

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021161.D
 Acq On : 11 Mar 2021 17:13
 Operator : JC/MD
 Sample : M1647-18 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:22:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

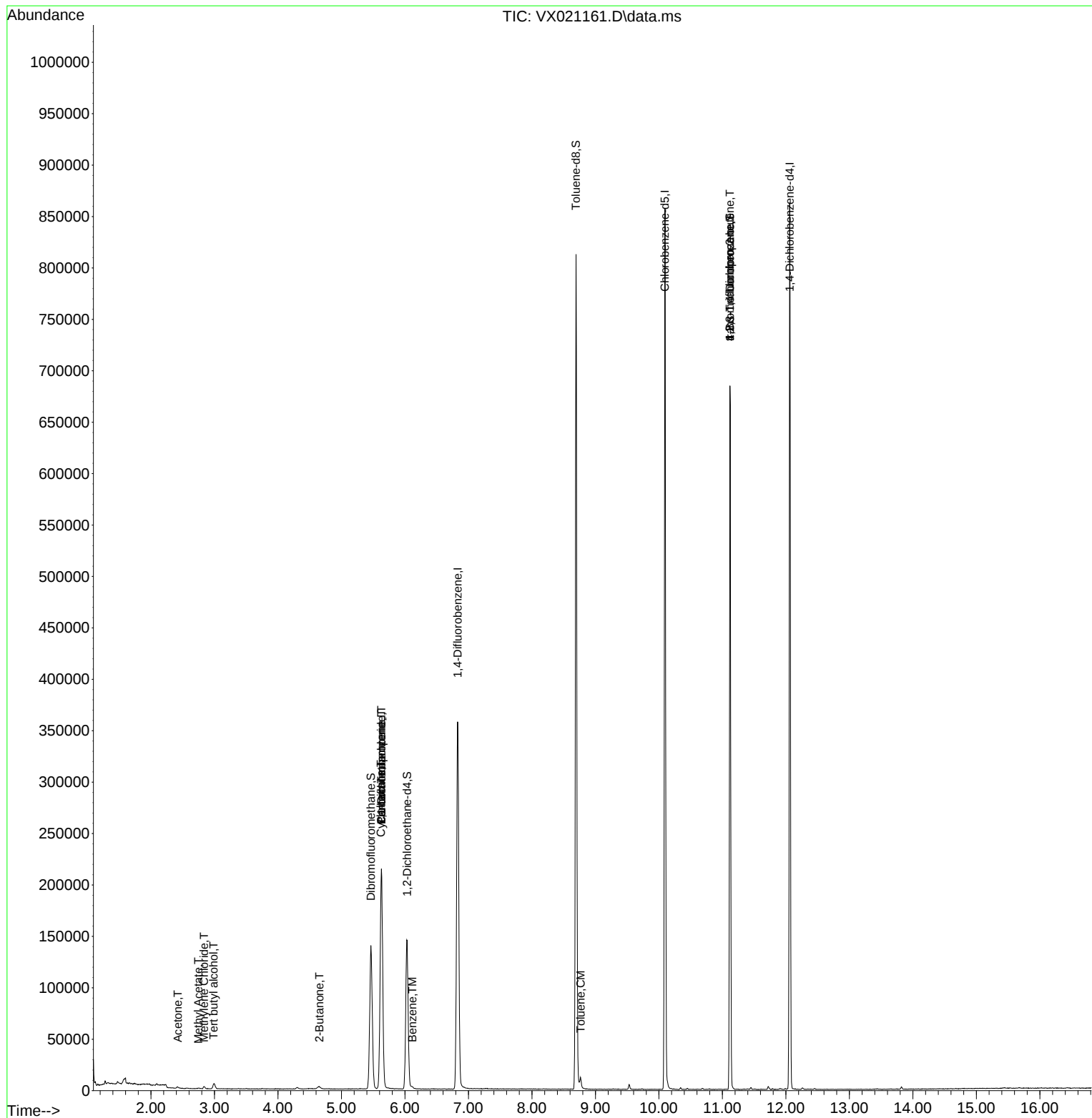
Internal Standards						
1) Pentafluorobenzene	5.629	168	213401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	382667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	389795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	181373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	138514	48.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.10%
35) Dibromofluoromethane	5.464	113	121033	52.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.12%
50) Toluene-d8	8.694	98	488960	53.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.88%
62) 4-Bromofluorobenzene	11.118	95	194197	57.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.86%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	359	Below Cal	#	72
11) Tert butyl alcohol	2.987	59	3113	4.85	ug/l #	73
16) Acetone	2.423	43	1383	1.16	ug/l #	87
18) Methyl Acetate	2.746	43	626	0.22	ug/l	96
20) Methylene Chloride	2.834	84	1087	0.38	ug/l	96
25) 2-Butanone	4.652	43	685	0.38	ug/l #	45
31) Cyclohexane	5.623	56	3907	0.94	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16012	4.40	ug/l #	47
38) Carbon Tetrachloride	5.629	117	19720	5.60	ug/l #	17
40) Benzene	6.117	78	2336	0.21	ug/l	99
52) Toluene	8.765	92	3194	0.47	ug/l	95
76) 1,2,3-Trichloropropane	11.118	75	92169	23.62	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	92169	52.30	ug/l #	12

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

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Data File : VX021161.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 12 02:22:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

