

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021988.D
 Acq On : 14 May 2021 12:24
 Operator : JC/MD
 Sample : M2383-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 15 01:03:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

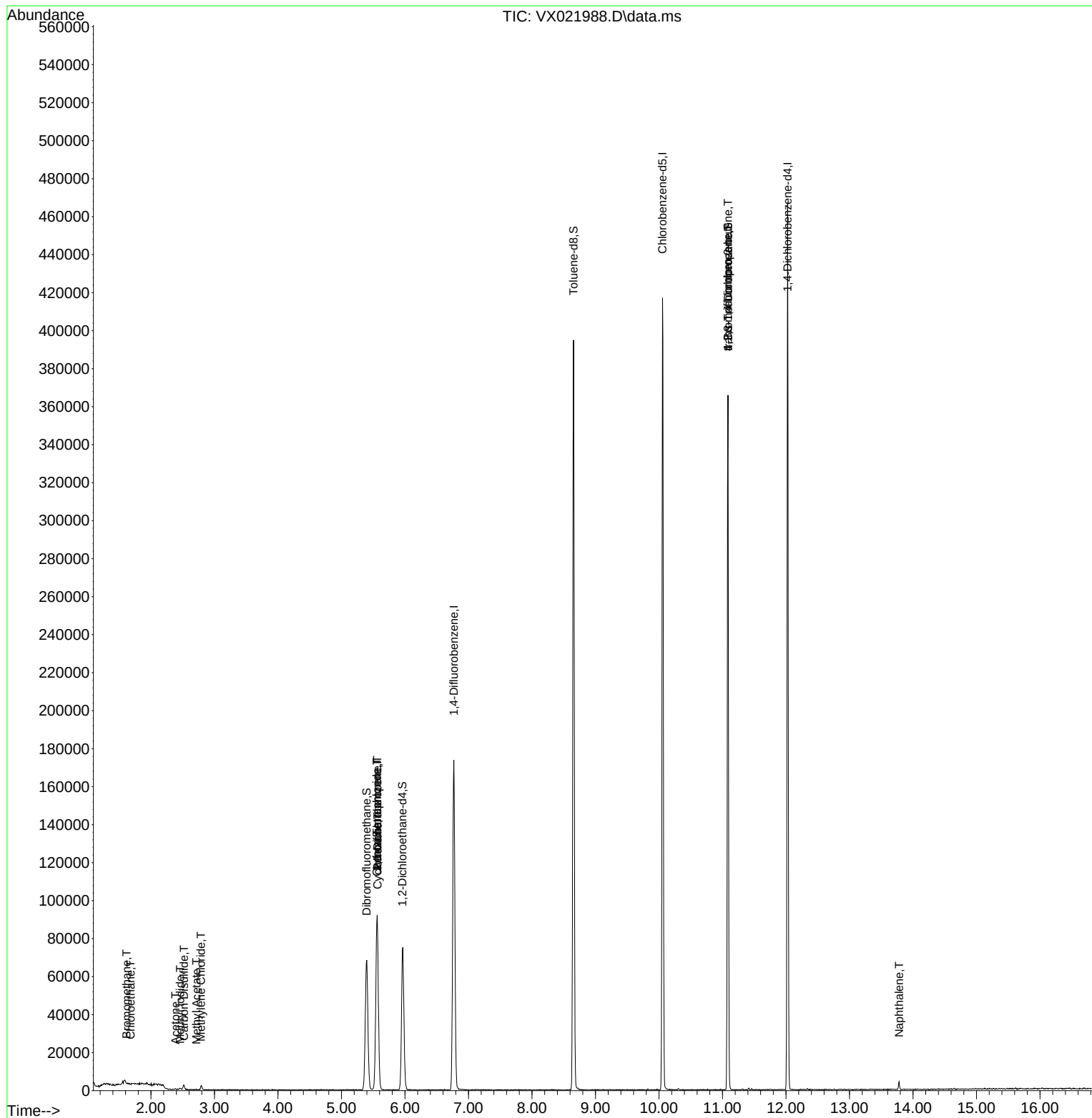
Internal Standards						
1) Pentafluorobenzene	5.562	168	79273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67805	51.97	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.94%	
35) Dibromofluoromethane	5.397	113	58802	48.56	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.12%	
50) Toluene-d8	8.653	98	231862	50.17	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.34%	
62) 4-Bromofluorobenzene	11.085	95	101628	55.72	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.44%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	282	0.53	ug/l #	72
6) Chloroethane	1.679	64	252	0.33	ug/l #	43
10) Methyl Iodide	2.459	142	944	0.78	ug/l #	82
13) Acrolein	2.215	56	55	Below Cal	#	14
16) Acetone	2.386	43	605	1.03	ug/l #	83
17) Carbon Disulfide	2.520	76	3149	1.05	ug/l	98
18) Methyl Acetate	2.715	43	377	0.23	ug/l #	47
20) Methylene Chloride	2.788	84	902	0.89	ug/l	85
31) Cyclohexane	5.568	56	2100	1.22	ug/l #	30
36) 1,1-Dichloropropene	5.562	75	7890	4.21	ug/l #	48
38) Carbon Tetrachloride	5.556	117	9146	4.88	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	51407	21.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51407	48.75	ug/l #	12
95) Naphthalene	13.780	128	2291	0.30	ug/l #	92

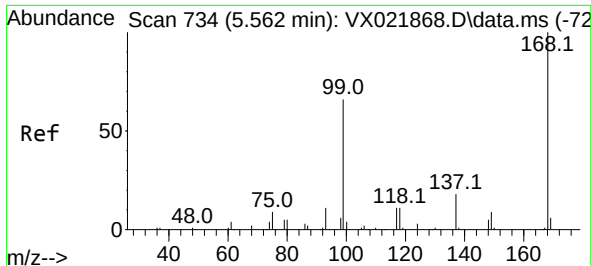
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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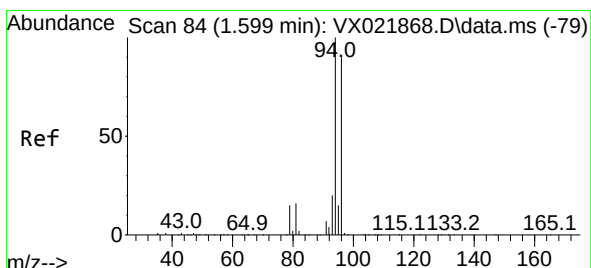
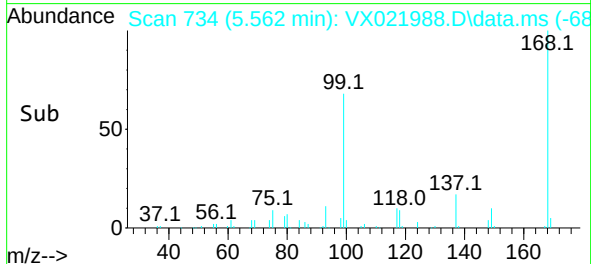
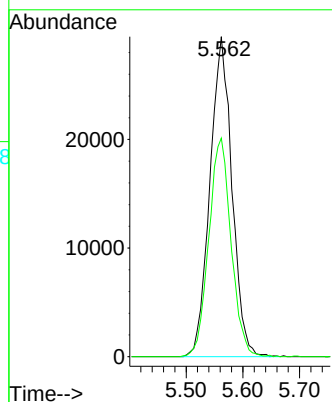
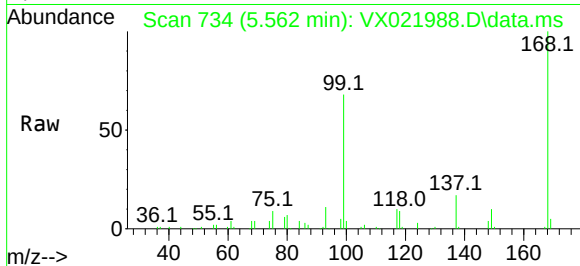




