

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021964.D
 Acq On : 13 May 2021 14:09
 Operator : JC/MD
 Sample : M2383-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 14 04:36:01 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)

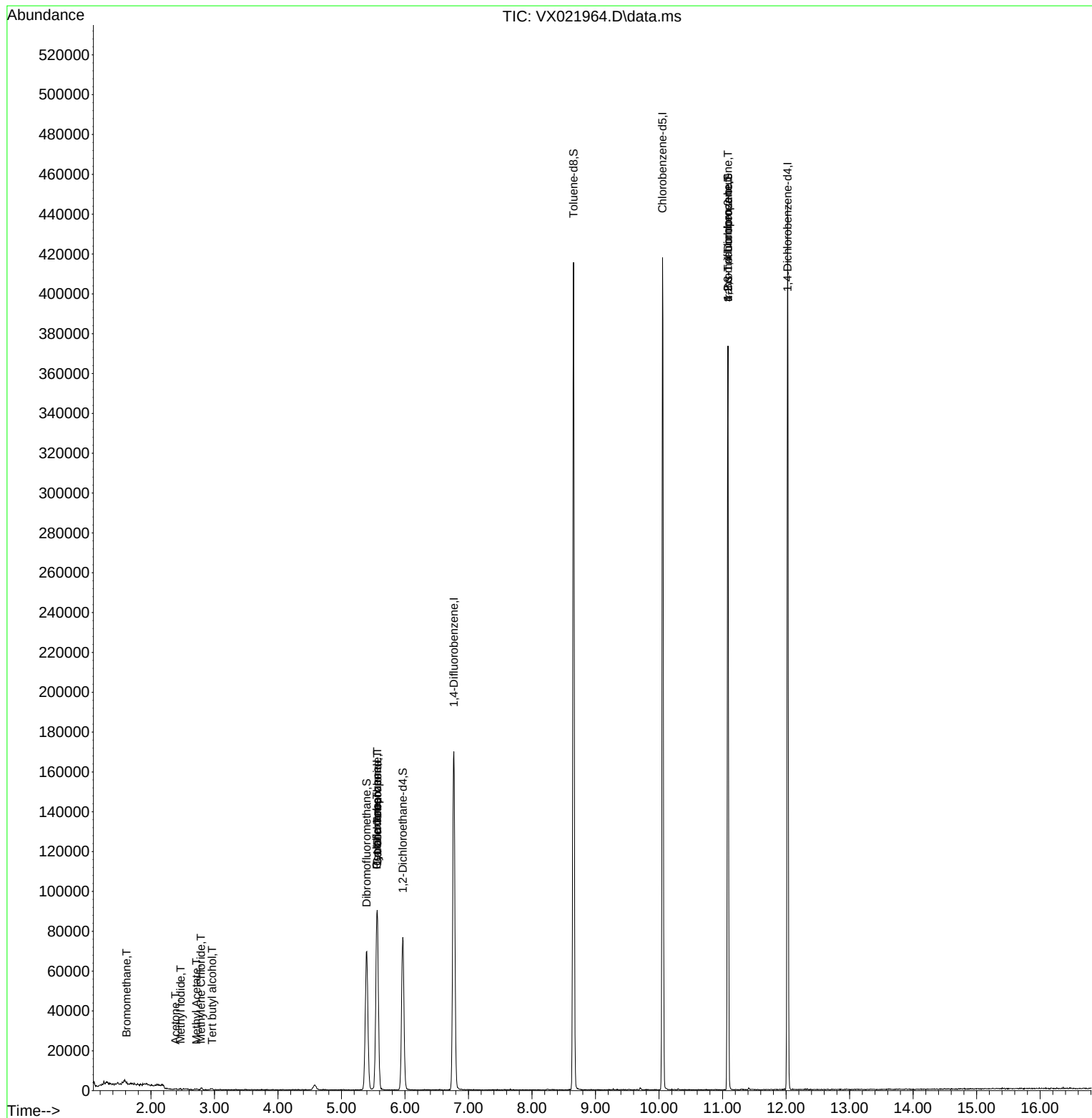
Internal Standards						
1) Pentafluorobenzene	5.556	168	79387	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	176291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	71539	54.76	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	109.52%		
35) Dibromofluoromethane	5.397	113	60249	49.87	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.74%		
50) Toluene-d8	8.653	98	240124	52.08	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.16%		
62) 4-Bromofluorobenzene	11.085	95	103333	56.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.58%		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	213	0.40	ug/l	# 78
10) Methyl Iodide	2.465	142	445	0.37	ug/l	# 86
11) Tert butyl alcohol	2.965	59	389	1.12	ug/l	# 73
13) Acrolein	2.233	56	19	Below Cal		# 1
16) Acetone	2.386	43	528	0.90	ug/l	# 40
18) Methyl Acetate	2.715	43	466	0.29	ug/l	# 47
20) Methylene Chloride	2.788	84	417	0.49	ug/l	# 81
31) Cyclohexane	5.556	56	2176	1.26	ug/l	# 11
36) 1,1-Dichloropropene	5.562	75	7762	4.15	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	9152	4.90	ug/l	# 17
76) 1,2,3-Trichloropropane	11.085	75	52565	22.11	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	52565	51.28	ug/l	# 12

