

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021404.D
 Acq On : 23 Mar 2021 23:34
 Operator : JC/MD
 Sample : M1770-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 03:33:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	81653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	131406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	46436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63057	47.08	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.16%
35) Dibromofluoromethane	5.470	113	44825	50.13	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.26%
50) Toluene-d8	8.694	98	161809	49.87	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.74%
62) 4-Bromofluorobenzene	11.118	95	55363	43.94	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.88%

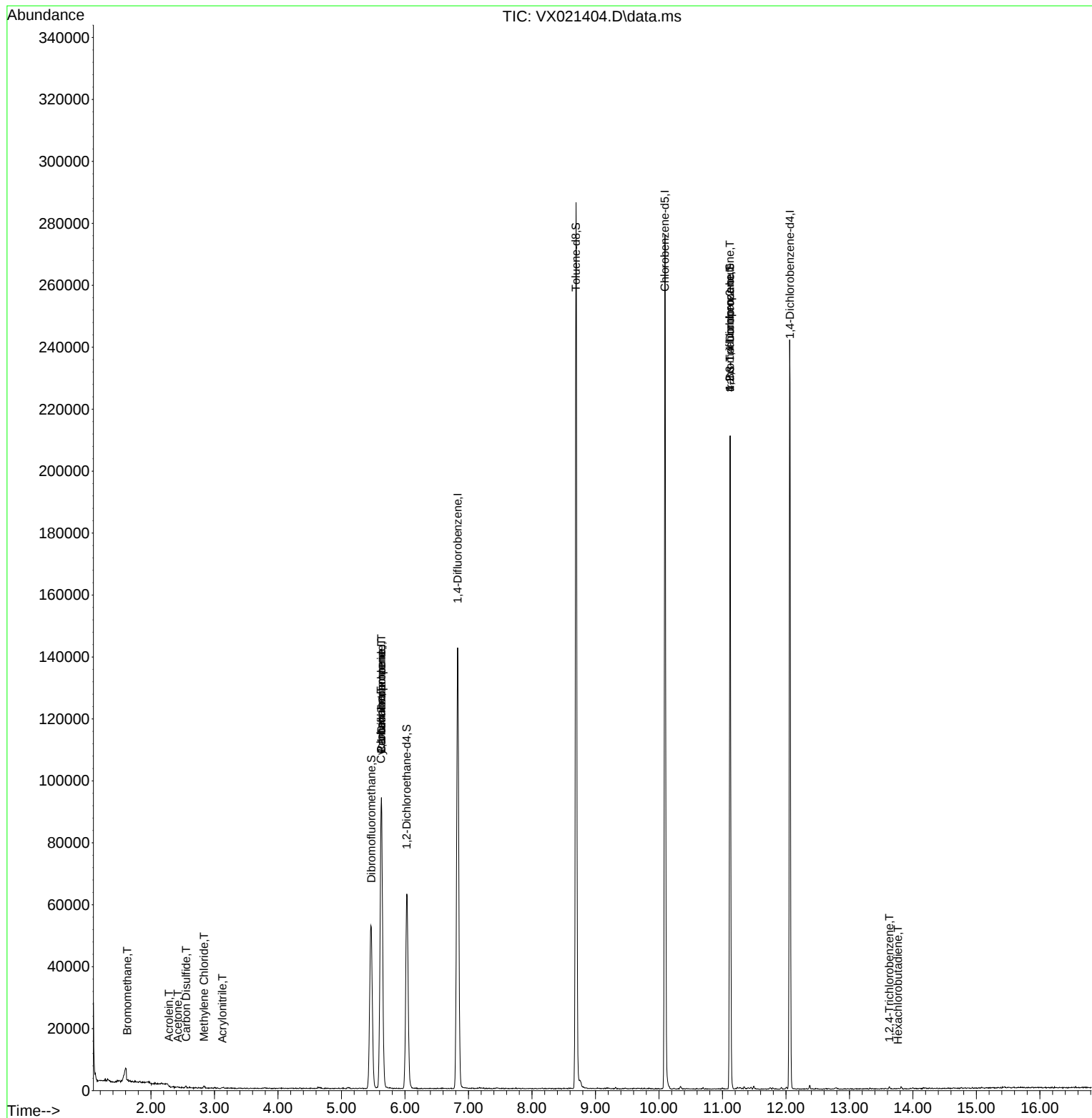
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.316	50	1130	Below Cal	#	87
5) Bromomethane	1.628	94	128	0.29	ug/l #	72
13) Acrolein	2.281	56	20	3.27	ug/l #	1
15) Acrylonitrile	3.122	53	120	0.23	ug/l #	56
16) Acetone	2.422	43	474	0.96	ug/l #	40
17) Carbon Disulfide	2.552	76	664	0.81	ug/l #	75
20) Methylene Chloride	2.834	84	271	0.27	ug/l #	70
31) Cyclohexane	5.623	56	2326	1.44	ug/l #	31
36) 1,1-Dichloropropene	5.629	75	7163	5.41	ug/l #	46
38) Carbon Tetrachloride	5.629	117	9081	6.60	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	31176	28.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31176	78.58	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.630	180	238	0.25	ug/l	84
94) Hexachlorobutadiene	13.765	225	115	0.29	ug/l #	30

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

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Response via : Initial Calibration

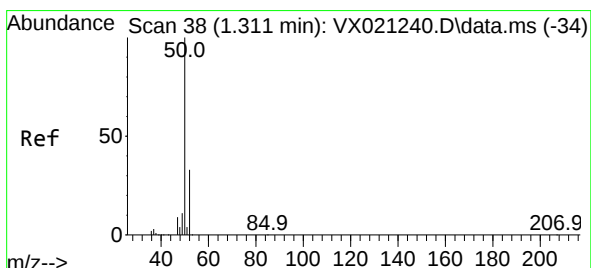
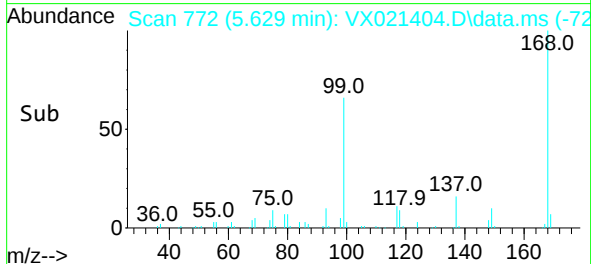
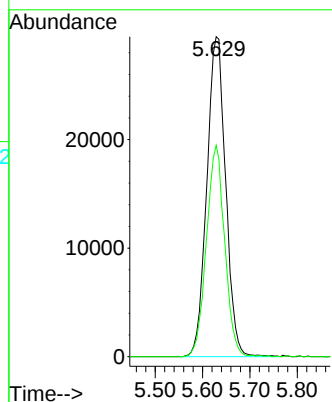
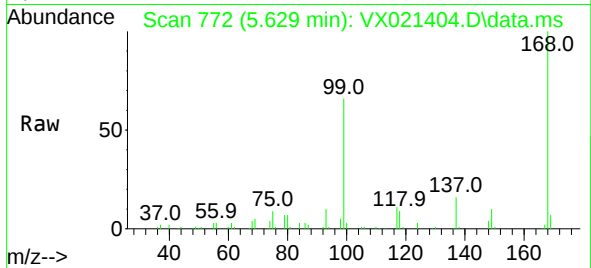