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

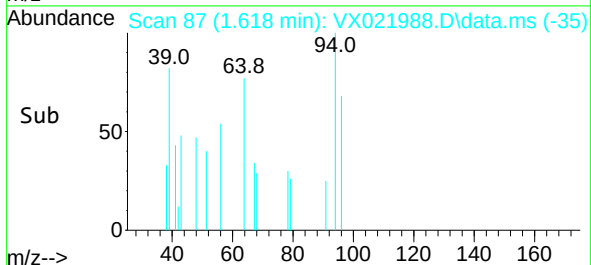
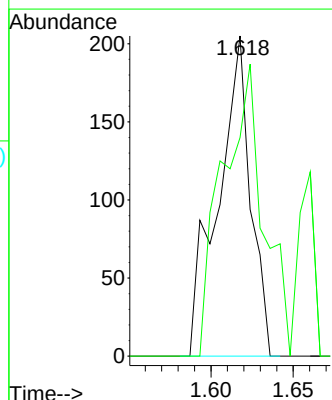
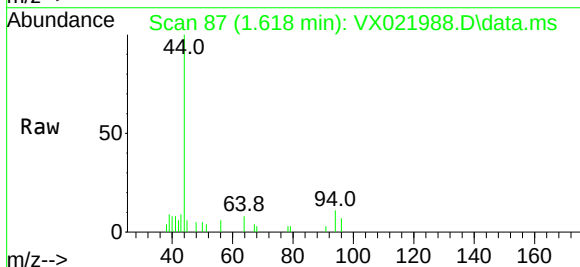
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

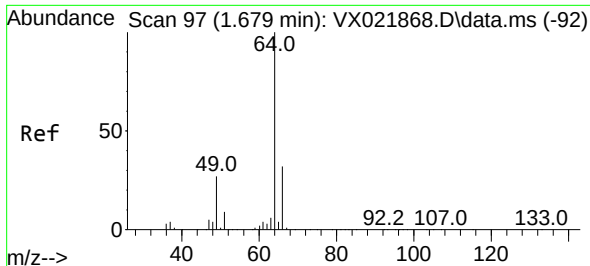
Tgt Ion:168 Resp: 79273
Ion Ratio Lower Upper
168 100
99 68.3 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 68.3 76.4 114.6#

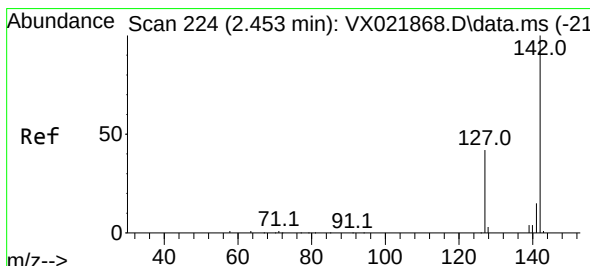
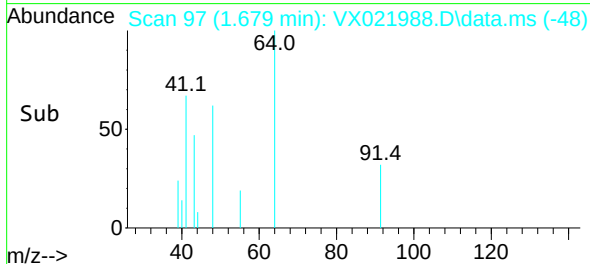
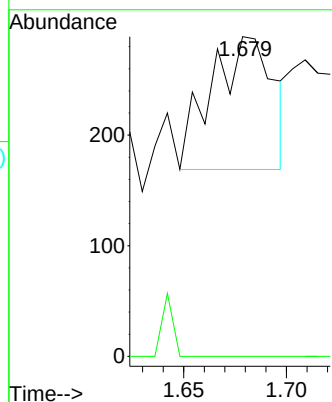
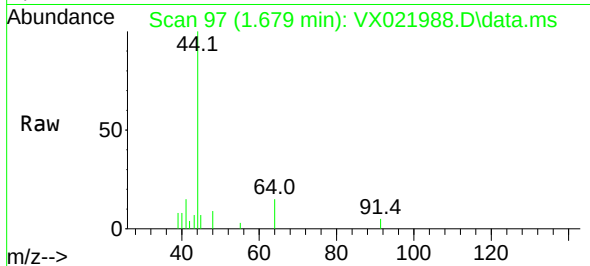




#6
Chloroethane
Concen: 0.33 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