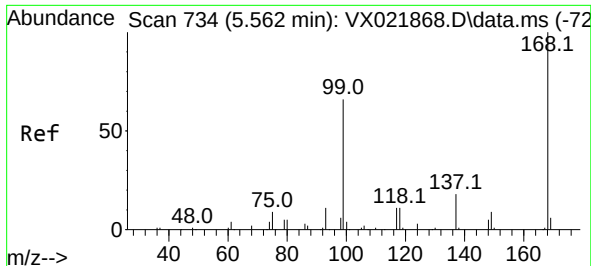
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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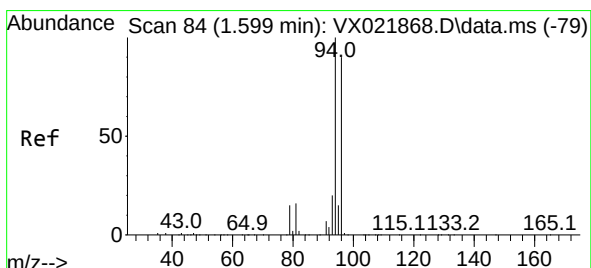
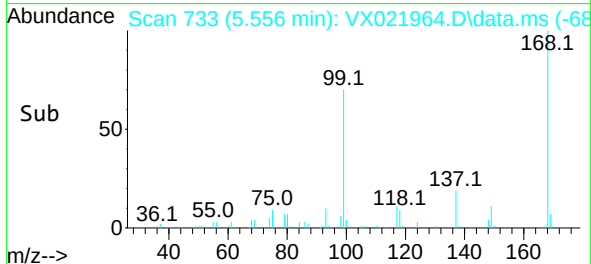
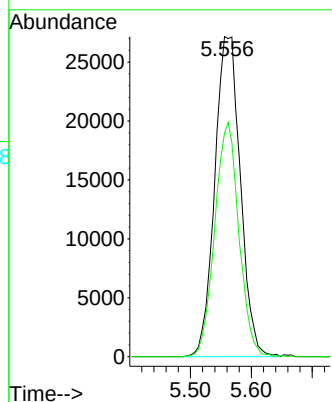
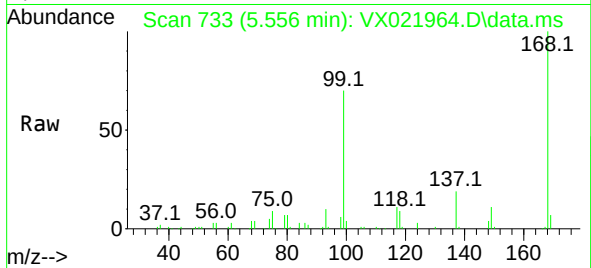




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

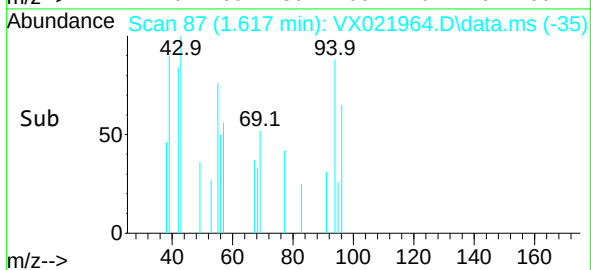
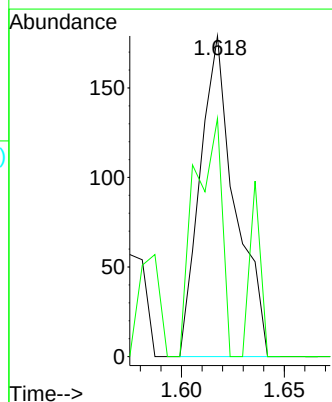
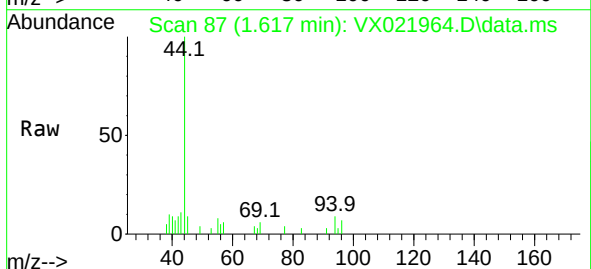
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

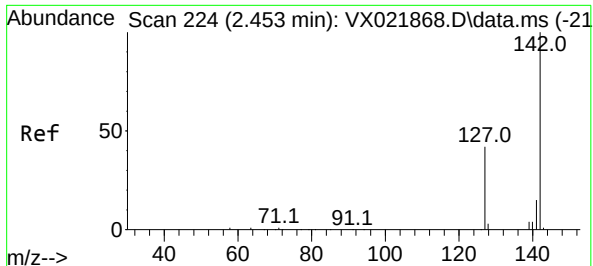
Tgt Ion:168 Resp: 79387
Ion Ratio Lower Upper
168 100
99 69.8 45.8 68.6#



#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

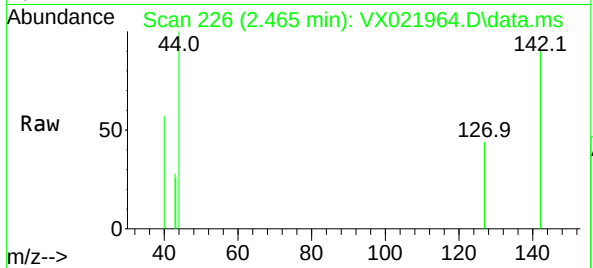
Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 74.3 76.4 114.6#



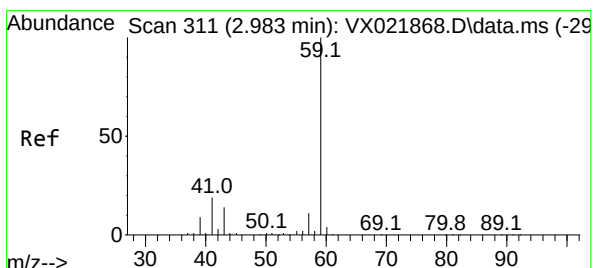
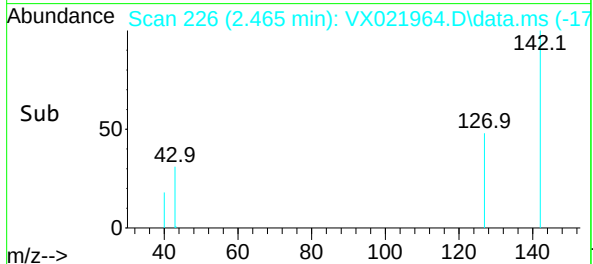
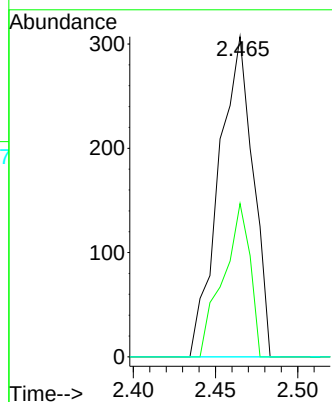


