

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029752.D
 Acq On : 23 Jun 2022 18:24
 Operator : JC/MD
 Sample : N3389-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 24 05:40:53 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)

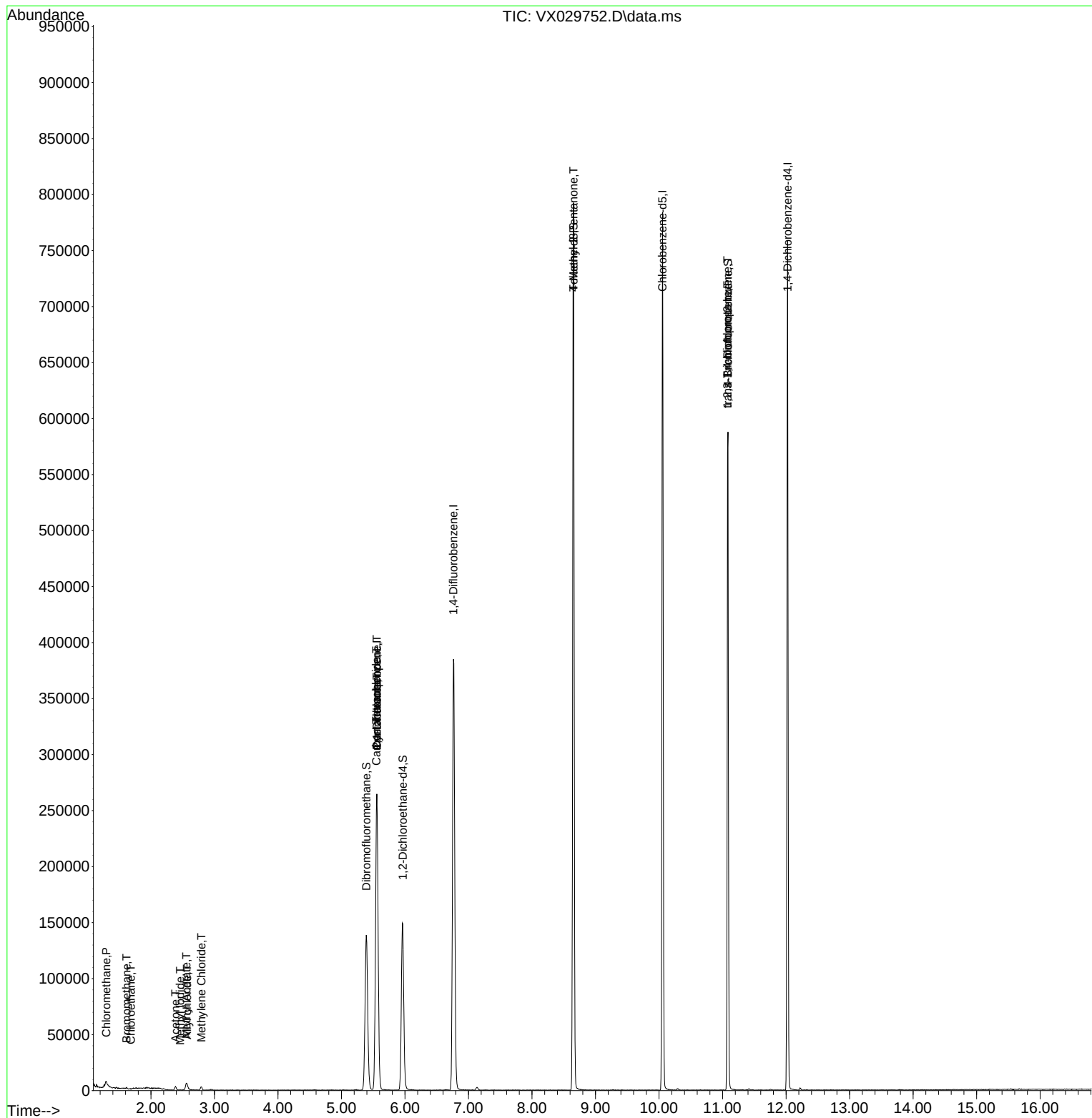
Internal Standards						
1) Pentafluorobenzene	5.556	168	248864	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	420536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145201	44.077	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.160%
35) Dibromofluoromethane	5.391	113	123580	45.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.180%
50) Toluene-d8	8.653	98	488335	48.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.085	95	171584	45.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	856	0.264	ug/l	92
5) Bromomethane	1.617	94	366	0.240	ug/l	# 69
6) Chloroethane	1.684	64	406	1.461	ug/l	# 43
10) Methyl Iodide	2.459	142	154	3.066	ug/l	# 41
11) Tert butyl alcohol	2.959	59	371	Below Cal	#	72
14) Allyl chloride	2.568	41	922	0.226	ug/l	# 72
16) Acetone	2.385	43	3143	2.394	ug/l	# 83
18) Methyl Acetate	2.556	43	2622	0.755	ug/l	# 46
20) Methylene Chloride	2.794	84	1496	0.512	ug/l	# 93
31) Cyclohexane	5.556	56	4663	1.054	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	18769	5.060	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	26786	7.343	ug/l	# 15
44) Trichloroethene	7.129	130	1078	Below Cal		83
51) 4-Methyl-2-Pentanone	8.653	43	1588	0.417	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	80564	23.256	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	80564	77.367	ug/l	# 15

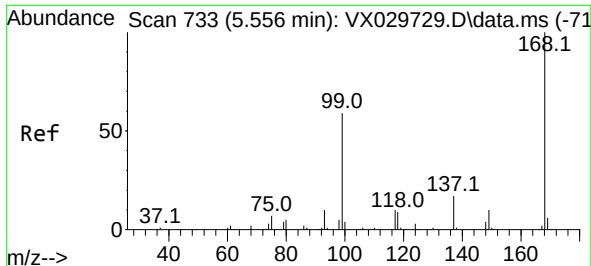
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 24 05:40:53 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

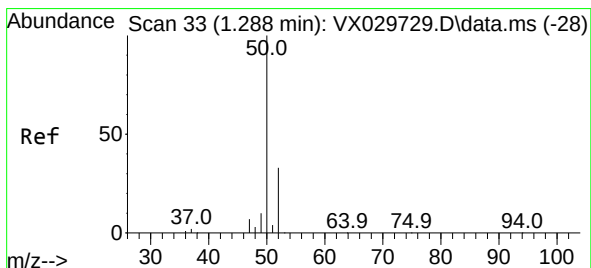
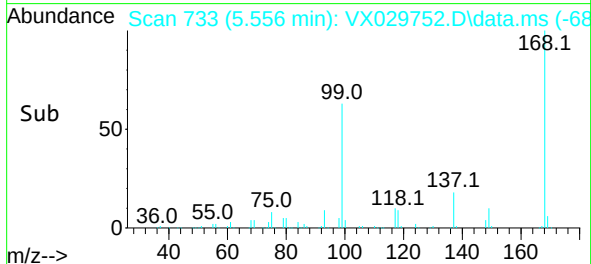
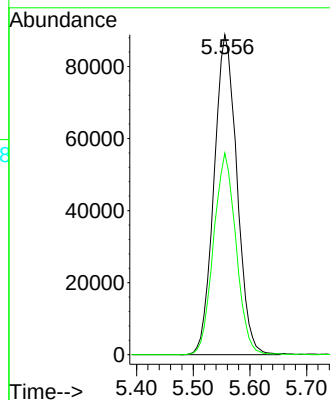
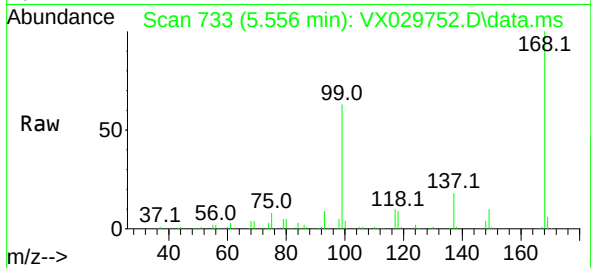




