

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029194.D
 Acq On : 03 Jun 2022 16:49
 Operator : JC/MD
 Sample : N3143-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20220408-FIELD-BLANK-1

Quant Time: Jun 06 02:35:55 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)

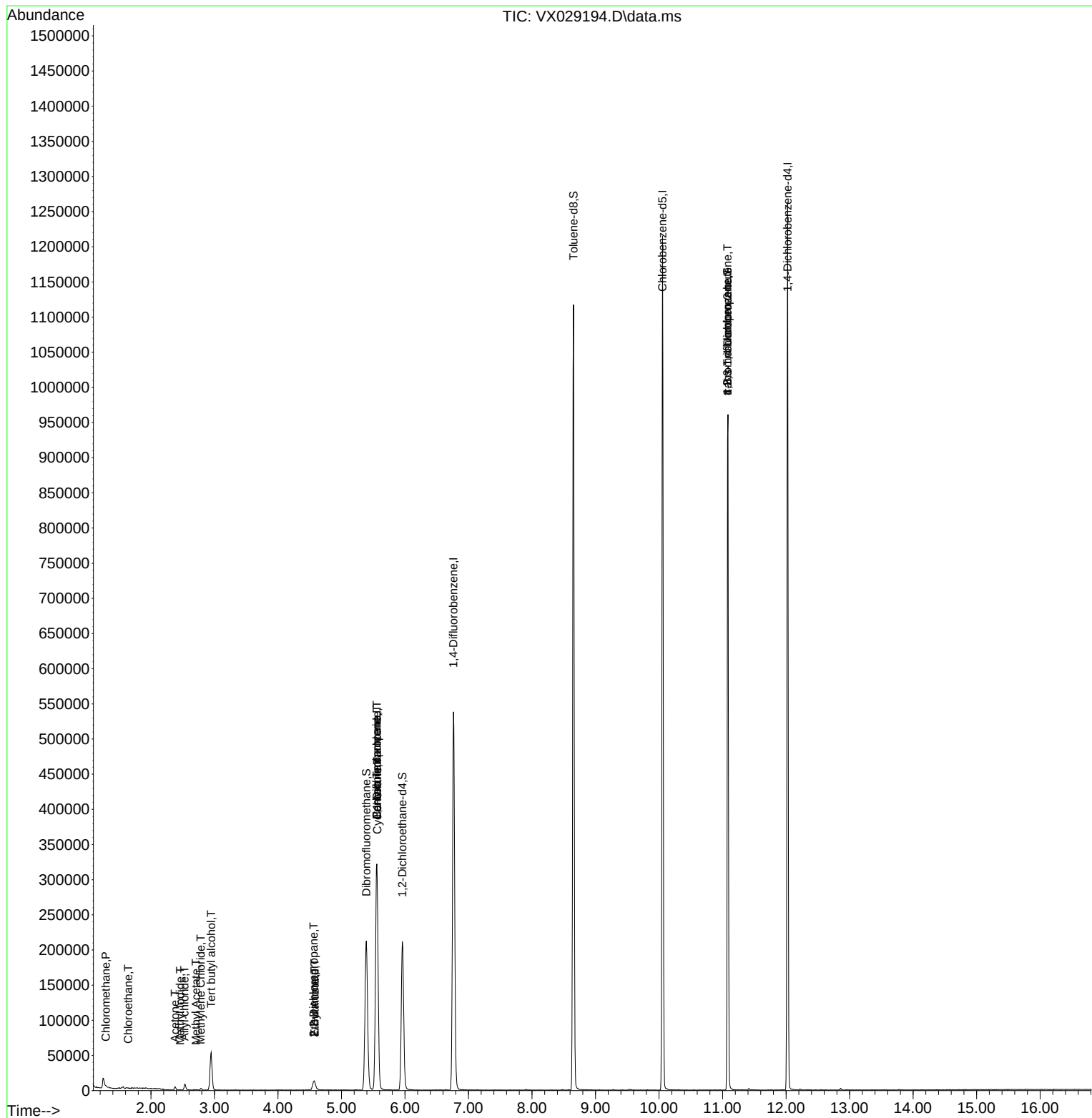
Internal Standards						
1) Pentafluorobenzene	5.556	168	305217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	574636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	565439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204082	59.296	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	118.600%
35) Dibromofluoromethane	5.391	113	190489	49.907	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.820%
50) Toluene-d8	8.653	98	685289	49.090	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	273557	50.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	619	0.223	ug/l #	60
5) Bromomethane	1.612	94	631	Below Cal		94
6) Chloroethane	1.642	64	1584	1.979	ug/l #	43
10) Methyl Iodide	2.459	142	499	4.360	ug/l #	87
11) Tert butyl alcohol	2.947	59	30376	38.099	ug/l #	76
14) Allyl chloride	2.526	41	999	0.242	ug/l #	51
16) Acetone	2.380	43	4690	3.461	ug/l	98
18) Methyl Acetate	2.709	43	777	0.222	ug/l #	74
20) Methylene Chloride	2.782	84	1237	0.391	ug/l #	81
25) 2-Butanone	4.574	43	1052	0.481	ug/l #	44
26) 2,2-Dichloropropane	4.562	77	1138	0.271	ug/l #	52
31) Cyclohexane	5.562	56	5488	1.227	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24248	4.937	ug/l #	49
37) Ethyl Acetate	4.574	43	1052	0.221	ug/l #	18
38) Carbon Tetrachloride	5.556	117	32315	5.758	ug/l #	16
44) Trichloroethene	7.141	130	319	Below Cal		53
76) 1,2,3-Trichloropropane	11.079	75	130628	24.856	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	130628	72.921	ug/l #	15

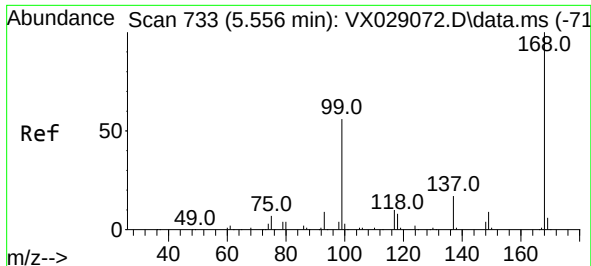
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
Data File : VX029194.D
Acq On : 03 Jun 2022 16:49
Operator : JC/MD
Sample : N3143-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

Quant Time: Jun 06 02:35:55 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

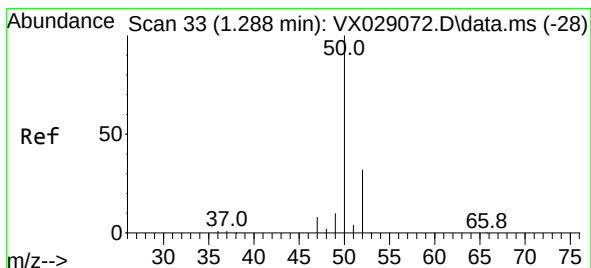
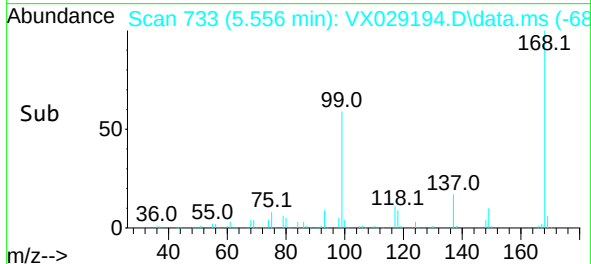
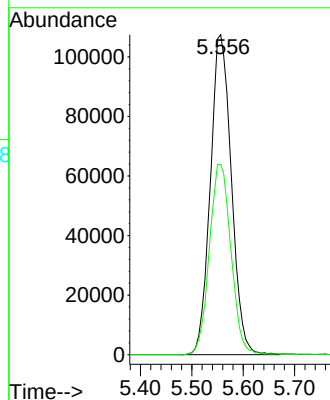
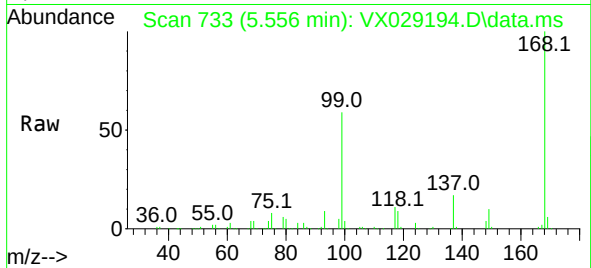