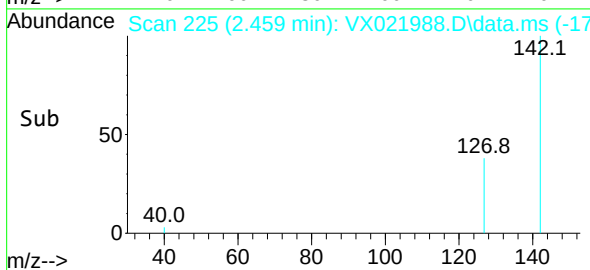
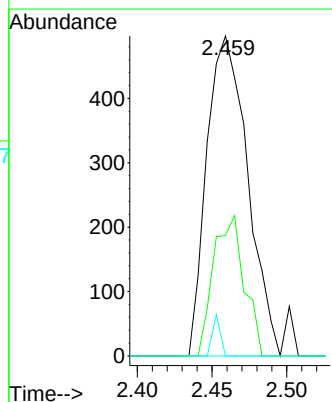
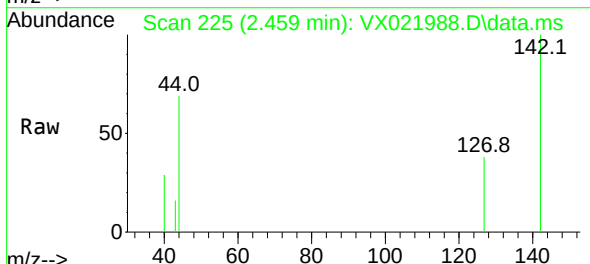
Instrument :
MSVOA_X
ClientSampled :
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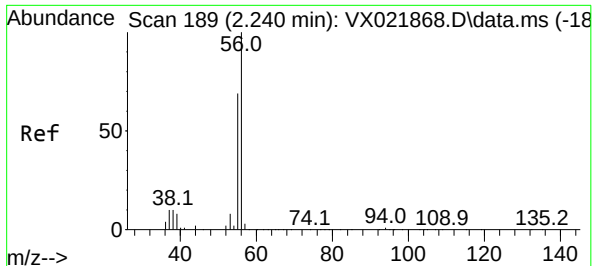
Tgt Ion: 64 Resp: 252
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.78 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion: 142 Resp: 944
Ion Ratio Lower Upper
142 100
127 32.9 33.3 49.9#
141 2.4 11.4 17.0#

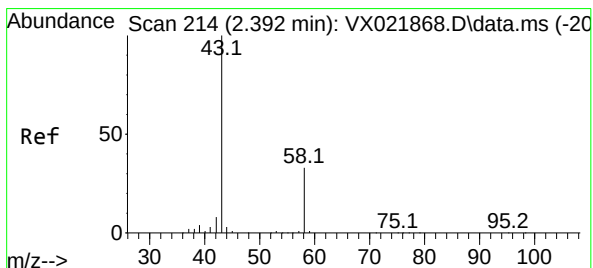
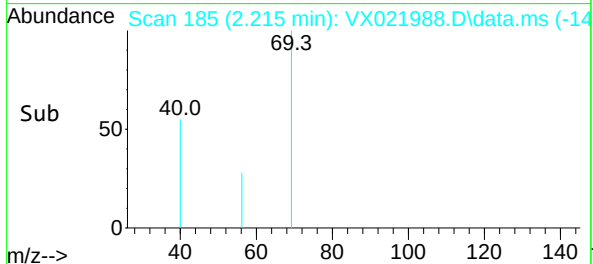
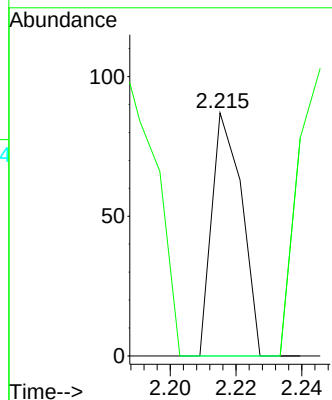
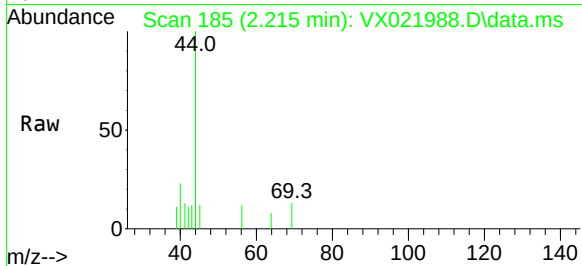




#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.025 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

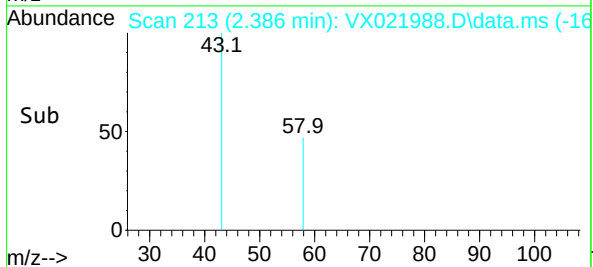
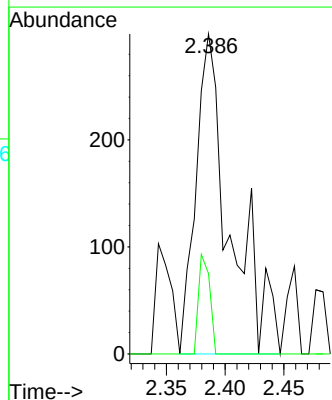
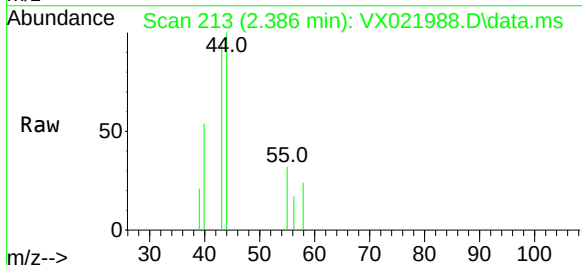
Instrument :
MSVOA_X
ClientSampleId :
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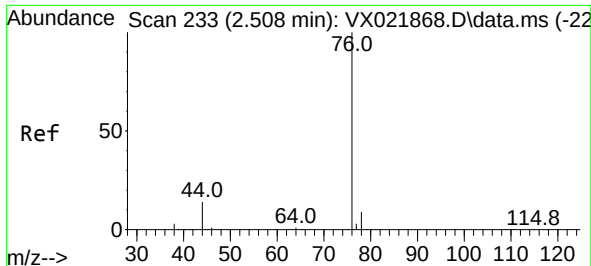
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.03 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#