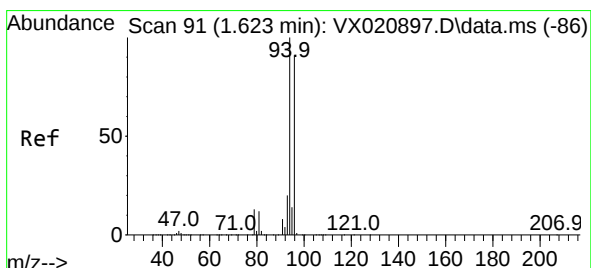
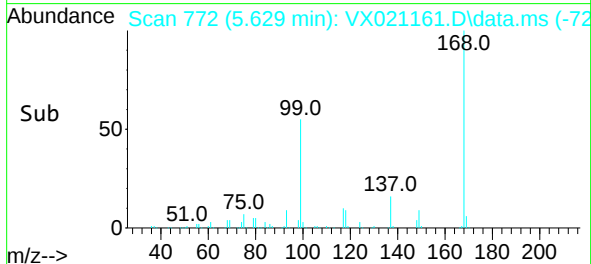
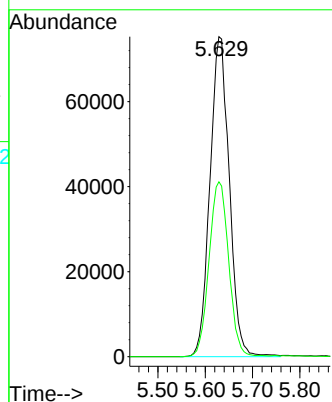
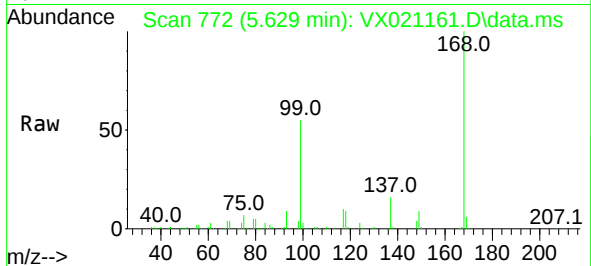




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

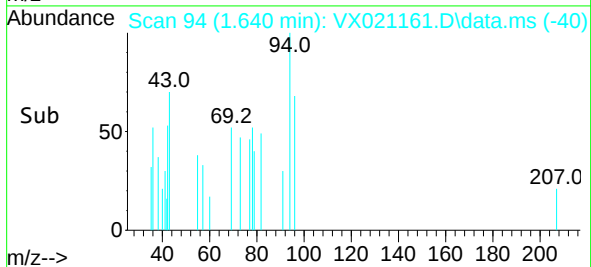
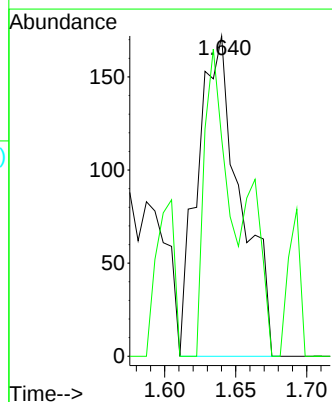
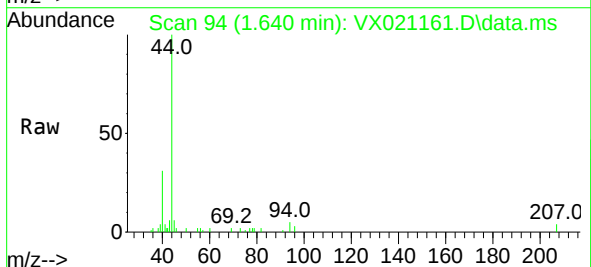
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 213401
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 68.0 76.4 114.6#

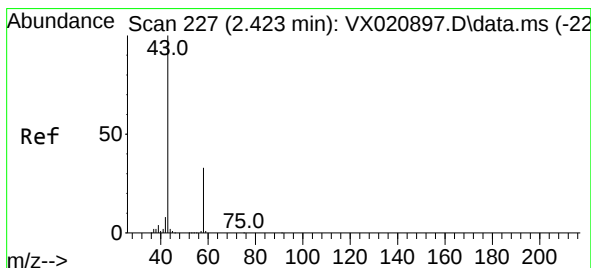
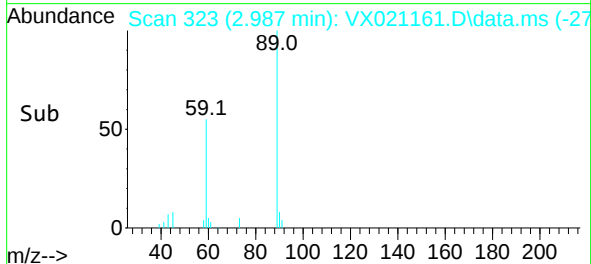
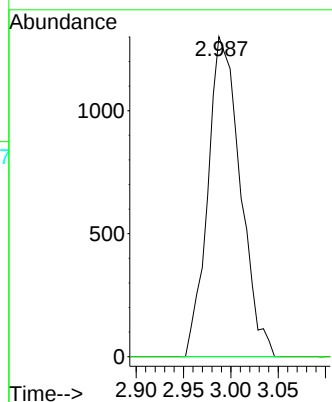
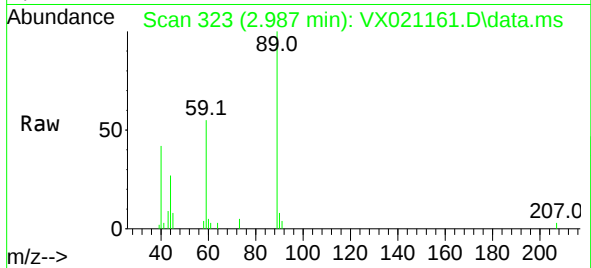




#11
Tert butyl alcohol
Concen: 4.85 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

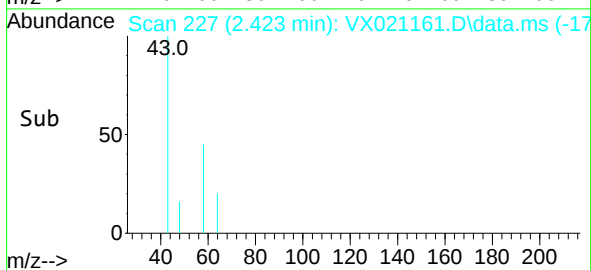
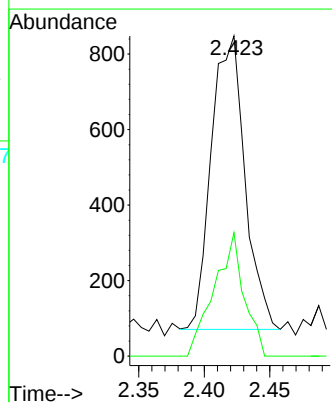
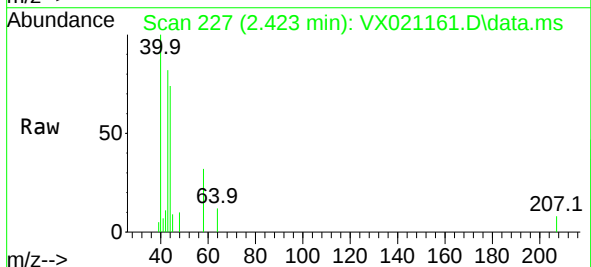
Instrument :
MSVOA_X
ClientSampled :