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

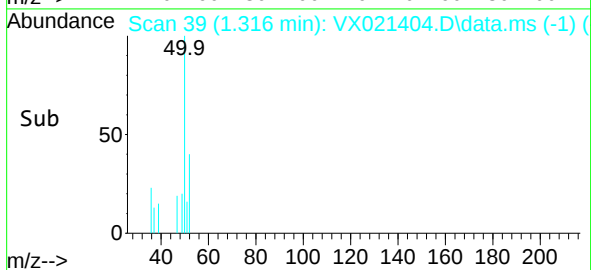
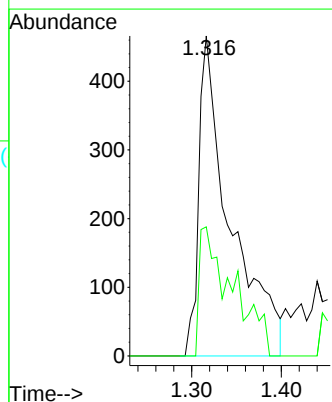
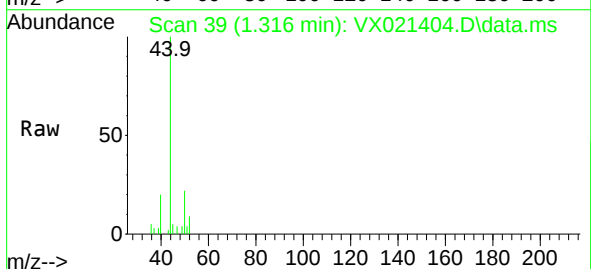
Instrument :
MSVOA_X
ClientSampleId :

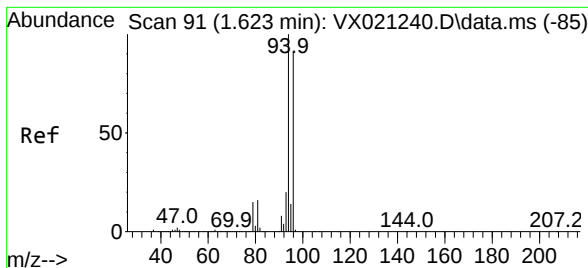
Tgt Ion:168 Resp: 81653
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Tgt Ion: 50 Resp: 1130
Ion Ratio Lower Upper
50 100
52 40.3 26.4 39.6#

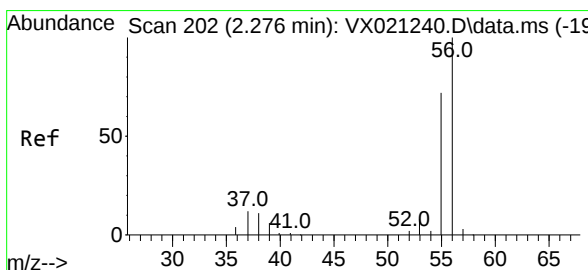
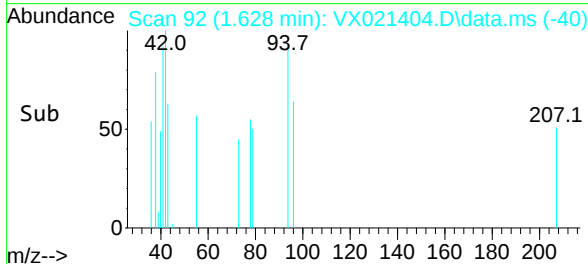
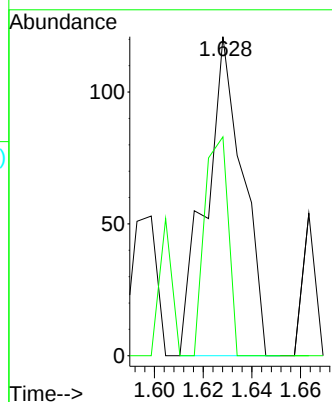
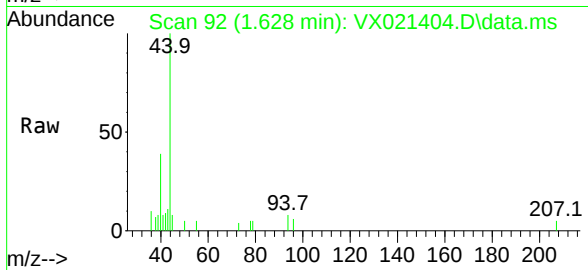




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

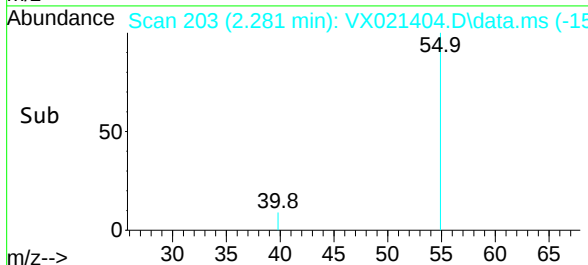
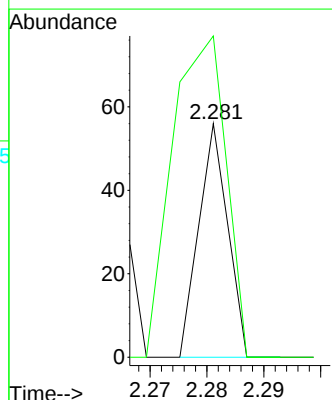
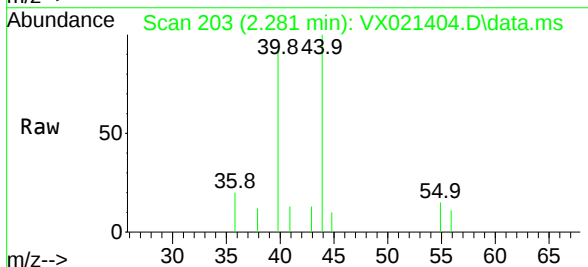
Instrument :
MSVOA_X
ClientSampled :

