

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021160.D
 Acq On : 11 Mar 2021 16:50
 Operator : JC/MD
 Sample : M1647-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:22:15 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)

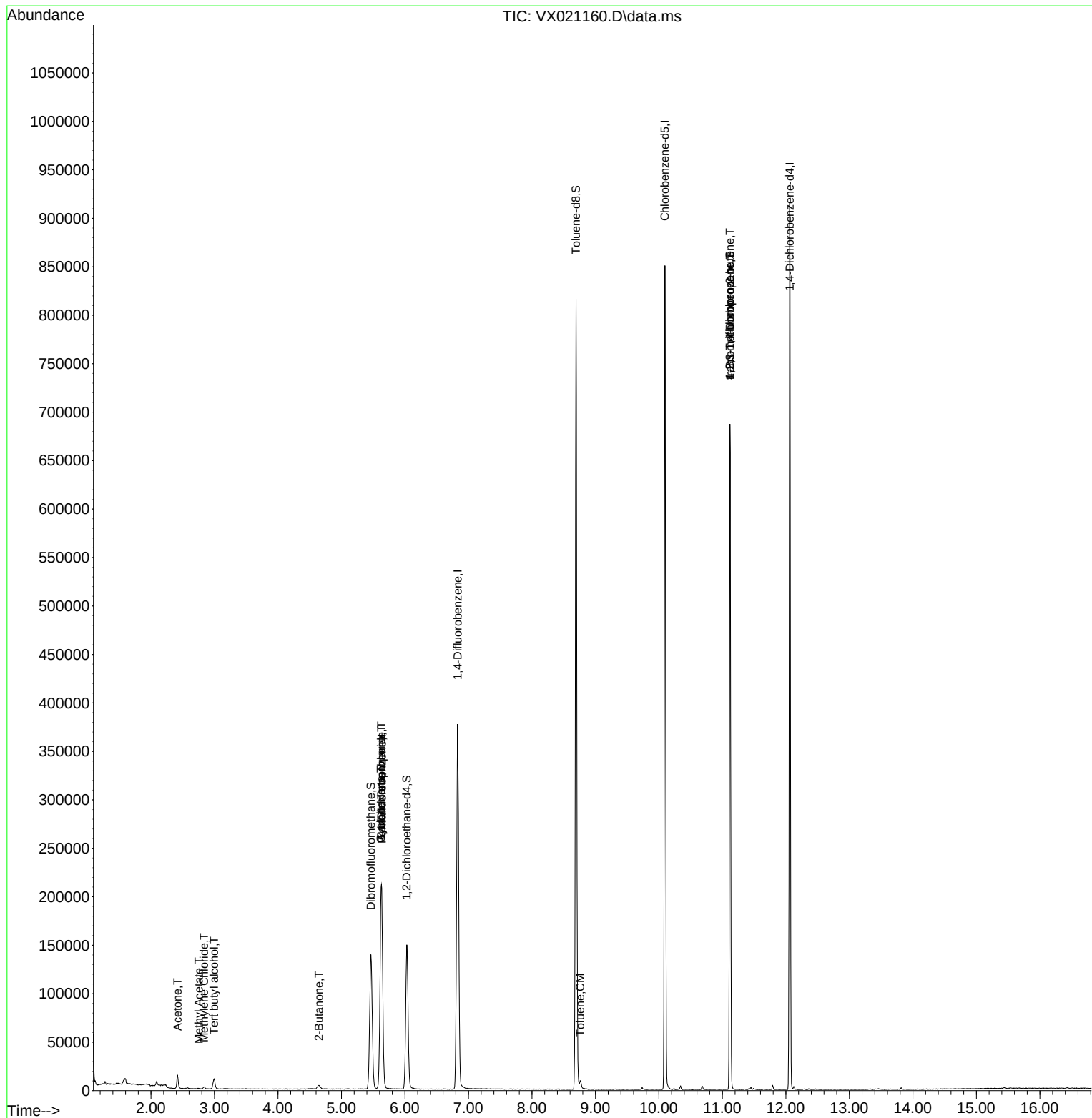
Internal Standards						
1) Pentafluorobenzene	5.635	168	214624	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	389782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	395396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	191734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	139253	48.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.06%		
35) Dibromofluoromethane	5.464	113	120493	50.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.76%		
50) Toluene-d8	8.694	98	486034	52.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.28%		
62) 4-Bromofluorobenzene	11.118	95	196291	57.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.98%		
Target Compounds						
5) Bromomethane	1.634	94	245	Below Cal	#	68
11) Tert butyl alcohol	2.993	59	6061	9.39	ug/l #	76
16) Acetone	2.417	43	13712	11.48	ug/l	99
18) Methyl Acetate	2.752	43	789	0.28	ug/l #	71
20) Methylene Chloride	2.834	84	952	0.33	ug/l	90
25) 2-Butanone	4.646	43	698	0.38	ug/l #	45
31) Cyclohexane	5.623	56	4064	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16702	4.51	ug/l #	48
38) Carbon Tetrachloride	5.629	117	20231	5.64	ug/l #	16
52) Toluene	8.759	92	2586	0.37	ug/l	91
76) 1,2,3-Trichloropropane	11.118	75	94105	22.81	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	94105	50.51	ug/l #	12