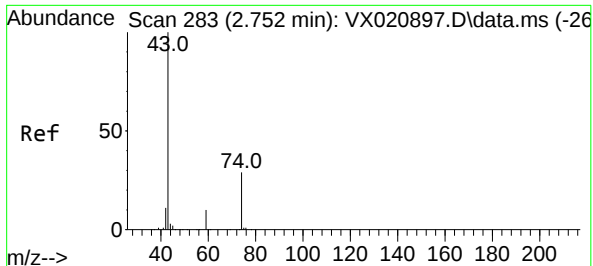
Tgt Ion: 59 Resp: 3113
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.16 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
58 42.1 27.8 41.8#





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX021161.D

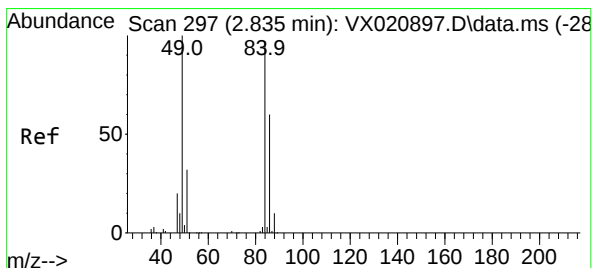
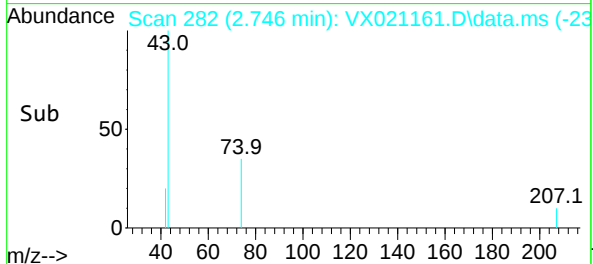
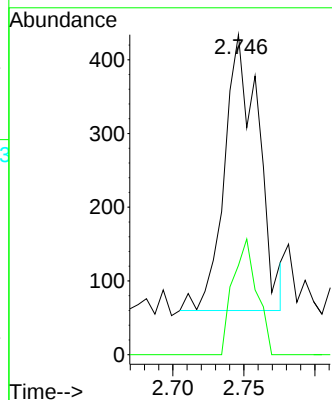
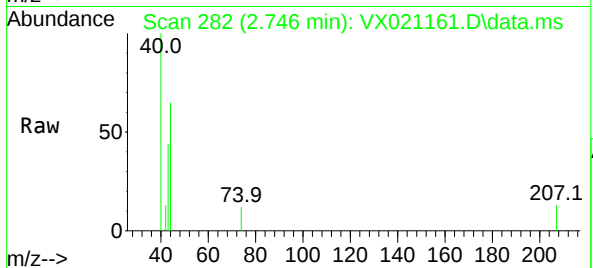
Acq: 11 Mar 2021 17:13

Tgt Ion: 43 Resp: 626

Ion Ratio Lower Upper

43 100

74 29.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021161.D

Acq: 11 Mar 2021 17:13

Tgt Ion: 84 Resp: 1087

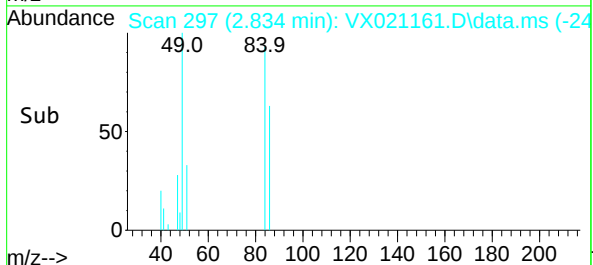
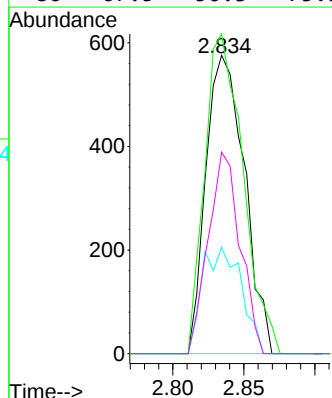
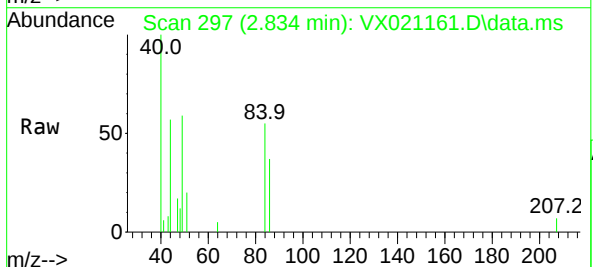
Ion Ratio Lower Upper