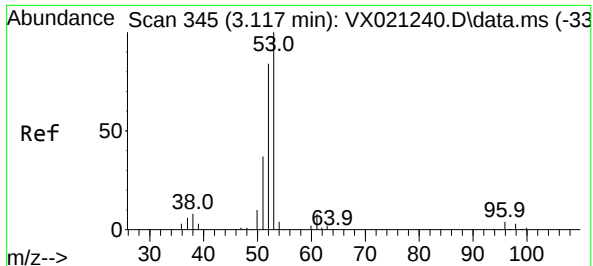
Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 68.6 76.4 114.6#



#13
Acrolein
Concen: 3.27 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

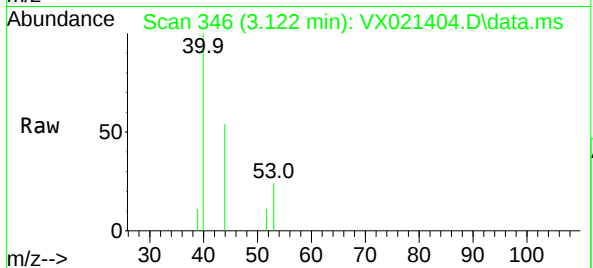
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 250.0 56.4 84.6#



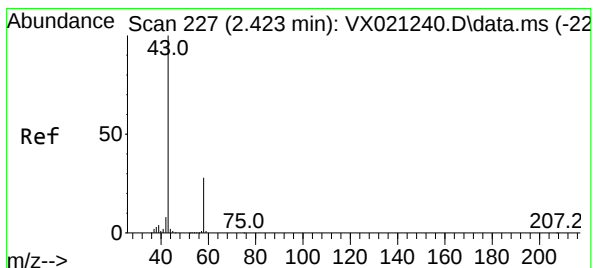
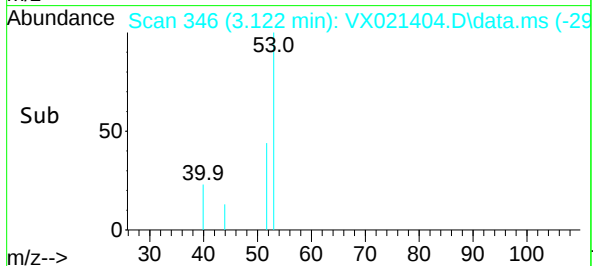
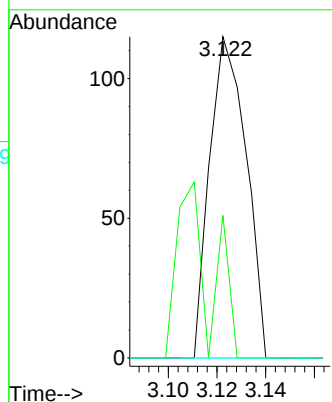


#15
Acrylonitrile
Concen: 0.23 ug/l
RT: 3.122 min Scan# 346
Delta R.T. 0.005 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Instrument :
MSVOA_X
ClientSampled :

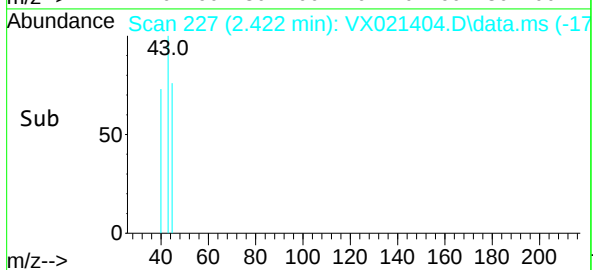
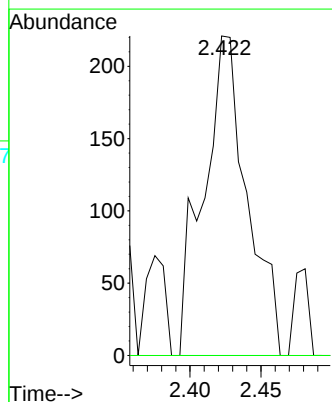
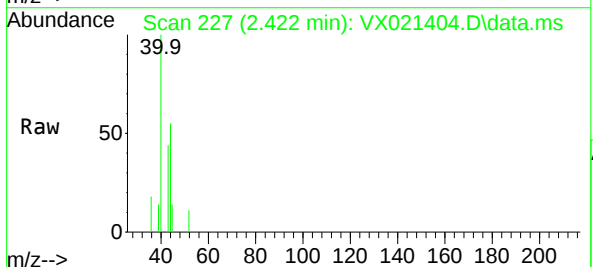


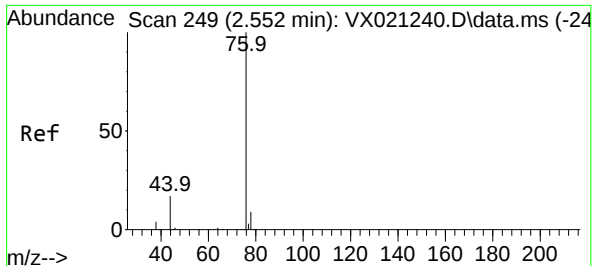
Tgt Ion: 53 Resp: 120
Ion Ratio Lower Upper
53 100
52 49.2 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 0.96 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





