

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029238.D
 Acq On : 06 Jun 2022 14:47
 Operator : JC/MD
 Sample : N3143-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 07 06:04:46 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)

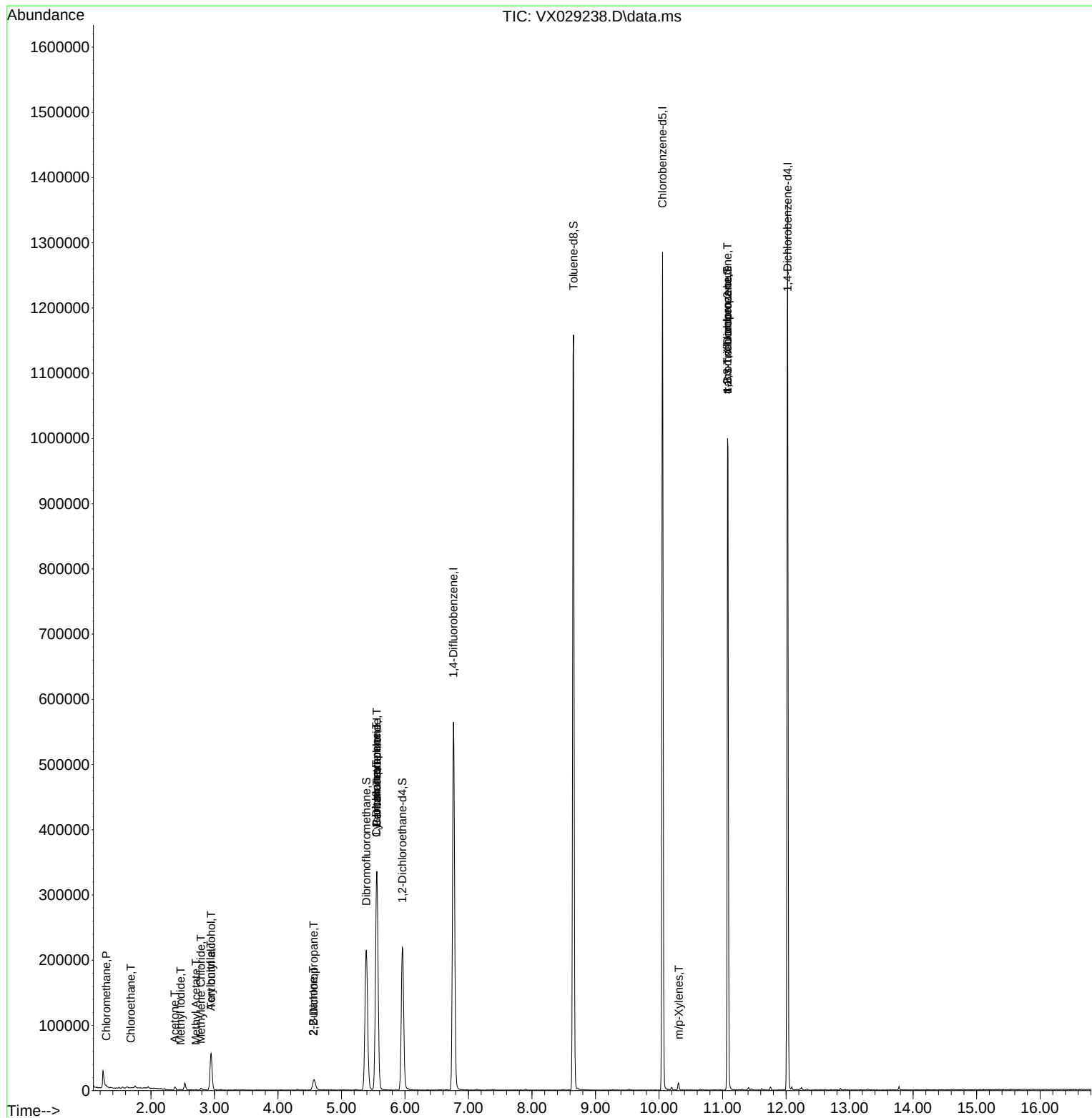
Internal Standards						
1) Pentafluorobenzene	5.556	168	318299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	595636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	591062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216177	60.229	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 120.460%	
35) Dibromofluoromethane	5.391	113	195291	49.361	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.720%	
50) Toluene-d8	8.653	98	708967	48.996	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.000%	
62) 4-Bromofluorobenzene	11.079	95	286675	51.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	792	0.273	ug/l #	82
5) Bromomethane	1.618	94	1072	Below Cal	#	70
6) Chloroethane	1.685	64	352	1.528	ug/l #	87
10) Methyl Iodide	2.465	142	776	4.425	ug/l #	94
11) Tert butyl alcohol	2.947	59	32260	38.799	ug/l #	75
15) Acrylonitrile	2.941	53	549	0.321	ug/l #	18
16) Acetone	2.374	43	4754	3.364	ug/l	98
18) Methyl Acetate	2.709	43	845	0.231	ug/l	90
20) Methylene Chloride	2.788	84	1096	0.333	ug/l #	84
25) 2-Butanone	4.556	43	1170	0.513	ug/l #	44
26) 2,2-Dichloropropane	4.562	77	1351	0.309	ug/l #	52
31) Cyclohexane	5.550	56	6338	1.358	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25217	4.954	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33128	5.694	ug/l #	16
44) Trichloroethene	7.141	130	315	Below Cal		70
68) m/p-Xylenes	10.311	106	2707	0.330	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	141733	25.453	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	141733	74.675	ug/l #	15

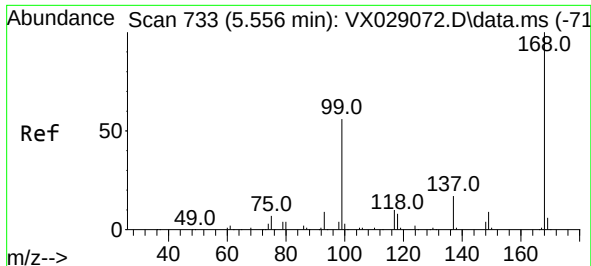
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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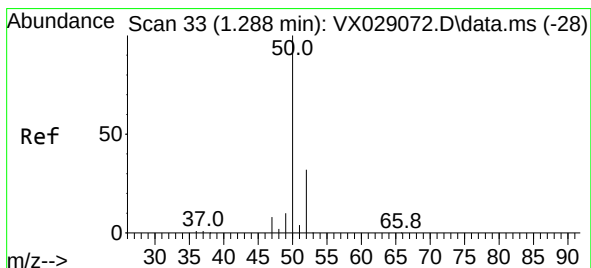
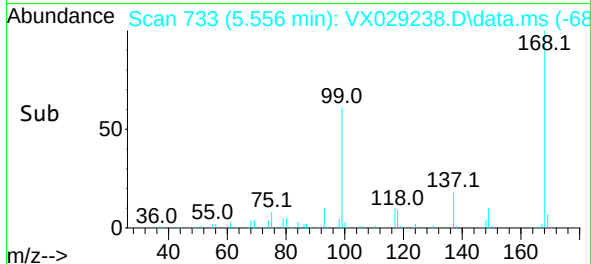
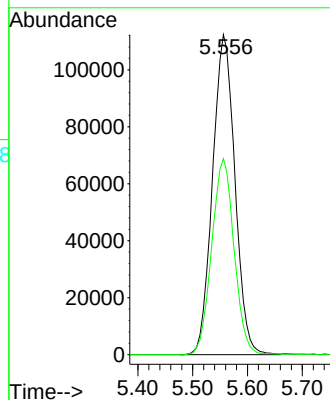
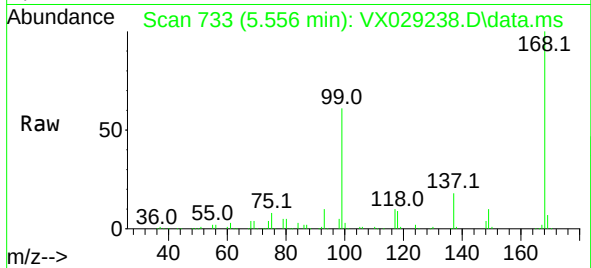