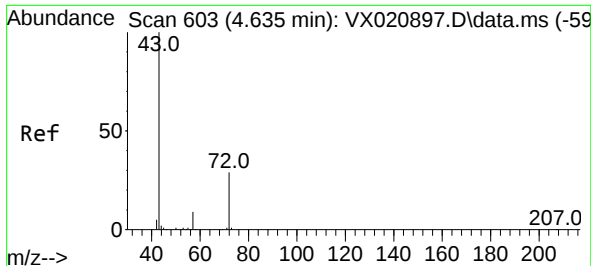
84 100

49 107.1 88.6 132.8

51 35.6 27.0 40.6

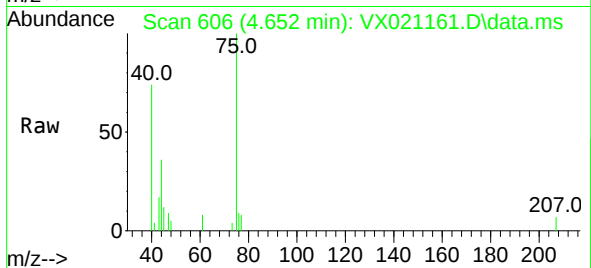
86 67.5 50.3 75.5



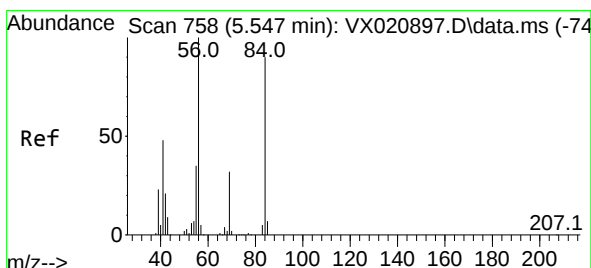
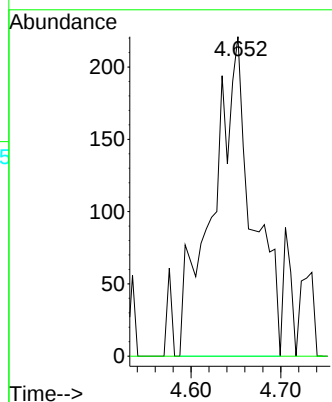
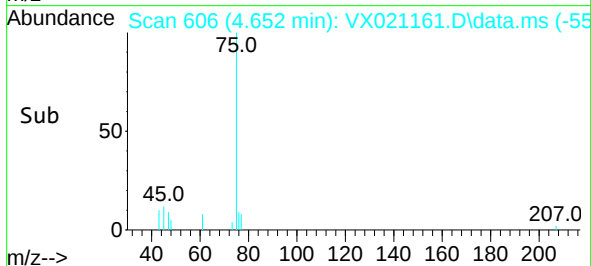


#25
2-Butanone
Concen: 0.38 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.018 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

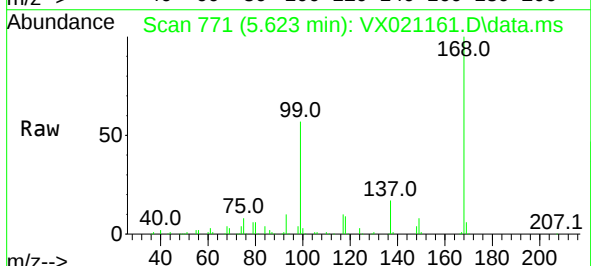
Instrument :
MSVOA_X
ClientSampled :



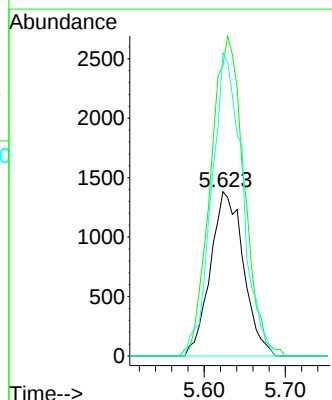
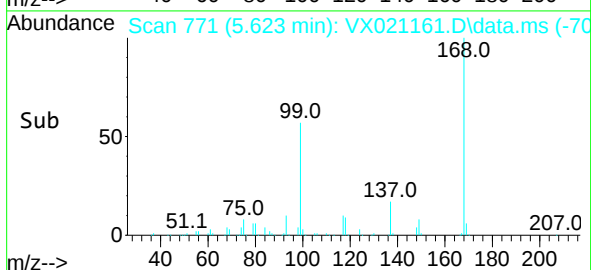
Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

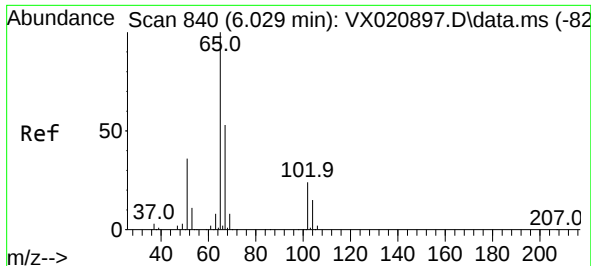


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13



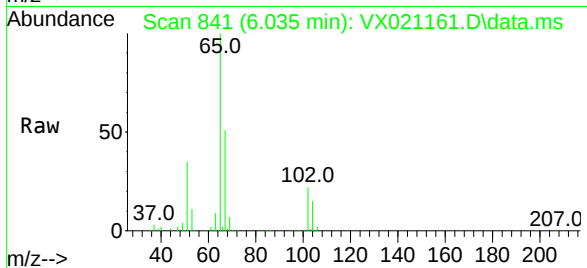
Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
69 176.8 25.3 37.9#
84 184.4 71.4 107.0#



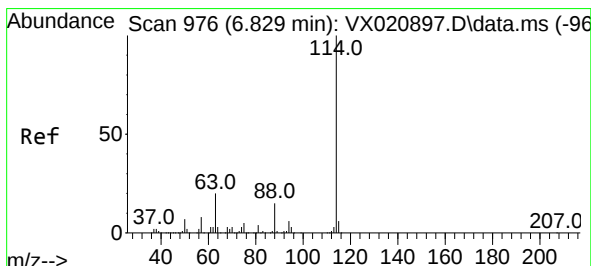
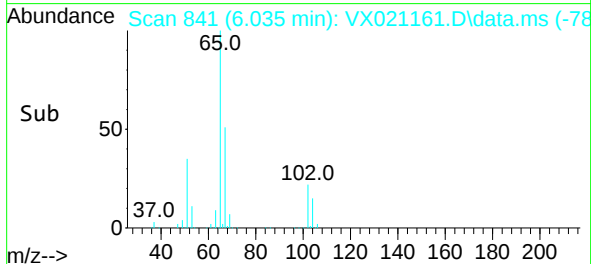
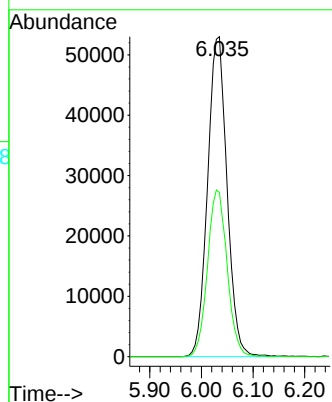


#33
 1,2-Dichloroethane-d4
 Concen: 48.05 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021161.D
 Acq: 11 Mar 2021 17:13

Instrument :
 MSVOA_X
 ClientSampled :