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

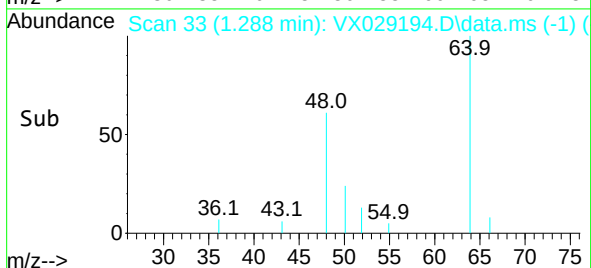
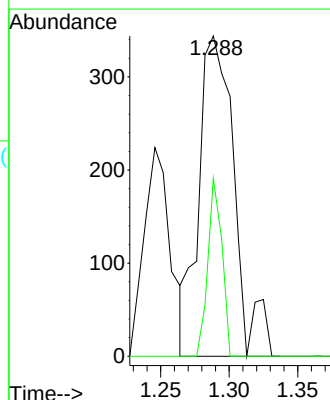
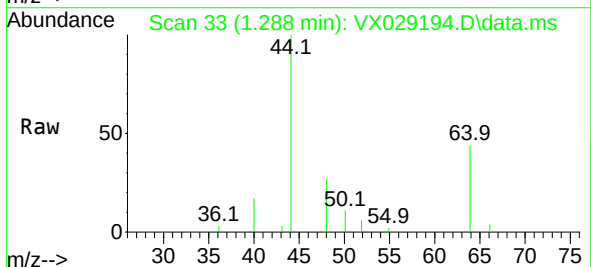
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

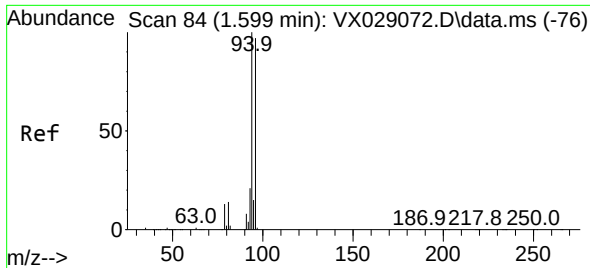
Tgt Ion:168 Resp: 305217
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 55.5 26.4 39.6#

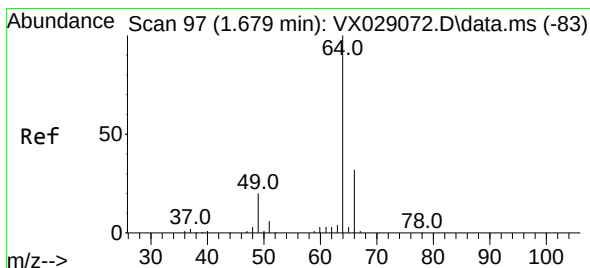
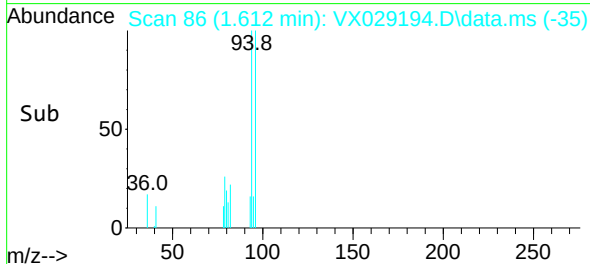
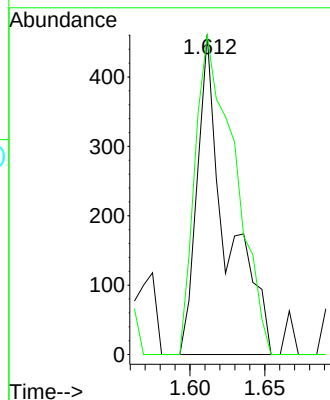
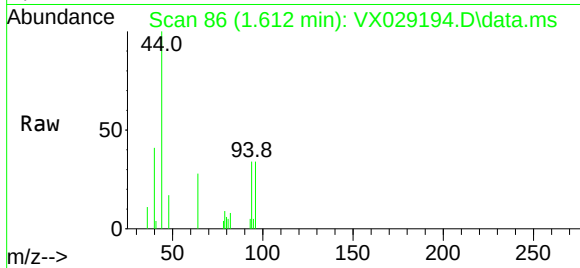




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

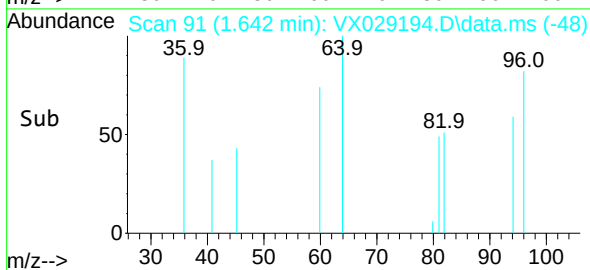
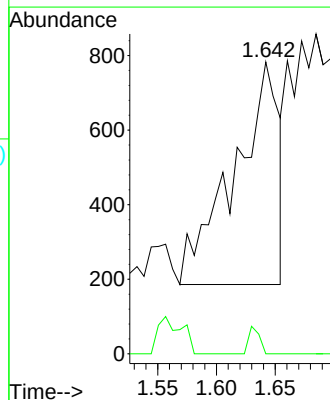
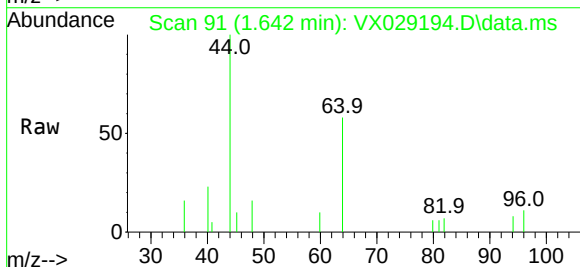
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

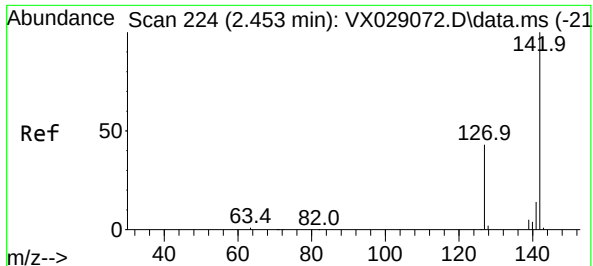
Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 99.8 75.3 112.9



#6
Chloroethane
Concen: 1.979 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 64 Resp: 1584
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