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

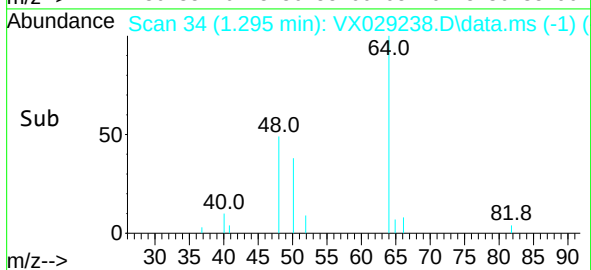
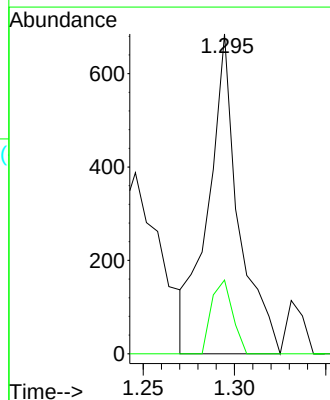
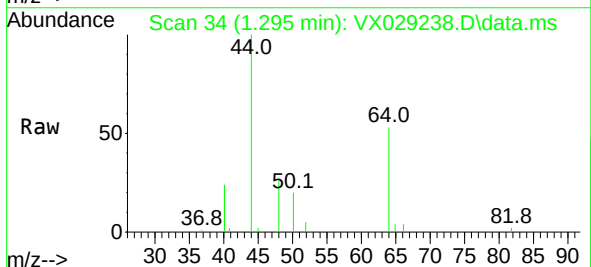
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1RE

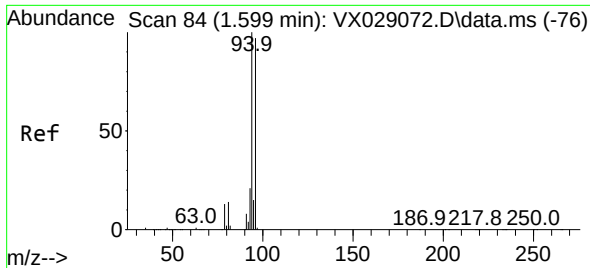
Tgt Ion:168 Resp: 318299
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5



#3
Chloromethane
Concen: 0.273 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 50 Resp: 792
Ion Ratio Lower Upper
50 100
52 23.1 26.4 39.6#

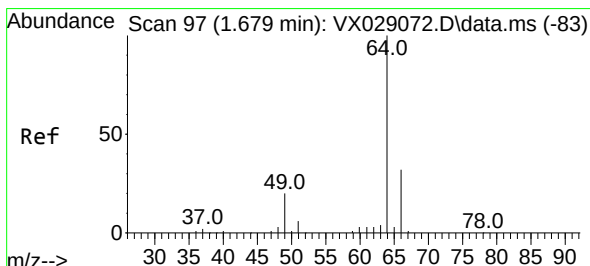
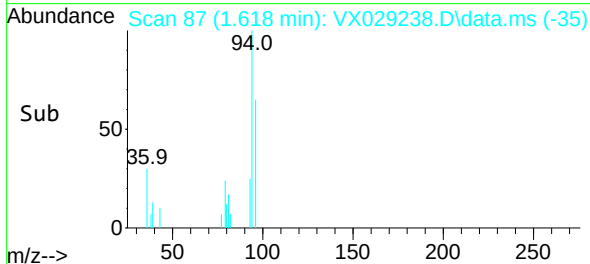
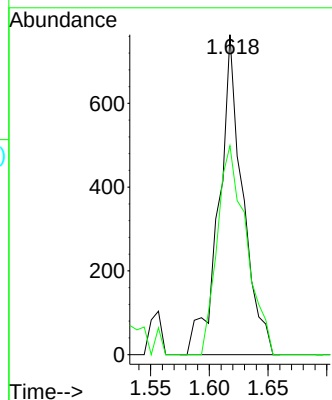
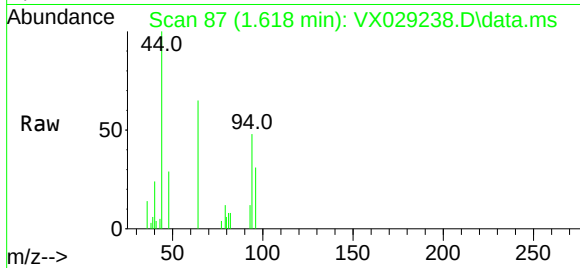




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

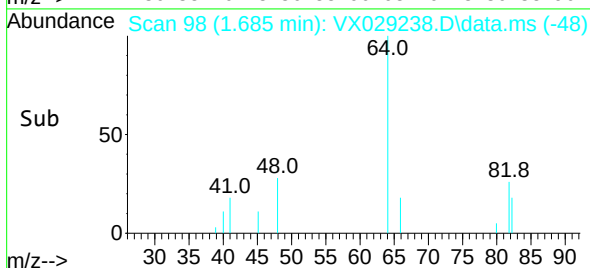
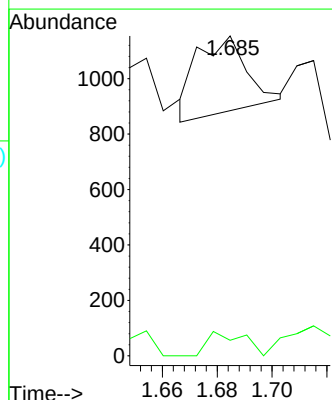
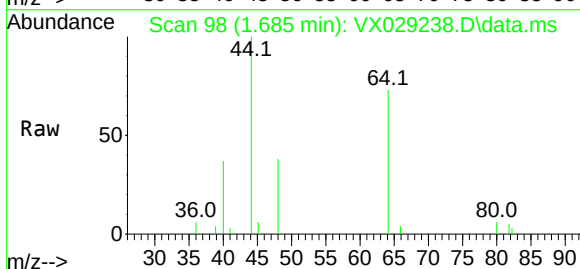
Instrument :
MSVOA_X
ClientSampleId :
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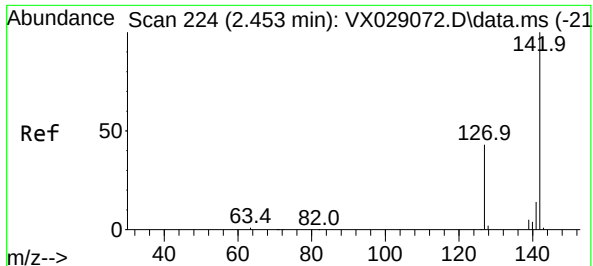
Tgt Ion: 94 Resp: 1072
Ion Ratio Lower Upper
94 100
96 65.3 75.3 112.9#



#6
Chloroethane
Concen: 1.528 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 64 Resp: 352
Ion Ratio Lower Upper
64 100
66 24.6 25.3 37.9#