#17

Carbon Disulfide

Concen: 0.81 ug/l

RT: 2.552 min Scan# 249

Delta R.T. -0.000 min

Lab File: VX021404.D

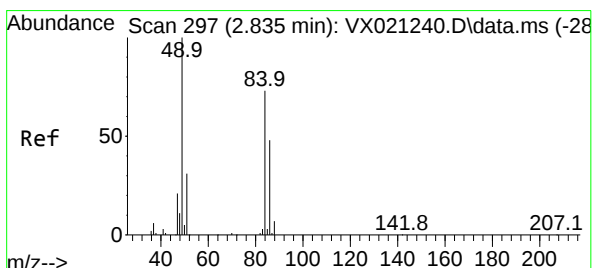
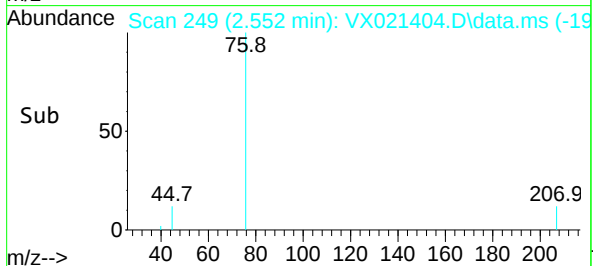
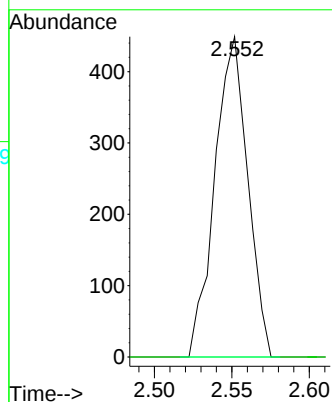
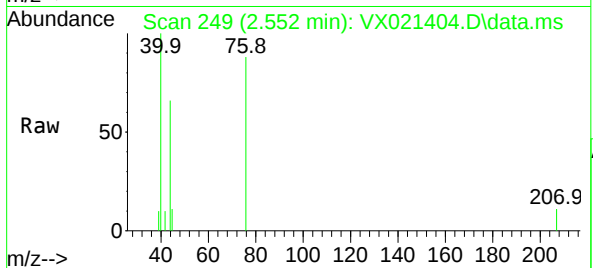
Acq: 23 Mar 2021 23:34

Tgt Ion: 76 Resp: 664

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.001 min

Lab File: VX021404.D

Acq: 23 Mar 2021 23:34

Tgt Ion: 84 Resp: 271

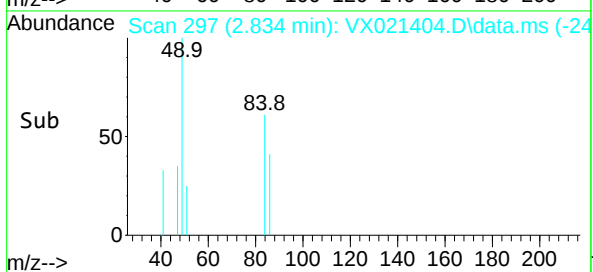
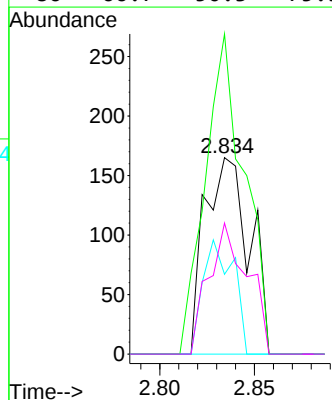
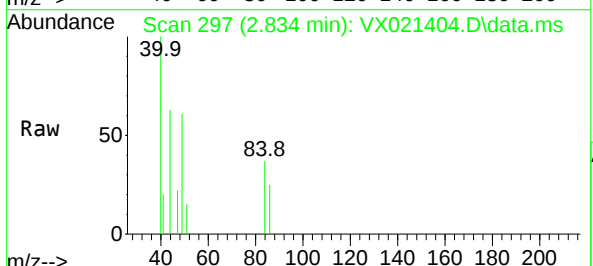
Ion Ratio Lower Upper

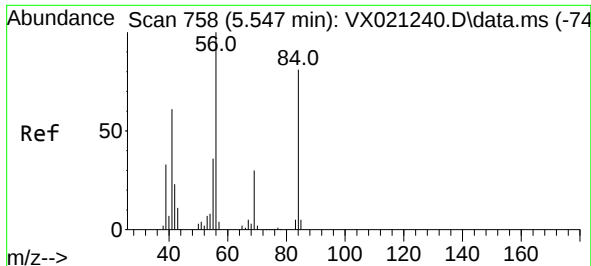
84 100

49 163.0 88.6 132.8#

51 40.6 27.0 40.6#

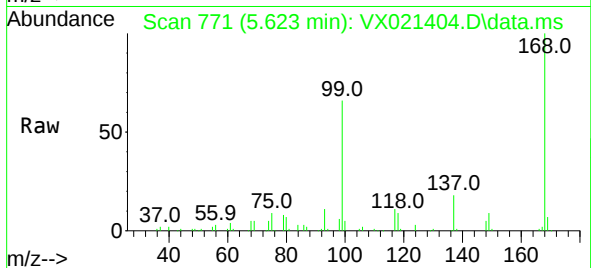
86 66.7 50.3 75.5



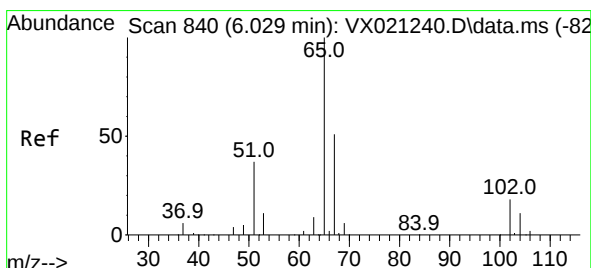
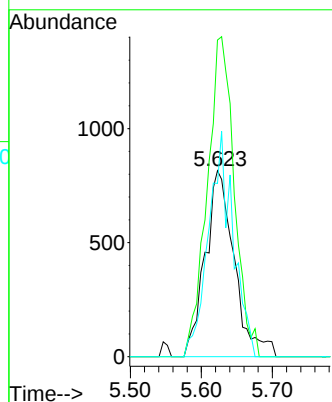
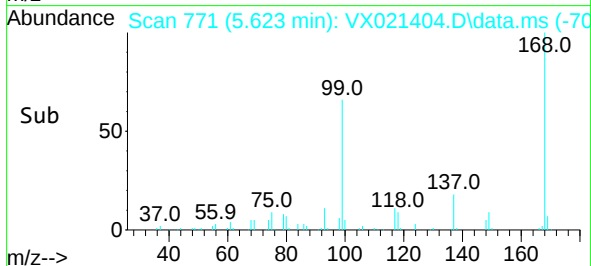


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

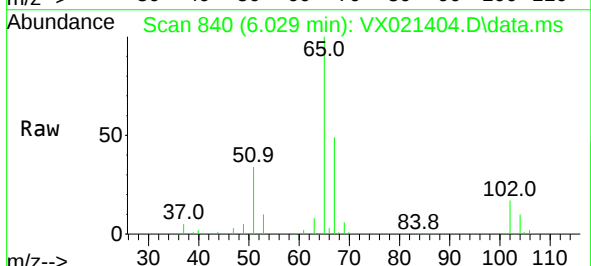
Instrument :
MSVOA_X
ClientSampled :