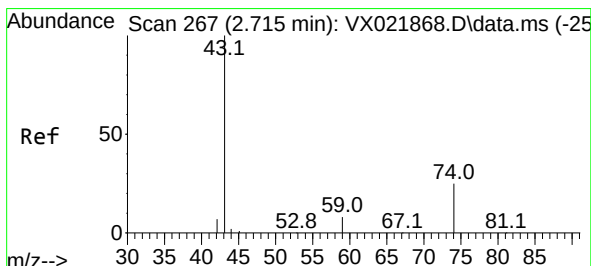
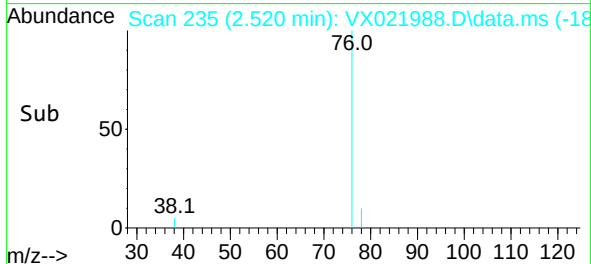
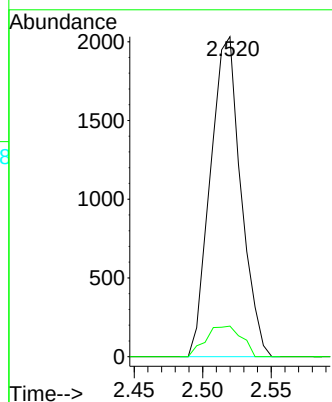
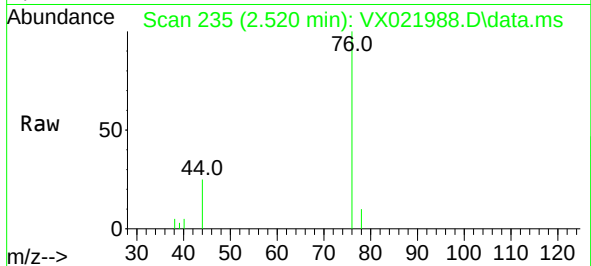




#17
Carbon Disulfide
Concen: 1.05 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

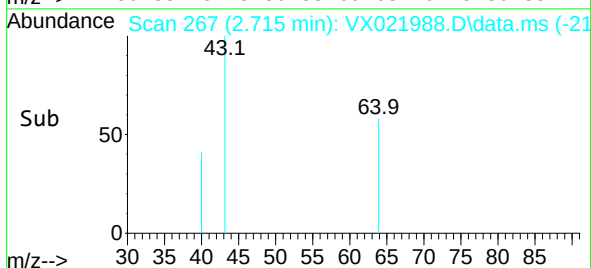
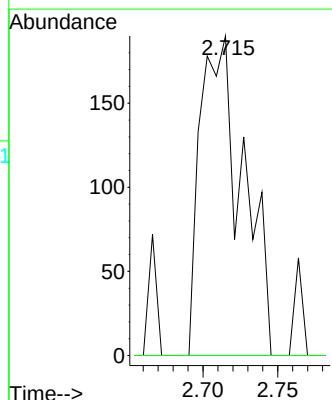
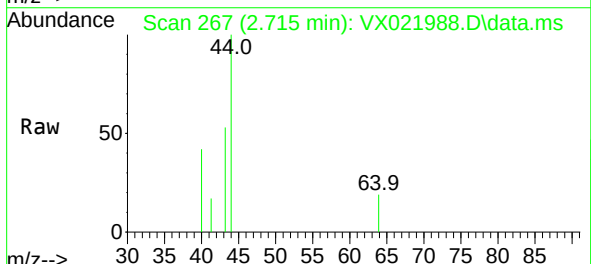
Instrument :
MSVOA_X
ClientSampled :
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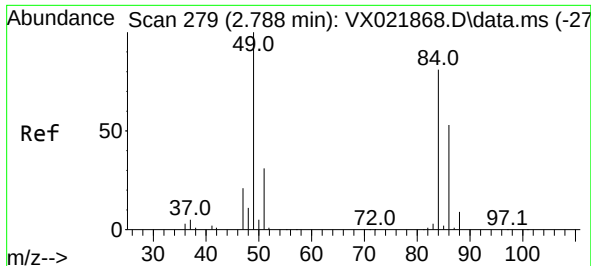
Tgt Ion: 76 Resp: 3149
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

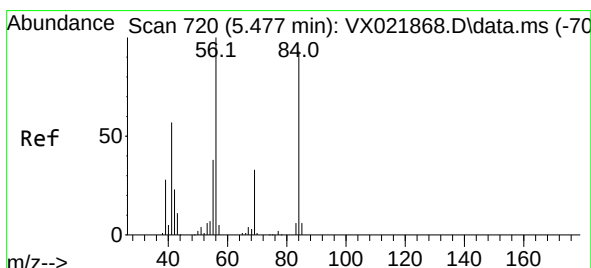
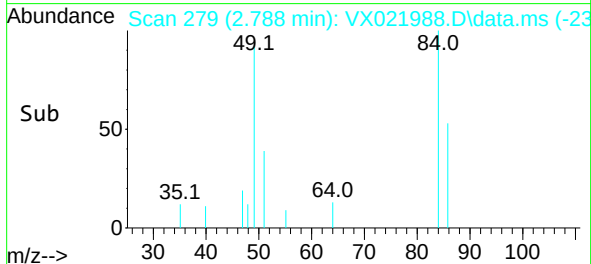
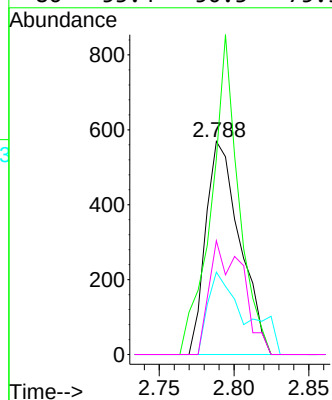
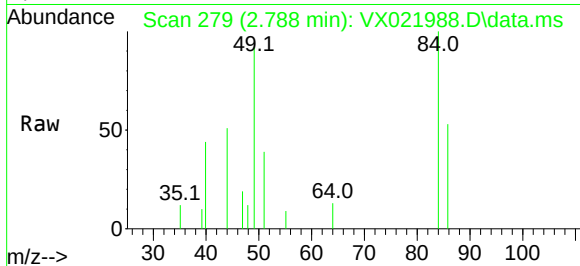




#20
Methylene Chloride
Concen: 0.89 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