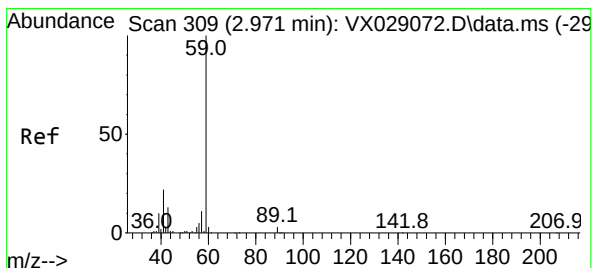
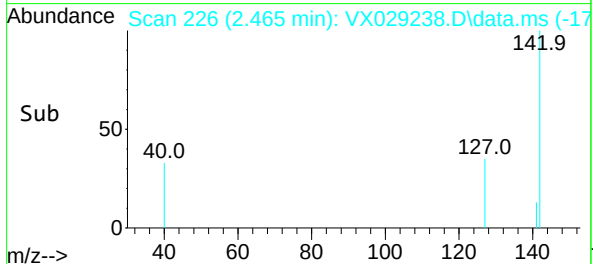
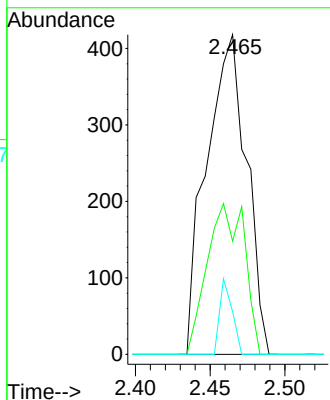
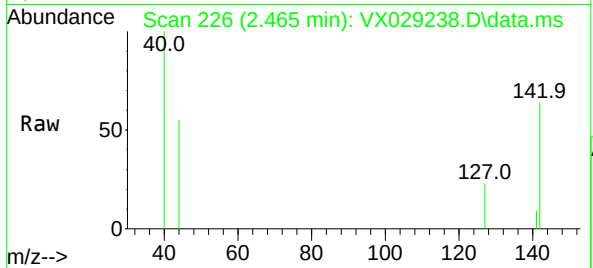




#10
Methyl Iodide
Concen: 4.425 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

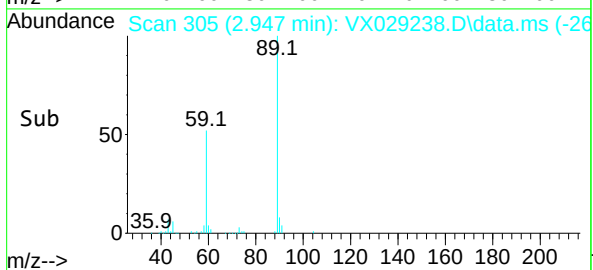
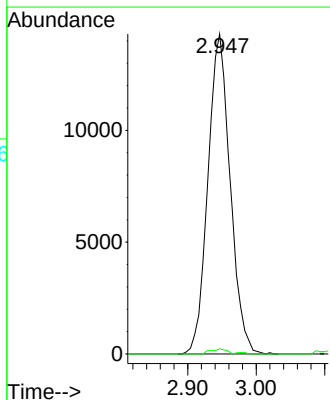
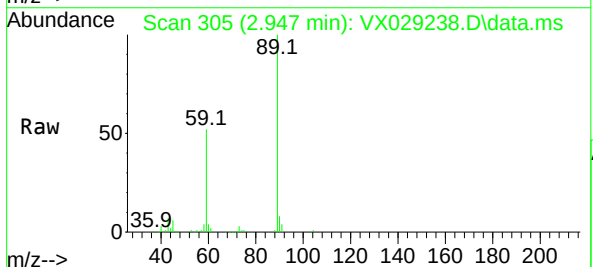
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1RE

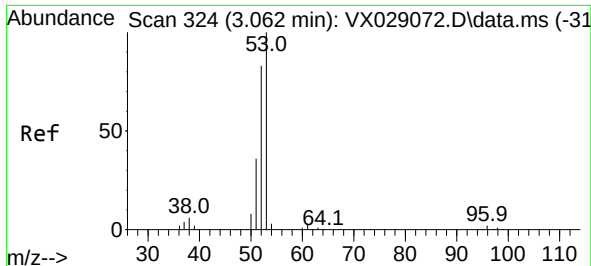
Tgt Ion:142 Resp: 776
Ion Ratio Lower Upper
142 100
127 43.9 33.9 50.9
141 7.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 38.799 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 59 Resp: 32260
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#





#15

Acrylonitrile

Concen: 0.321 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.121 min

Lab File: VX029238.D

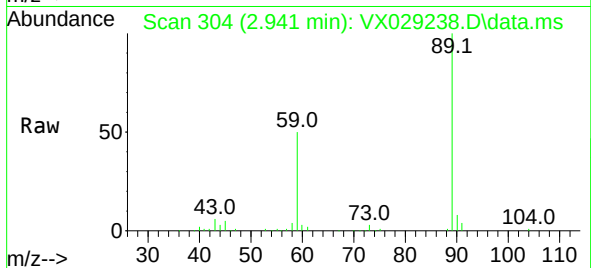
Acq: 06 Jun 2022 14:47

Instrument :

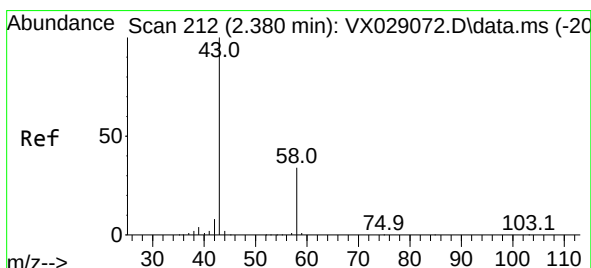
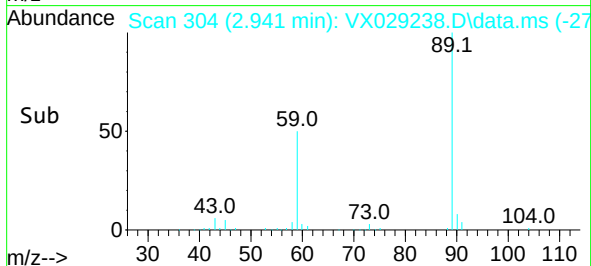
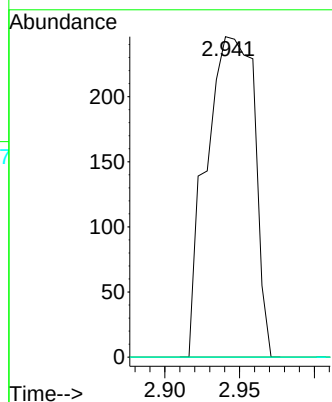
MSVOA_X

ClientSampleId :

20220408-FIELD-BLANK-1RE



Tgt Ion: 53	Resp: 549
Ion Ratio	Lower Upper
53	100
52	0.0 65.7 98.5#
51	0.0 28.4 42.6#



#16

Acetone

Concen: 3.364 ug/l

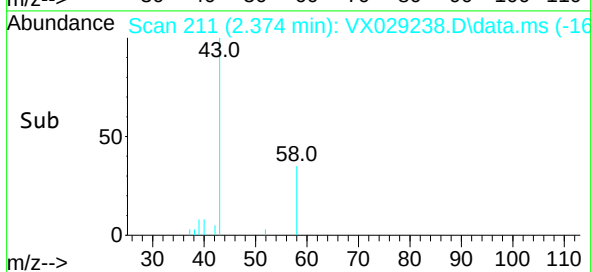
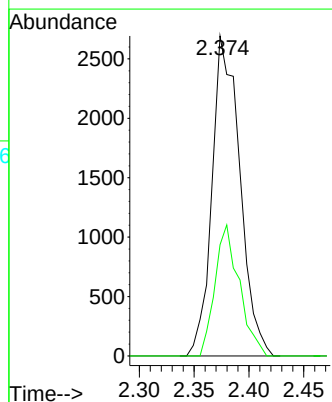
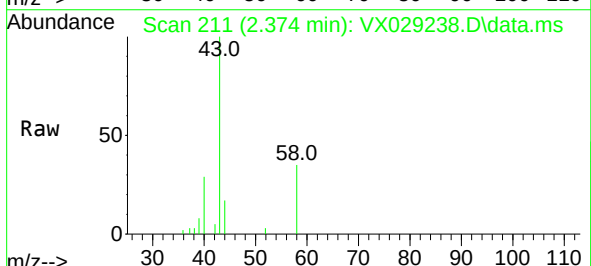
RT: 2.374 min Scan# 211