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

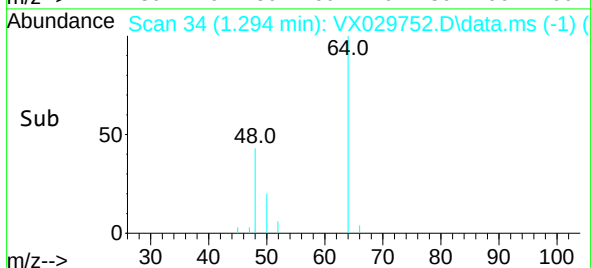
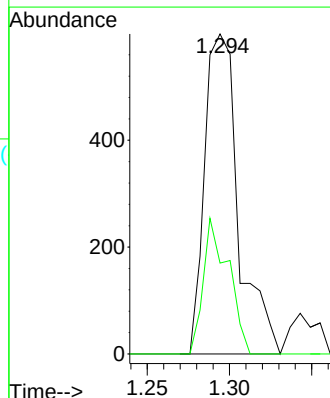
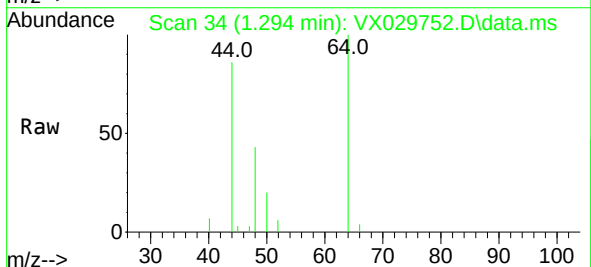
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

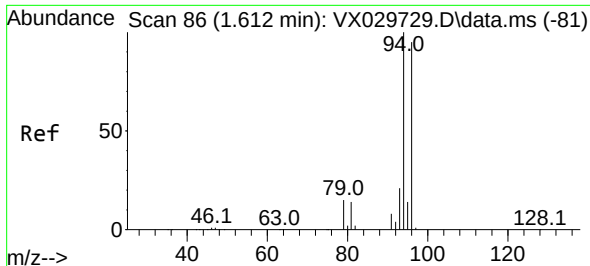
Tgt Ion:168 Resp: 248864
Ion Ratio Lower Upper
168 100
99 63.0 41.7 62.5#



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 50 Resp: 856
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

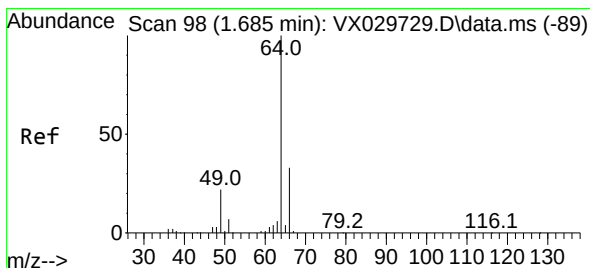
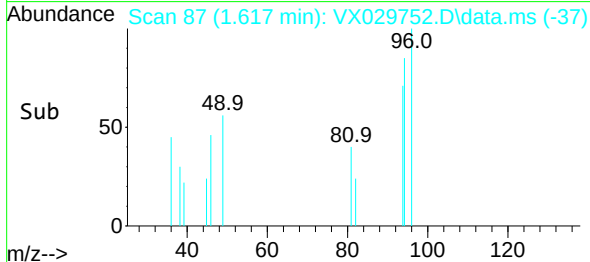
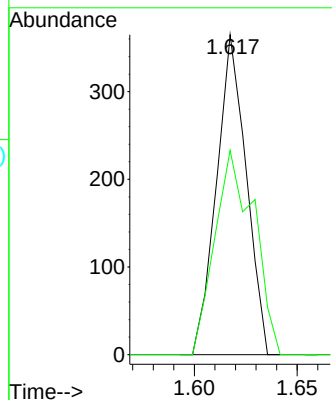
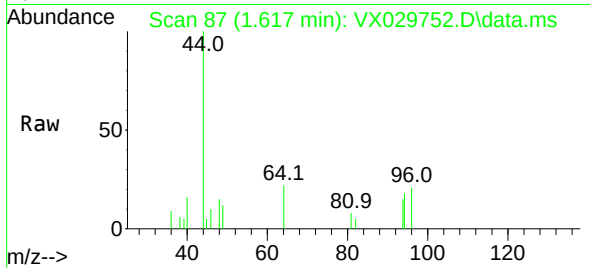




#5
Bromomethane
Concen: 0.240 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

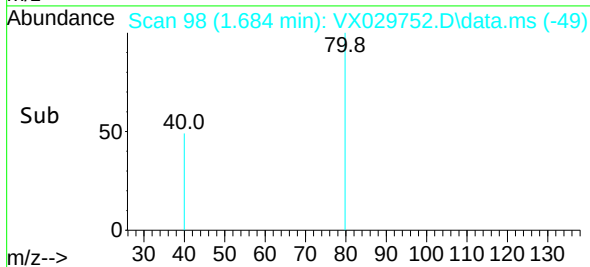
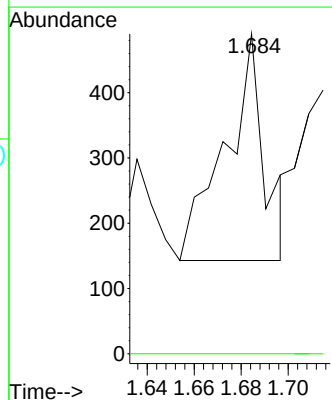
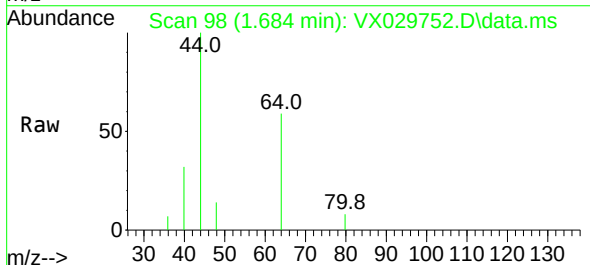
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