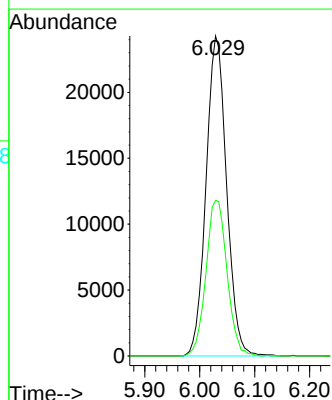
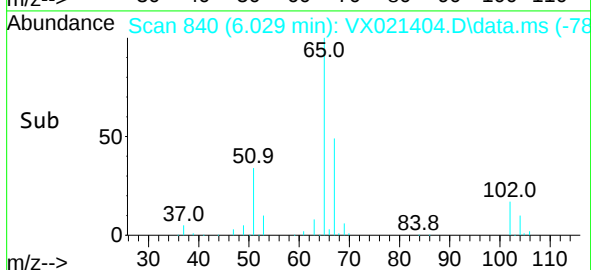
Tgt Ion: 56 Resp: 2326
Ion Ratio Lower Upper
56 100
69 170.3 25.3 37.9#
84 93.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.08 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34



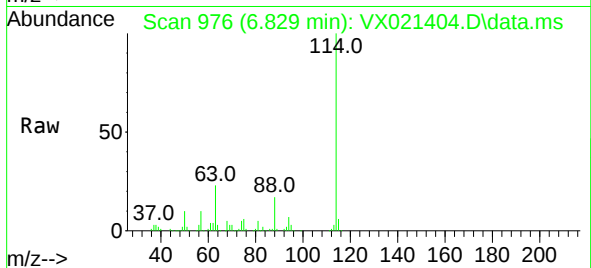
Tgt Ion: 65 Resp: 63057
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4



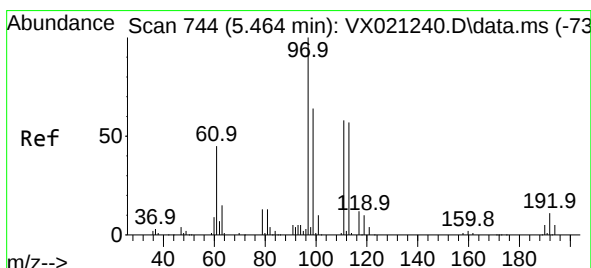
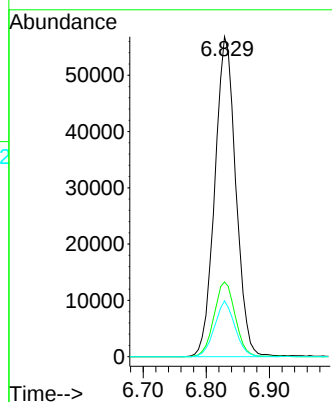
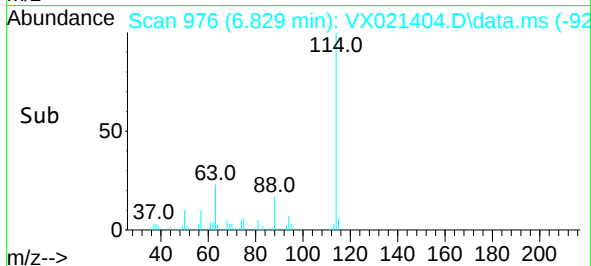


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

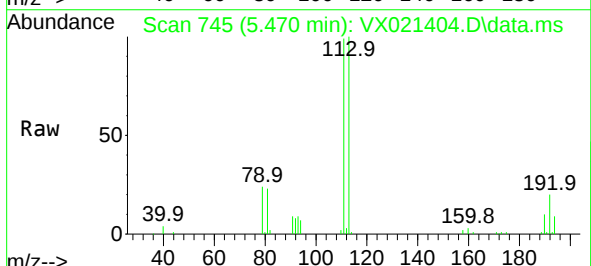
Instrument :
MSVOA_X
ClientSampled :



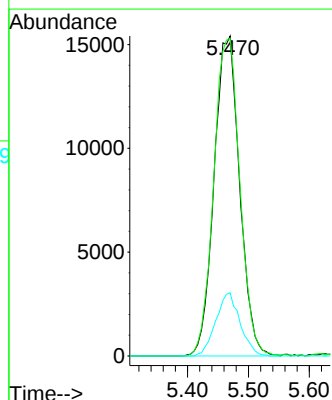
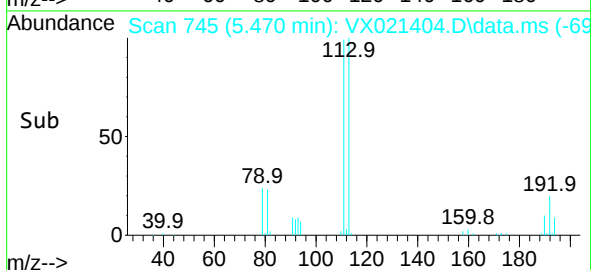
Tgt Ion:114 Resp: 131406
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 17.5 0.0 32.8

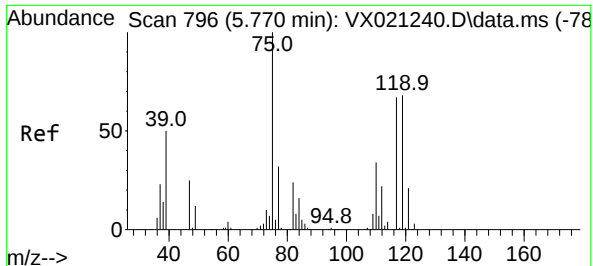


#35
Dibromofluoromethane
Concen: 50.13 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34



Tgt Ion:113 Resp: 44825
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.41 ug/l