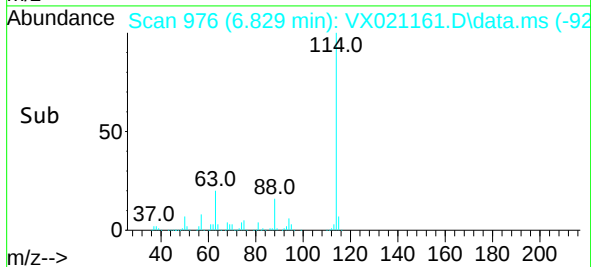
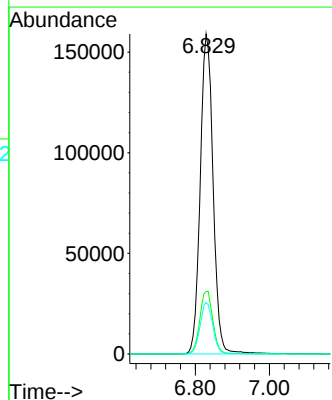
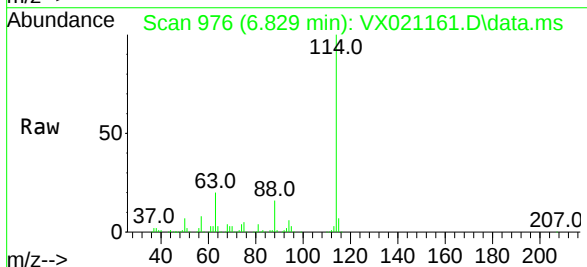


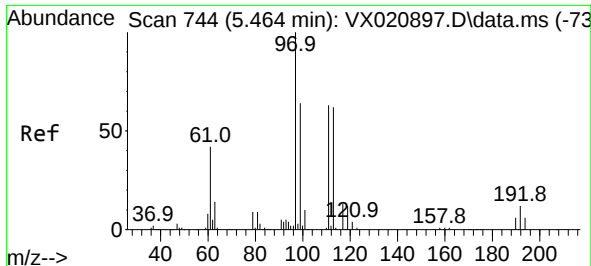
Tgt Ion: 65 Resp: 138514
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021161.D
 Acq: 11 Mar 2021 17:13

Tgt Ion: 114 Resp: 382667
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 16.1 0.0 32.8

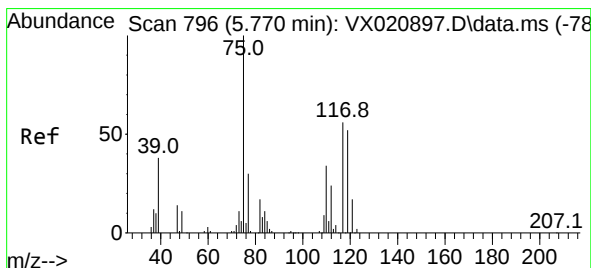
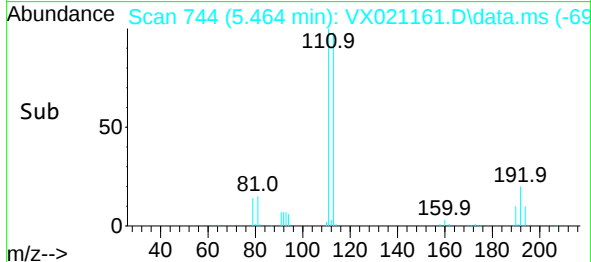
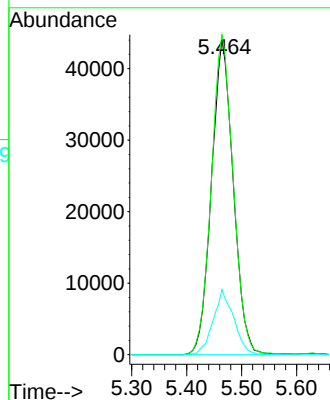
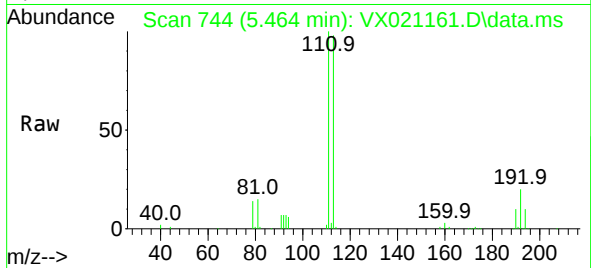




#35
Dibromofluoromethane
Concen: 52.06 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

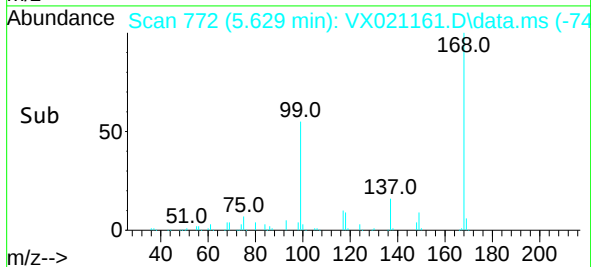
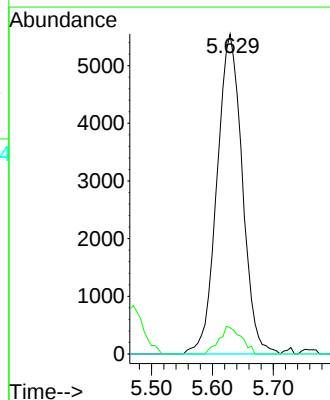
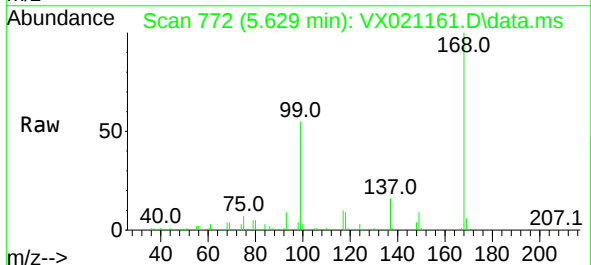
Instrument :
MSVOA_X
ClientSampleId :

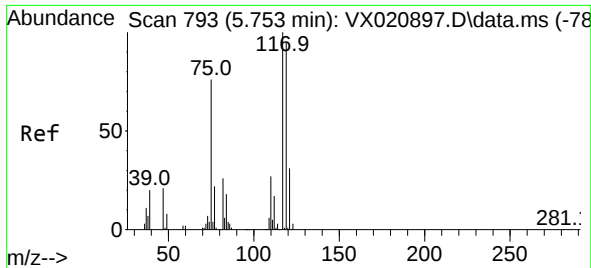
Tgt Ion:113 Resp: 121033
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

