

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023117.D
 Acq On : 02 Jul 2021 19:05
 Operator : JC/MD
 Sample : M2897-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 05 02:57:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

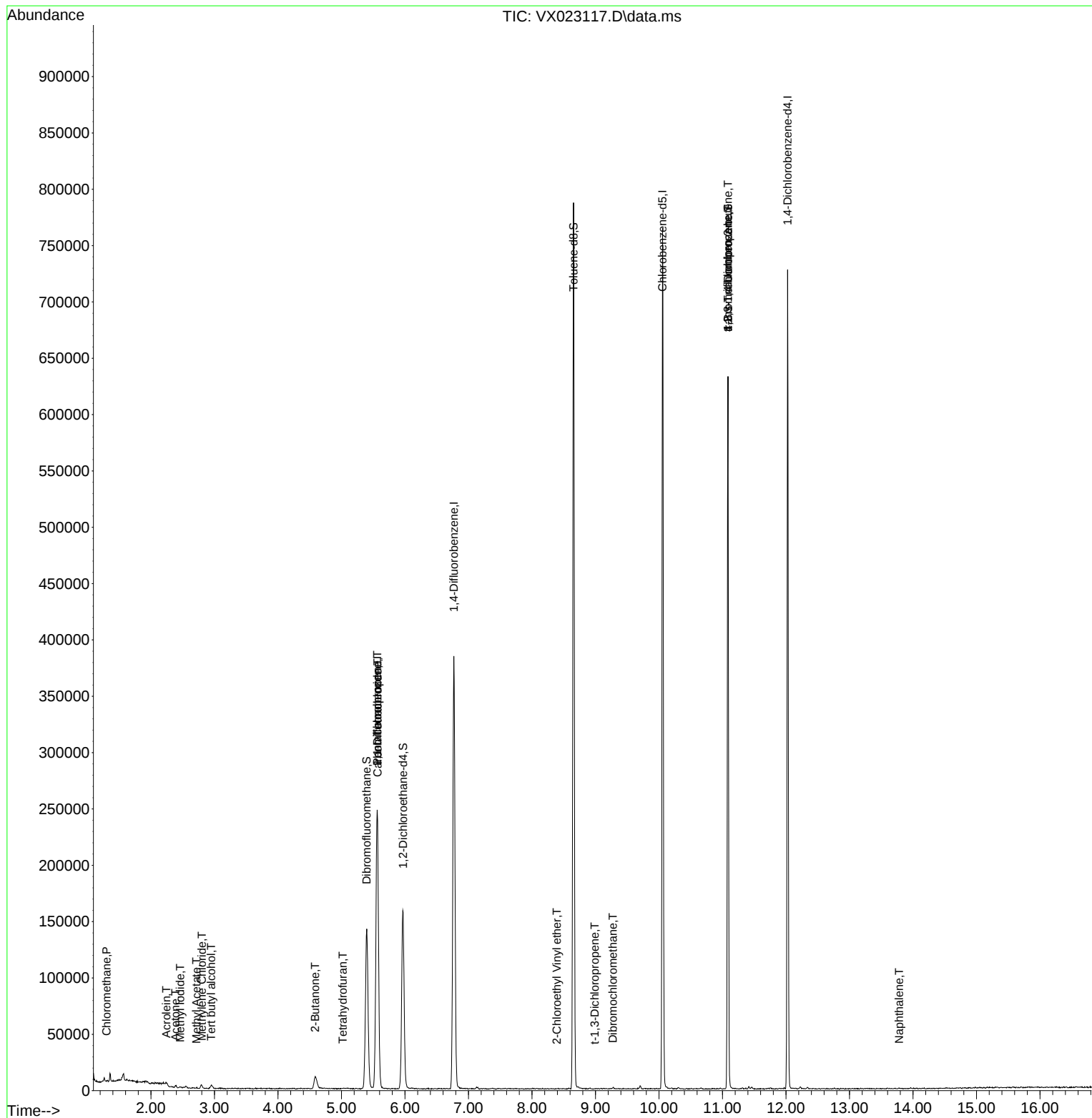
Internal Standards						
1) Pentafluorobenzene	5.562	168	229524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	378656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	160090	51.896	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	103.800%	
35) Dibromofluoromethane	5.397	113	119599	48.912	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.820%	
50) Toluene-d8	8.653	98	453059	49.671	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.340%	
62) 4-Bromofluorobenzene	11.085	95	161590	45.890	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	523	0.254	ug/l #	86
5) Bromomethane	1.612	94	305	Below Cal	#	50
10) Methyl Iodide	2.459	142	795	0.292	ug/l #	76
11) Tert butyl alcohol	2.947	59	1776	2.737	ug/l #	81
13) Acrolein	2.240	56	295	0.683	ug/l	98
16) Acetone	2.386	43	1754	1.437	ug/l #	67
18) Methyl Acetate	2.715	43	607	0.205	ug/l #	71
20) Methylene Chloride	2.800	84	1441	0.548	ug/l	88
25) 2-Butanone	4.587	43	1104	0.600	ug/l #	45
29) Tetrahydrofuran	5.019	42	248	0.210	ug/l #	27
36) 1,1-Dichloropropene	5.562	75	18652	5.525	ug/l #	49
38) Carbon Tetrachloride	5.568	117	24594	6.980	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	97	2.758	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.391	63	22	4.699	ug/l #	45
60) Dibromochloromethane	9.275	129	172	3.167	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	84429	29.110	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	84429	78.302	ug/l #	12
95) Naphthalene	13.780	128	725	1.341	ug/l #	69

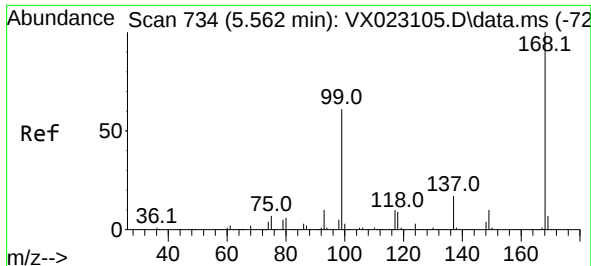
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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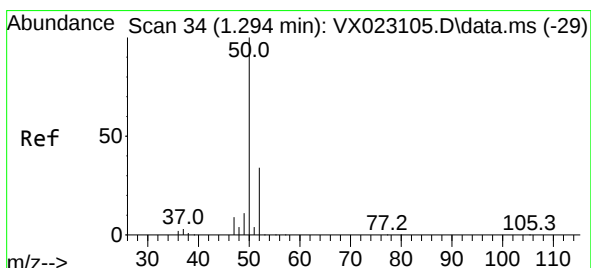
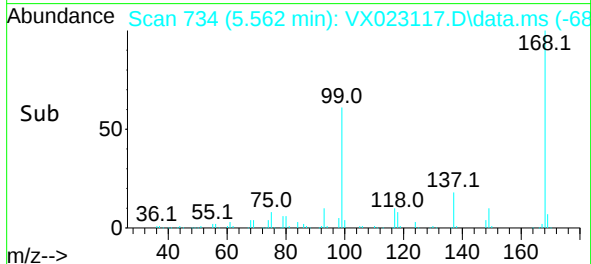
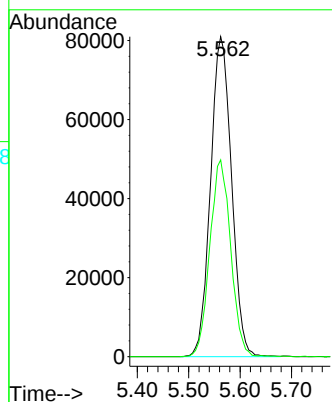
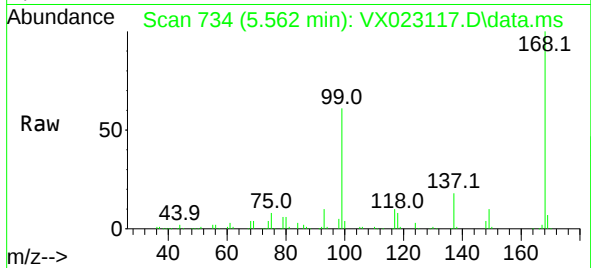