RT: 5.629 min Scan# 772

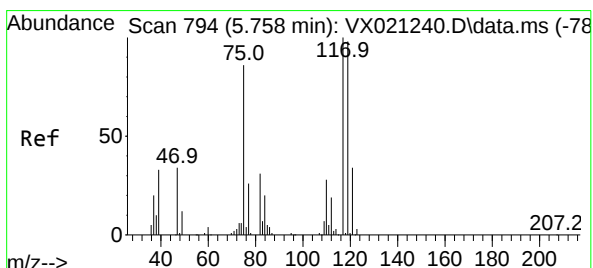
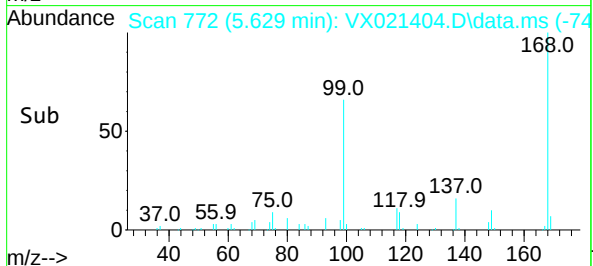
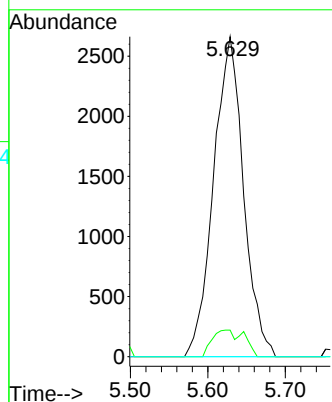
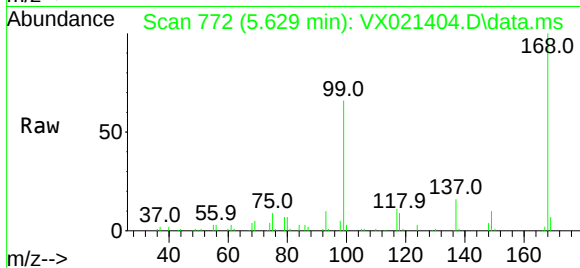
Delta R.T. -0.141 min

Lab File: VX021404.D

Acq: 23 Mar 2021 23:34

Tgt Ion:	75	Resp:	7163
Ion	Ratio	Lower	Upper
75	100		
110	6.0	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.60 ug/l

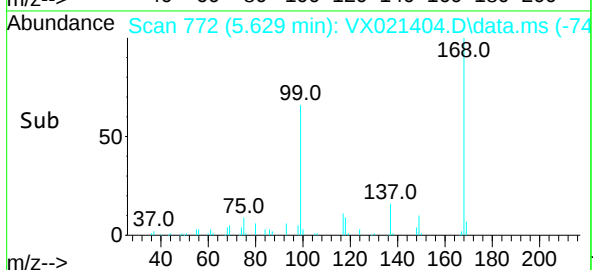
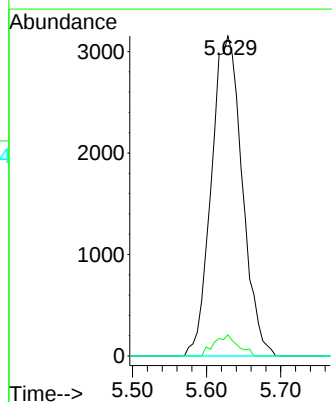
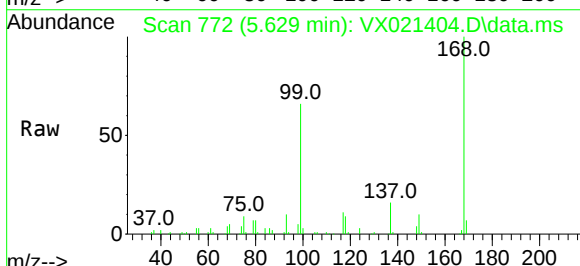
RT: 5.629 min Scan# 772

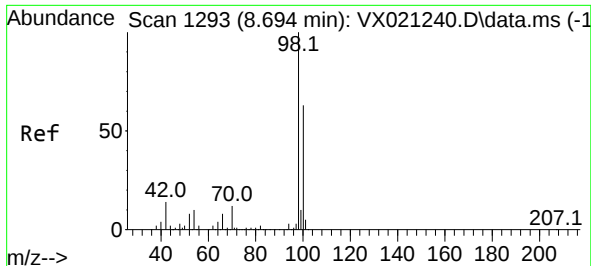
Delta R.T. -0.129 min

Lab File: VX021404.D

Acq: 23 Mar 2021 23:34

Tgt Ion:	117	Resp:	9081
Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.2	114.2#
121	0.0	24.8	37.2#

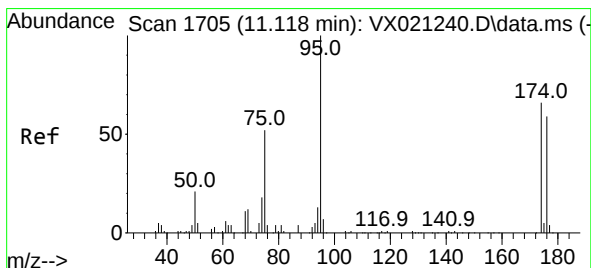
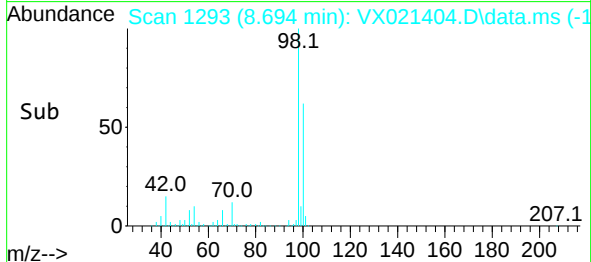
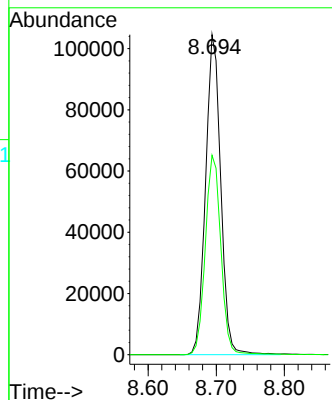
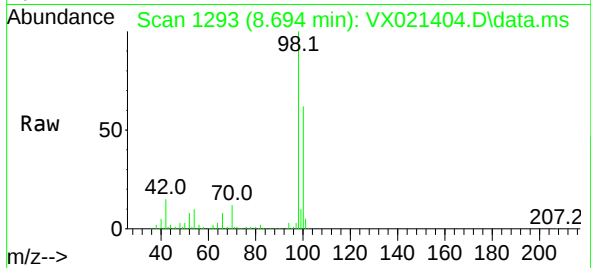




#50
Toluene-d8
Concen: 49.87 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