#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

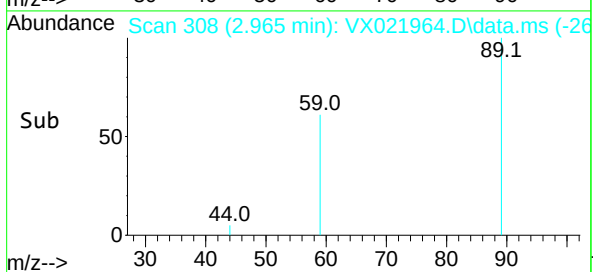
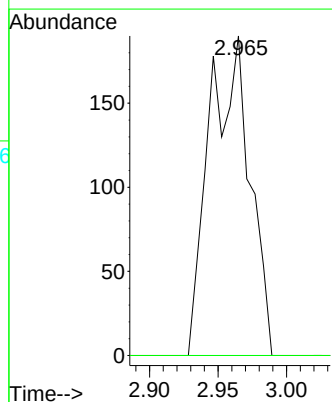
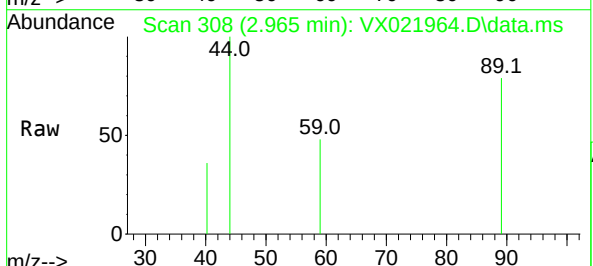


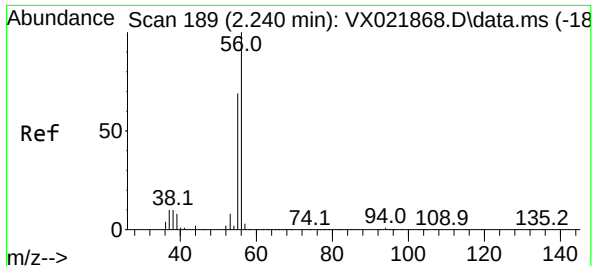
Tgt Ion:142 Resp: 445
Ion Ratio Lower Upper
142 100
127 37.3 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.12 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

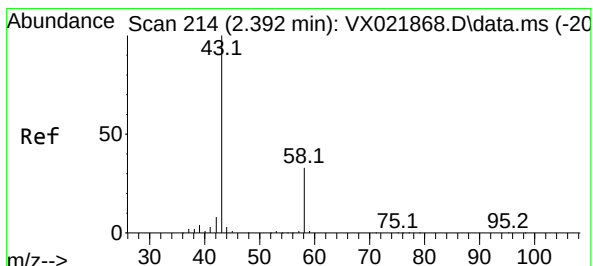
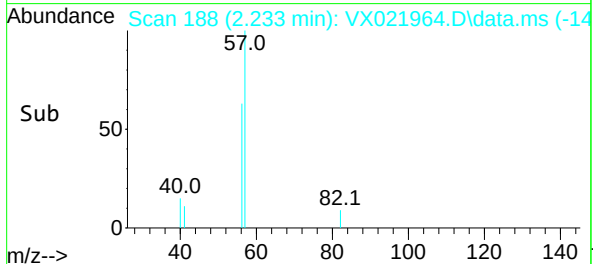
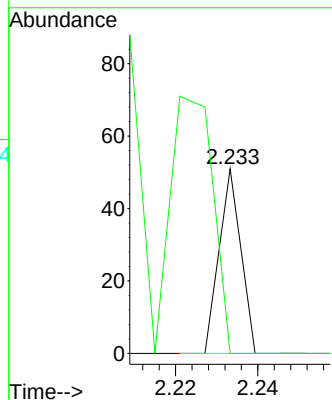
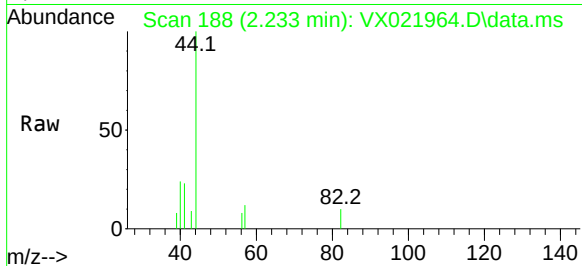




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

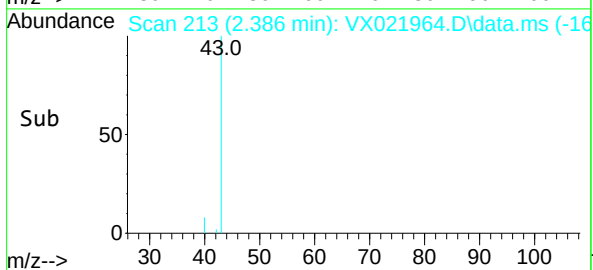
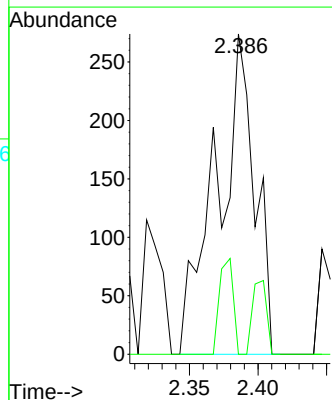
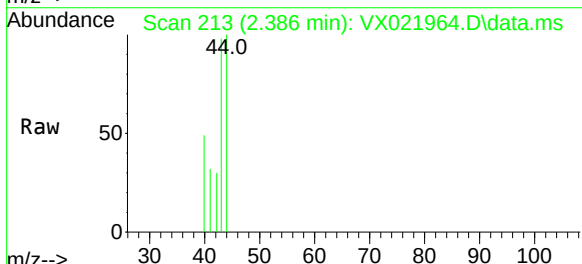
Instrument :
MSVOA_X
ClientSampleId :
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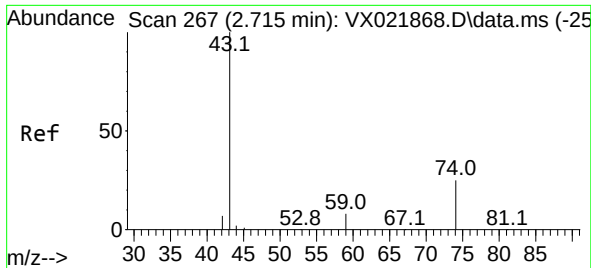
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 268.4 56.4 84.6#