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

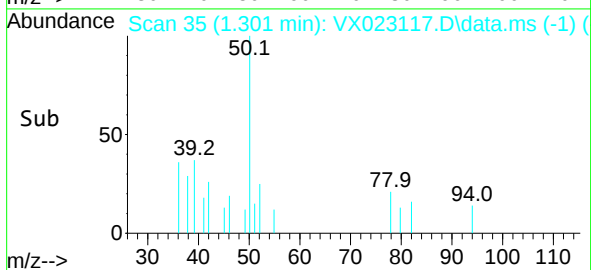
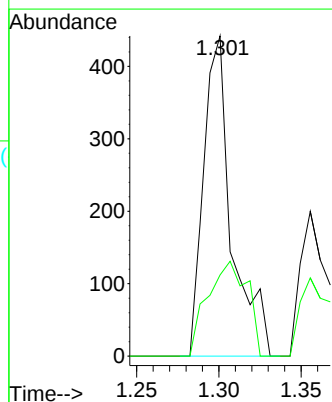
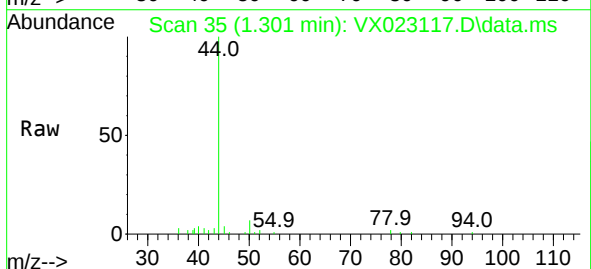
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

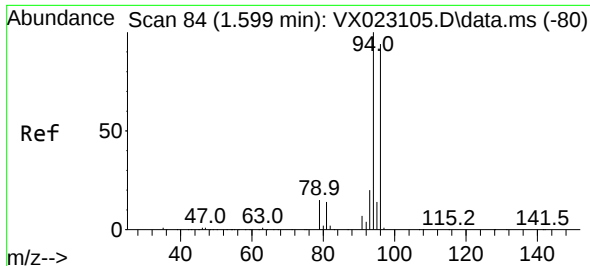
Tgt Ion:168 Resp: 229524
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 50 Resp: 523
Ion Ratio Lower Upper
50 100
52 25.3 26.4 39.6#

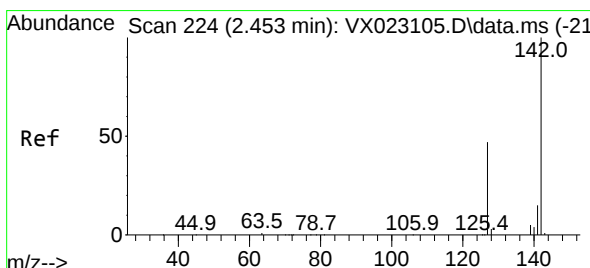
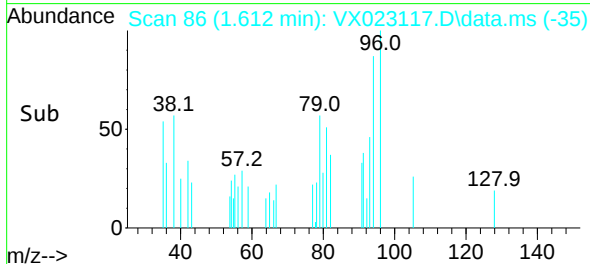
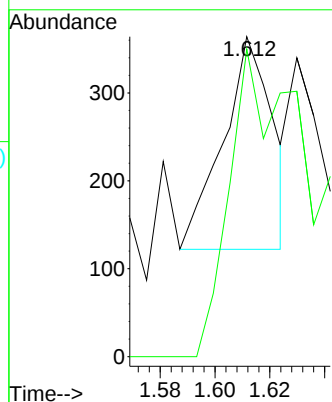
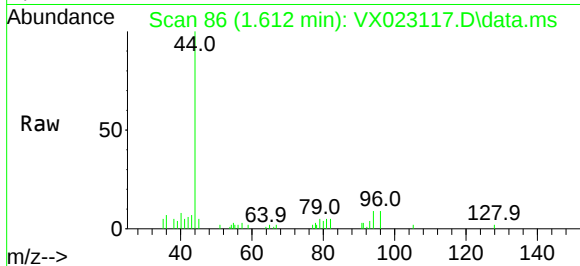




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

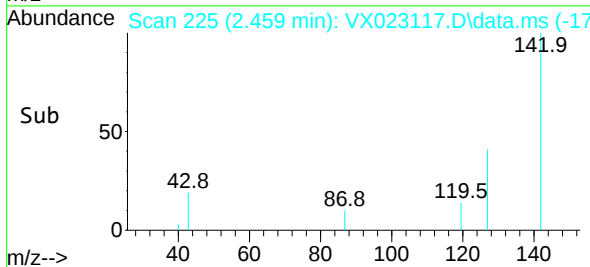
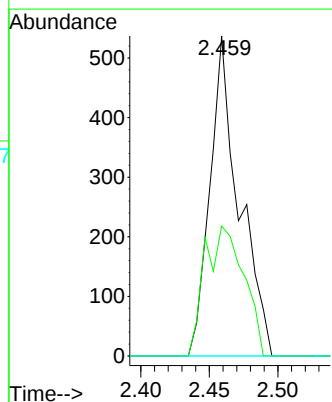
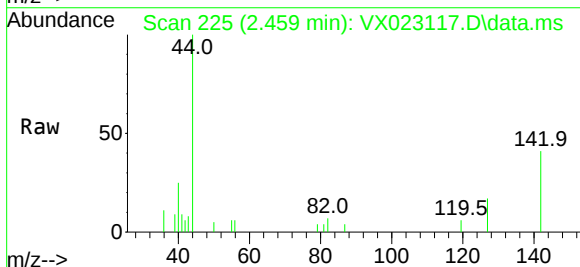
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

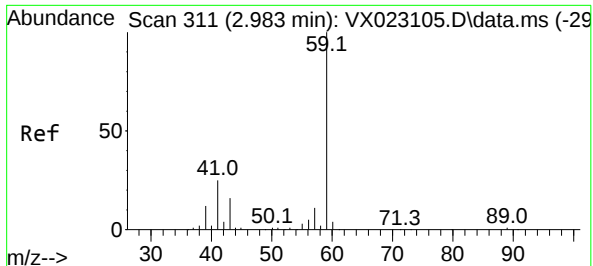
Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 144.6 76.4 114.6#



#10
Methyl Iodide
Concen: 0.292 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 142 Resp: 795
Ion Ratio Lower Upper
142 100
127 54.3 33.3 49.9#
141 0.0 11.4 17.0#