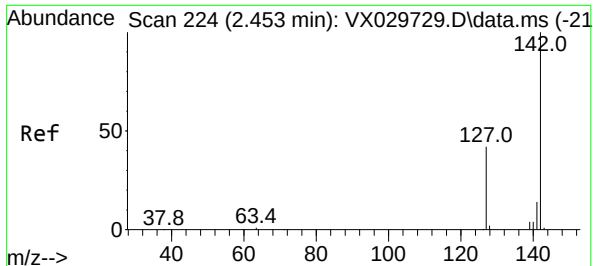
Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 63.8 75.3 112.9#



#6
Chloroethane
Concen: 1.461 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 64 Resp: 406
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

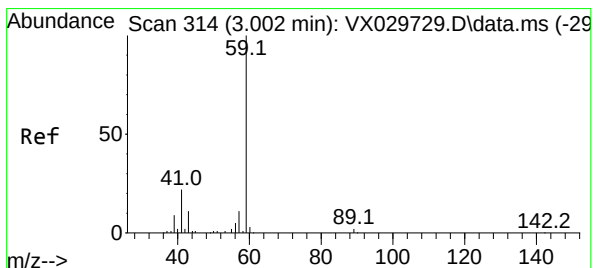
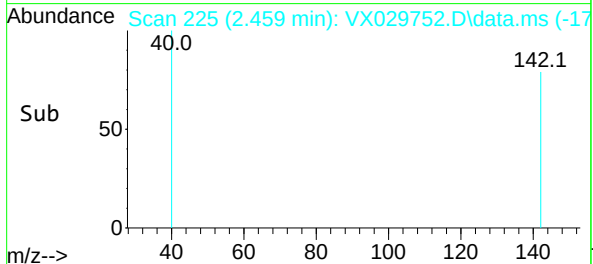
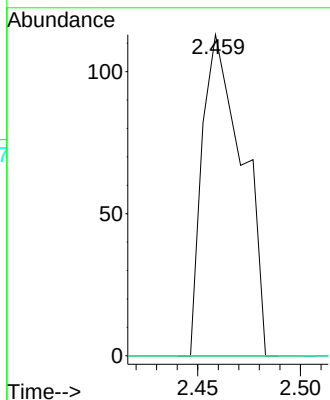
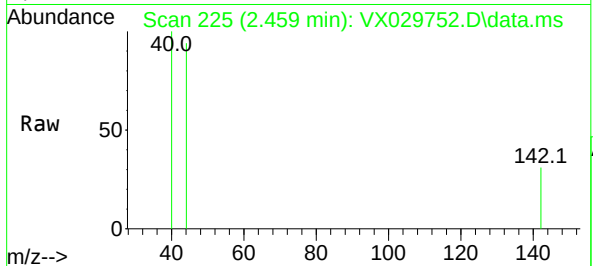




#10
Methyl Iodide
Concen: 3.066 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

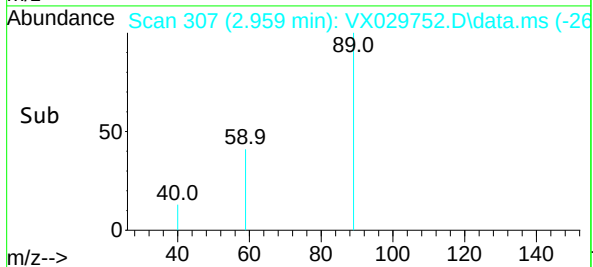
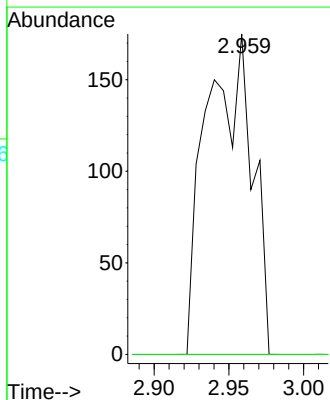
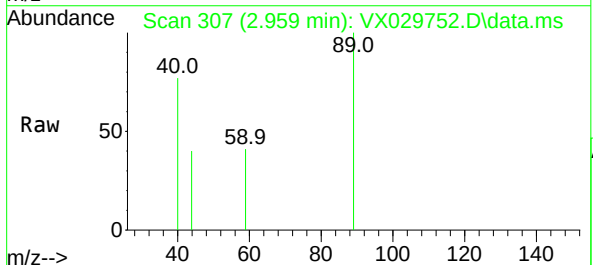
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

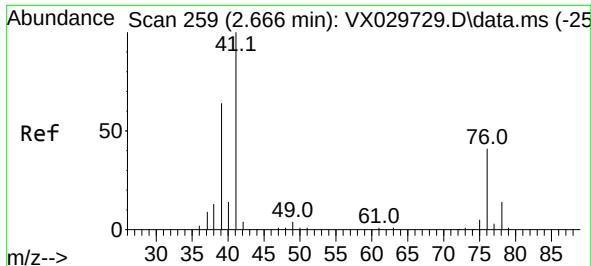
Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

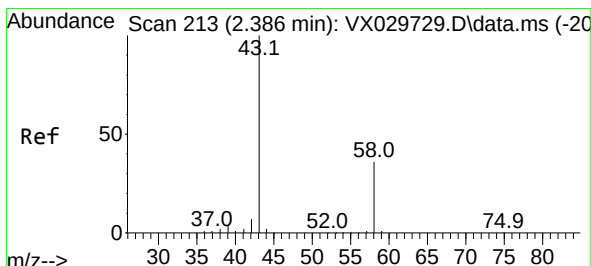
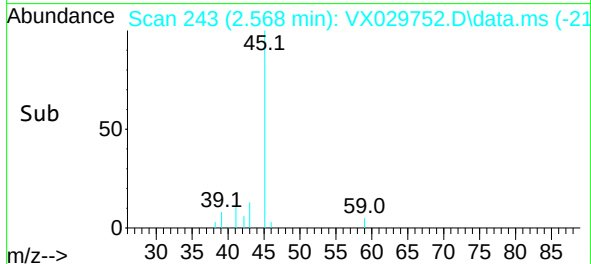
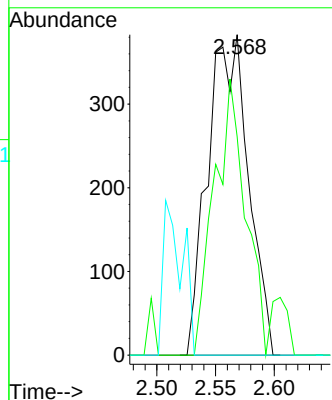
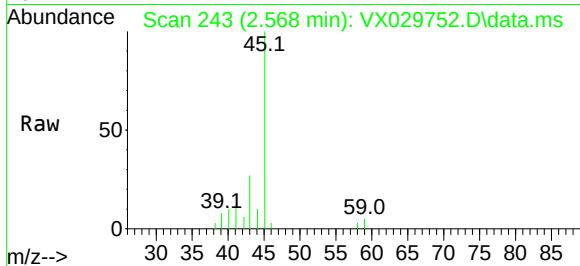




#14
 Allyl chloride
 Concen: 0.226 ug/l
 RT: 2.568 min Scan# 24
 Delta R.T. -0.098 min
 Lab File: VX029752.D
 Acq: 23 Jun 2022 18:24

