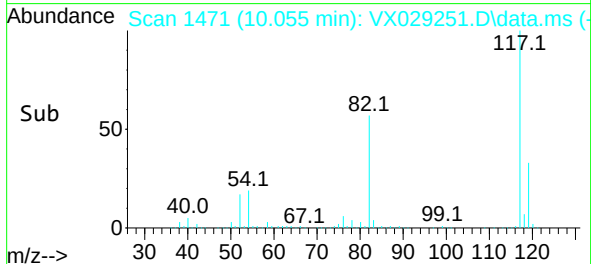
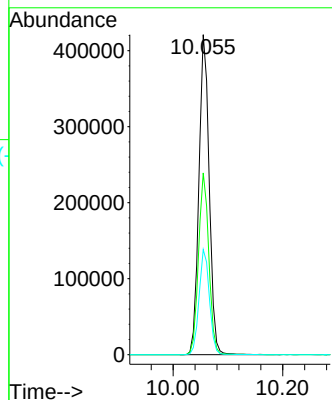
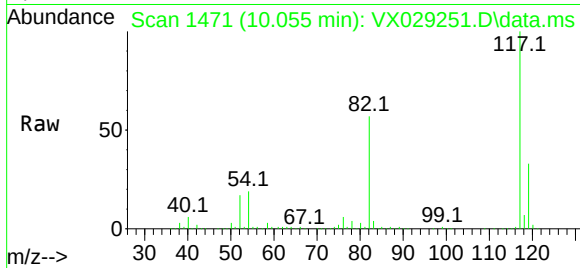




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

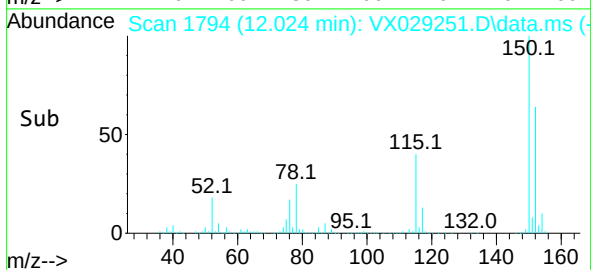
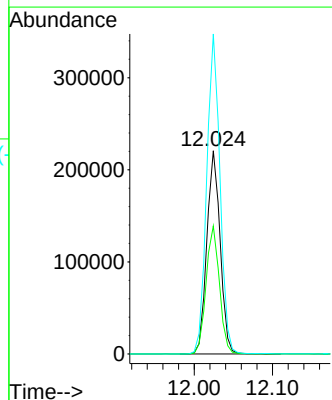
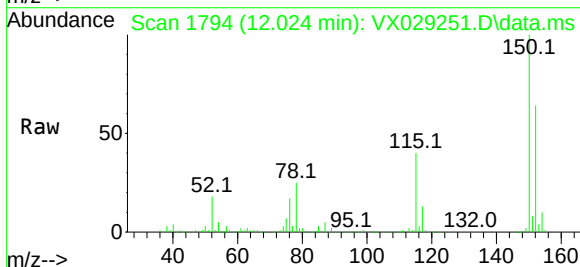
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

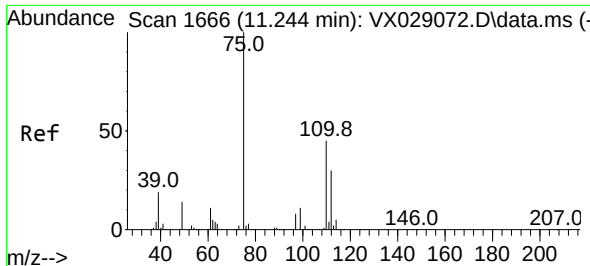
Tgt Ion:117 Resp: 551760
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion:152 Resp: 259985
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 156.4 0.0 338.2

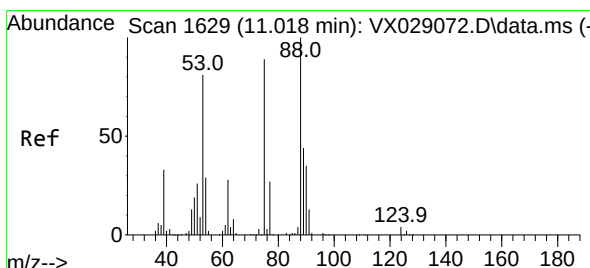
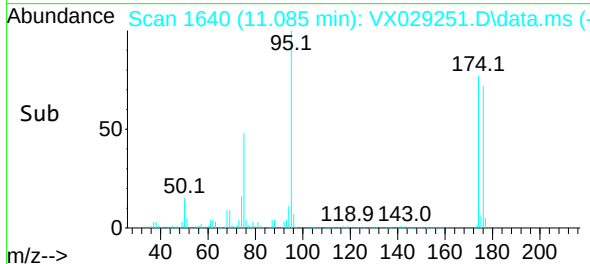
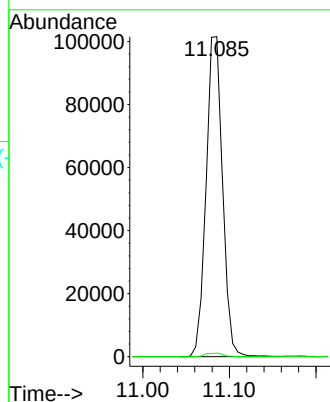
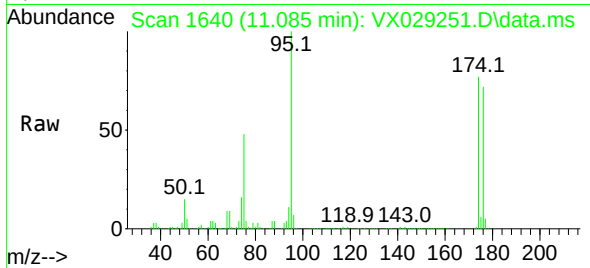




#76
1,2,3-Trichloropropane
Concen: 25.447 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

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

Tgt Ion: 75 Resp: 134115
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.657 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029251.D
Acq: 06 Jun 2022 20:14

Tgt Ion: 75 Resp: 134115
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