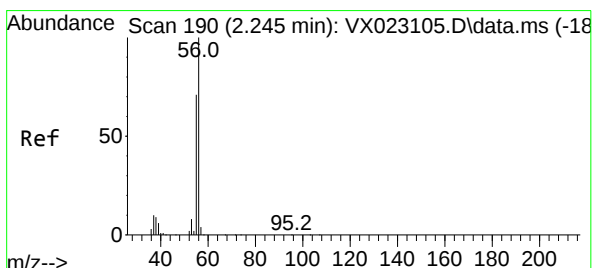
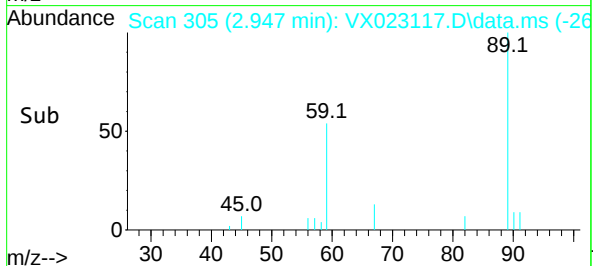
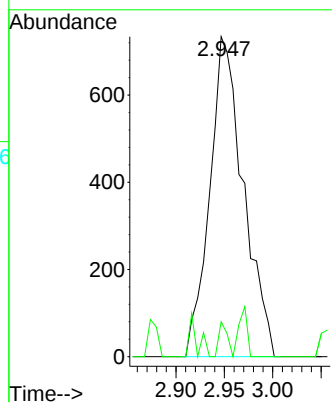
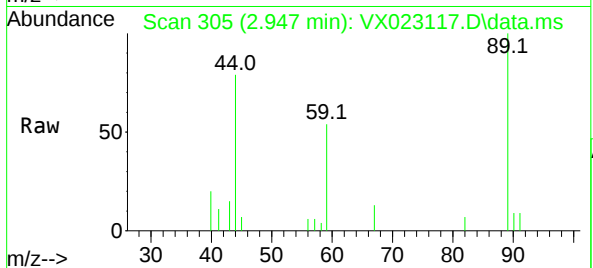


#11

Tert butyl alcohol
Concen: 2.737 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

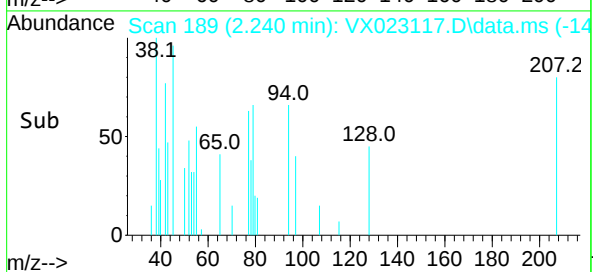
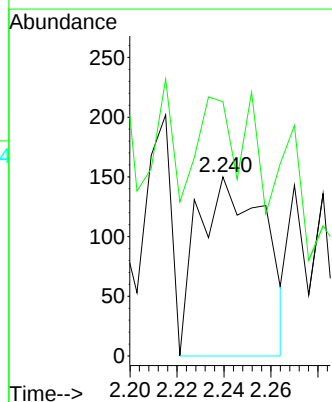
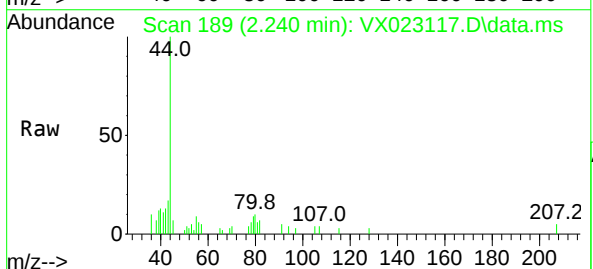
Tgt Ion: 59 Resp: 1776
Ion Ratio Lower Upper
59 100
57 2.8 7.8 11.8#

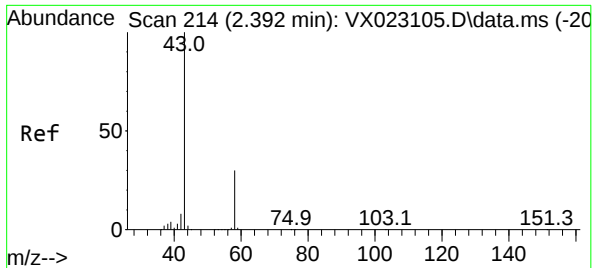


#13

Acrolein
Concen: 0.683 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.005 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 56 Resp: 295
Ion Ratio Lower Upper
56 100
55 71.9 56.4 84.6

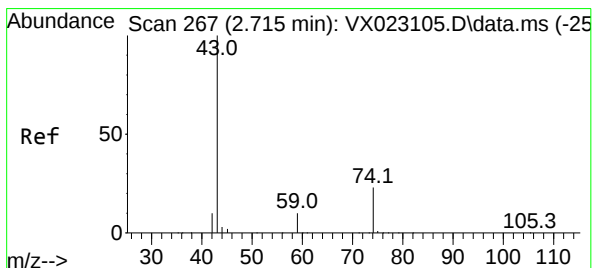
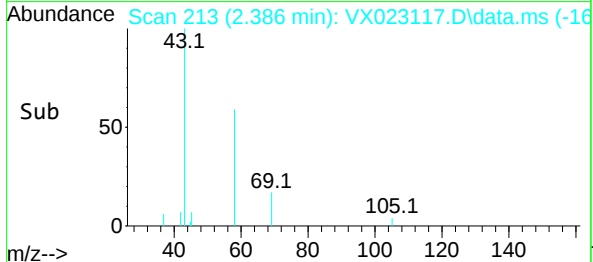
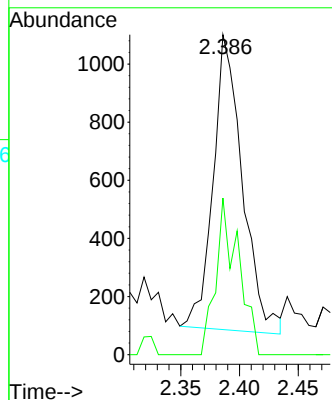
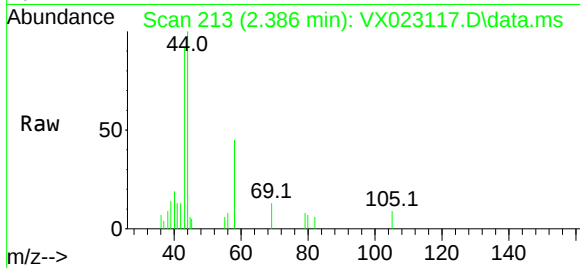




#16
Acetone
Concen: 1.437 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

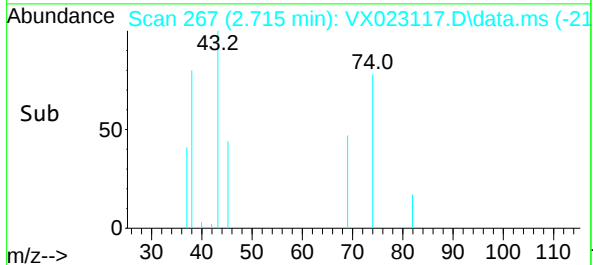
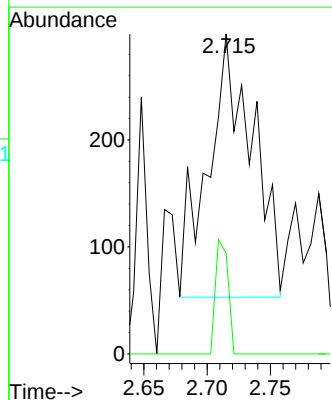
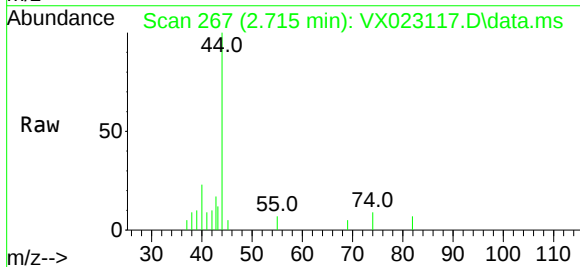
Instrument :
MSVOA_X
ClientSampled :
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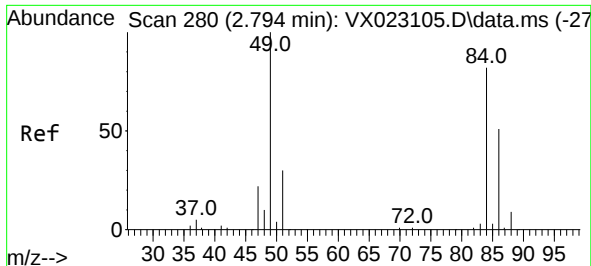
Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 53.7 27.8 41.8#