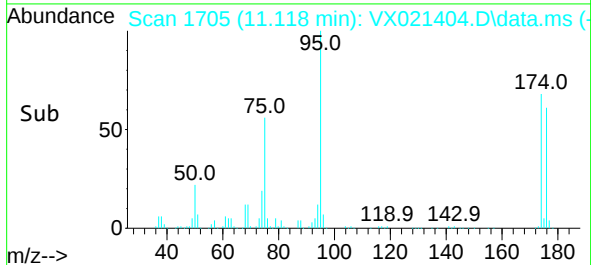
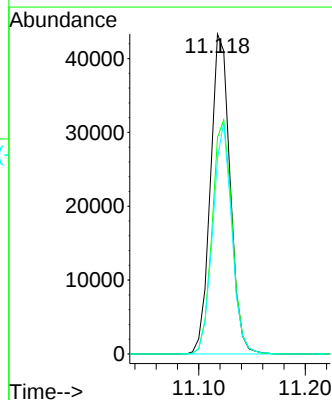
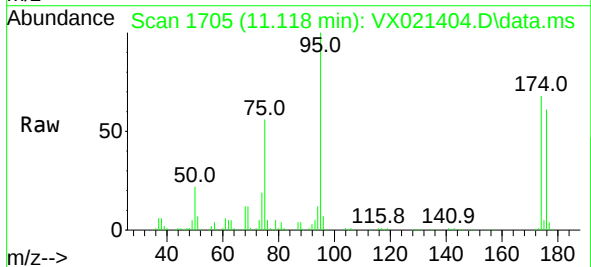
Instrument :
MSVOA_X
ClientSampled :

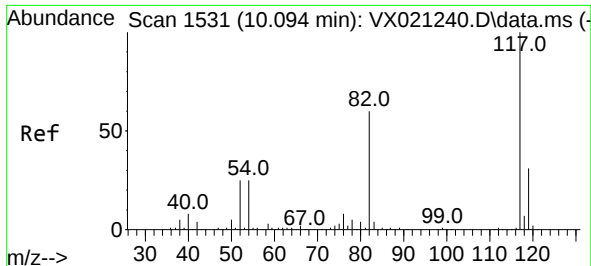
Tgt Ion: 98 Resp: 161809
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Tgt Ion: 95 Resp: 55363
Ion Ratio Lower Upper
95 100
174 74.4 0.0 154.6
176 69.8 0.0 155.8

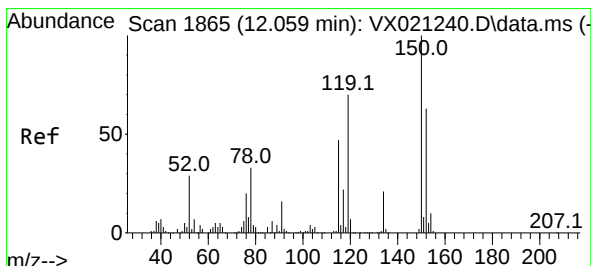
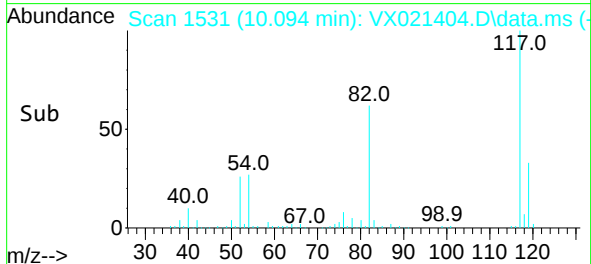
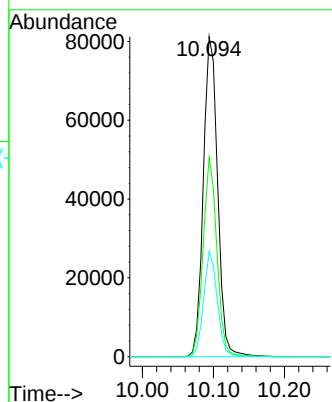
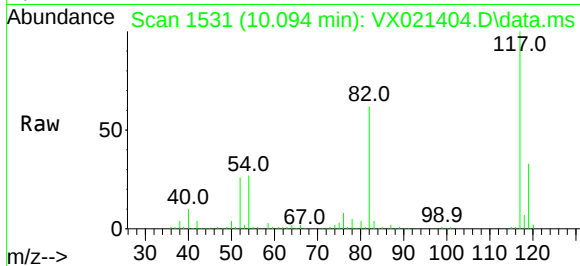




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

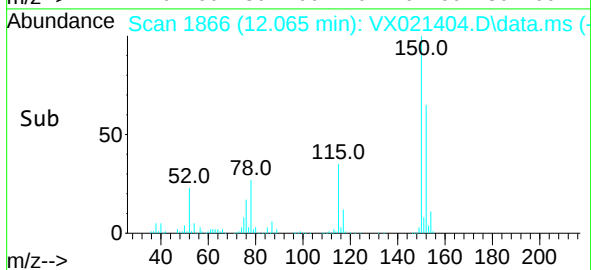
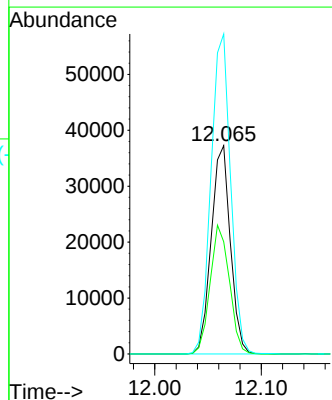
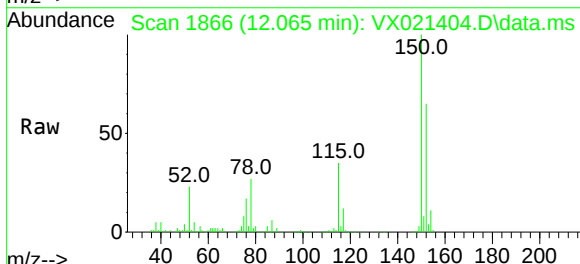
Instrument :
MSVOA_X
ClientSampled :

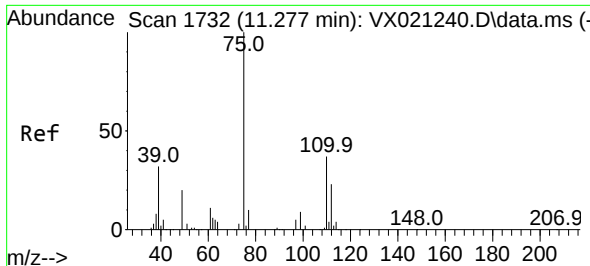
Tgt Ion:117 Resp: 114021
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Tgt Ion:152 Resp: 46436
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 156.9 0.0 349.0