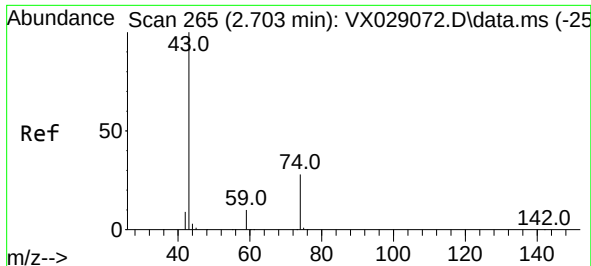
Delta R.T. -0.006 min

Lab File: VX029238.D

Acq: 06 Jun 2022 14:47

Tgt Ion: 43	Resp: 4754
Ion Ratio	Lower Upper
43	100
58	34.8 28.8 43.2

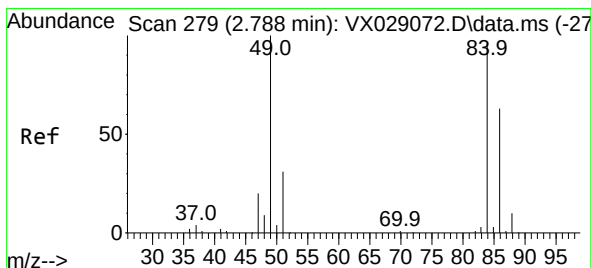
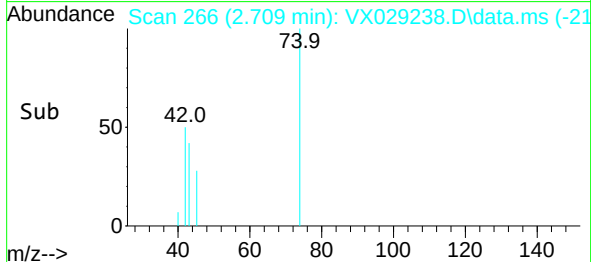
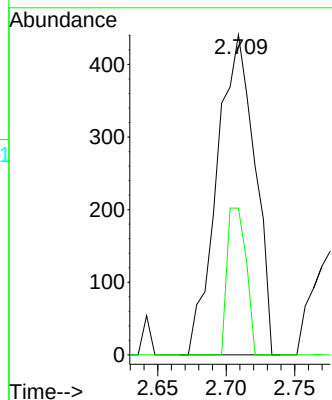
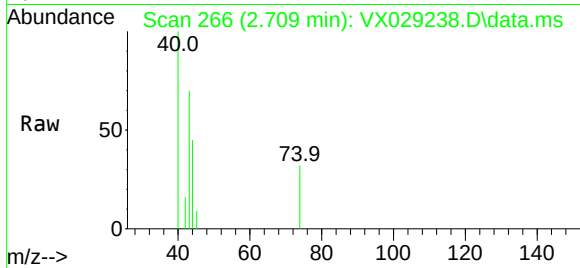




#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

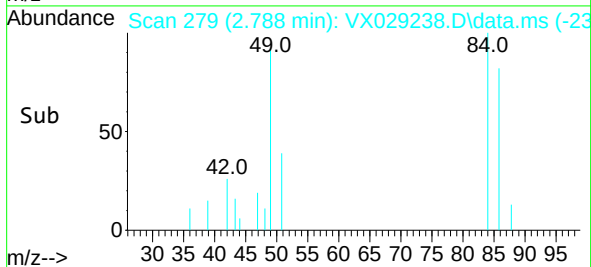
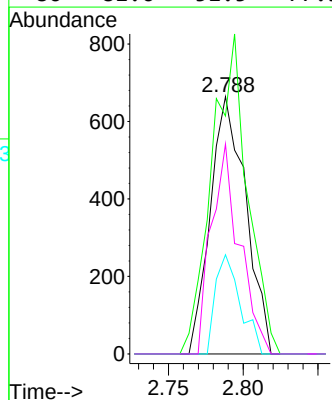
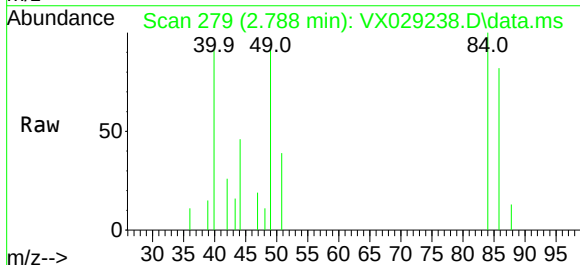
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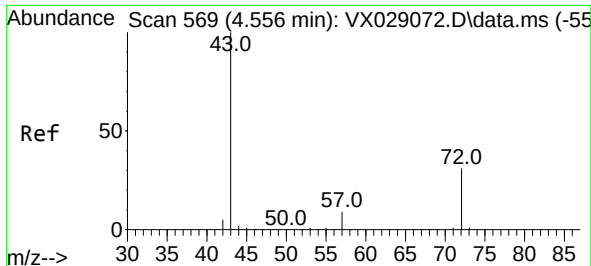
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
74 23.1 22.8 34.2



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 84 Resp: 1096
Ion Ratio Lower Upper
84 100
49 92.5 85.5 128.3
51 38.6 26.6 39.8
86 81.6 51.5 77.3#

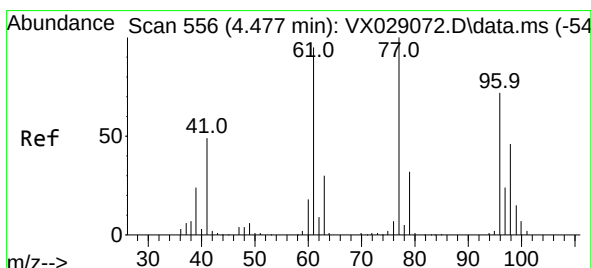
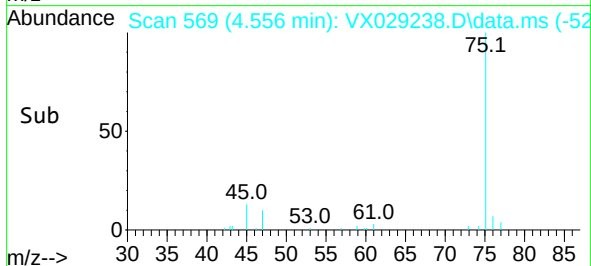
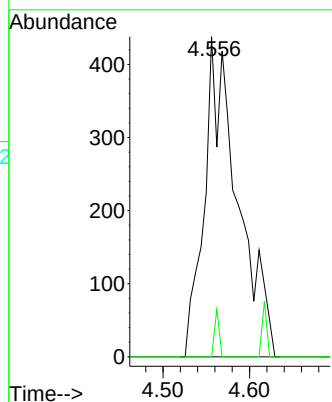
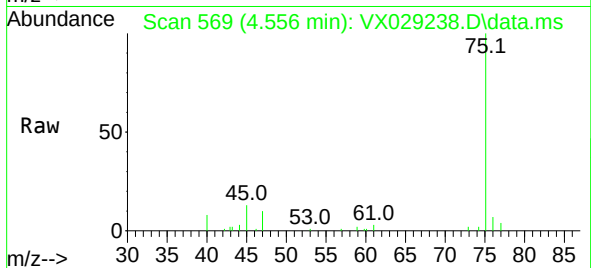




#25
2-Butanone
Concen: 0.513 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