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

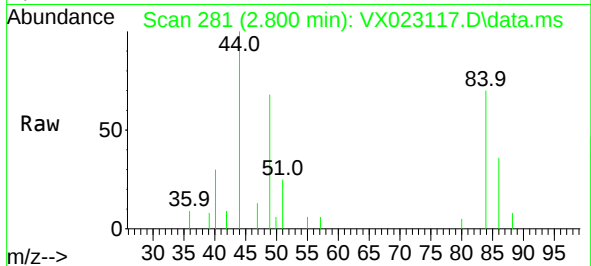
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
74 12.2 21.9 32.9#



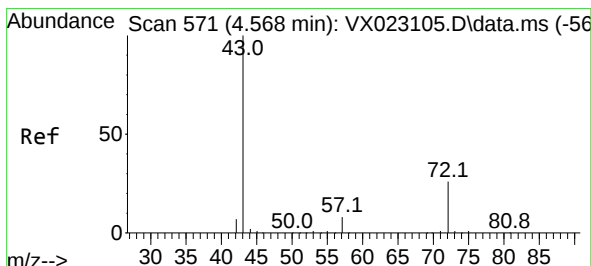
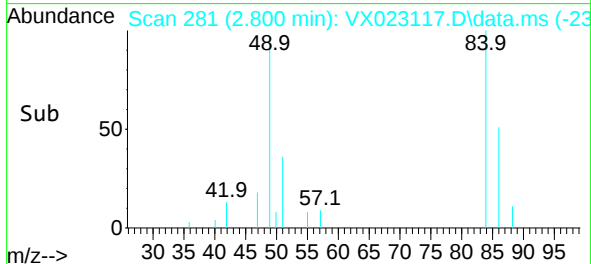
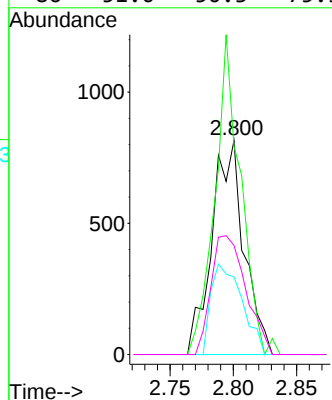


#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

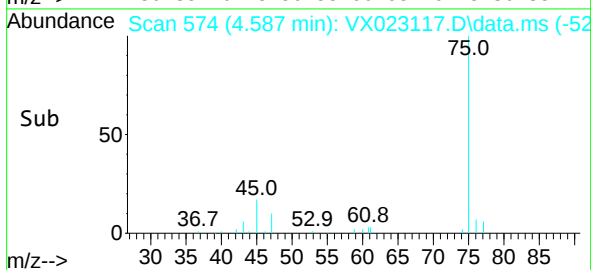
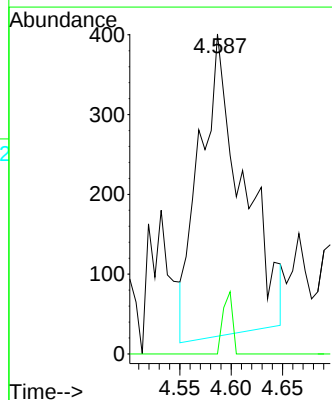
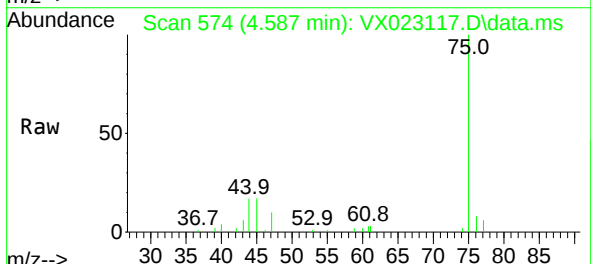


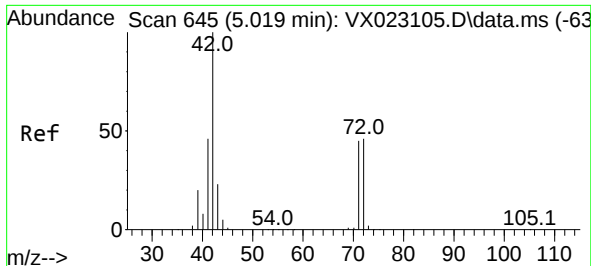
Tgt Ion: 84	Resp: 1441
Ion Ratio	Lower Upper
84	100
49	97.3 88.6 132.8
51	36.3 27.0 40.6
86	51.0 50.3 75.5



#25
2-Butanone
Concen: 0.600 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 43	Resp: 1104
Ion Ratio	Lower Upper
43	100
72	0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.210 ug/l

RT: 5.019 min Scan# 645

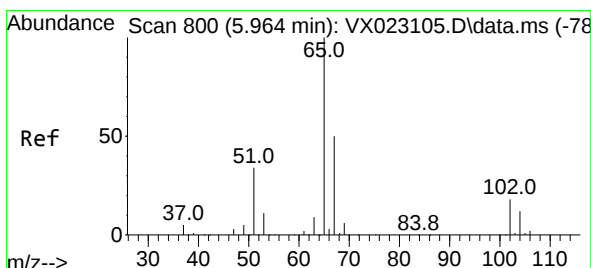
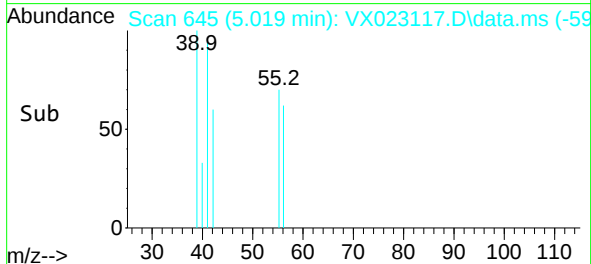
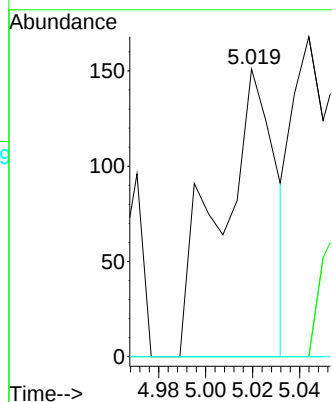
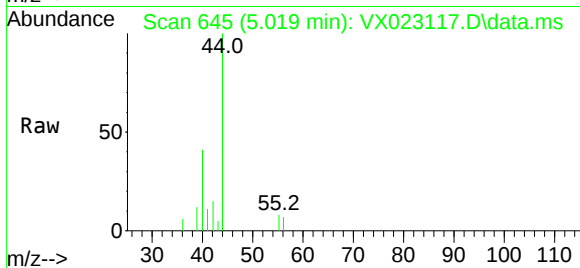
Delta R.T. 0.000 min

Lab File: VX023117.D

Acq: 02 Jul 2021 19:05

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MSVOA_X
ClientSampled :
TRIP-BLANK