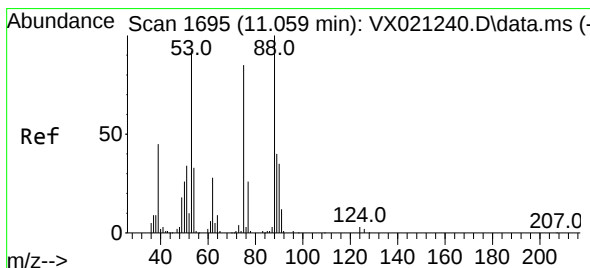
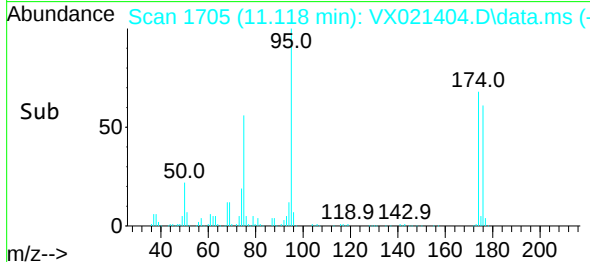
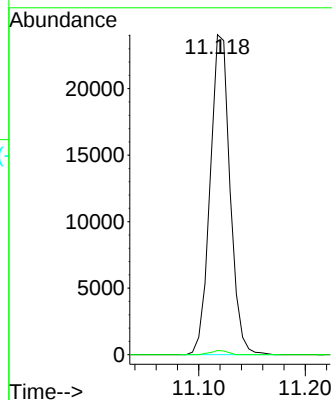
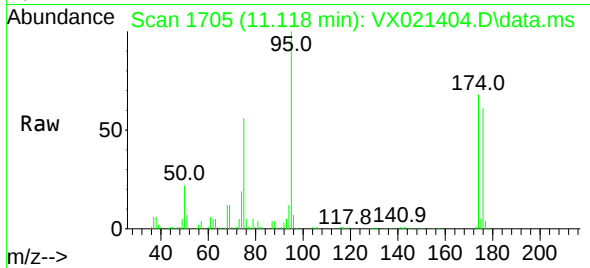




#76
1,2,3-Trichloropropane
Concen: 28.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

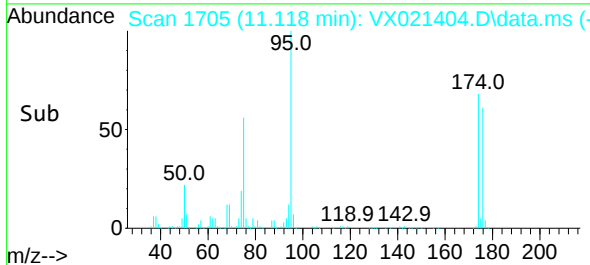
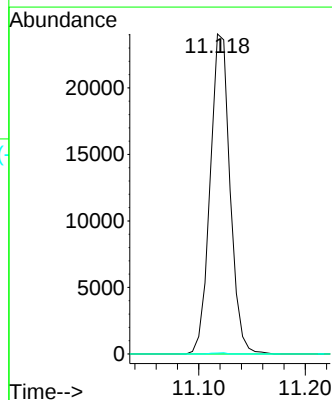
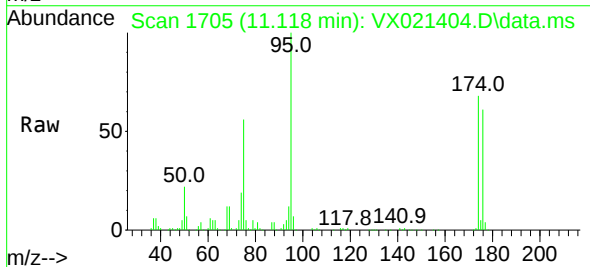
Instrument :
MSVOA_X
ClientSampled :

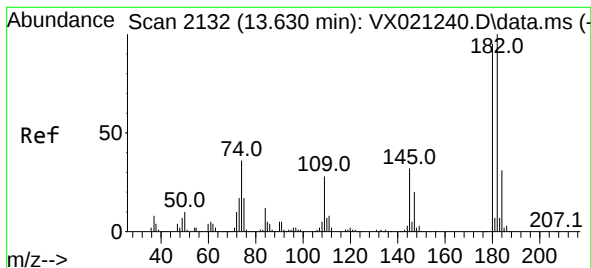
Tgt Ion: 75 Resp: 31176
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.58 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Tgt Ion: 75 Resp: 31176
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.3 37.9 56.9#

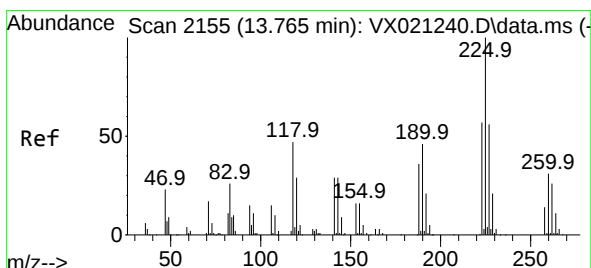
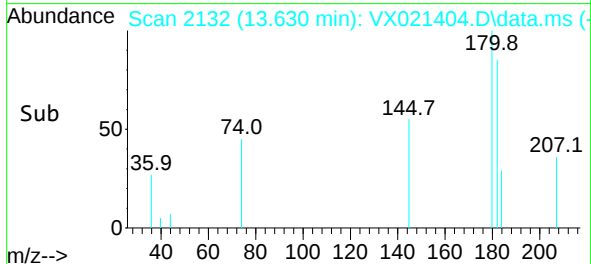
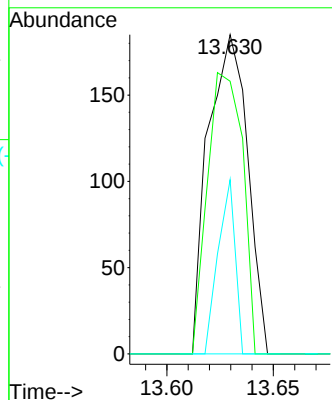
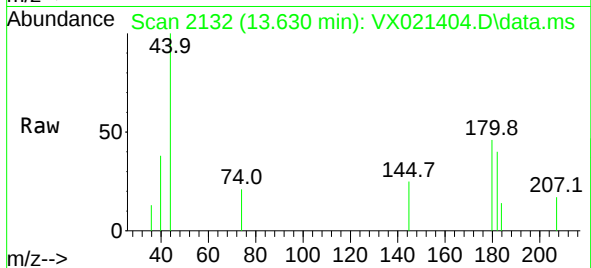




#93
1,2,4-Trichlorobenzene
Concen: 0.25 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:180 Resp: 238
Ion Ratio Lower Upper
180 100
182 78.6 47.7 143.1
145 23.5 15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VX021404.D
Acq: 23 Mar 2021 23:34

Tgt Ion:225 Resp: 115
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 16.5 31.6 95.0#