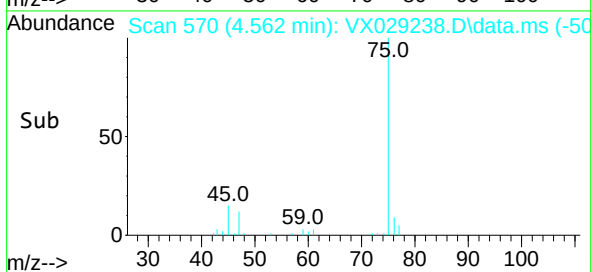
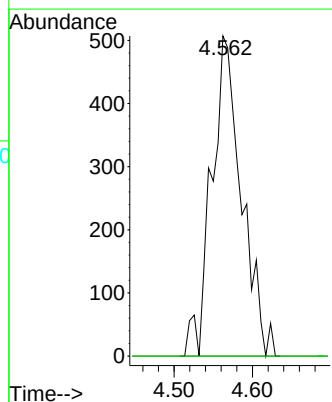
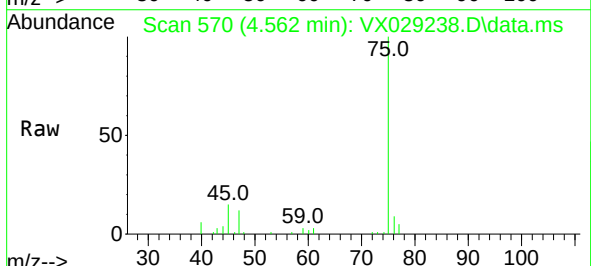
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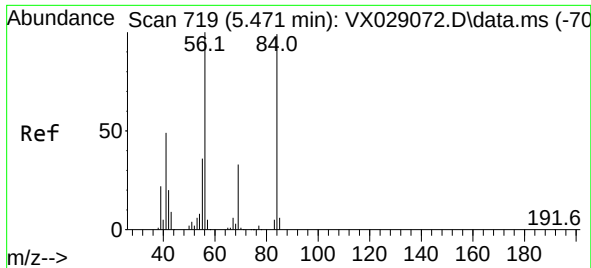
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#26
2,2-Dichloropropane
Concen: 0.309 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.085 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 77 Resp: 1351
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#

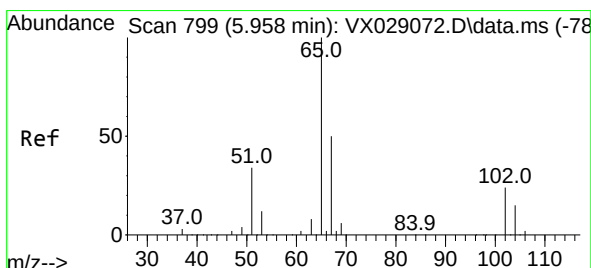
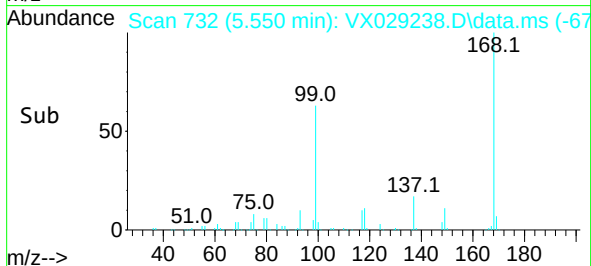
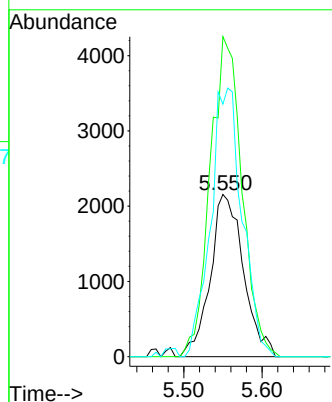
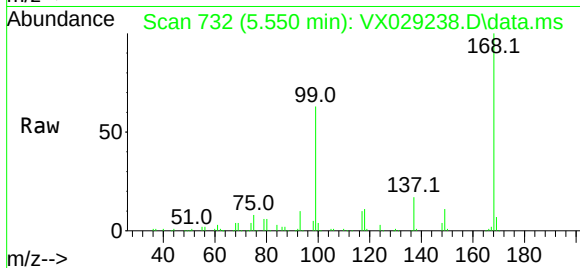




#31
Cyclohexane
Concen: 1.358 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

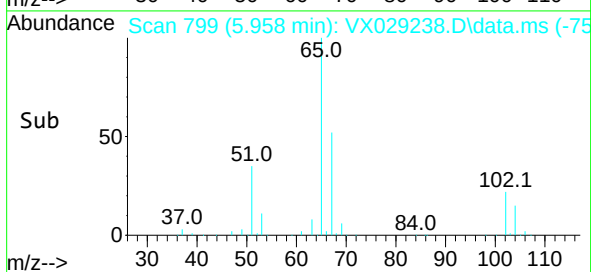
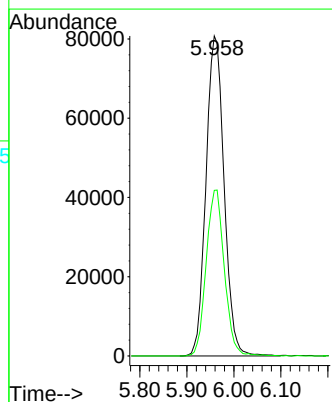
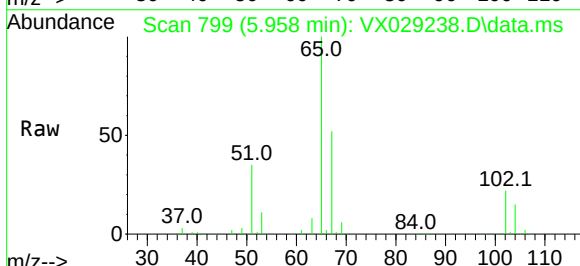
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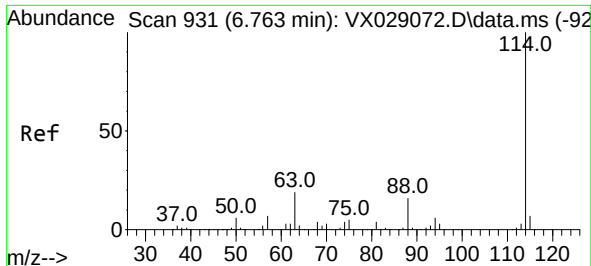
Tgt Ion: 56 Resp: 6338
Ion Ratio Lower Upper
56 100
69 197.3 26.7 40.1#
84 155.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 60.229 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 65 Resp: 216177
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

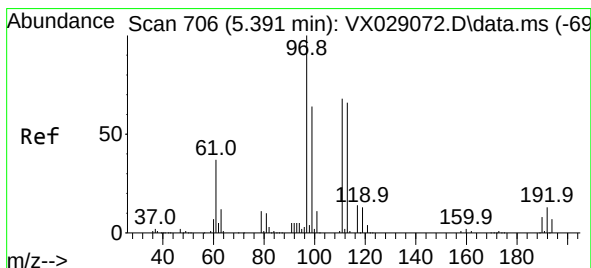
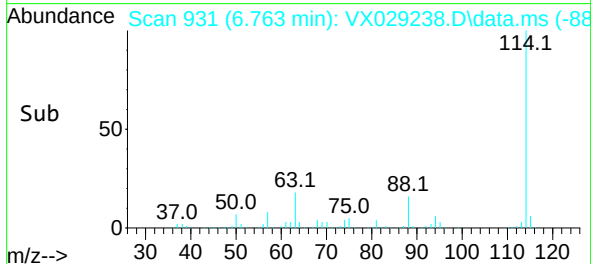
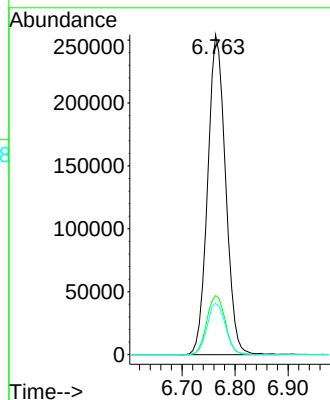
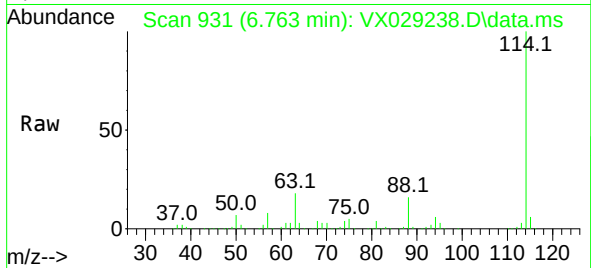