Tgt Ion:	42	Resp:	248
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#33

1,2-Dichloroethane-d4

Concen: 51.896 ug/l

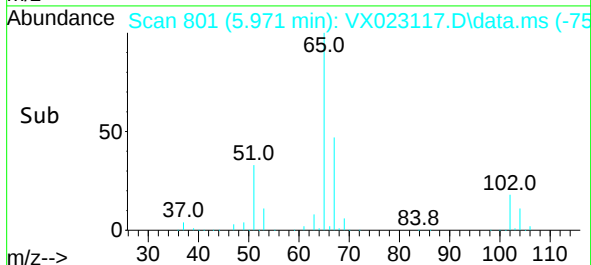
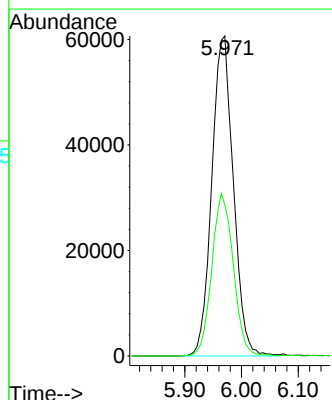
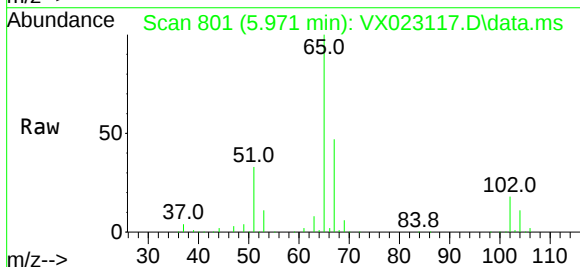
RT: 5.971 min Scan# 801

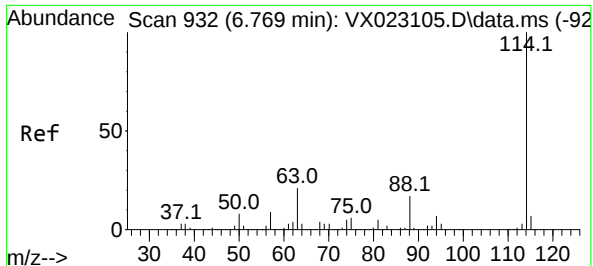
Delta R.T. 0.007 min

Lab File: VX023117.D

Acq: 02 Jul 2021 19:05

Tgt Ion:	65	Resp:	160090
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.4

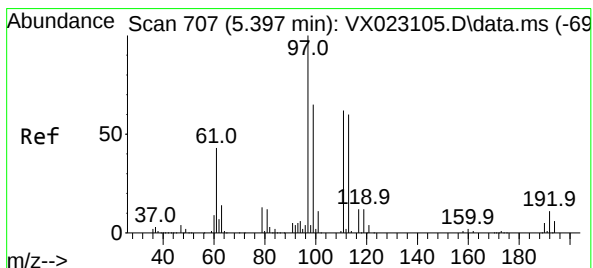
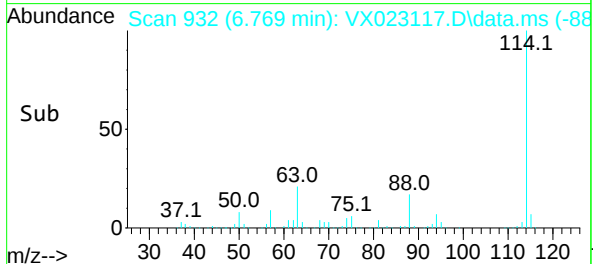
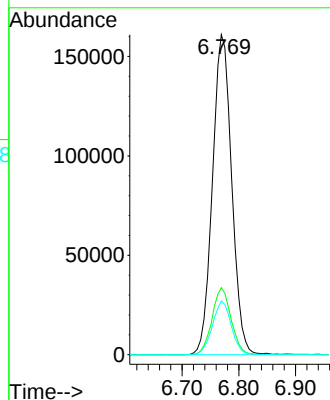
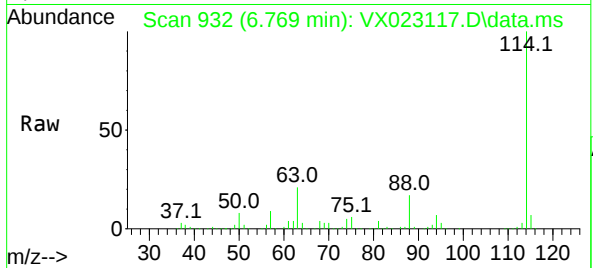




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

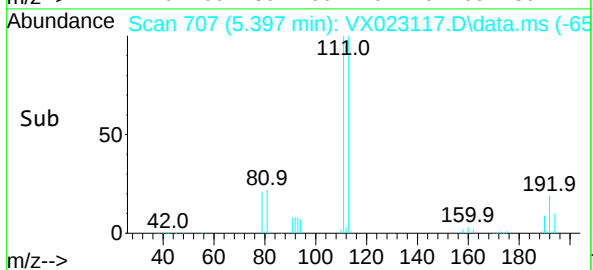
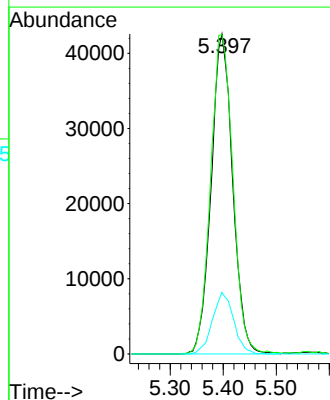
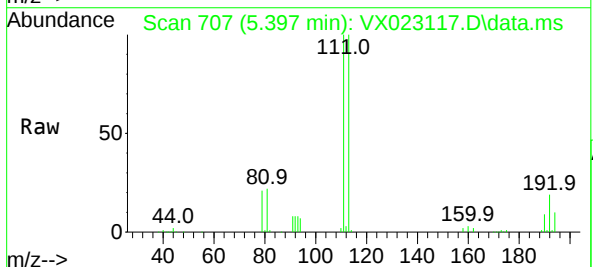
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

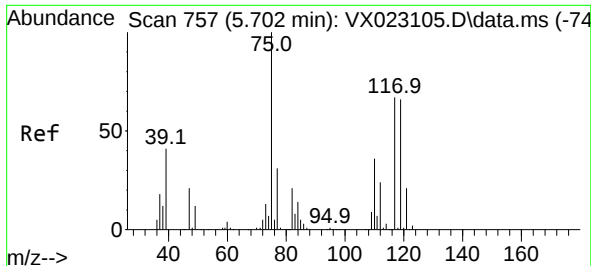
Tgt Ion:114 Resp: 378656
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.912 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion:113 Resp: 119599
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.0 16.7 25.1

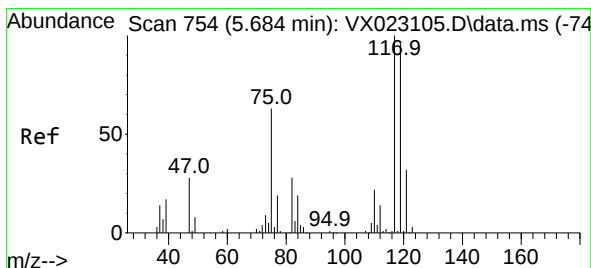
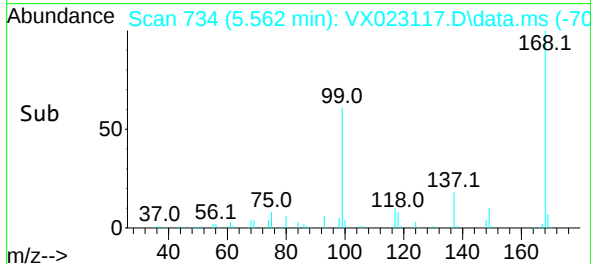
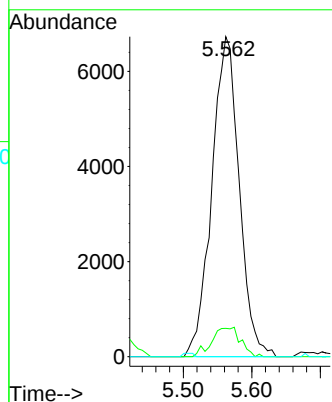
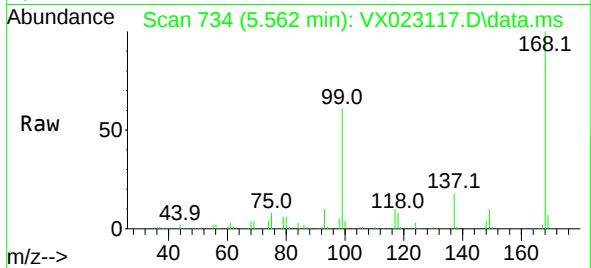