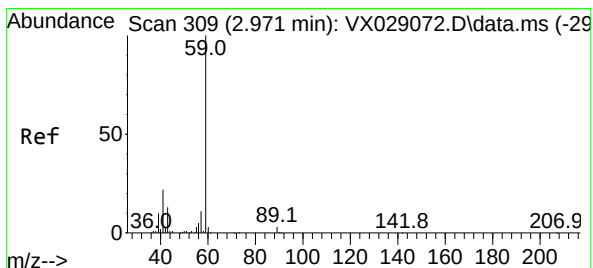
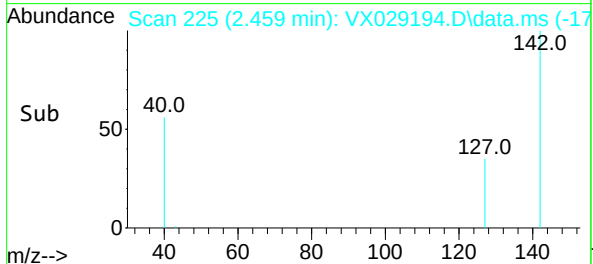
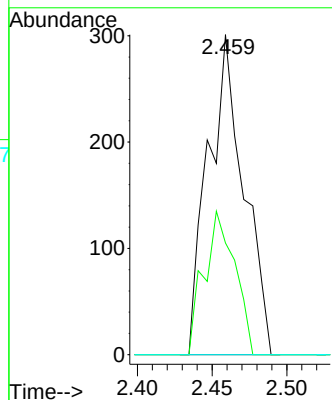
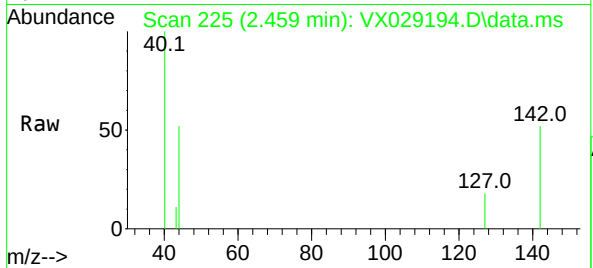




#10
Methyl Iodide
Concen: 4.360 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

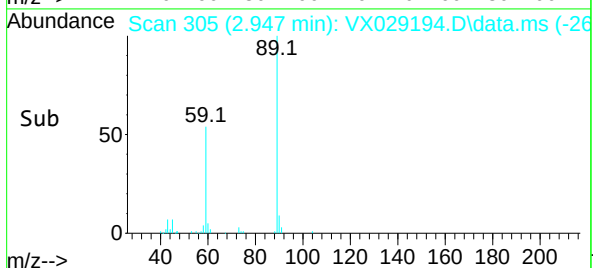
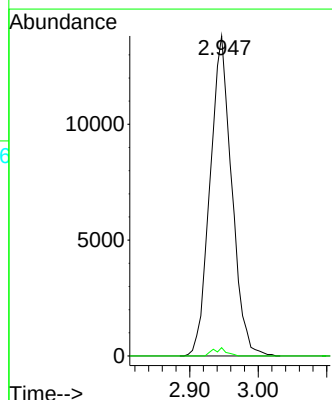
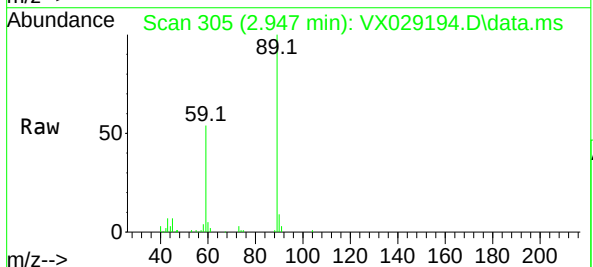
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

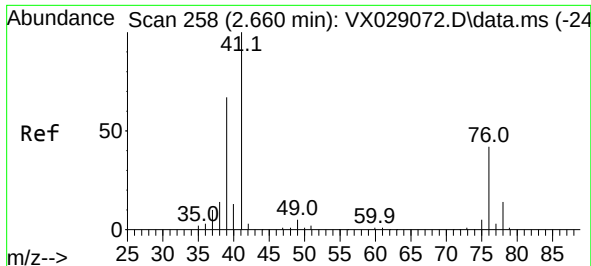
Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
127 38.7 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 38.099 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 59 Resp: 30376
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#

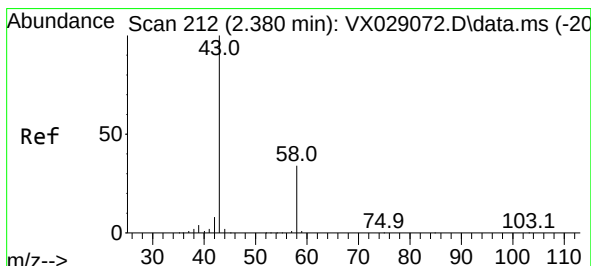
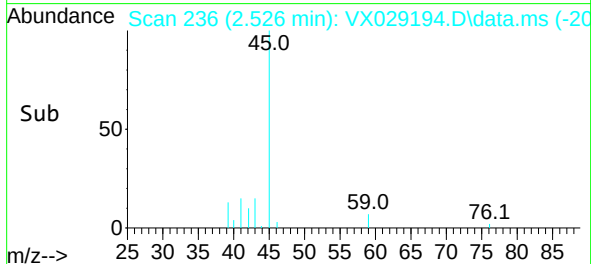
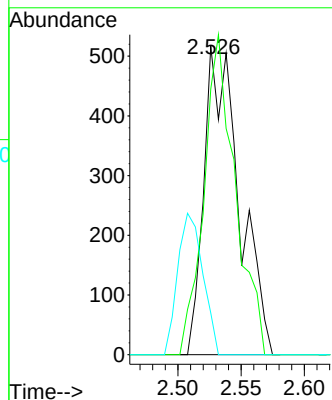
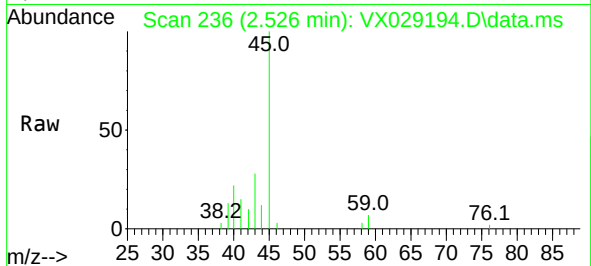




#14
 Allyl chloride
 Concen: 0.242 ug/l
 RT: 2.526 min Scan# 212
 Delta R.T. -0.134 min
 Lab File: VX029194.D
 Acq: 03 Jun 2022 16:49

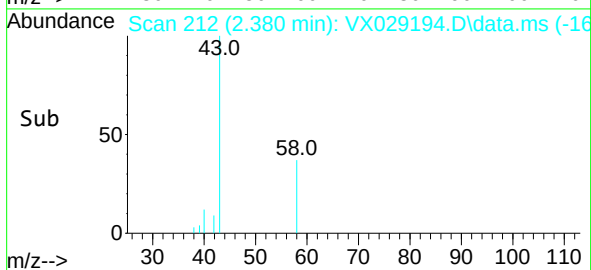
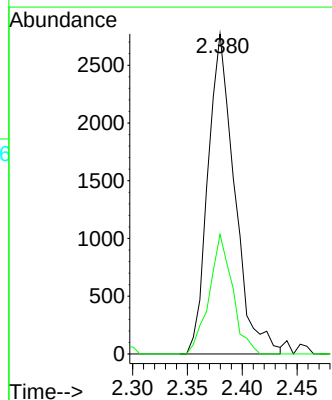
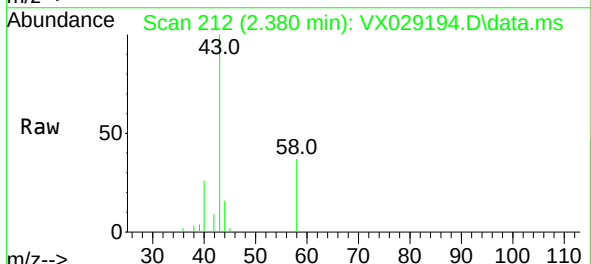
Instrument :
 MSVOA_X
 ClientSampleId :
 20220408-FIELD-BLANK-1