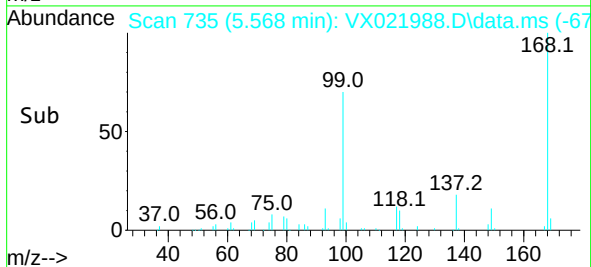
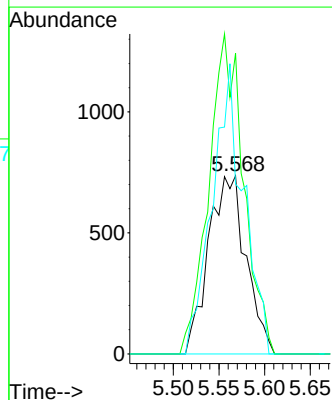
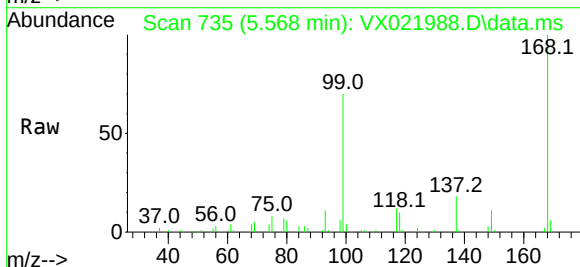
Instrument :
MSVOA_X
ClientSampled :
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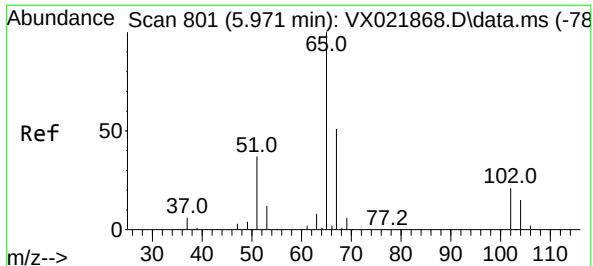
Tgt Ion:	84	Resp:	902
Ion	Ratio	Lower	Upper
84	100		
49	91.7	88.6	132.8
51	38.7	27.0	40.6
86	53.4	50.3	75.5



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion:	56	Resp:	2100
Ion	Ratio	Lower	Upper
56	100		
69	168.9	25.3	37.9#
84	95.4	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 51.97 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.013 min

Lab File: VX021988.D

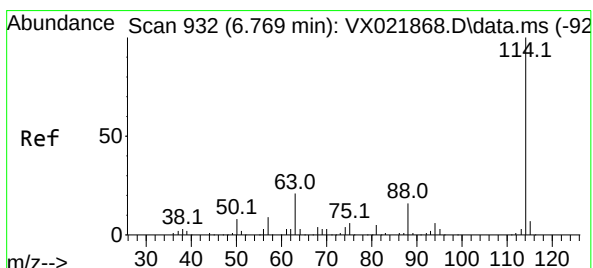
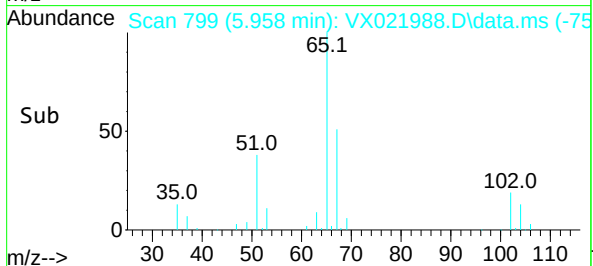
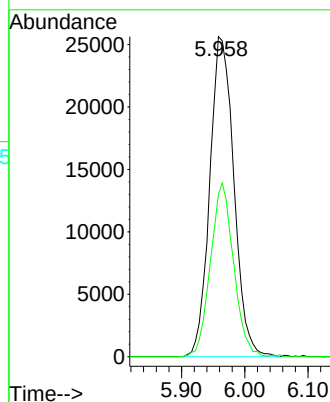
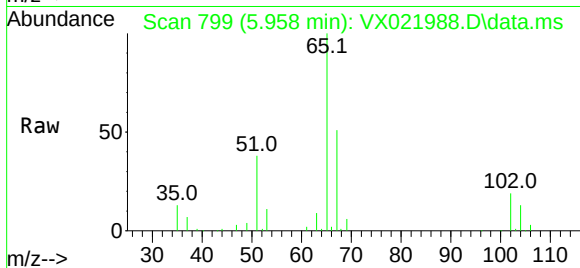
Acq: 14 May 2021 12:24

Tgt Ion: 65 Resp: 67805

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX021988.D

Acq: 14 May 2021 12:24

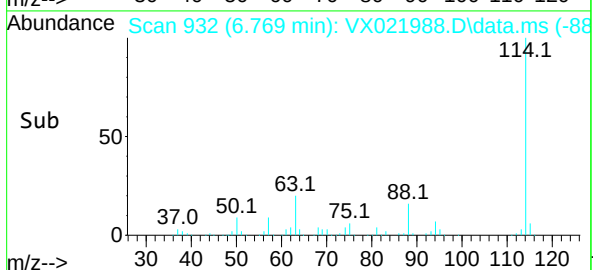
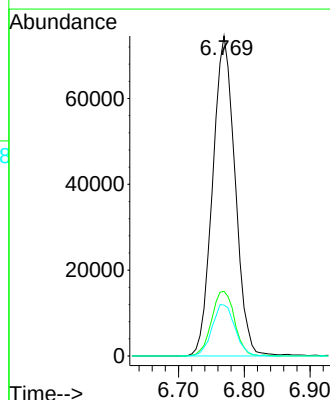
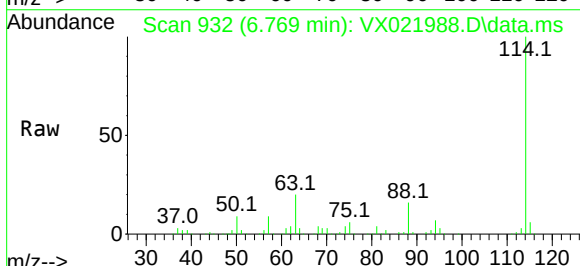
Tgt Ion: 114 Resp: 176713

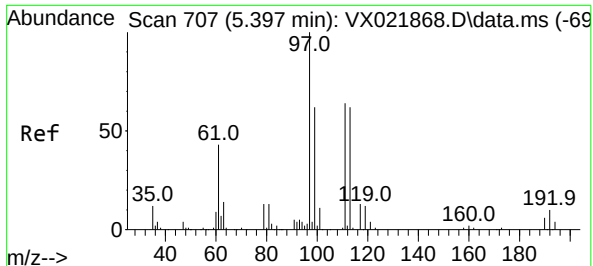
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.56 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX021988.D