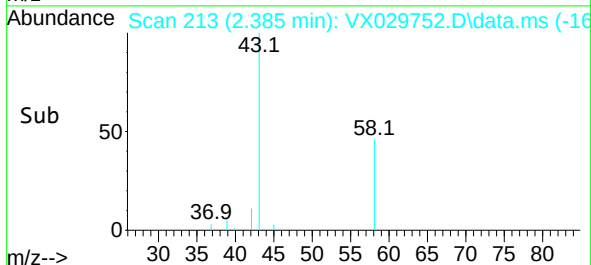
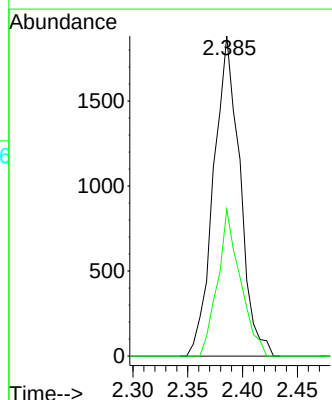
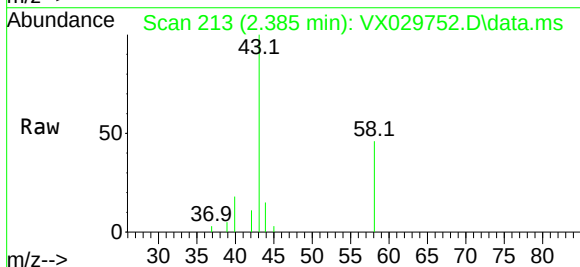
Instrument :
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 ClientSampleId :
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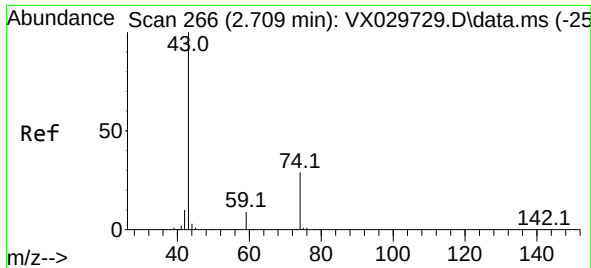
Tgt Ion: 41 Resp: 922
 Ion Ratio Lower Upper
 41 100
 39 66.4 50.4 75.6
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 2.394 ug/l
 RT: 2.385 min Scan# 213
 Delta R.T. -0.001 min
 Lab File: VX029752.D
 Acq: 23 Jun 2022 18:24

Tgt Ion: 43 Resp: 3143
 Ion Ratio Lower Upper
 43 100
 58 45.9 28.8 43.2#

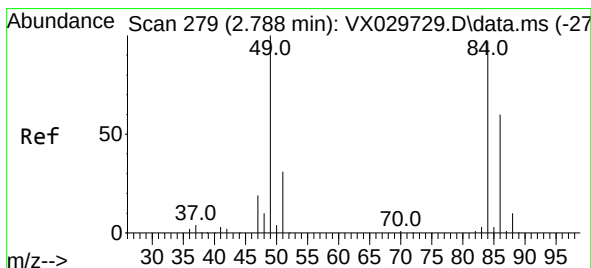
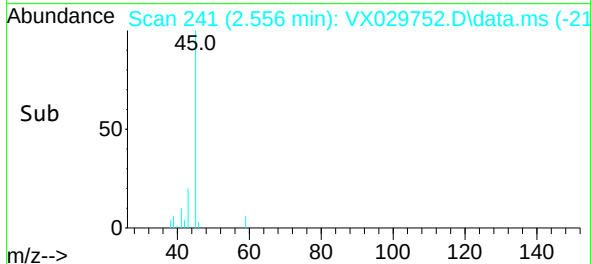
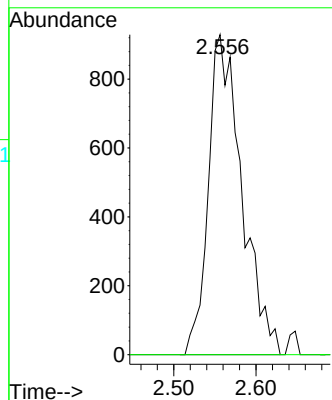
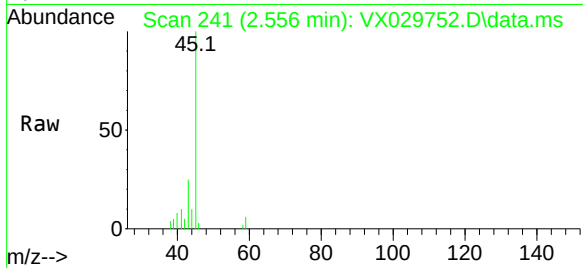




#18
Methyl Acetate
Concen: 0.755 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.153 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

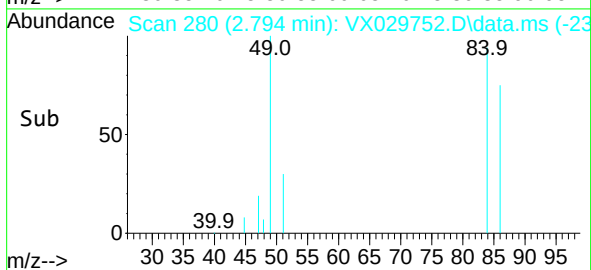
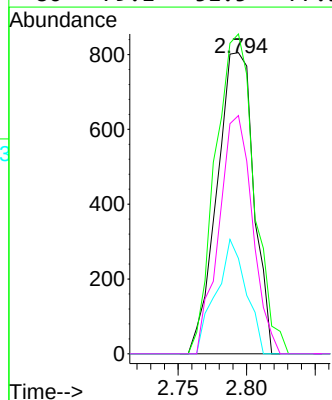
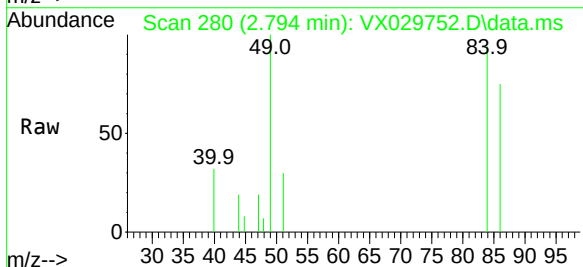
Instrument :
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ClientSampleId :
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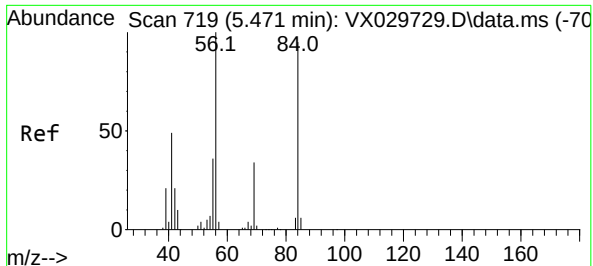
Tgt Ion: 43 Resp: 2622
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