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

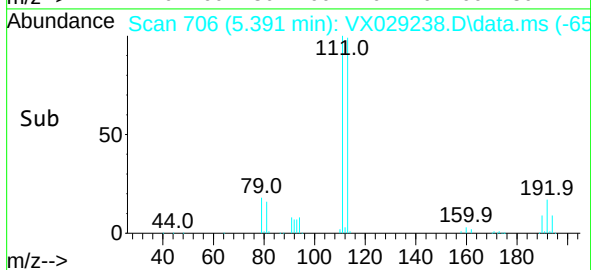
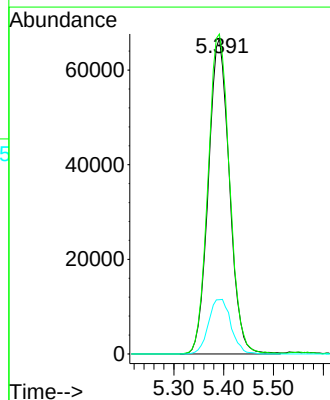
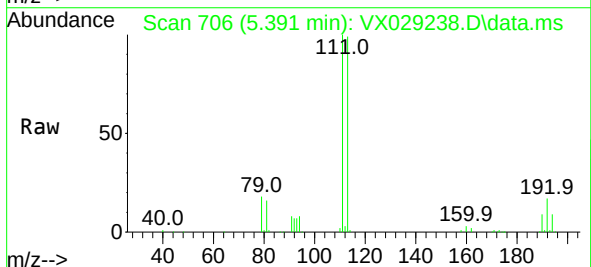
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1RE

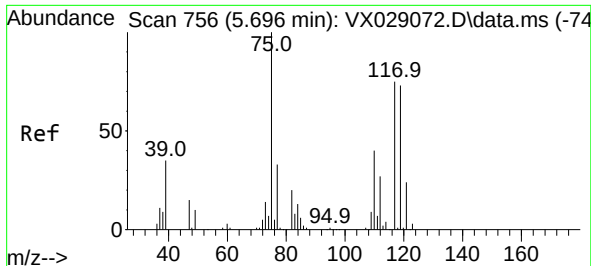
Tgt Ion:114 Resp: 595636
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.361 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion:113 Resp: 195291
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.4 16.9 25.3

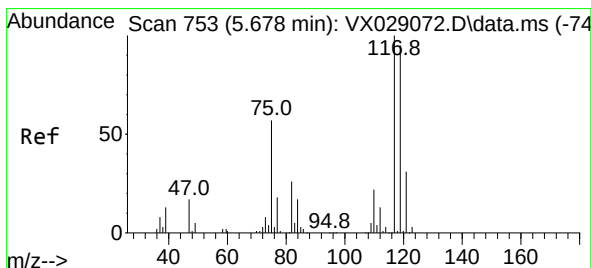
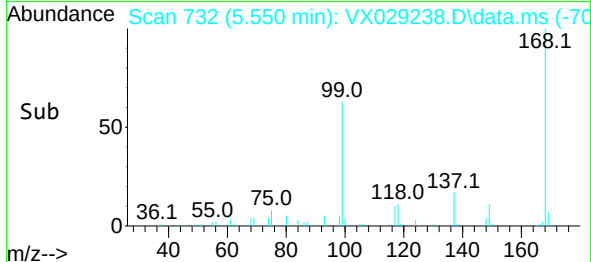
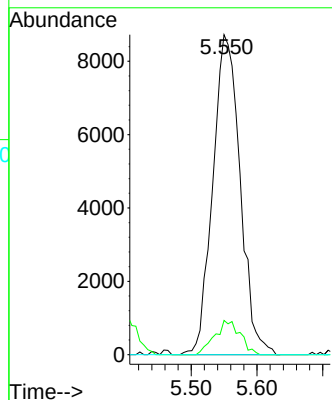
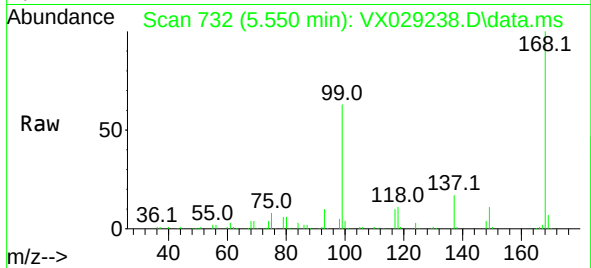




#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

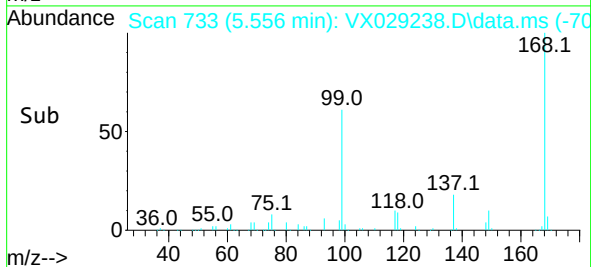
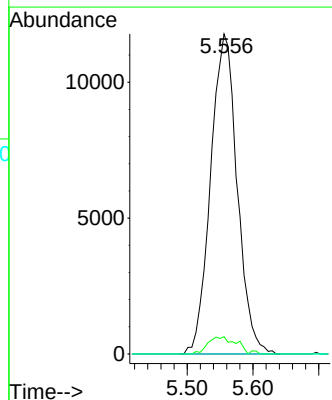
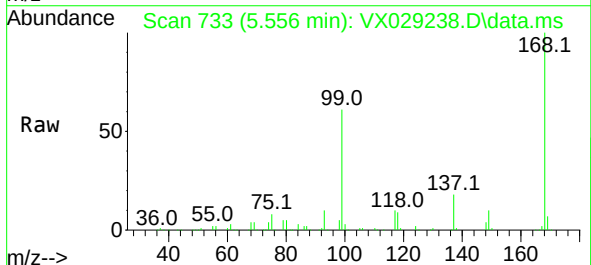
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1RE

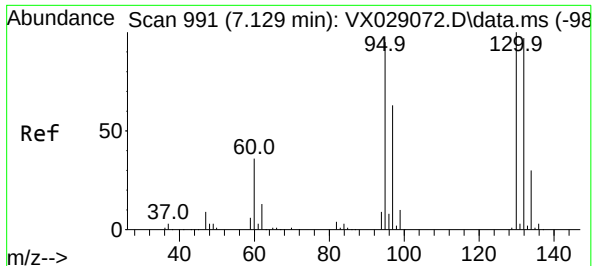
Tgt Ion: 75 Resp: 25217
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.694 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 117 Resp: 33128
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