#16
Acetone
Concen: 0.90 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

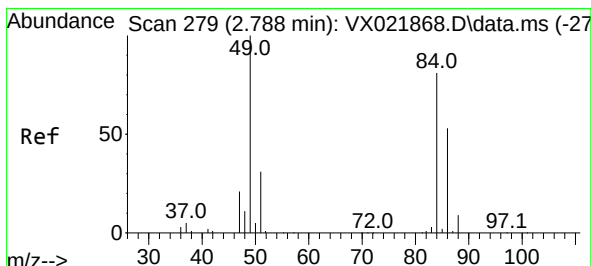
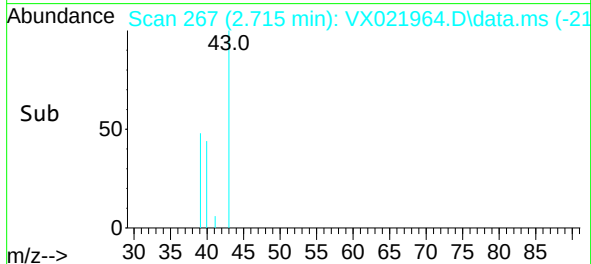
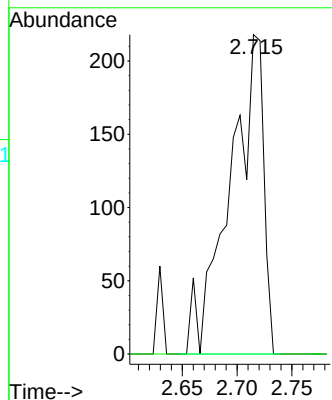
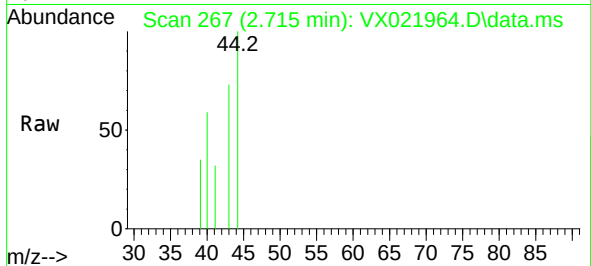




#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

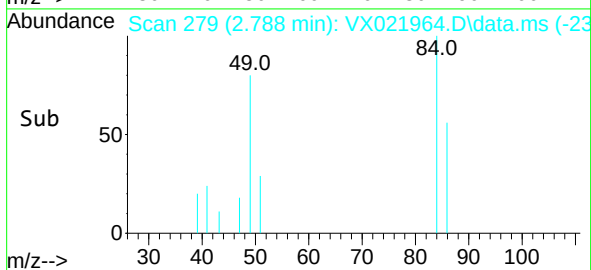
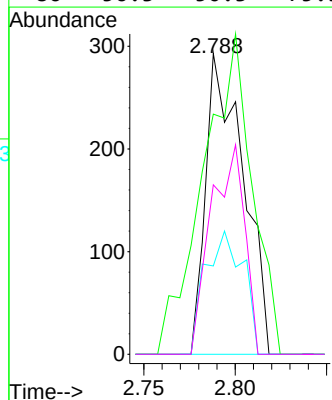
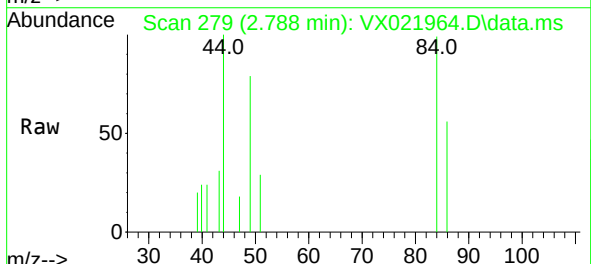
Instrument :
MSVOA_X
ClientSampleId :
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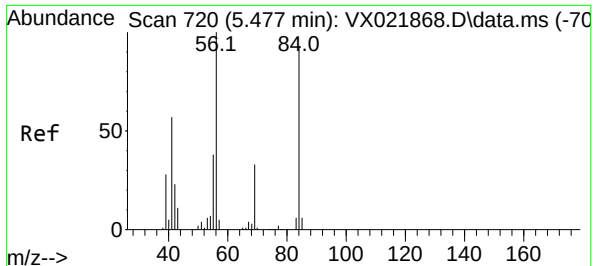
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion: 84 Resp: 417
Ion Ratio Lower Upper
84 100
49 79.9 88.6 132.8#
51 29.4 27.0 40.6
86 56.3 50.3 75.5