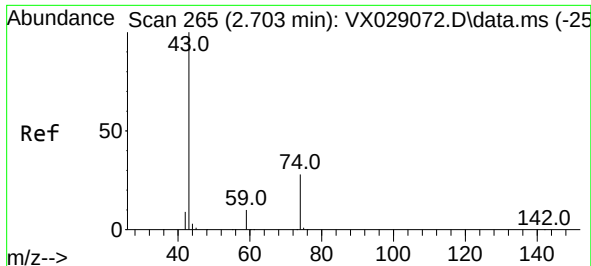
Tgt Ion: 41 Resp: 999
 Ion Ratio Lower Upper
 41 100
 39 92.2 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 3.461 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX029194.D
 Acq: 03 Jun 2022 16:49

Tgt Ion: 43 Resp: 4690
 Ion Ratio Lower Upper
 43 100
 58 37.4 28.8 43.2

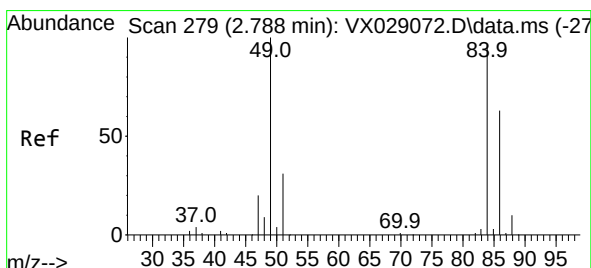
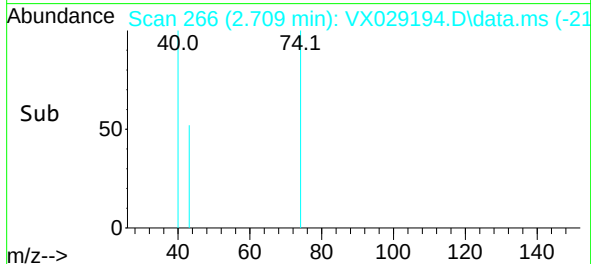
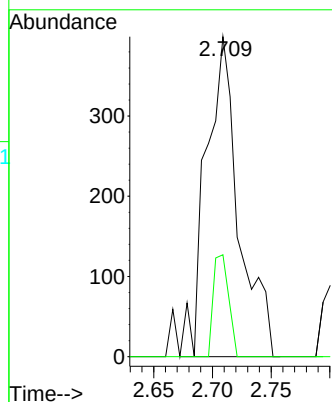
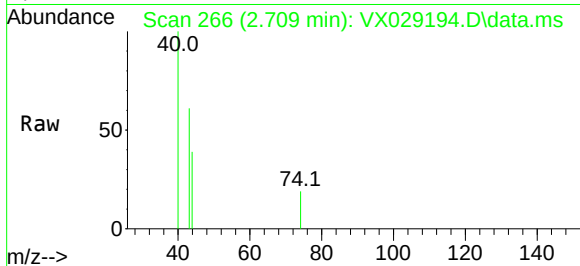




#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

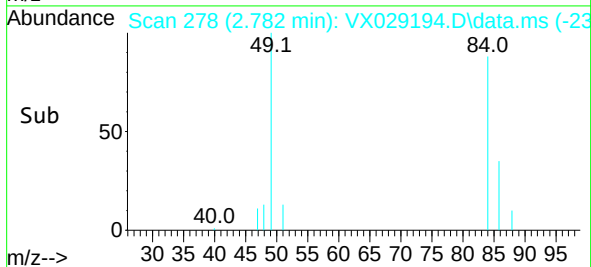
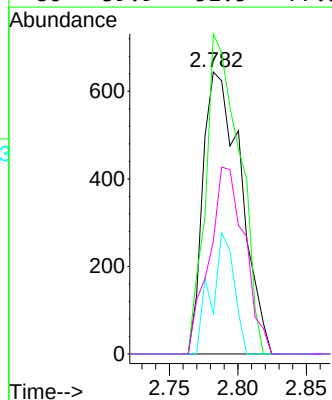
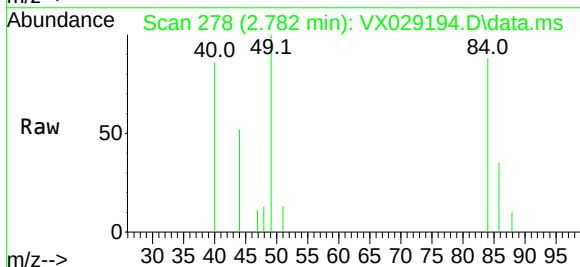
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

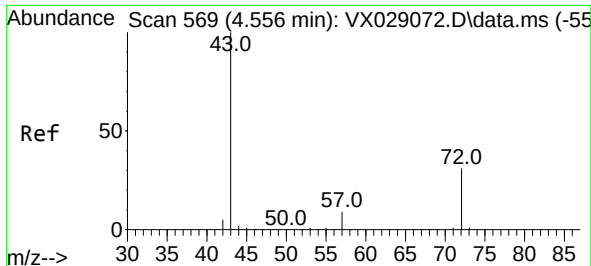
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
74 14.7 22.8 34.2#



#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 84 Resp: 1237
Ion Ratio Lower Upper
84 100
49 113.5 85.5 128.3
51 14.3 26.6 39.8#
86 39.9 51.5 77.3#





#25

2-Butanone

Concen: 0.481 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX029194.D

Acq: 03 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

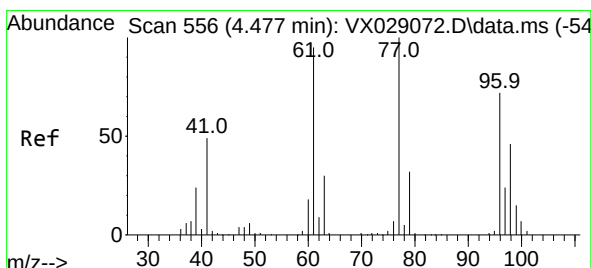
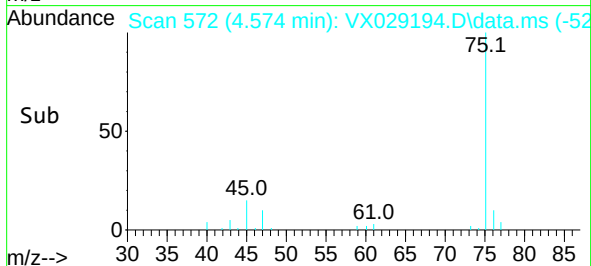
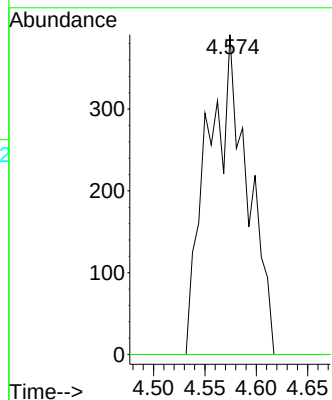
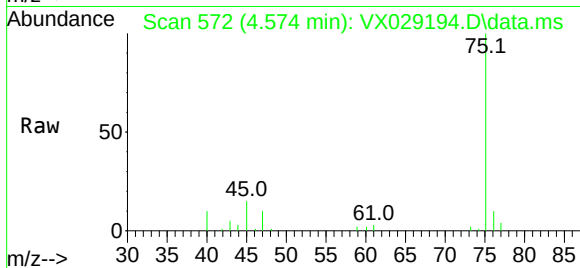
20220408-FIELD-BLANK-1

Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#26

2,2-Dichloropropane

Concen: 0.271 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.085 min

Lab File: VX029194.D

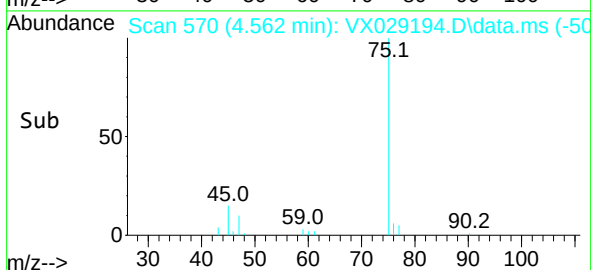
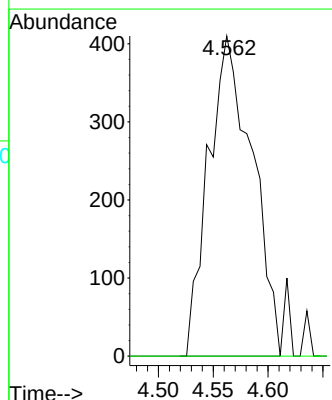
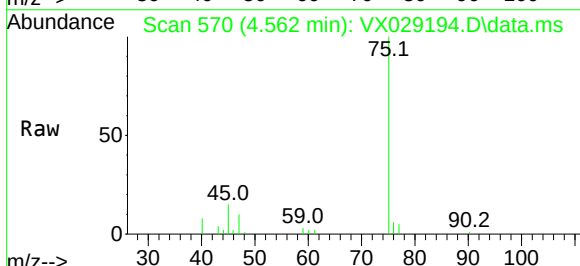
Acq: 03 Jun 2022 16:49

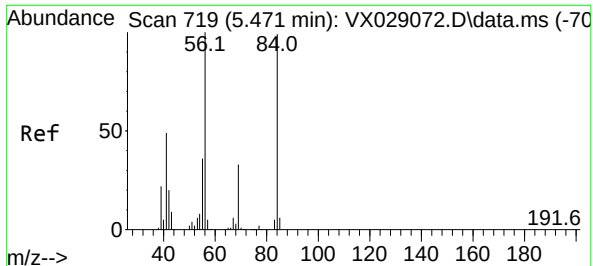
Tgt Ion: 77 Resp: 1138

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

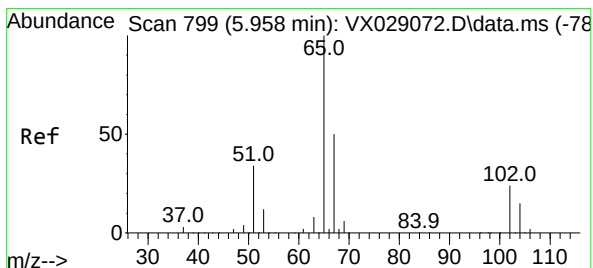
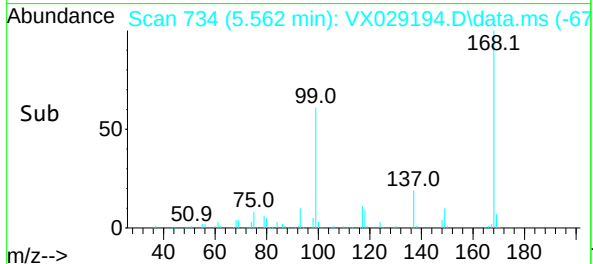
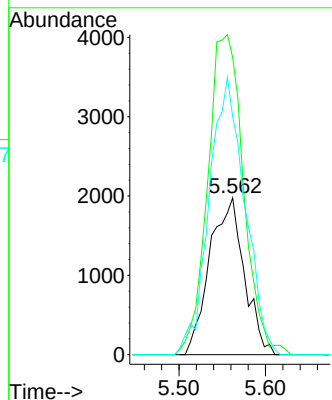
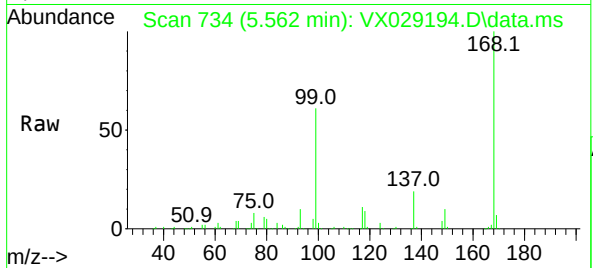




#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

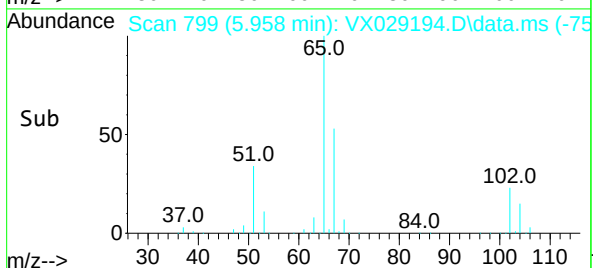
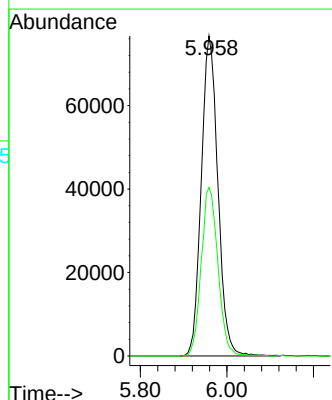
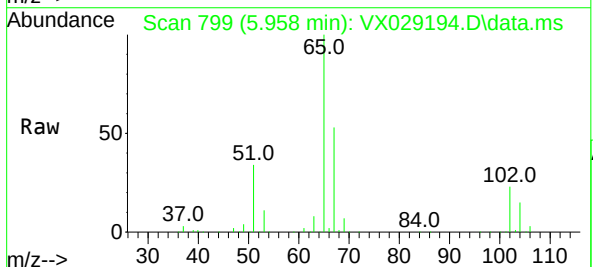
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

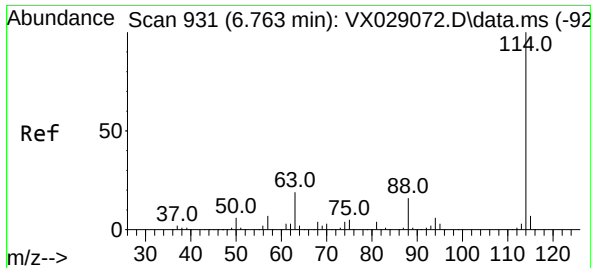
Tgt Ion: 56 Resp: 5488
Ion Ratio Lower Upper
56 100
69 186.3 26.7 40.1#
84 151.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 59.296 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 65 Resp: 204082
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