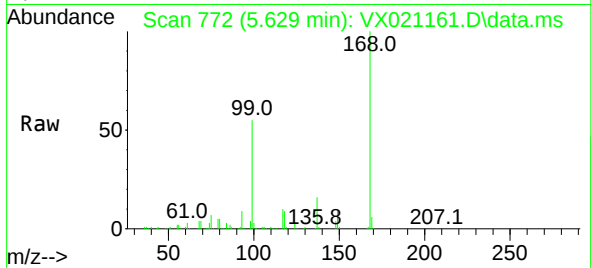
Tgt Ion: 75 Resp: 16012
Ion Ratio Lower Upper
75 100
110 7.5 18.1 54.4#
77 0.0 25.3 37.9#



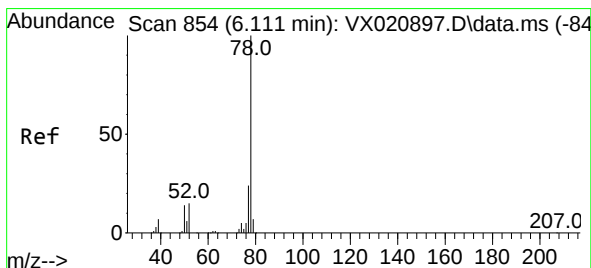
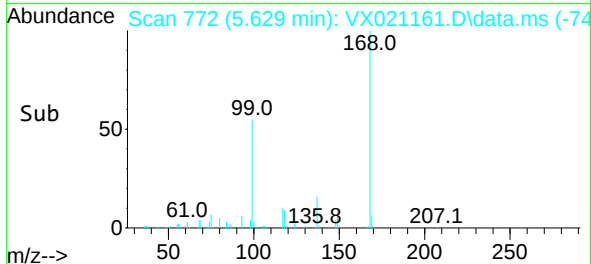
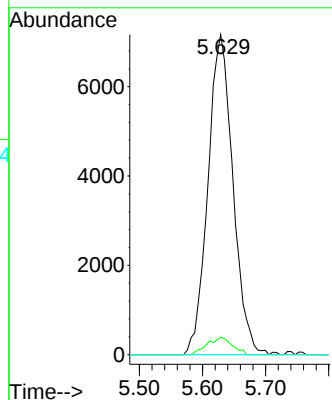


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

Instrument :
MSVOA_X
ClientSampleId :

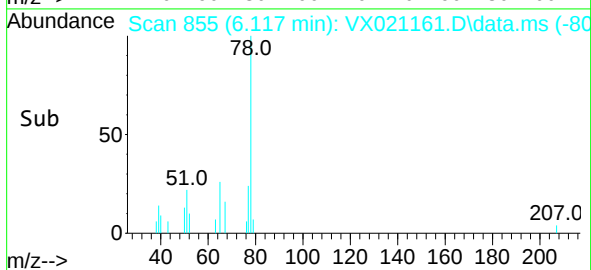
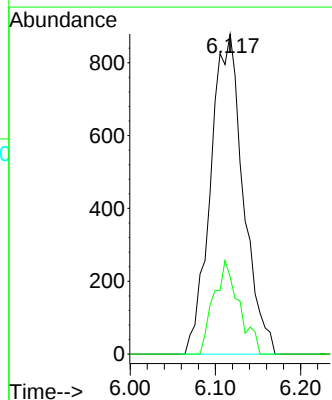
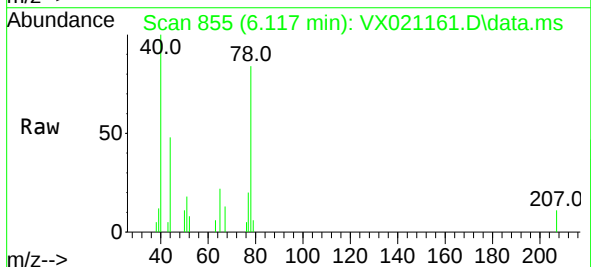


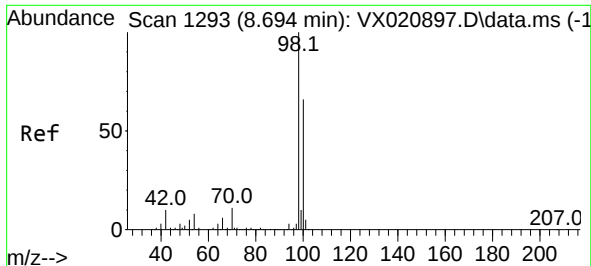
Tgt Ion: 117 Resp: 19720
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 0.21 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

Tgt Ion: 78 Resp: 2336
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

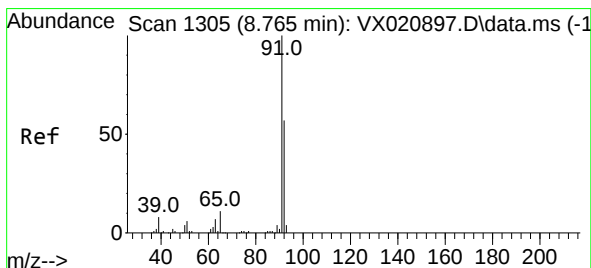
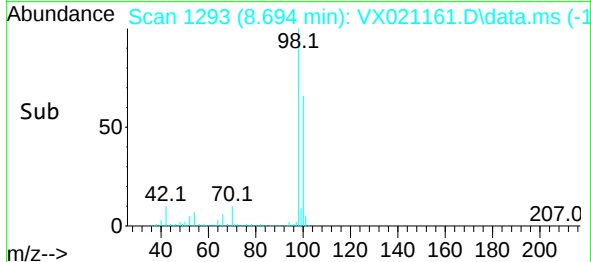
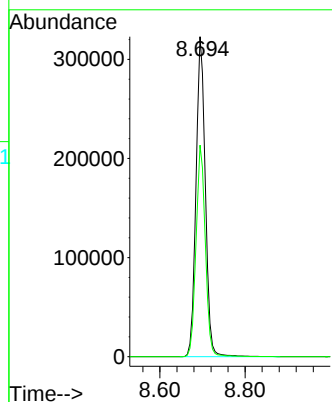
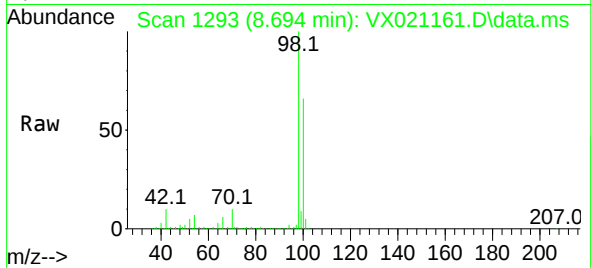