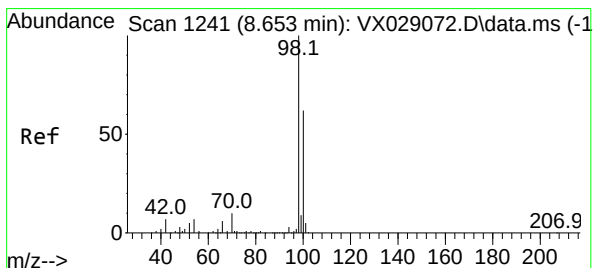
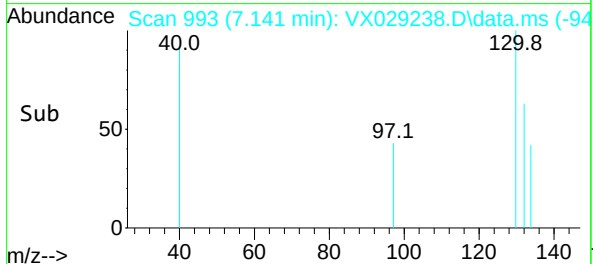
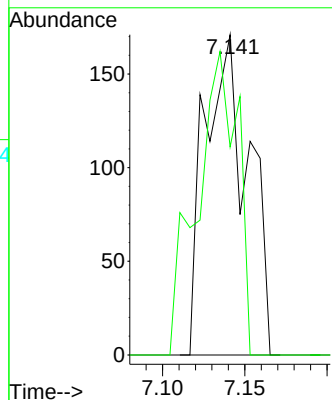
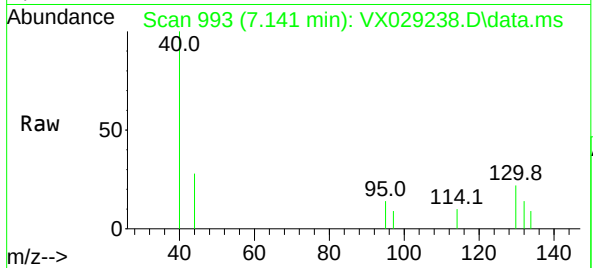




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

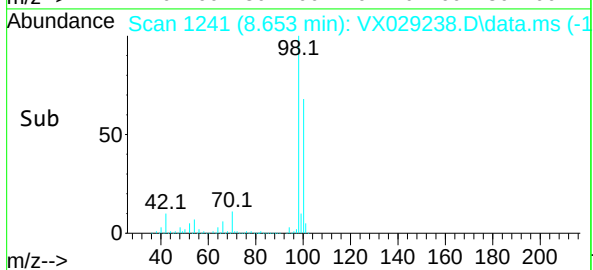
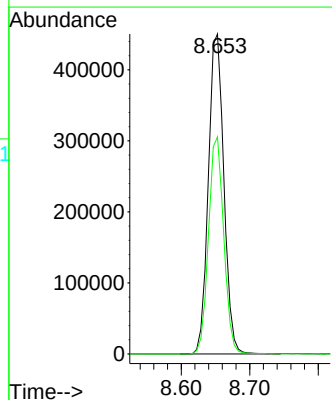
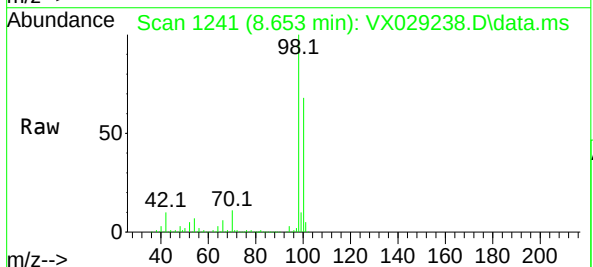
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1RE

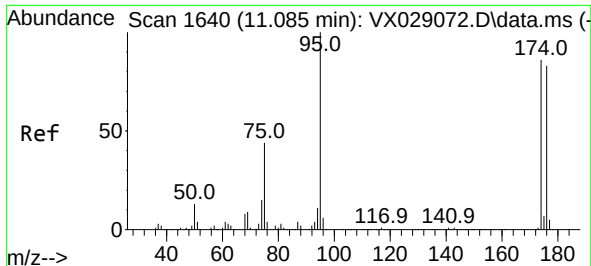
Tgt Ion:130 Resp: 315
Ion Ratio Lower Upper
130 100
95 64.9 0.0 188.8



#50
Toluene-d8
Concen: 48.996 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 98 Resp: 708967
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

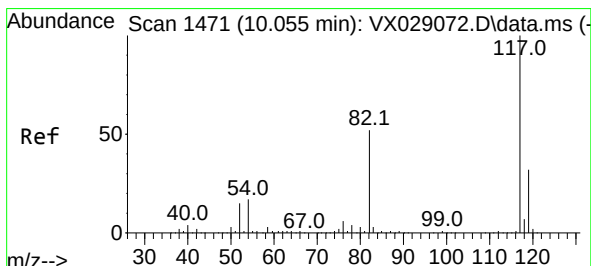
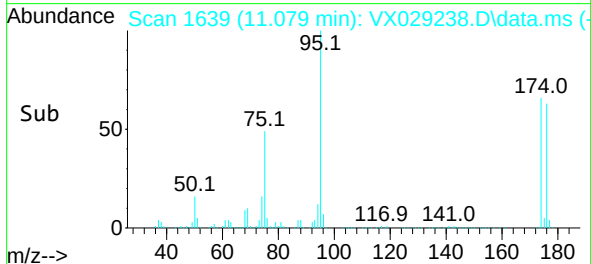
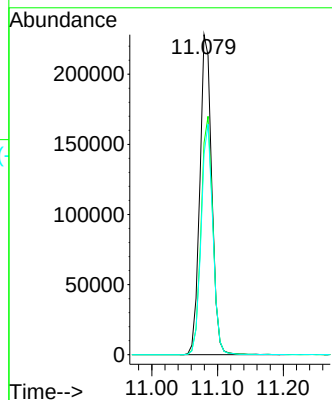
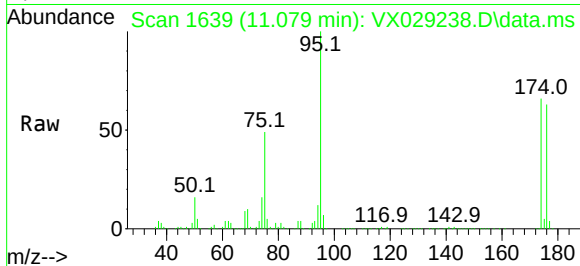




#62
4-Bromofluorobenzene
Concen: 51.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

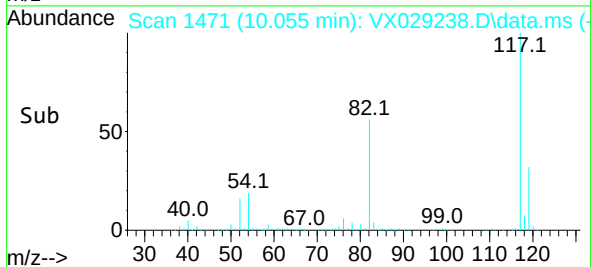
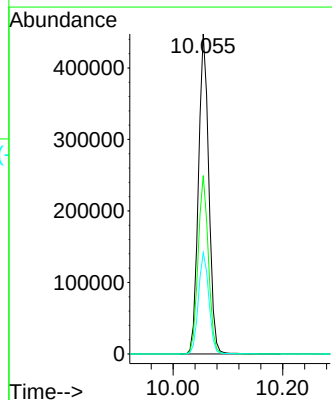
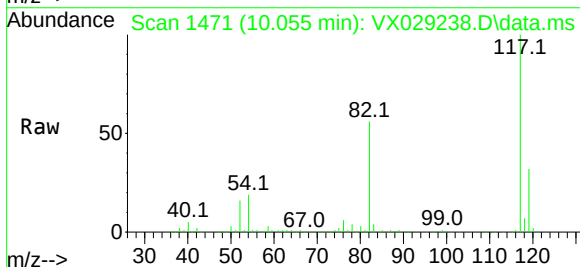
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1RE