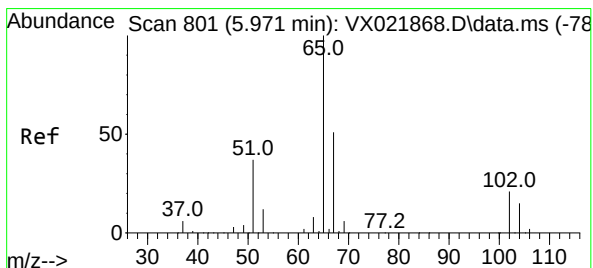
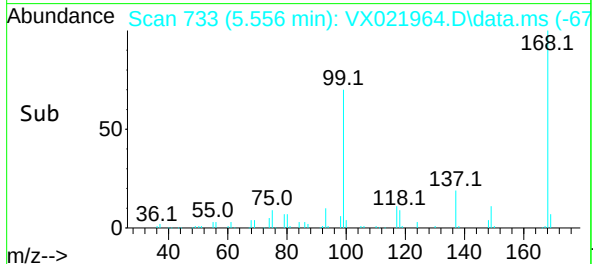
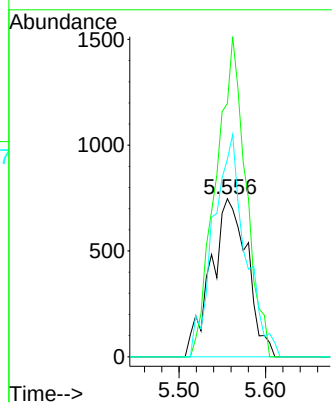
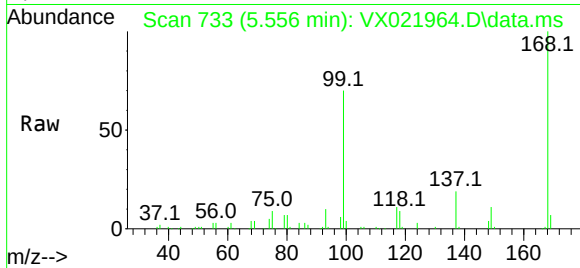




#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

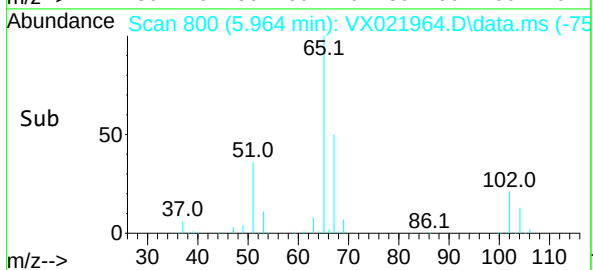
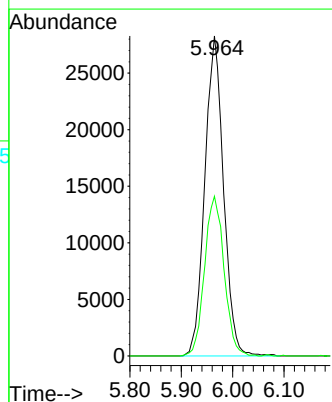
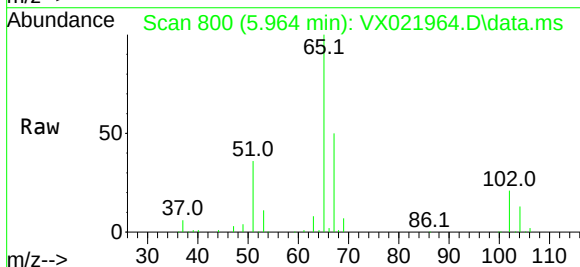
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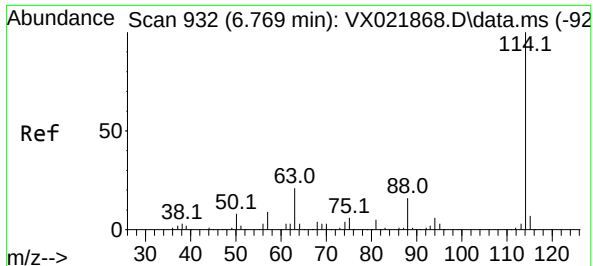
Tgt Ion: 56 Resp: 2176
Ion Ratio Lower Upper
56 100
69 160.4 25.3 37.9#
84 125.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.76 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion: 65 Resp: 71539
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

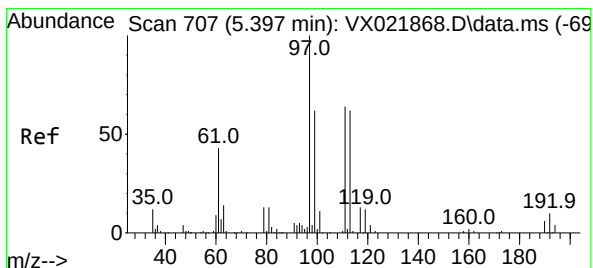
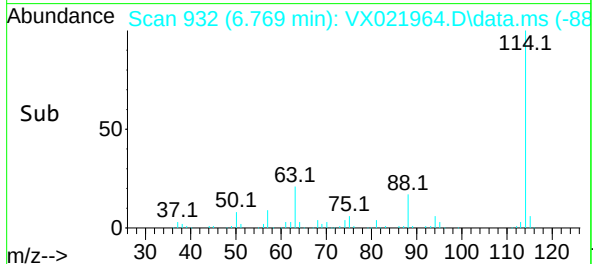
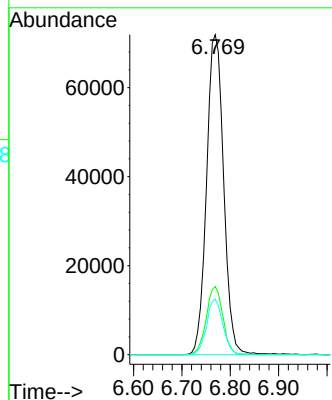
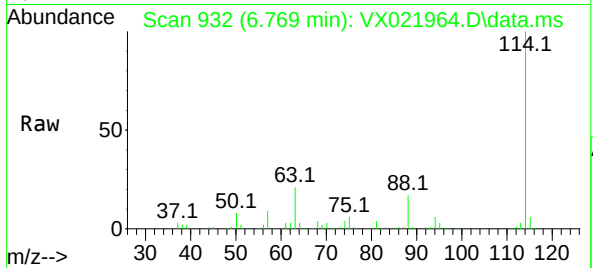