#36
1,1-Dichloropropene
Concen: 5.525 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

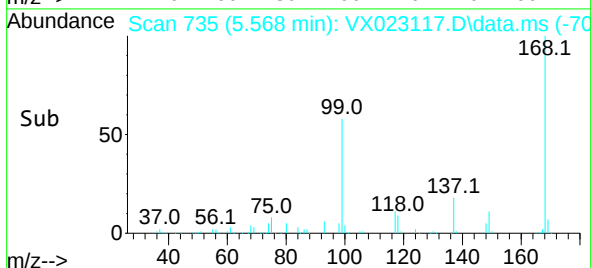
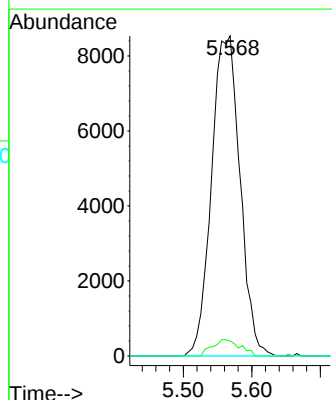
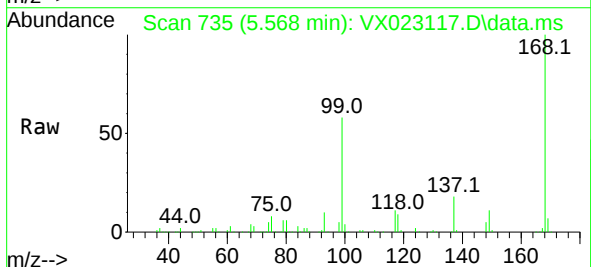
Instrument :
MSVOA_X
ClientSampleId :
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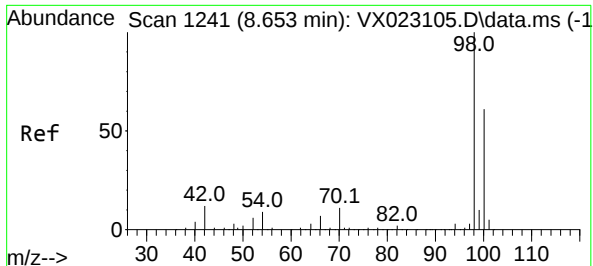
Tgt Ion: 75 Resp: 18652
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.980 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 117 Resp: 24594
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

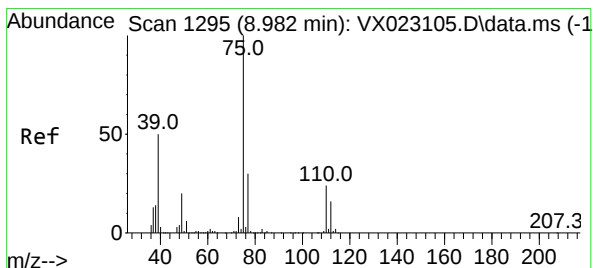
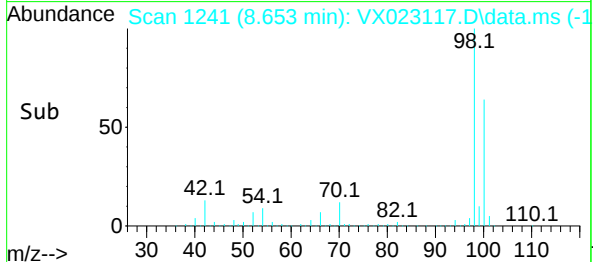
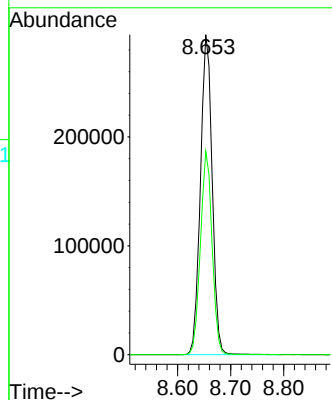
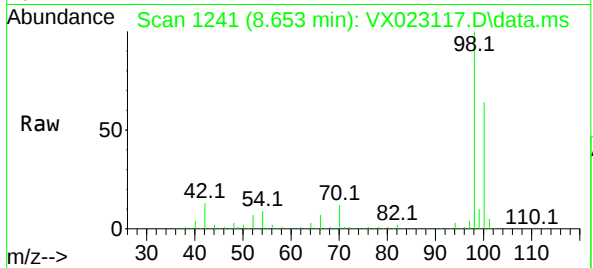




#50
Toluene-d8
Concen: 49.671 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

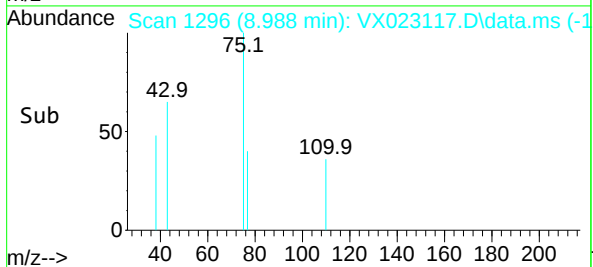
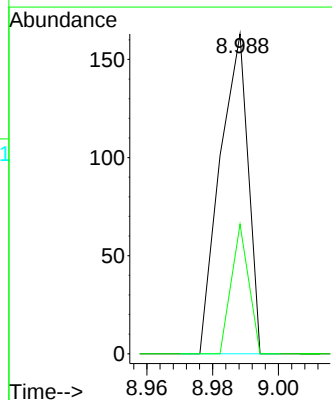
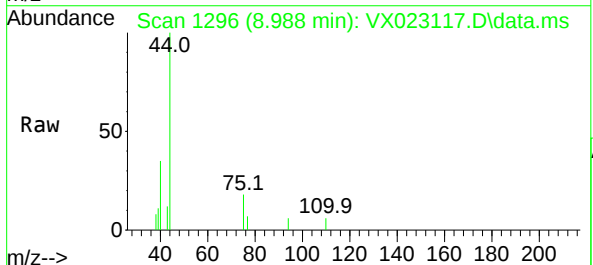
Instrument :
MSVOA_X
ClientSampleId :
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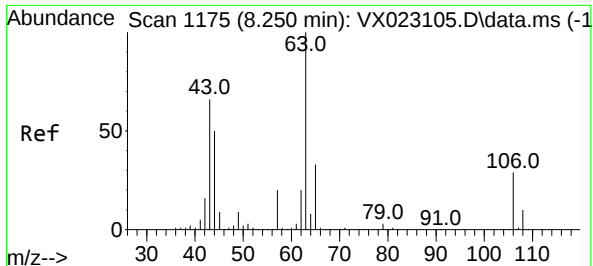
Tgt Ion: 98 Resp: 453059
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.758 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 75 Resp: 97
Ion Ratio Lower Upper
75 100
77 40.5 24.9 37.3#