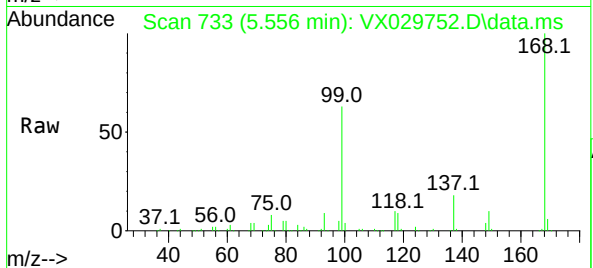
Tgt Ion: 84 Resp: 1496
Ion Ratio Lower Upper
84 100
49 106.2 85.5 128.3
51 31.7 26.6 39.8
86 79.1 51.5 77.3#



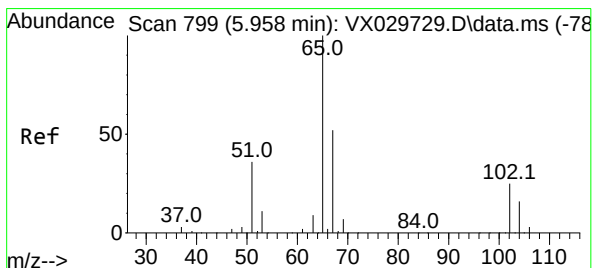
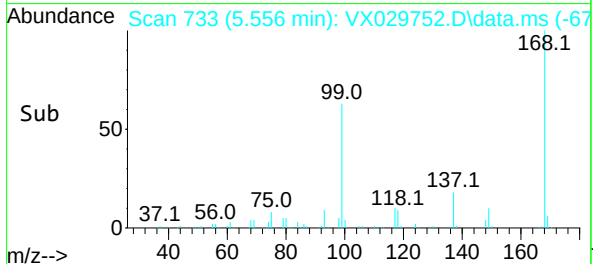
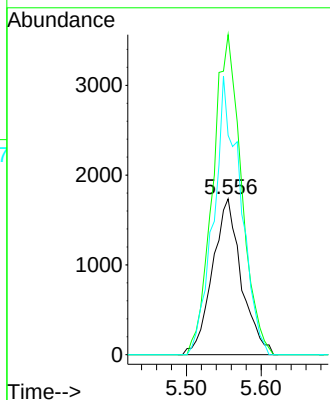


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Instrument :
MSVOA_X
ClientSampleId :
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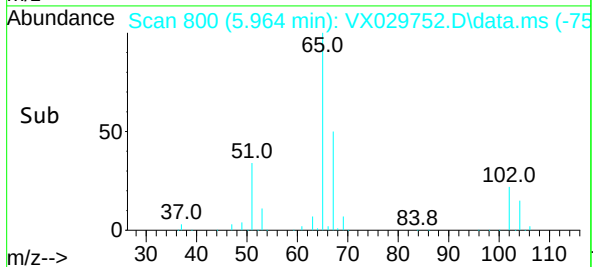
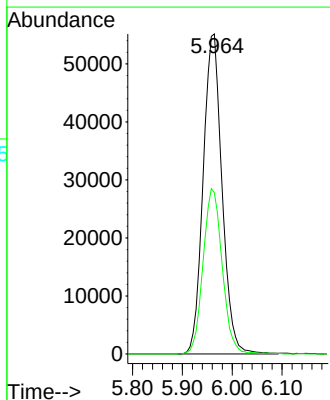
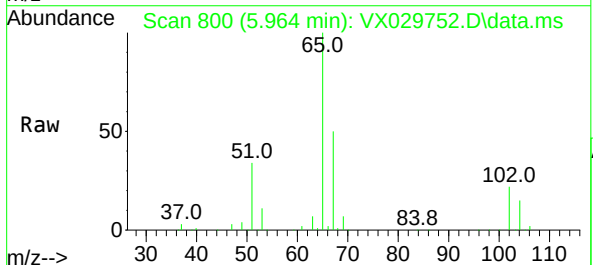


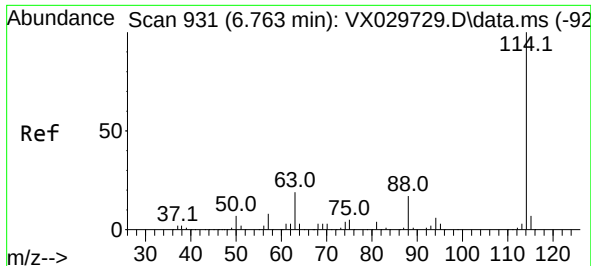
Tgt Ion: 56 Resp: 4663
Ion Ratio Lower Upper
56 100
69 205.4 26.7 40.1#
84 140.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.077 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 65 Resp: 145201
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

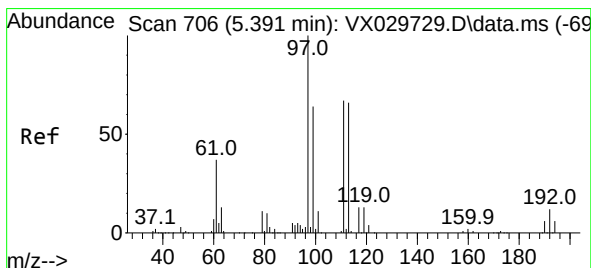
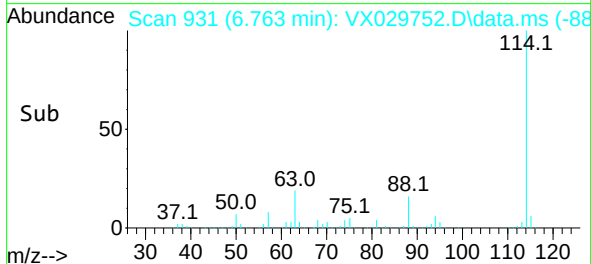
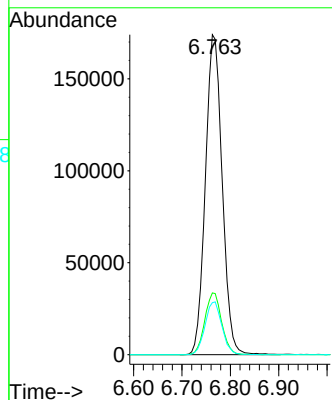
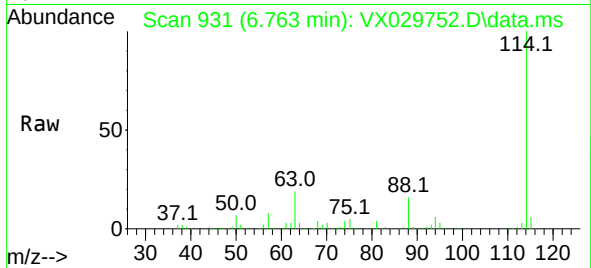