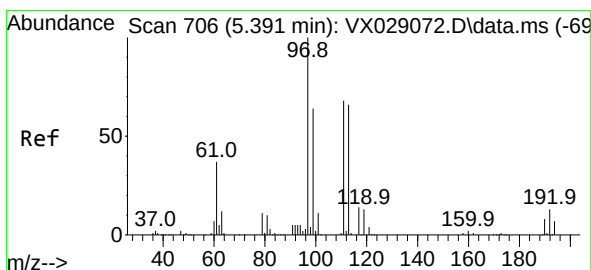
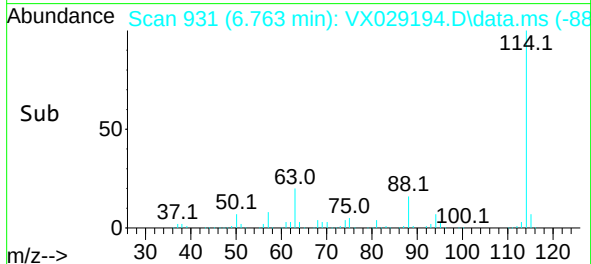
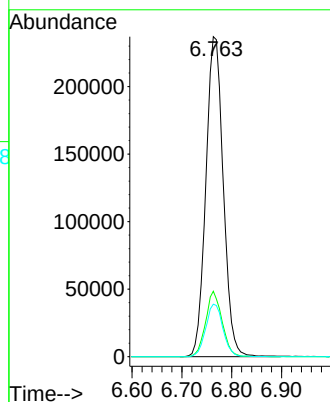
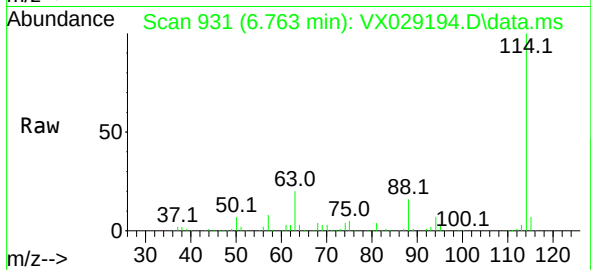




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

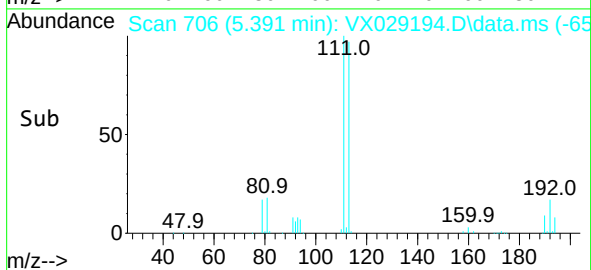
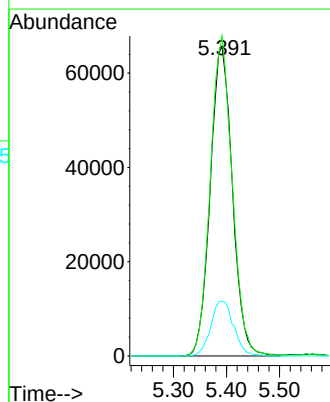
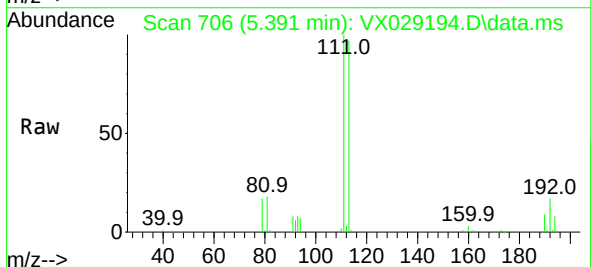
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

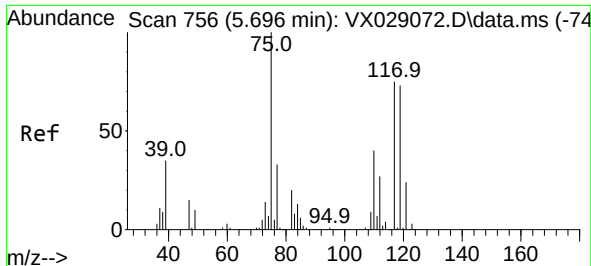
Tgt Ion:114 Resp: 574636
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion:113 Resp: 190489
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.4 16.9 25.3

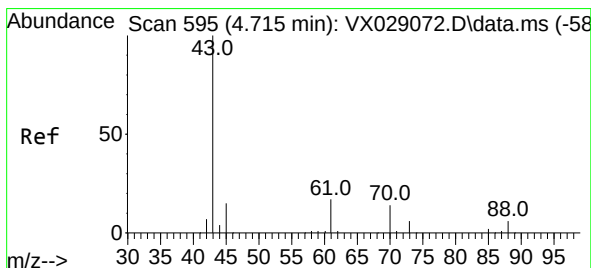
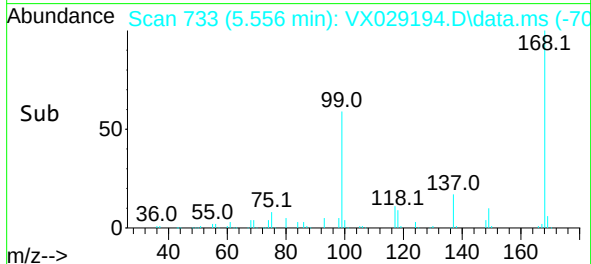
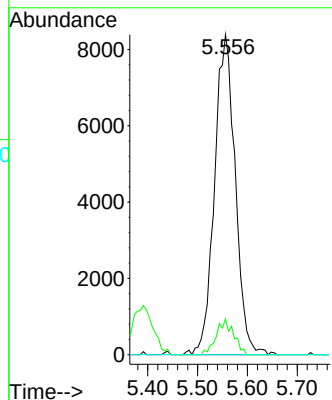
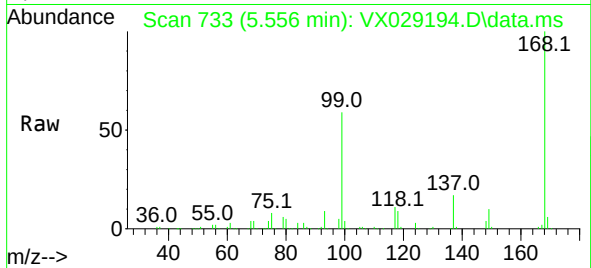




#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

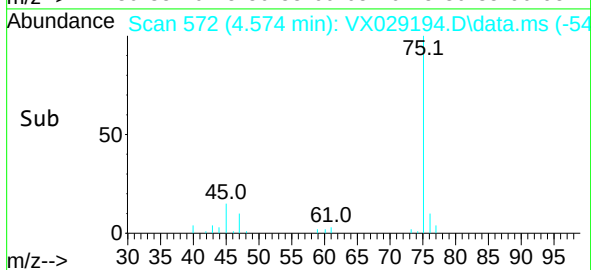
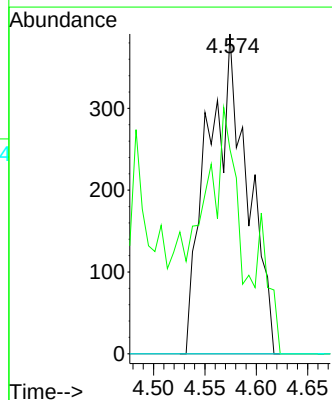
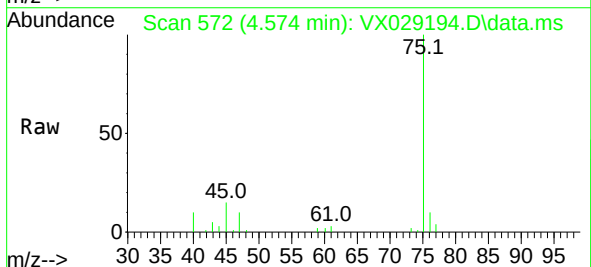
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

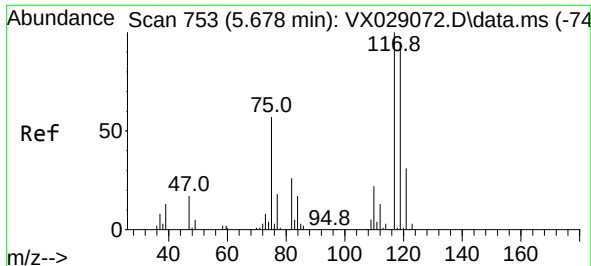
Tgt Ion: 75 Resp: 24248
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.221 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.141 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
61 67.2 12.6 19.0#
70 0.0 10.2 15.2#