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

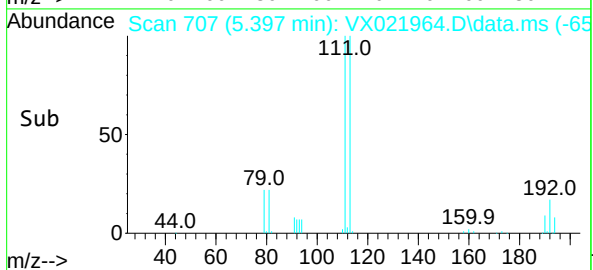
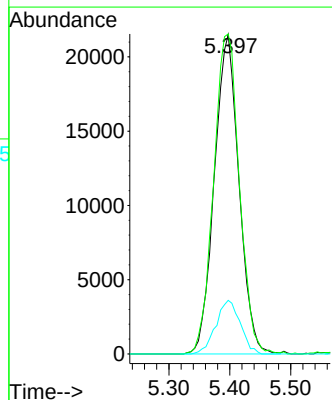
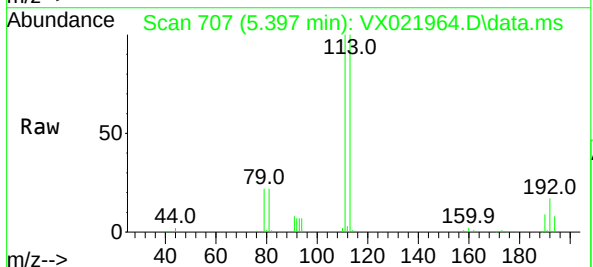
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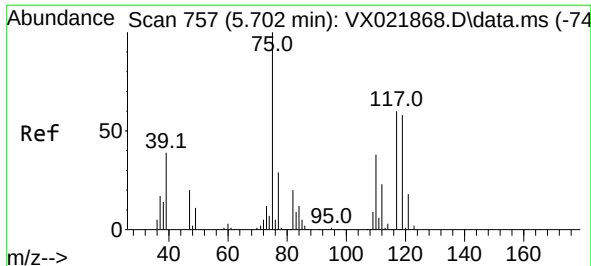
Tgt Ion:114 Resp: 176291
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion:113 Resp: 60249
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 16.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.15 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX021964.D

Acq: 13 May 2021 14:09

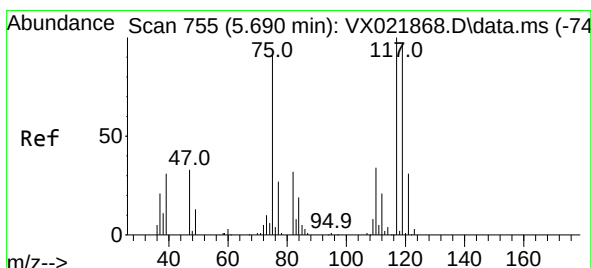
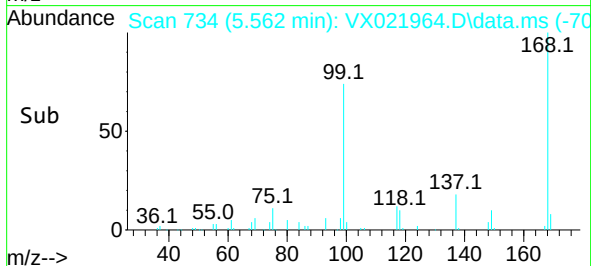
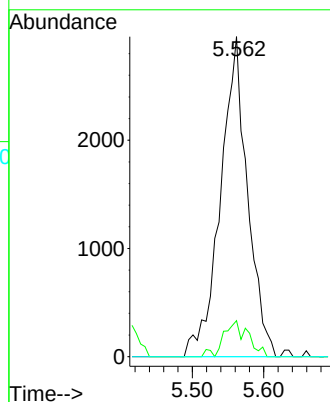
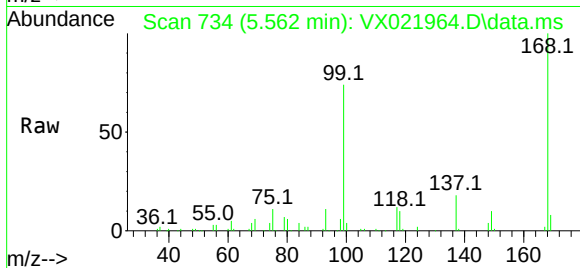
Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:	75	Resp:	7762
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 4.90 ug/l

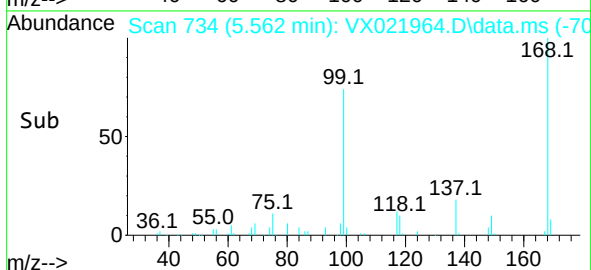
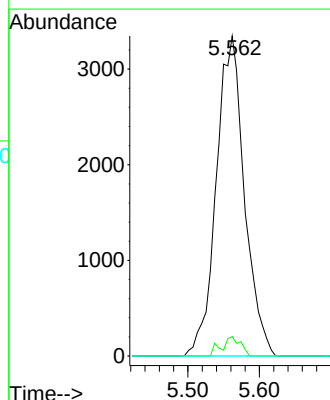
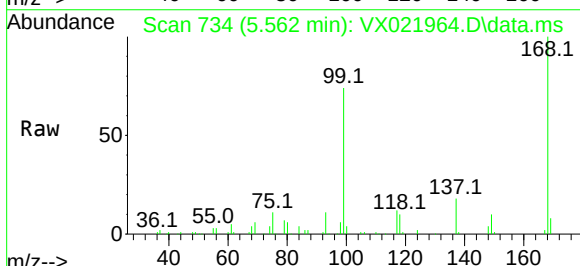
RT: 5.562 min Scan# 734