#50
Toluene-d8
Concen: 53.94 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

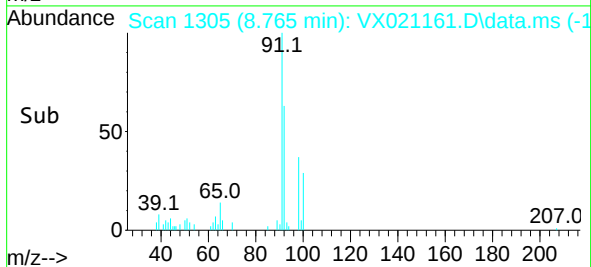
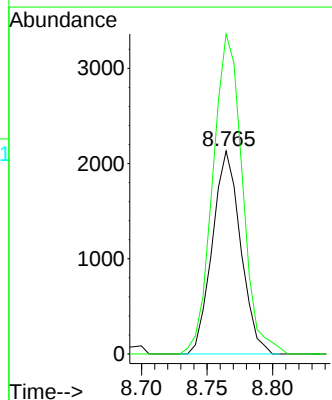
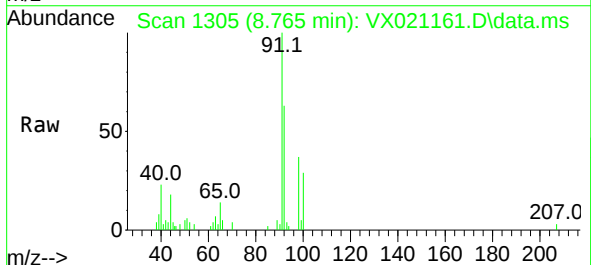
Instrument :
MSVOA_X
ClientSampleId :

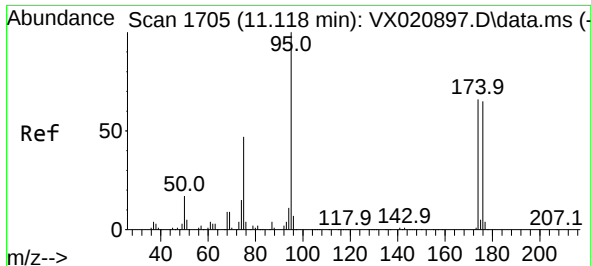
Tgt Ion: 98 Resp: 488960
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#52
Toluene
Concen: 0.47 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

Tgt Ion: 92 Resp: 3194
Ion Ratio Lower Upper
92 100
91 164.9 137.1 205.7

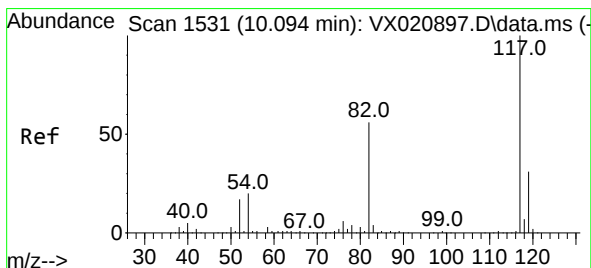
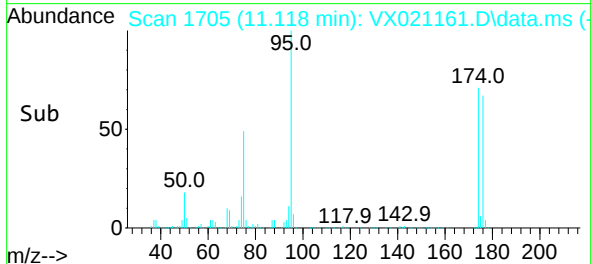
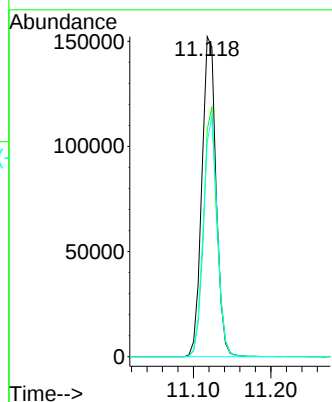
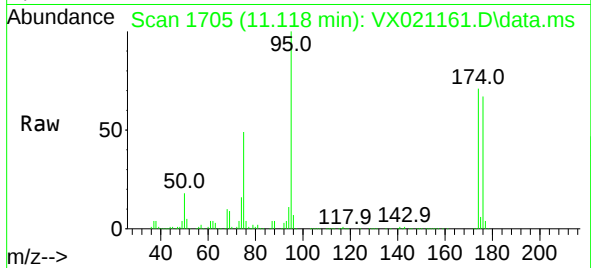




#62
4-Bromofluorobenzene
Concen: 57.93 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

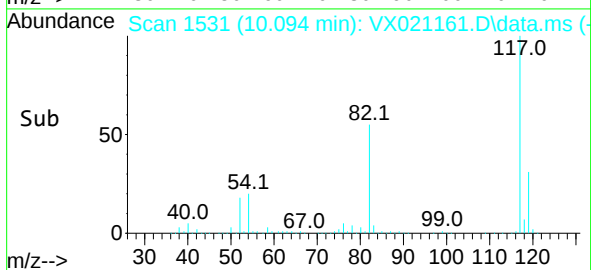
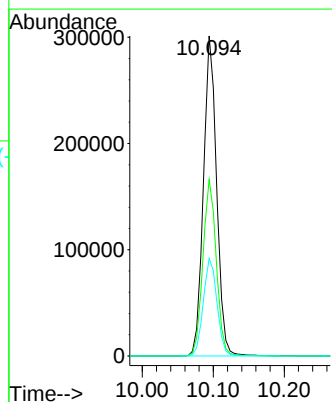
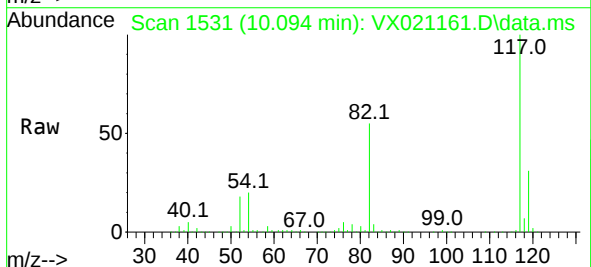
Instrument :
MSVOA_X
ClientSampleId :