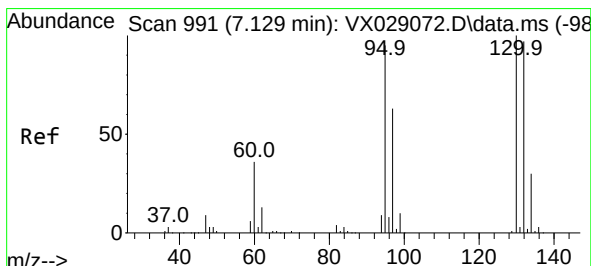
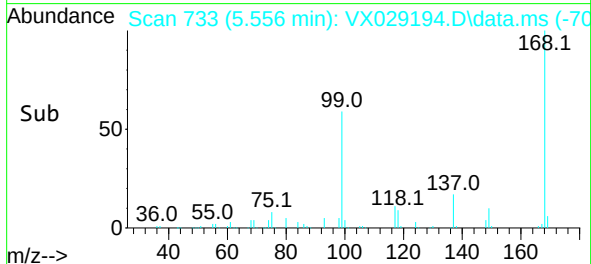
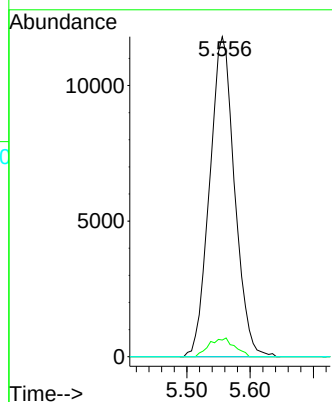
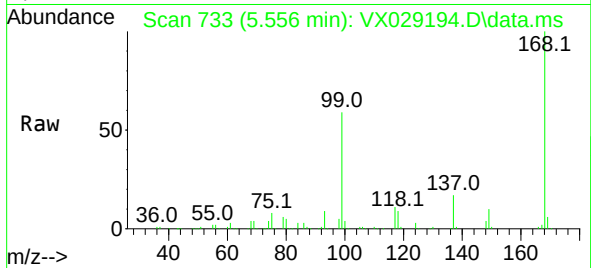




#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

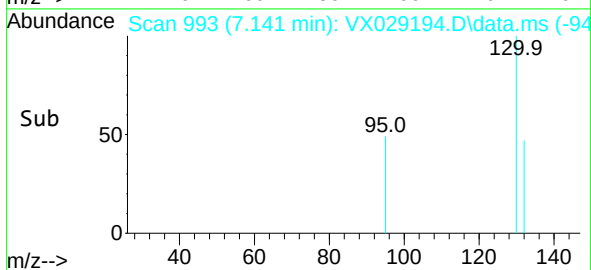
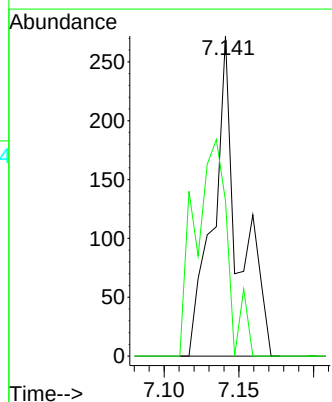
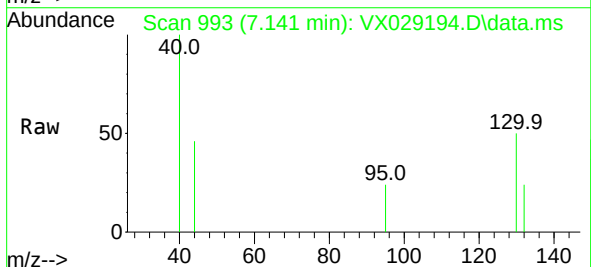
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

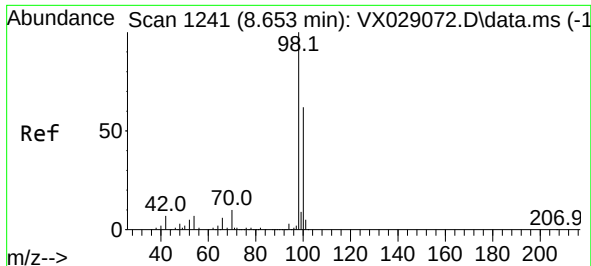
Tgt Ion:117 Resp: 32315
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion:130 Resp: 319
Ion Ratio Lower Upper
130 100
95 48.5 0.0 188.8

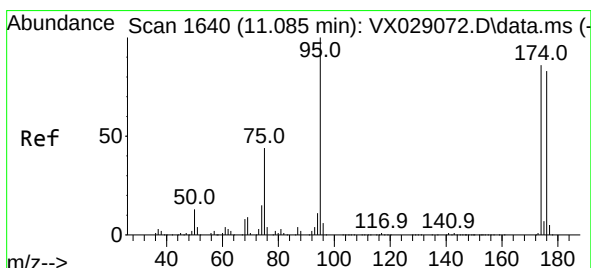
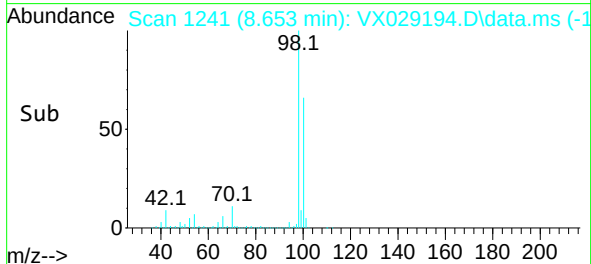
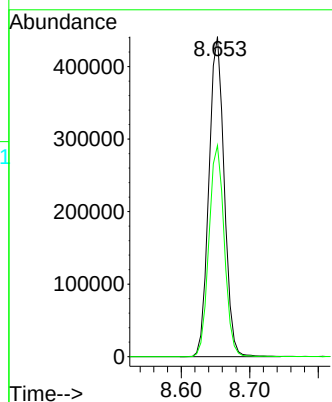
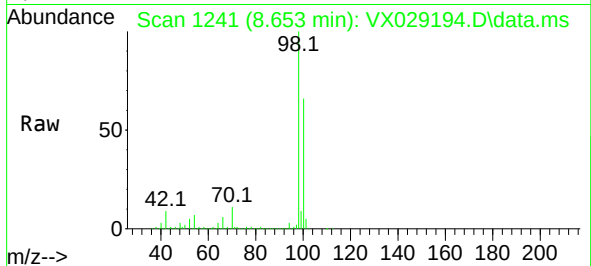




#50
Toluene-d8
Concen: 49.090 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

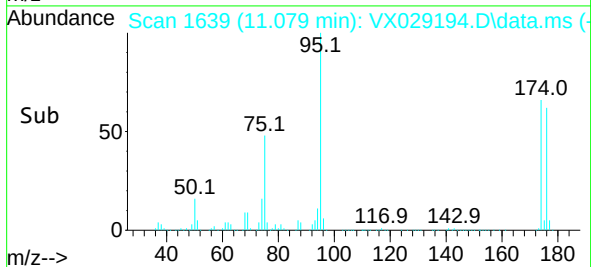
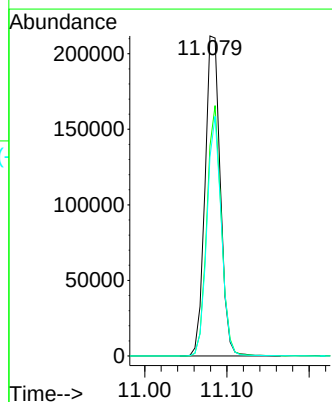
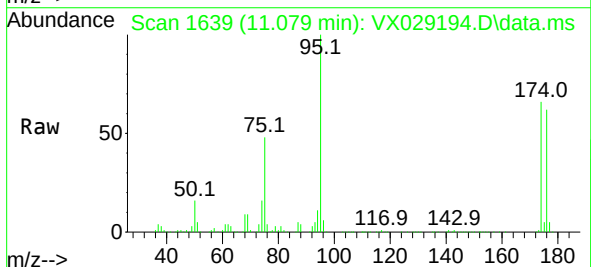
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