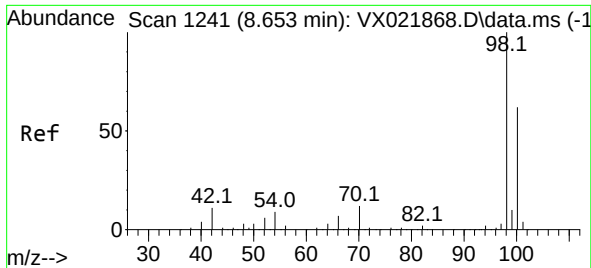
Delta R.T. -0.128 min

Lab File: VX021964.D

Acq: 13 May 2021 14:09

Tgt Ion:	117	Resp:	9152
Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.2	114.2#
121	0.0	24.8	37.2#

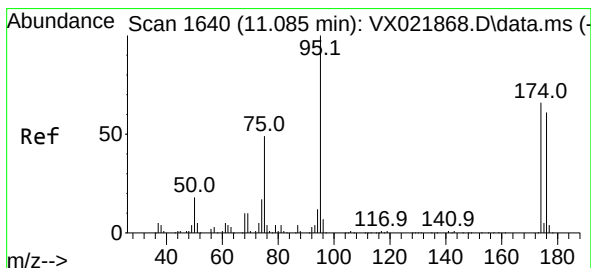
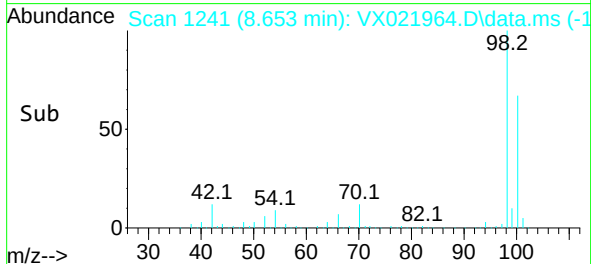
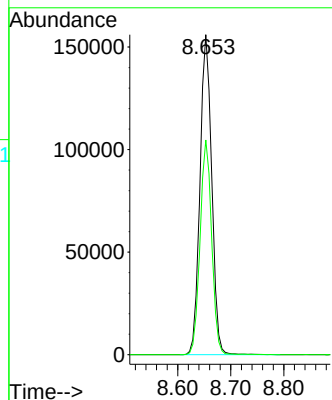
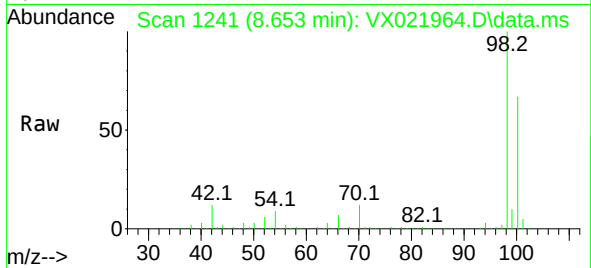




#50
Toluene-d8
Concen: 52.08 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

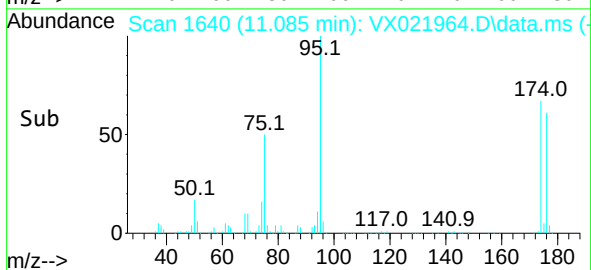
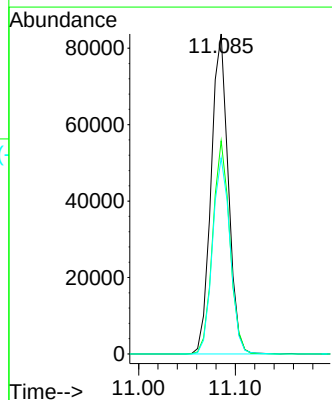
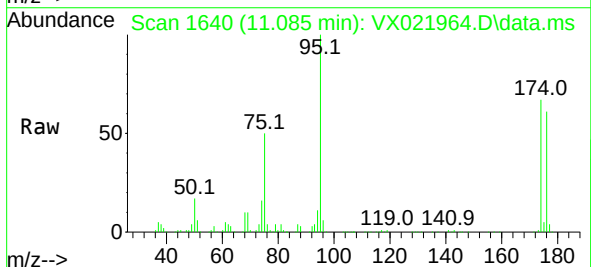
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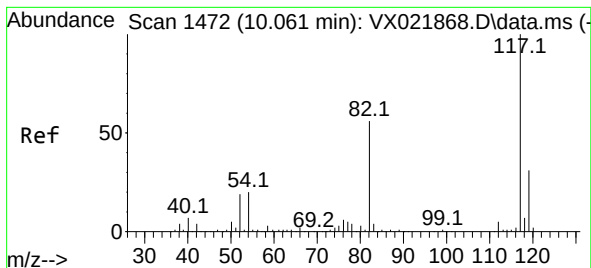
Tgt Ion: 98 Resp: 240124
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.79 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion: 95 Resp: 103333
Ion Ratio Lower Upper
95 100
174 65.9 0.0 154.6
176 62.6 0.0 155.8