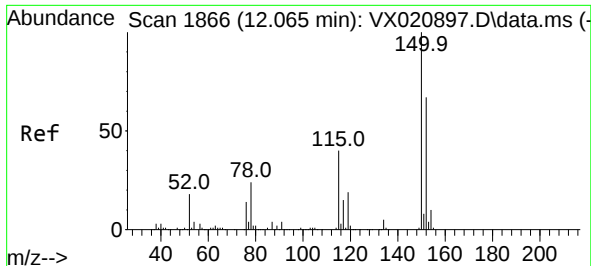
Tgt Ion: 95 Resp: 194197
Ion Ratio Lower Upper
95 100
174 73.8 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

Tgt Ion: 117 Resp: 389795
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 30.5 26.6 39.8

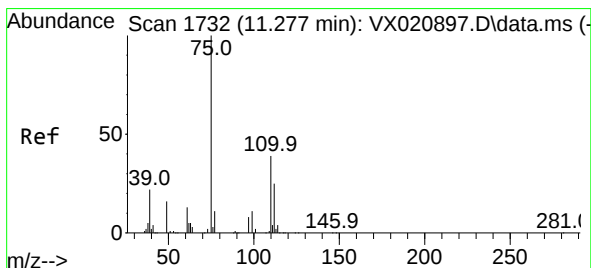
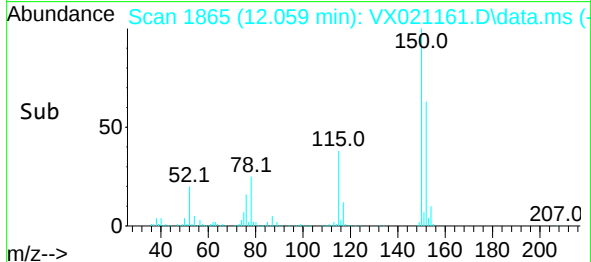
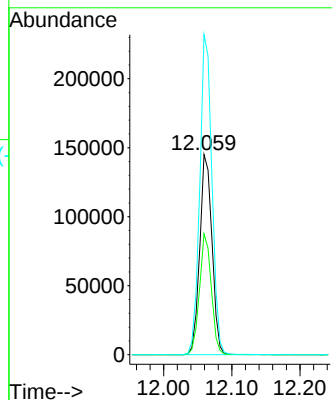
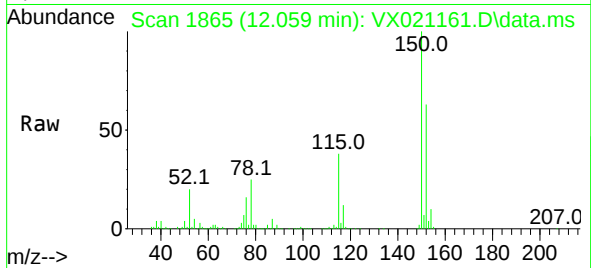




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

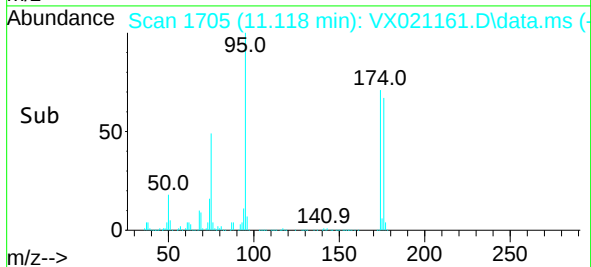
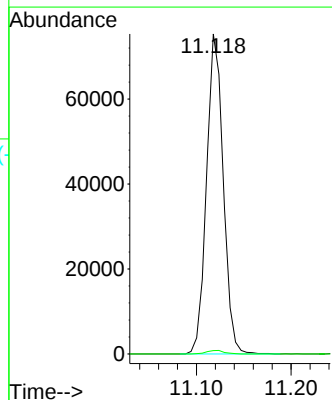
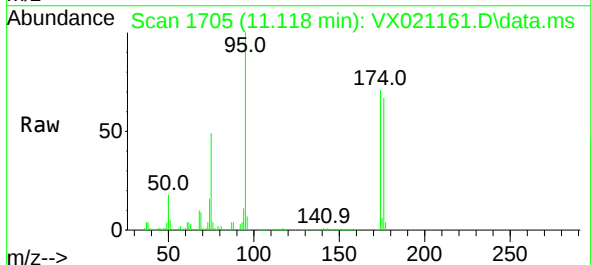
Instrument :
MSVOA_X
ClientSampled :

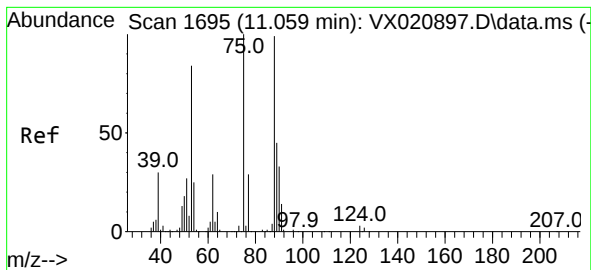
Tgt Ion:152 Resp: 181373
Ion Ratio Lower Upper
152 100
115 58.3 41.1 123.3
150 158.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021161.D
Acq: 11 Mar 2021 17:13

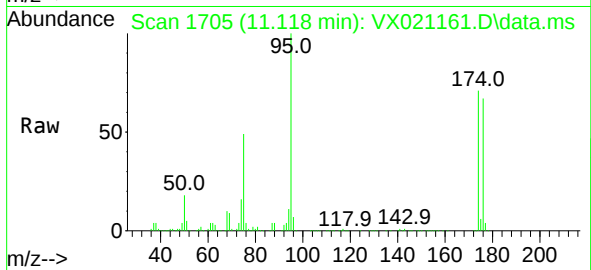
Tgt Ion: 75 Resp: 92169
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.30 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021161.D
 Acq: 11 Mar 2021 17:13

Instrument :
 MSVOA_X
 ClientSampleId :



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