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

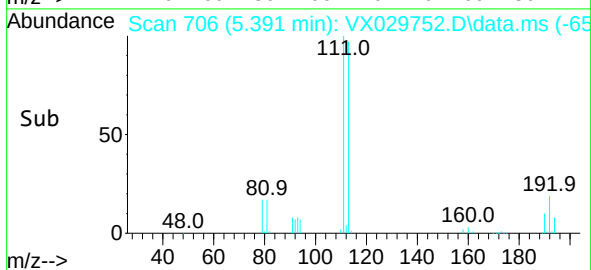
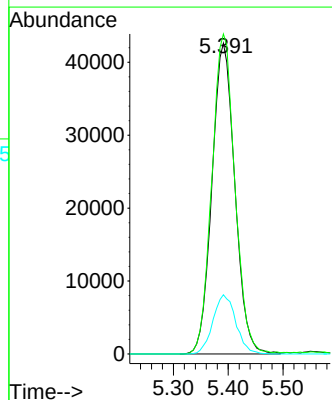
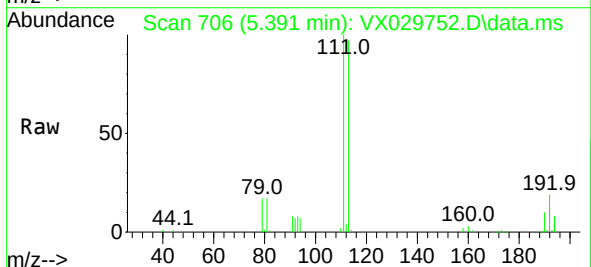
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

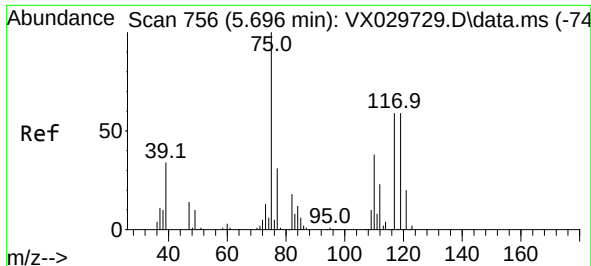
Tgt Ion:114 Resp: 420536
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.093 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion:113 Resp: 123580
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.1 16.9 25.3

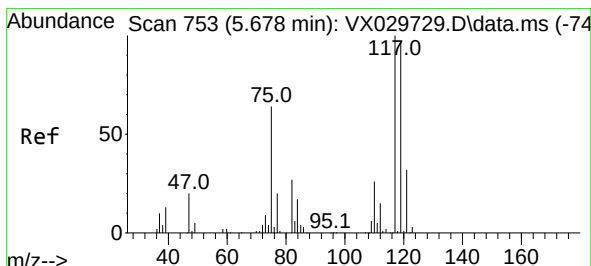
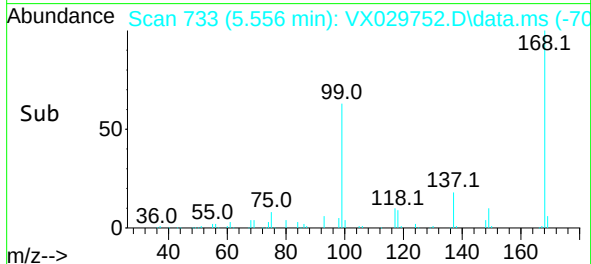
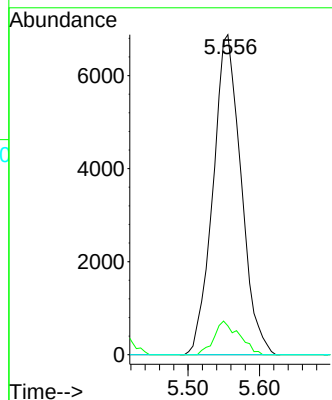
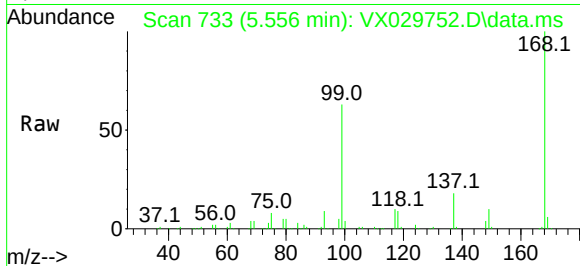




#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

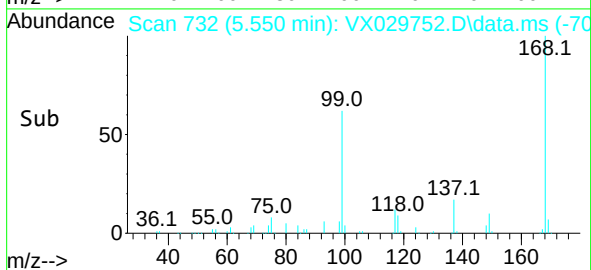
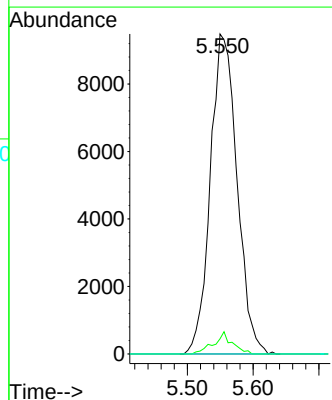
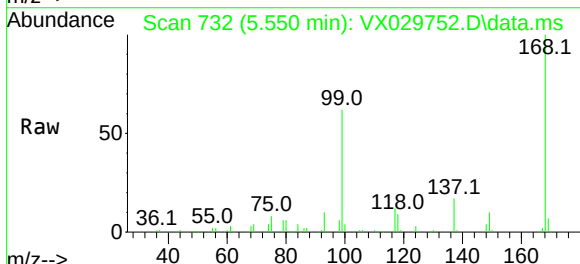
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

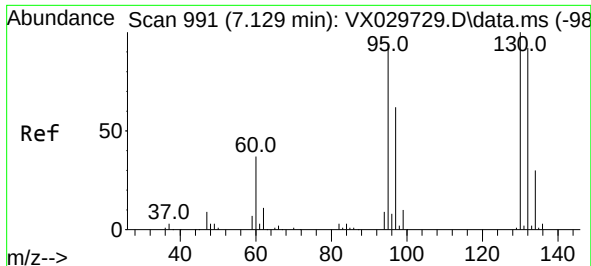
Tgt Ion: 75 Resp: 18769
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.343 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 117 Resp: 26786
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

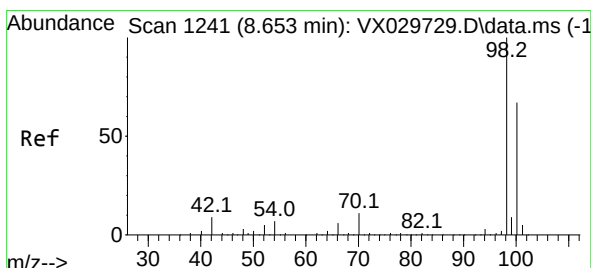
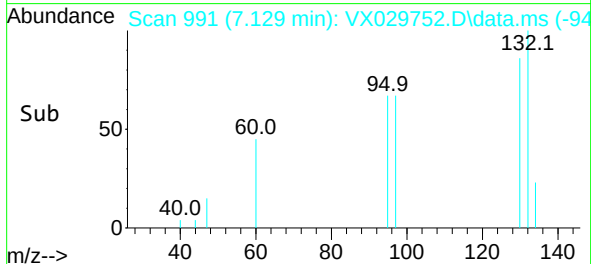
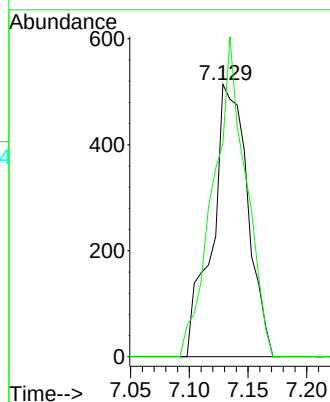
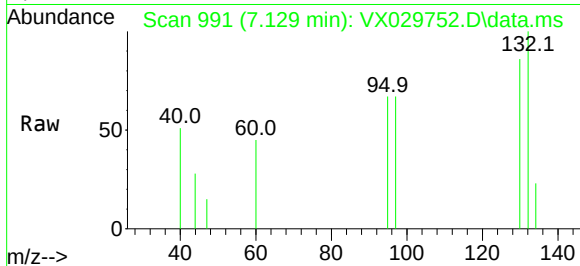