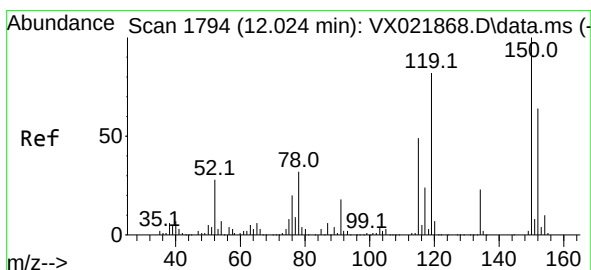
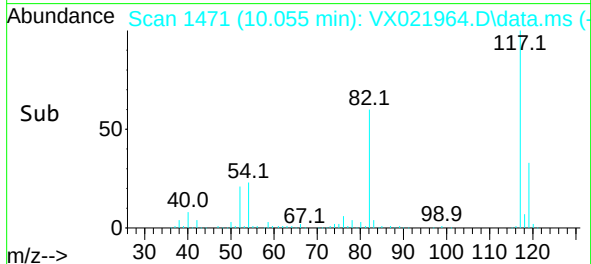
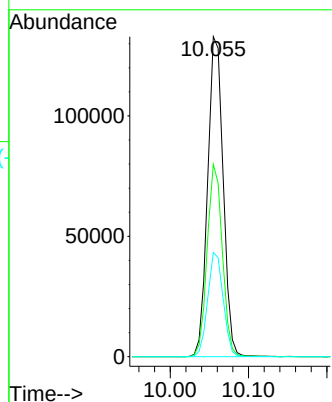
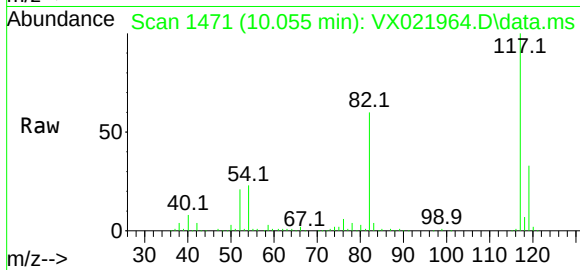




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

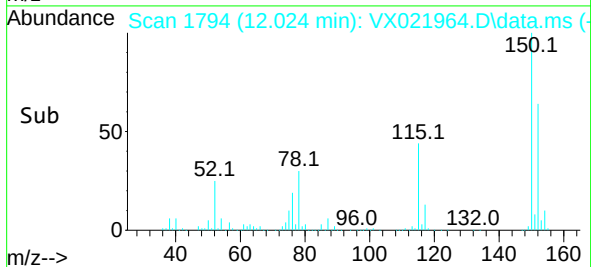
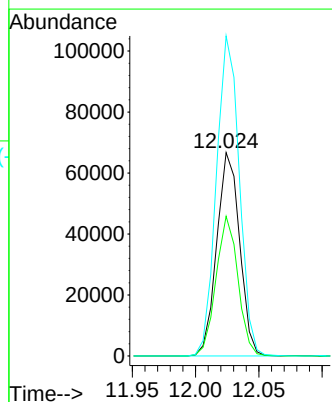
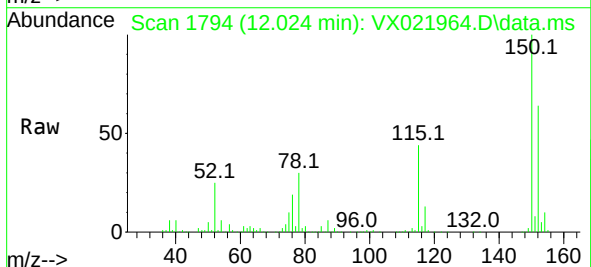
Instrument :
MSVOA_X
ClientSampleId :
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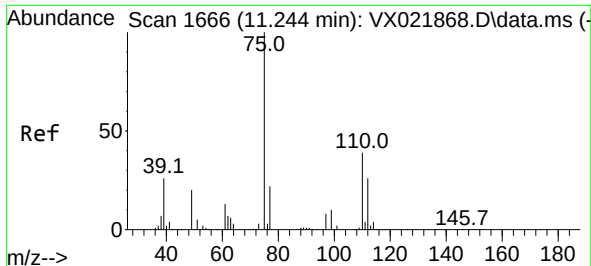
Tgt Ion:117 Resp: 182790
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion:152 Resp: 83639
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 157.8 0.0 349.0

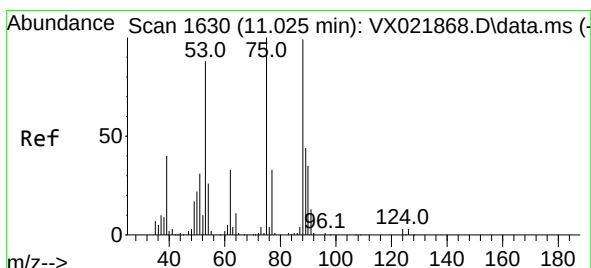
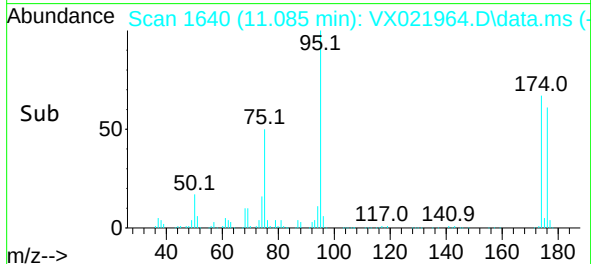
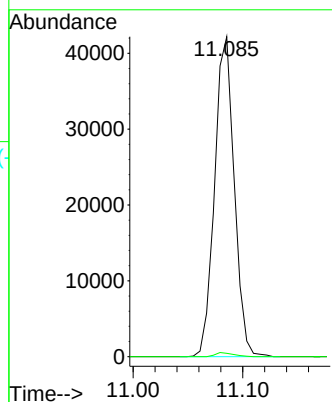
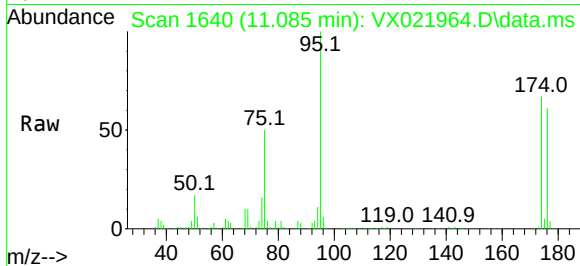




#76
1,2,3-Trichloropropane
Concen: 22.11 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 75 Resp: 52565
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021964.D
Acq: 13 May 2021 14:09

Tgt Ion: 75 Resp: 52565
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