Acq: 14 May 2021 12:24

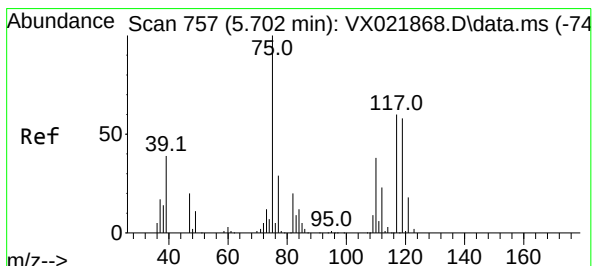
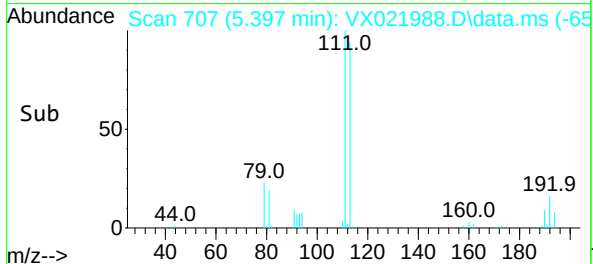
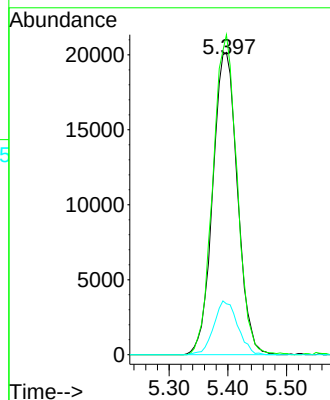
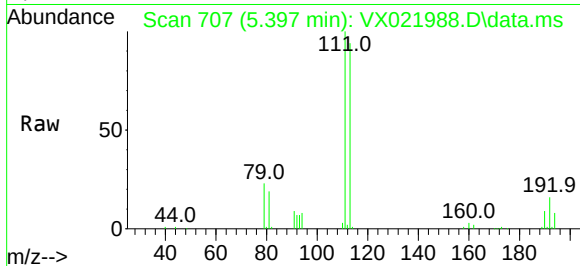
Tgt Ion:113 Resp: 58802

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 17.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.21 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX021988.D

Acq: 14 May 2021 12:24

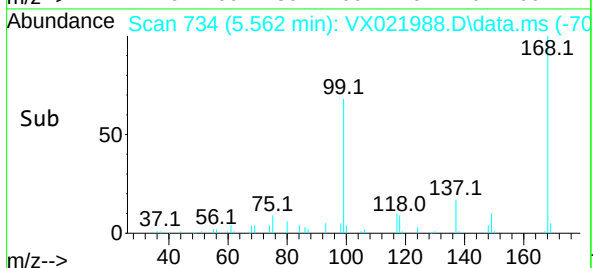
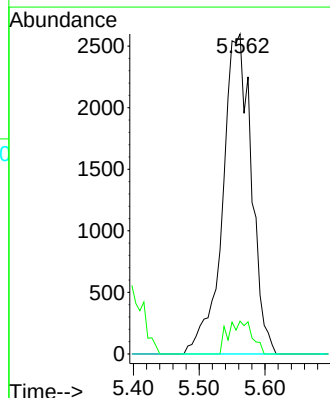
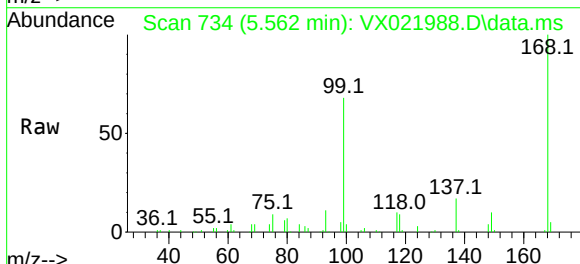
Tgt Ion: 75 Resp: 7890

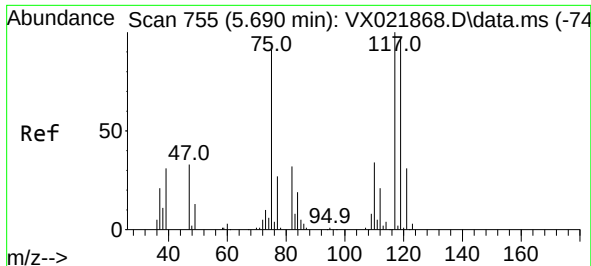
Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.4#

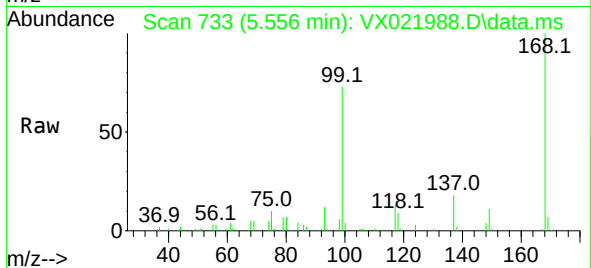
77 0.0 25.3 37.9#



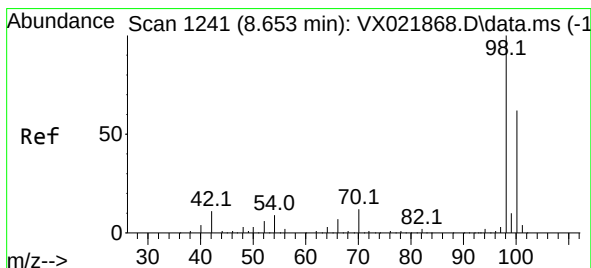
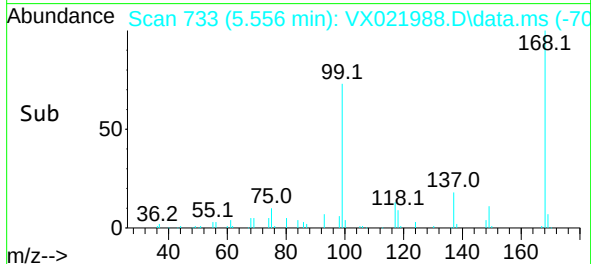
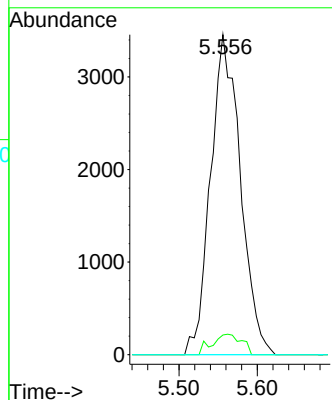