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

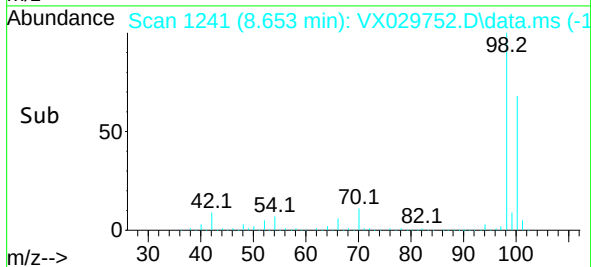
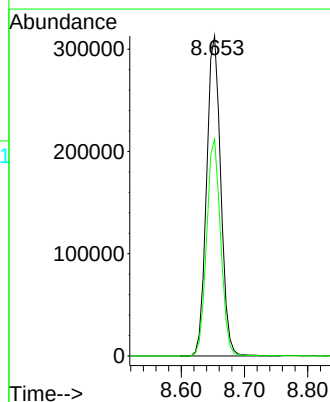
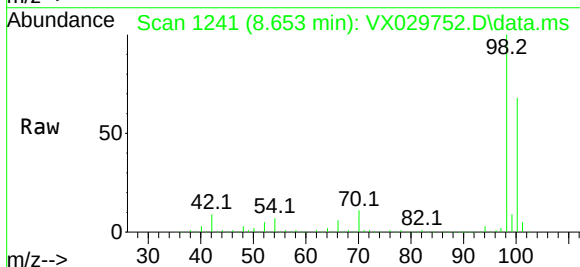
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

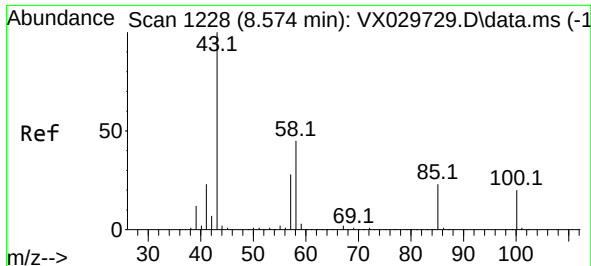
Tgt Ion:130 Resp: 1078
Ion Ratio Lower Upper
130 100
95 78.4 0.0 188.8



#50
Toluene-d8
Concen: 48.776 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 98 Resp: 488335
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

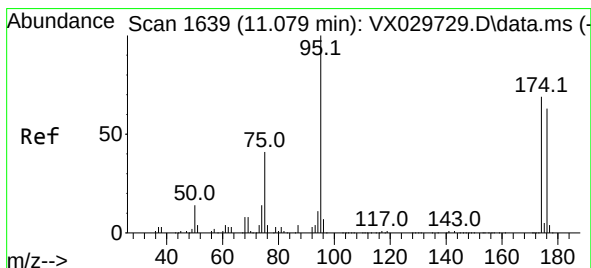
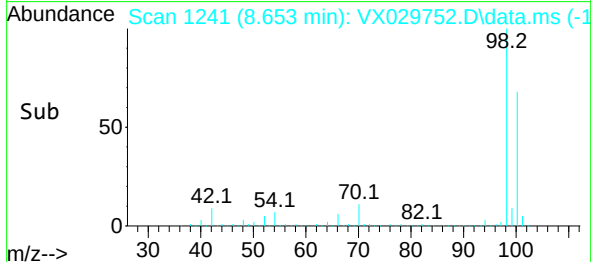
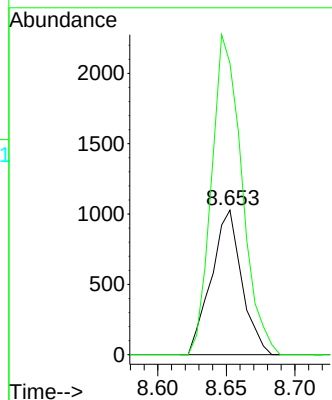
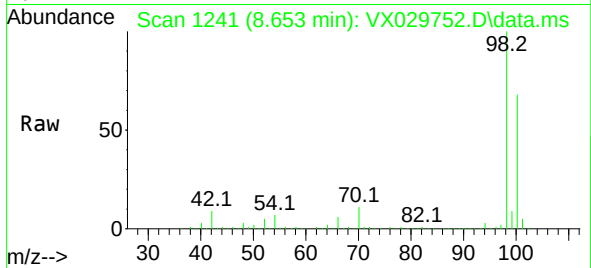




#51
4-Methyl-2-Pentanone
Concen: 0.417 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

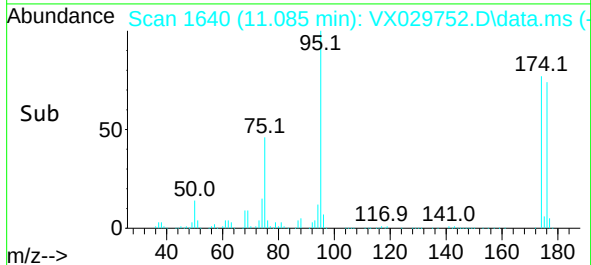
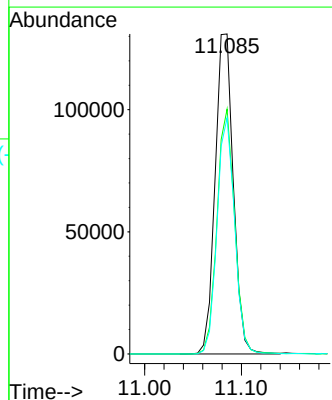
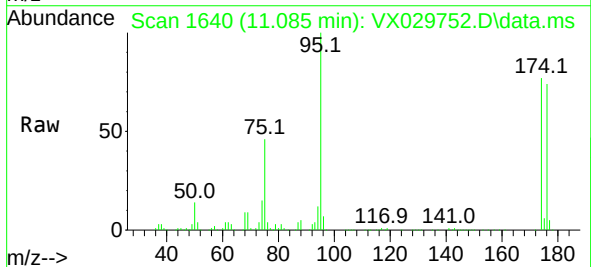
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