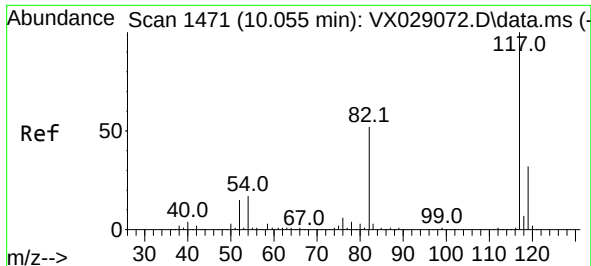
Tgt Ion: 98 Resp: 685289
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 95 Resp: 273557
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 70.7 0.0 155.0

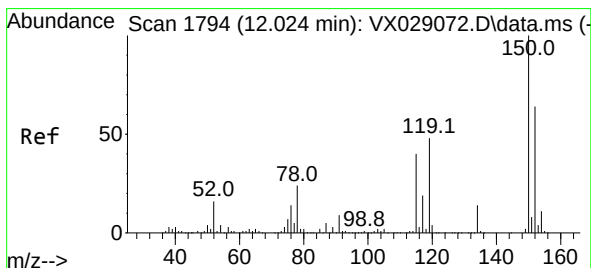
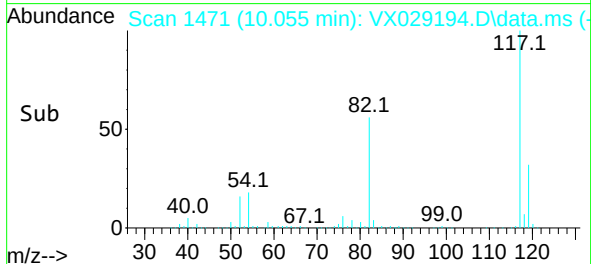
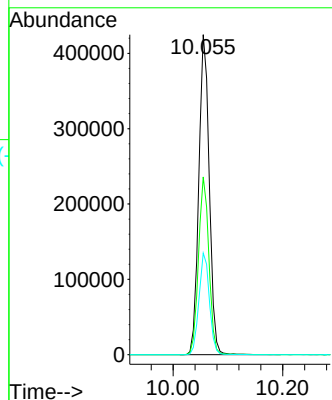
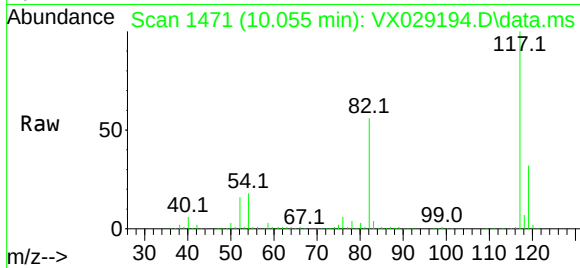




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

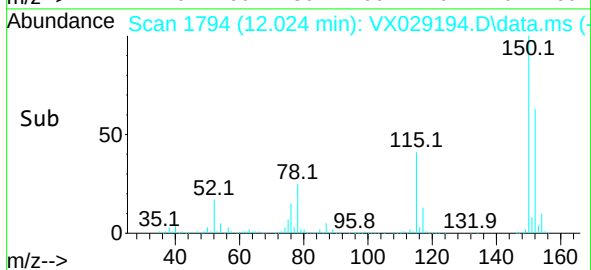
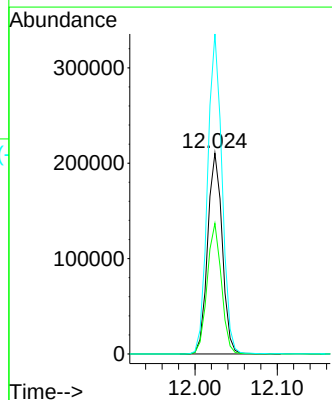
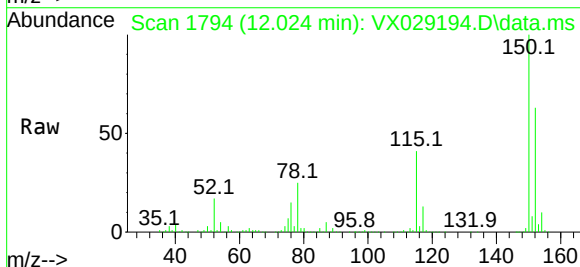
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

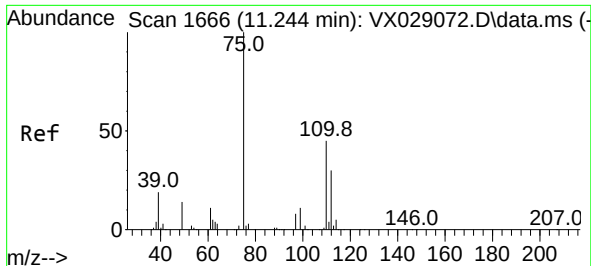
Tgt Ion:117 Resp: 565439
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion:152 Resp: 259252
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 157.8 0.0 338.2

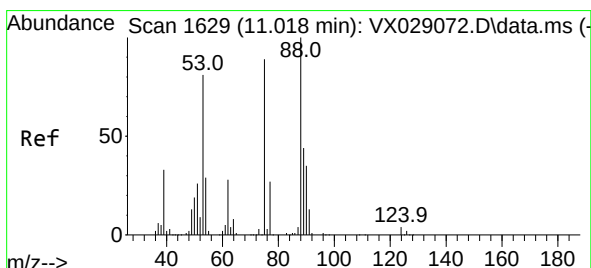
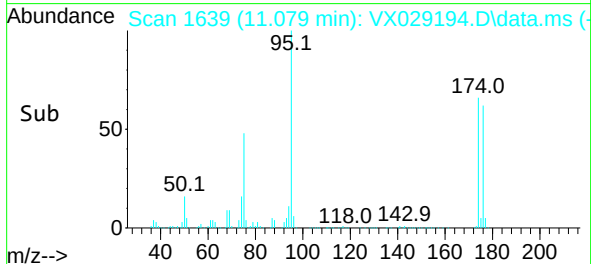
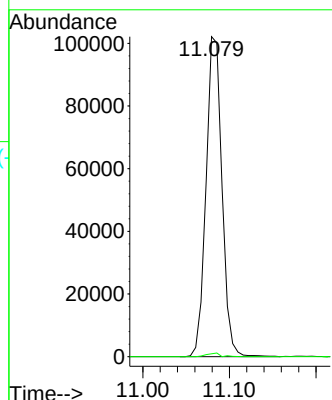
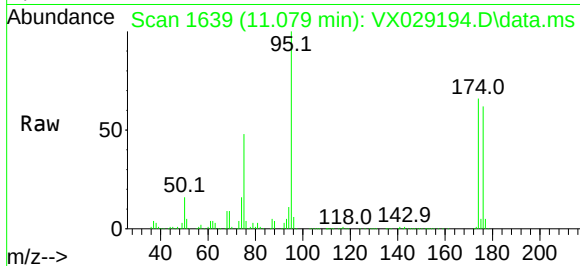




#76
1,2,3-Trichloropropane
Concen: 24.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1

Tgt Ion: 75 Resp: 130628
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029194.D
Acq: 03 Jun 2022 16:49

Tgt Ion: 75 Resp: 130628
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