#38
Carbon Tetrachloride
Concen: 4.88 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Instrument :
MSVOA_X
ClientSampleId :
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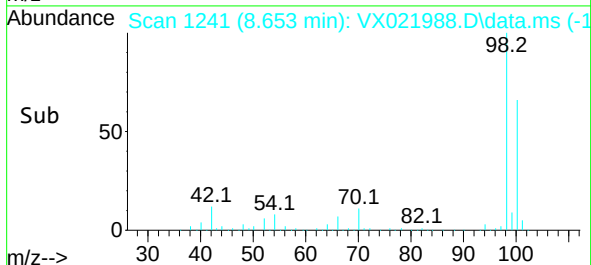
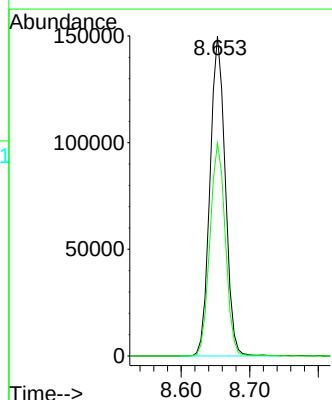
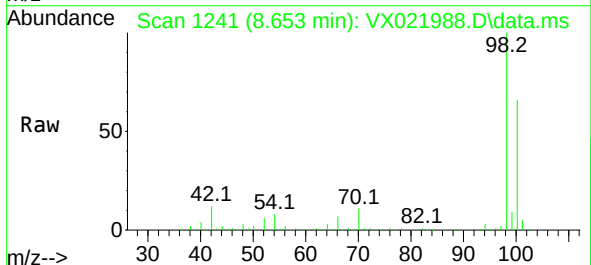


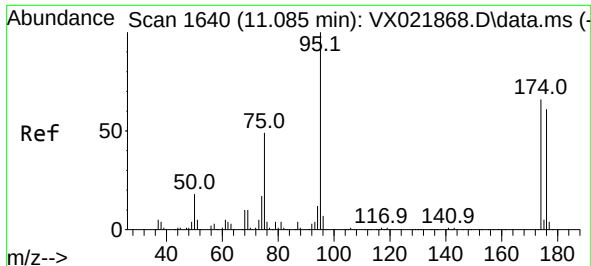
Tgt Ion:117 Resp: 9146
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.17 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion: 98 Resp: 231862
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9

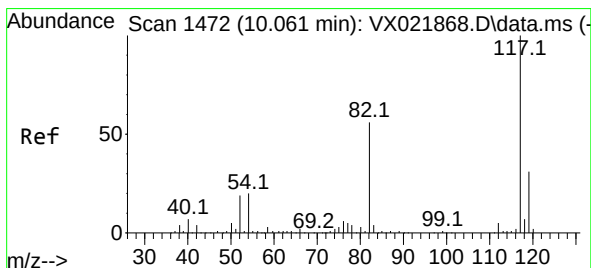
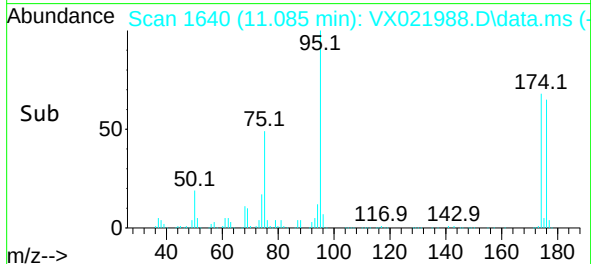
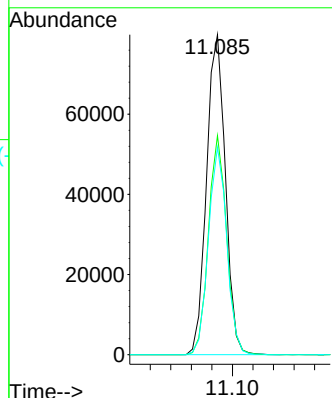
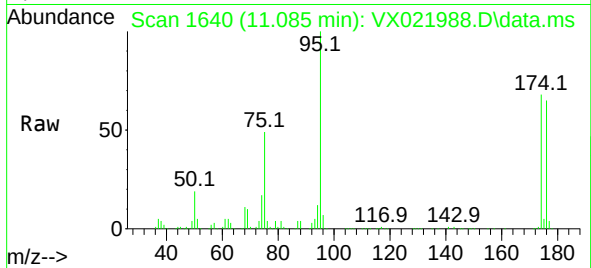




#62
4-Bromofluorobenzene
Concen: 55.72 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

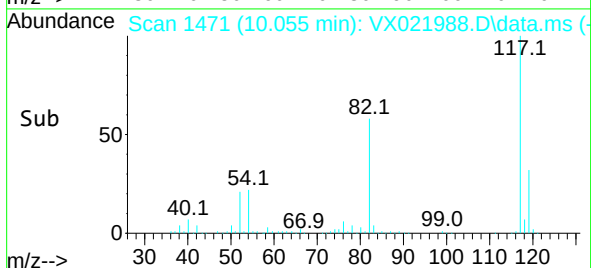
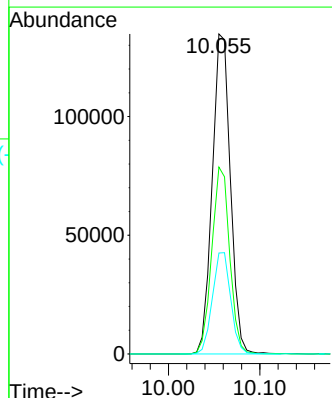
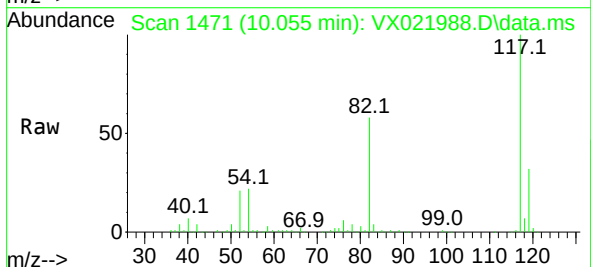
Instrument :
MSVOA_X
ClientSampleId :
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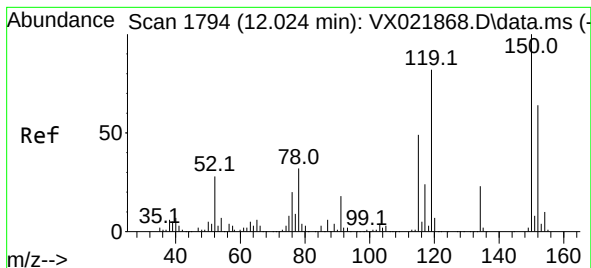
Tgt Ion: 95 Resp: 101628
Ion Ratio Lower Upper
95 100
174 65.9 0.0 154.6
176 63.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion: 117 Resp: 185594
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.5 26.6 39.8