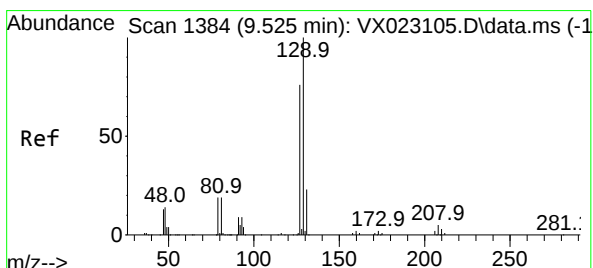
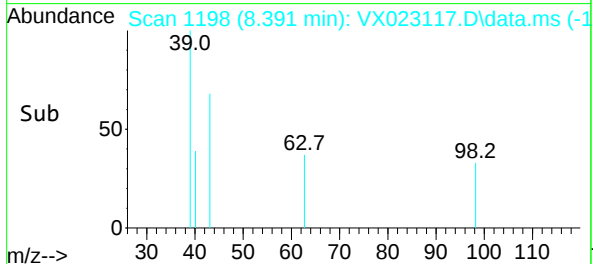
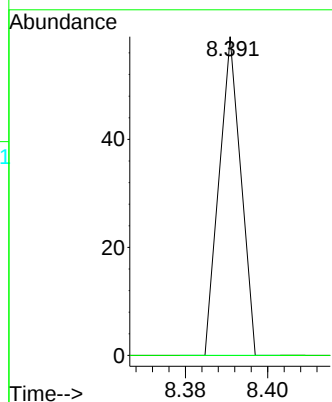
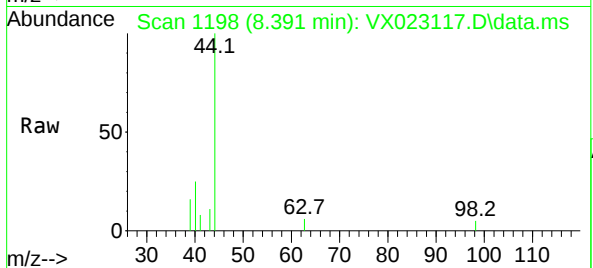




#58
2-Chloroethyl Vinyl ether
Concen: 4.699 ug/l
RT: 8.391 min Scan# 1198
Delta R.T. 0.141 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

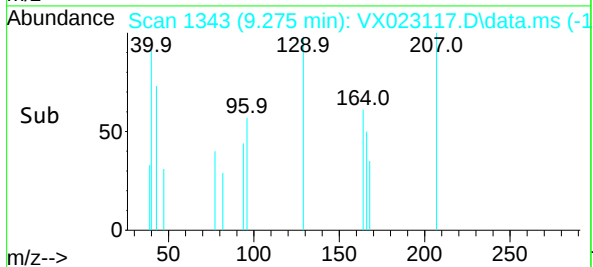
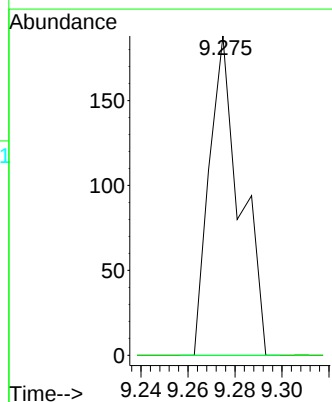
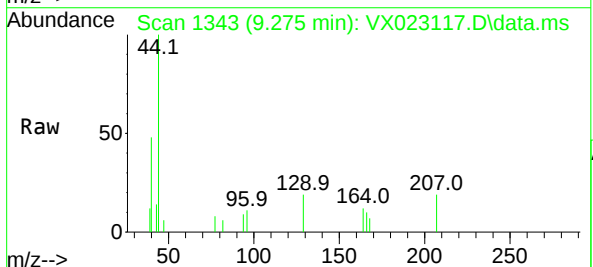
Instrument :
MSVOA_X
ClientSampled :
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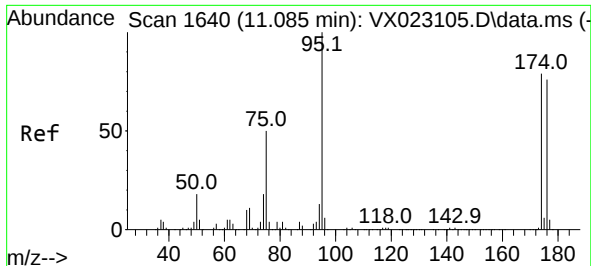
Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.167 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 129 Resp: 172
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

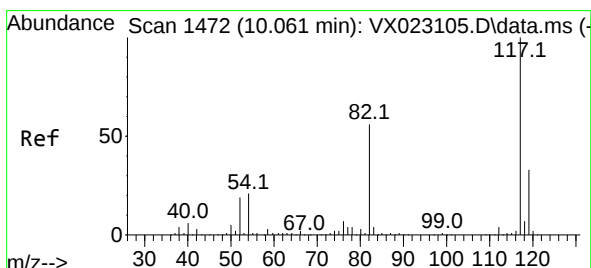
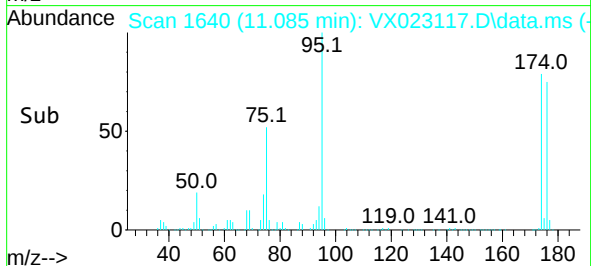
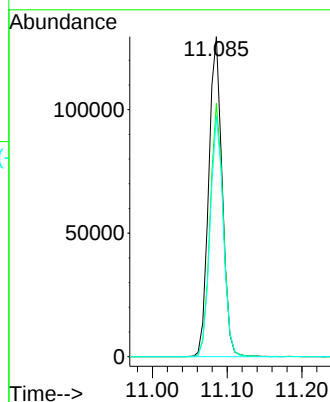
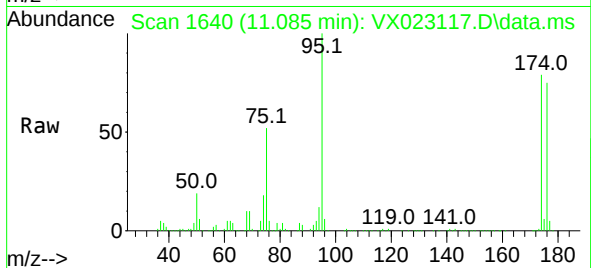




#62
4-Bromofluorobenzene
Concen: 45.890 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

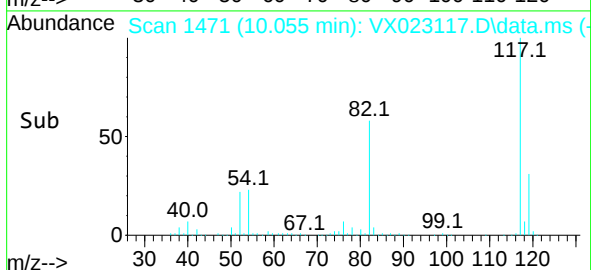
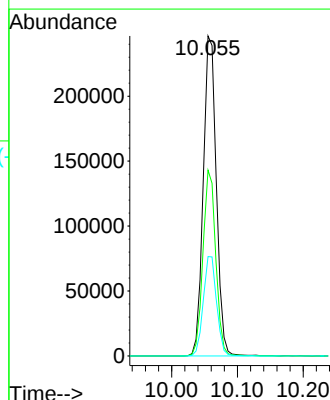
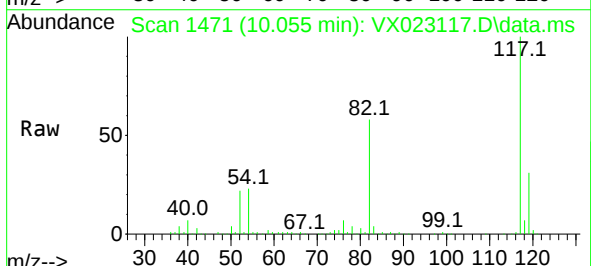
Instrument :
MSVOA_X
ClientSampleId :
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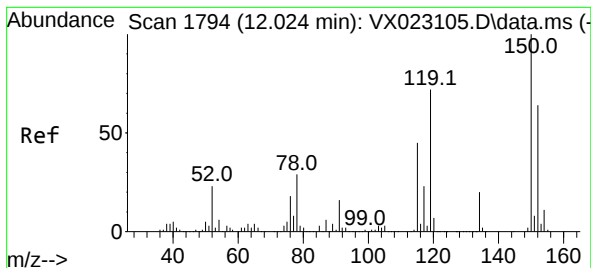
Tgt Ion: 95 Resp: 161590
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 117 Resp: 340650
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.0 26.6 39.8