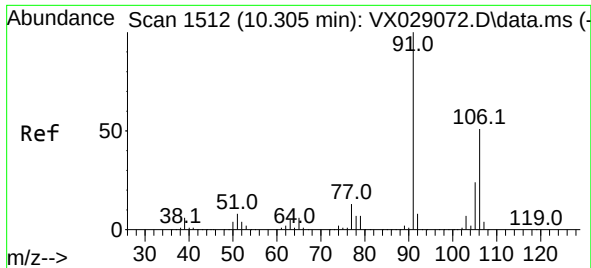
Tgt Ion: 95 Resp: 286675
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 70.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 117 Resp: 591062
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 31.7 24.8 37.2

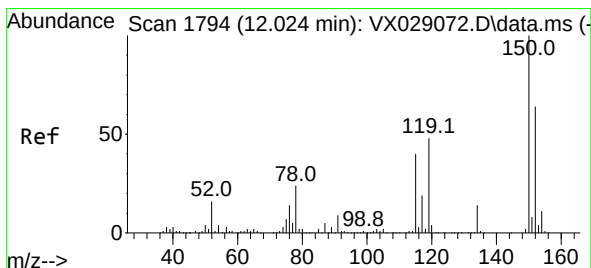
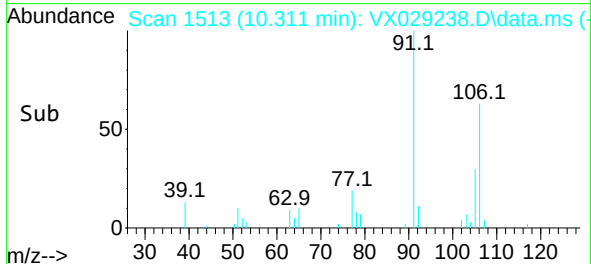
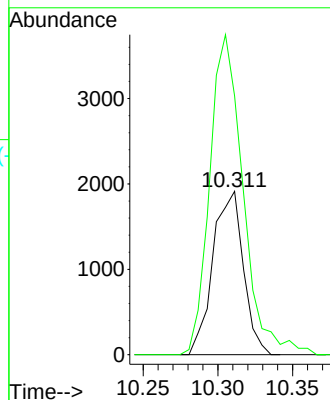
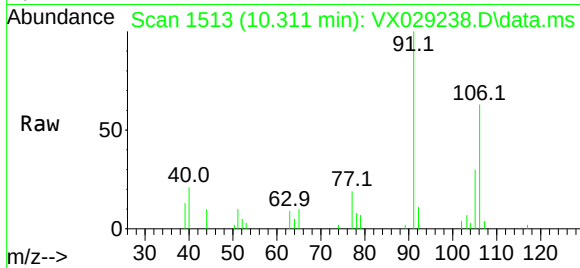




#68
m/p-Xylenes
Concen: 0.330 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

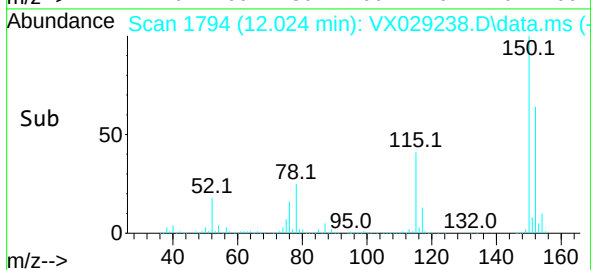
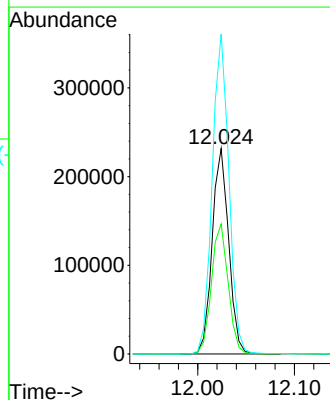
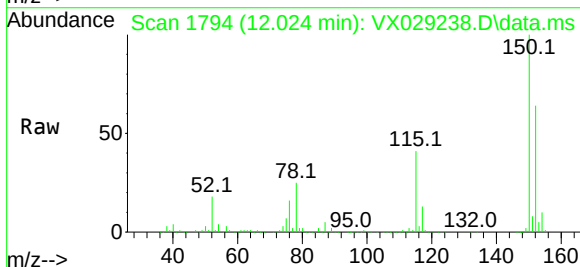
Instrument :
MSVOA_X
ClientSampleId :
20220408-FIELD-BLANK-1RE

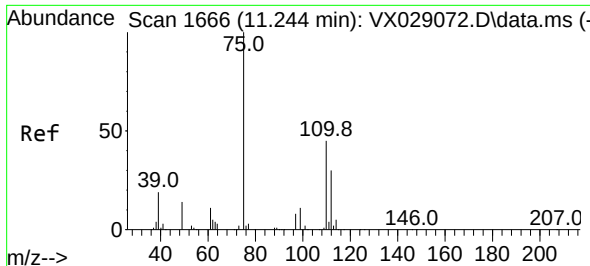
Tgt Ion:106 Resp: 2707
Ion Ratio Lower Upper
106 100
91 214.8 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion:152 Resp: 274685
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 157.5 0.0 338.2

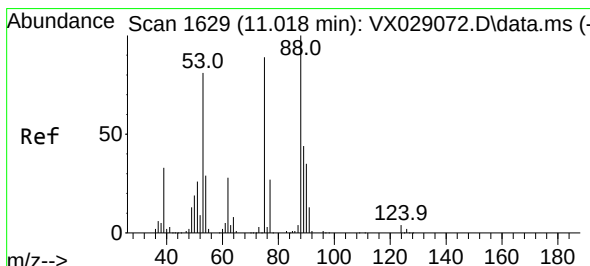
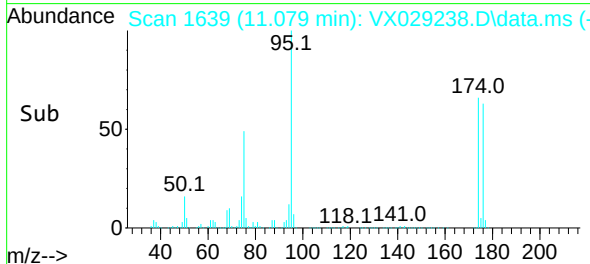
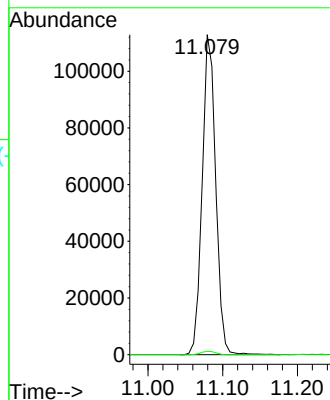
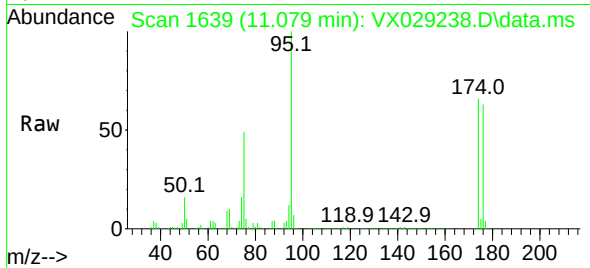




#76
1,2,3-Trichloropropane
Concen: 25.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

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

Tgt Ion: 75 Resp: 141733
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029238.D
Acq: 06 Jun 2022 14:47

Tgt Ion: 75 Resp: 141733
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