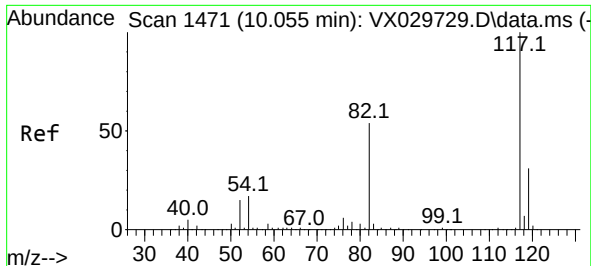
Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
58 220.2 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 45.446 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 95 Resp: 171584
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 70.9 0.0 155.0

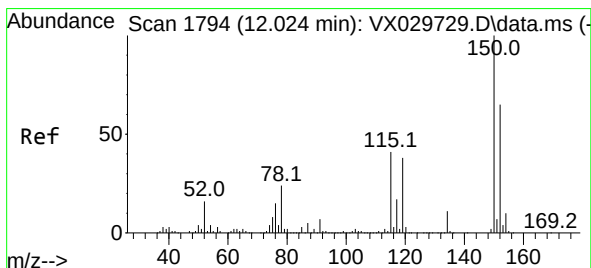
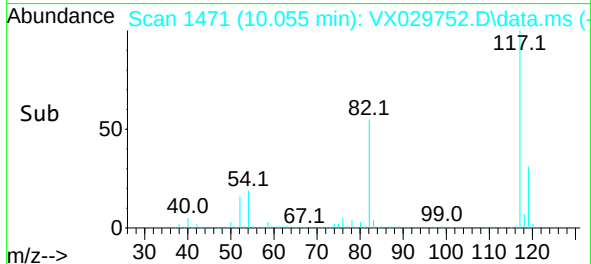
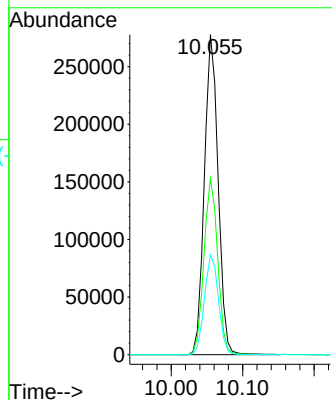
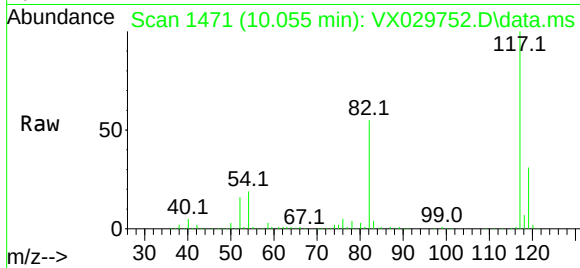




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

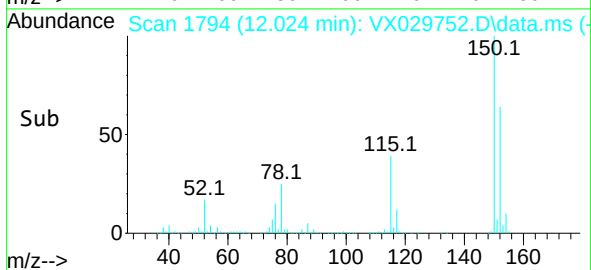
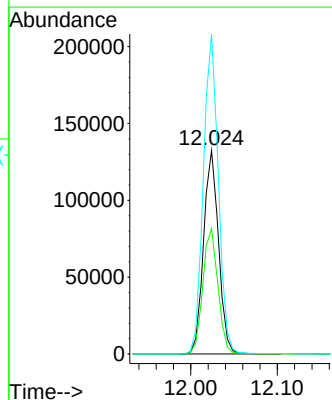
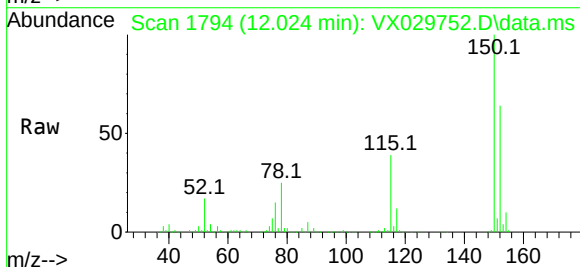
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

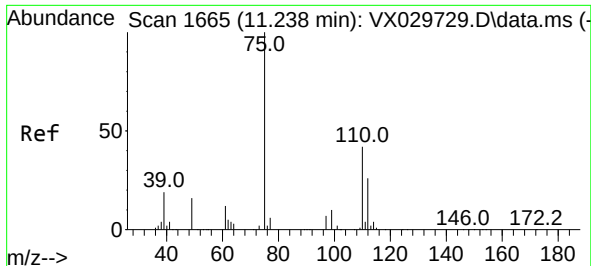
Tgt Ion:117 Resp: 371765
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 31.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion:152 Resp: 159019
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 157.4 0.0 338.2

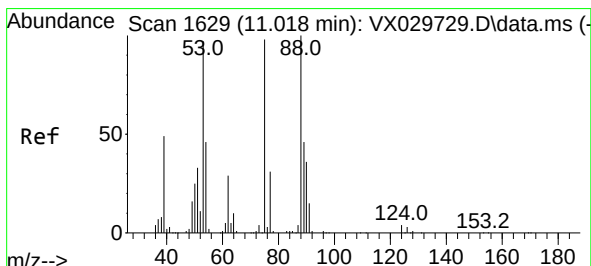
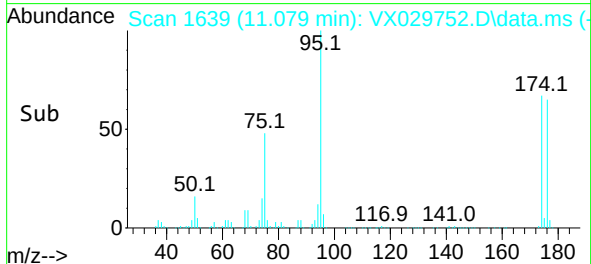
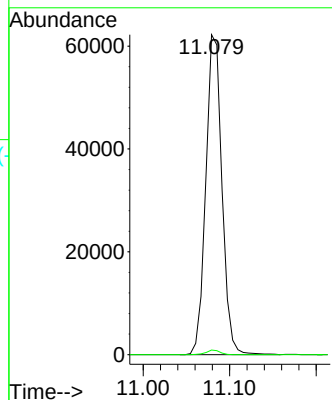
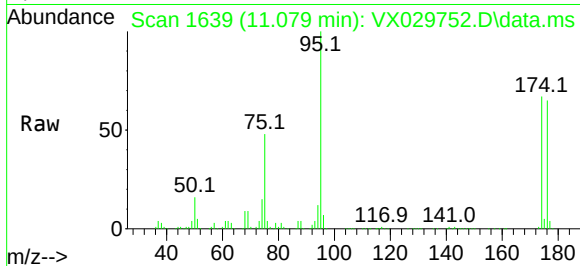




#76
1,2,3-Trichloropropane
Concen: 23.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

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

Tgt Ion: 75 Resp: 80564
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029752.D
Acq: 23 Jun 2022 18:24

Tgt Ion: 75 Resp: 80564
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