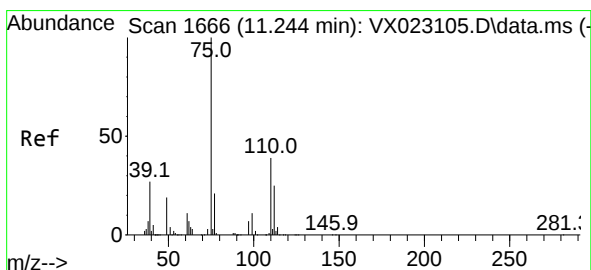
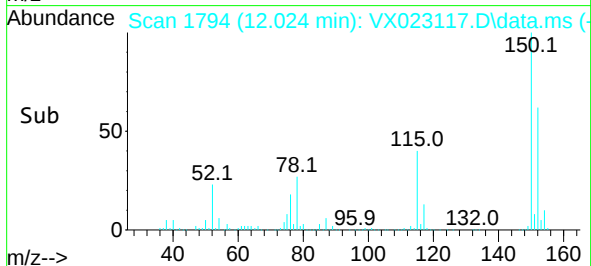
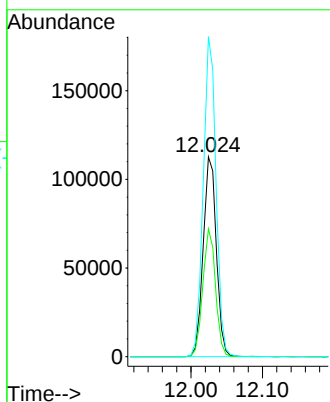
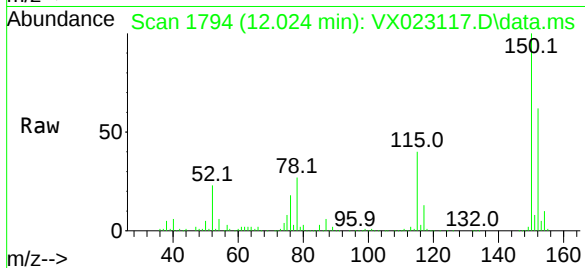




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

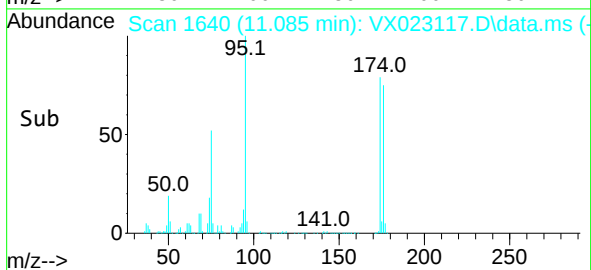
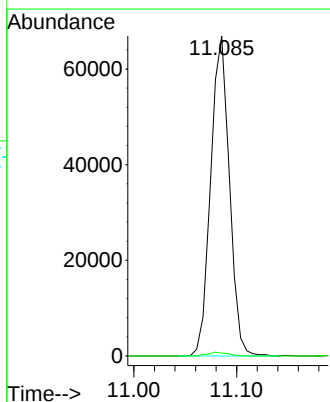
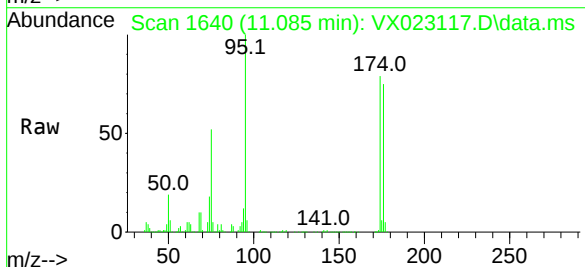
Instrument :
MSVOA_X
ClientSampleId :
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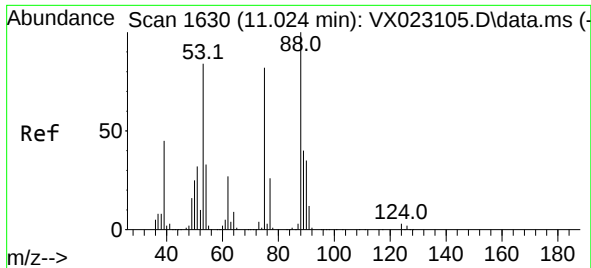
Tgt Ion:152 Resp: 144128
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 155.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.110 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 75 Resp: 84429
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

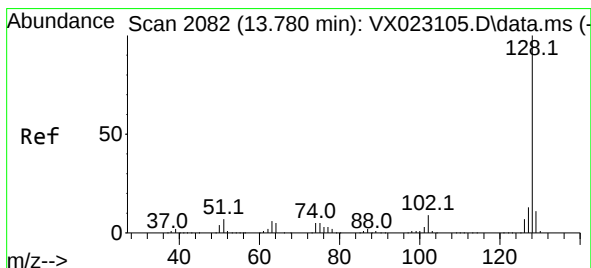
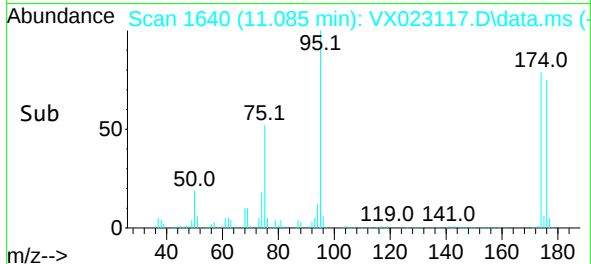
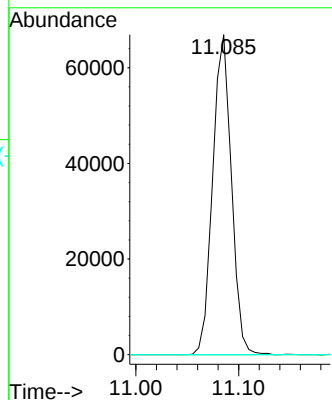
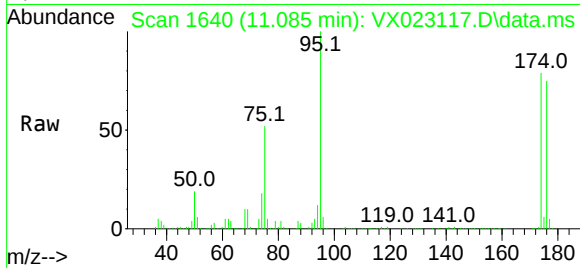




#81
trans-1,4-Dichloro-2-butene
Concen: 78.302 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 84429
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.341 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023117.D
Acq: 02 Jul 2021 19:05

Tgt Ion: 128 Resp: 725
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