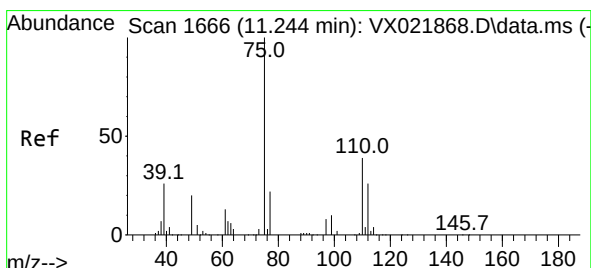
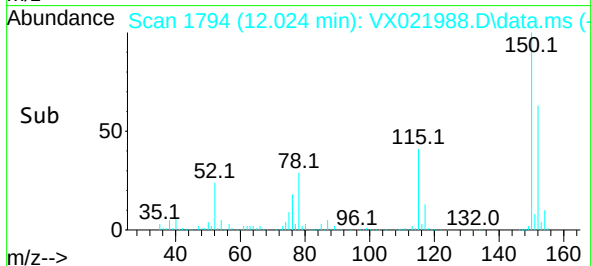
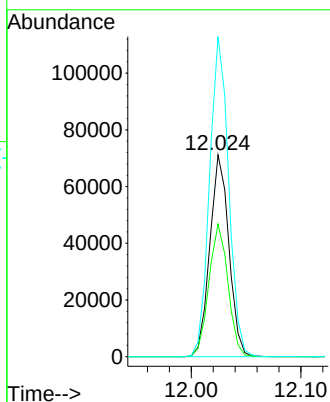
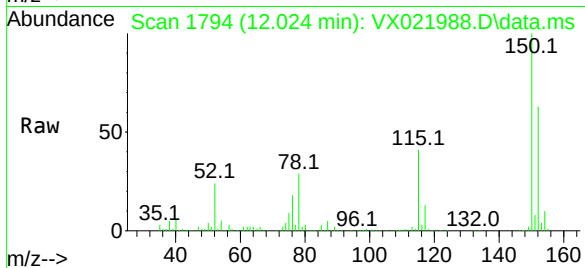




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX021988.D
 Acq: 14 May 2021 12:24

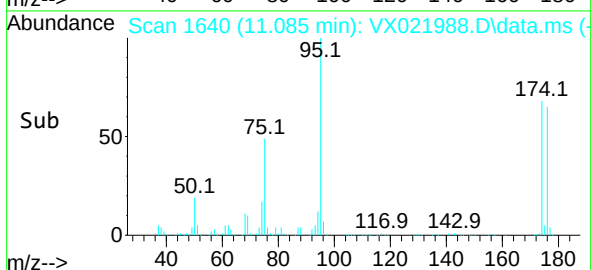
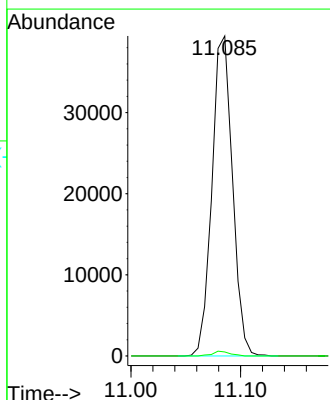
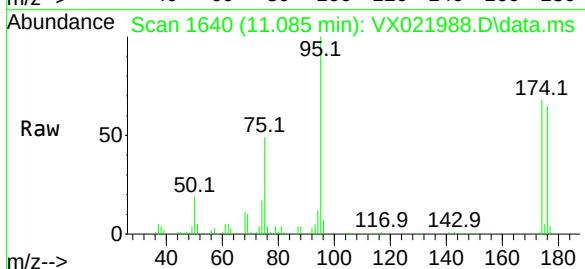
Instrument :
 MSVOA_X
 ClientSampled :
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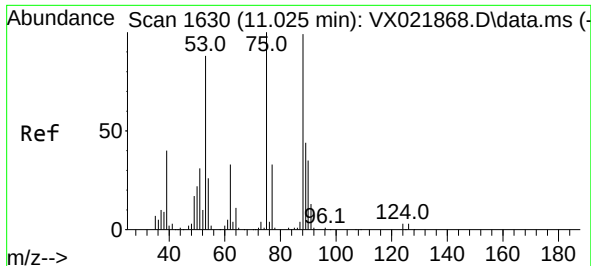
Tgt Ion:152 Resp: 86033
 Ion Ratio Lower Upper
 152 100
 115 65.7 41.1 123.3
 150 158.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.02 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX021988.D
 Acq: 14 May 2021 12:24

Tgt Ion: 75 Resp: 51407
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

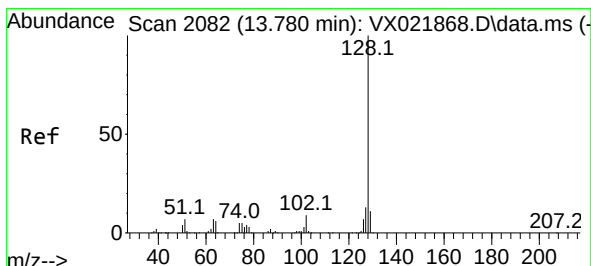
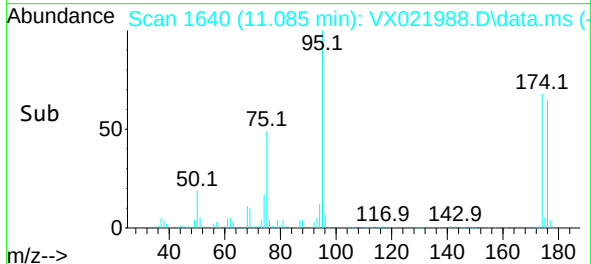
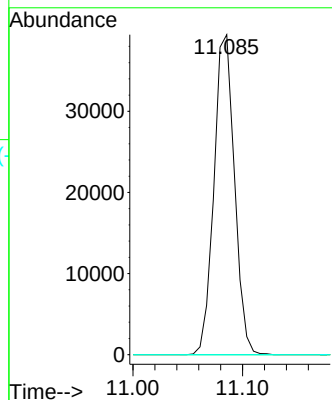
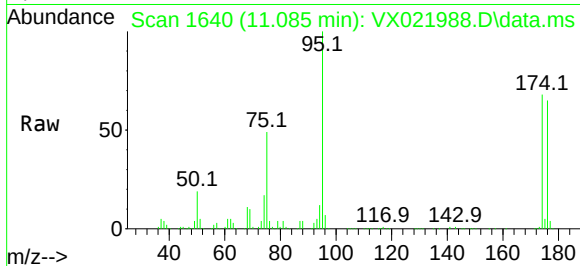




#81
trans-1,4-Dichloro-2-butene
Concen: 48.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 51407
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.30 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021988.D
Acq: 14 May 2021 12:24

Tgt Ion: 128 Resp: 2291
Ion Ratio Lower Upper
128 100
127 15.5 10.3 15.5#
129 14.8 8.8 13.2#