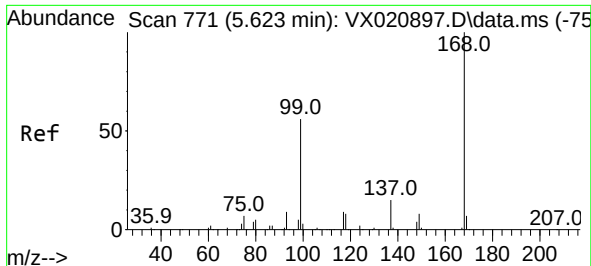
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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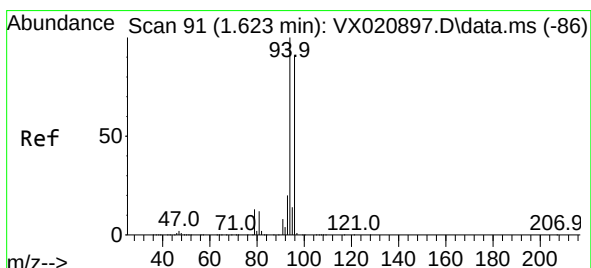
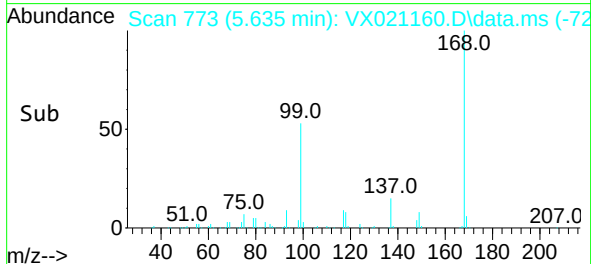
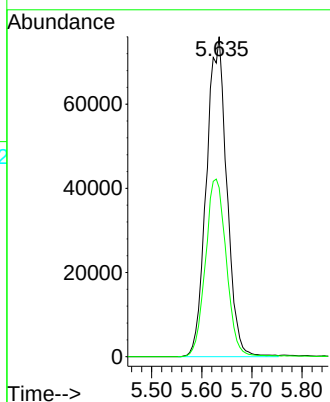
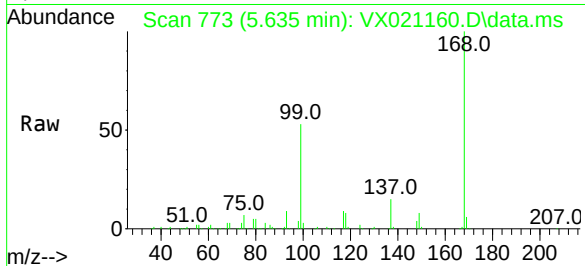




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

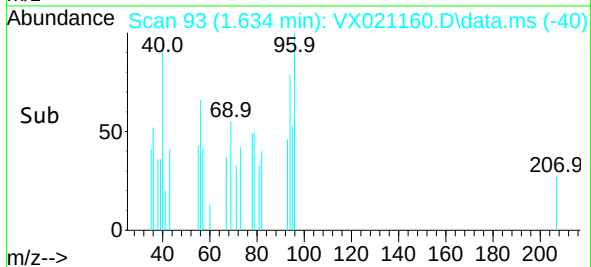
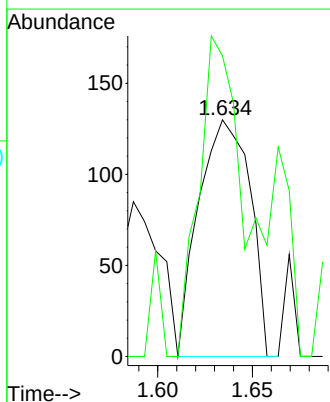
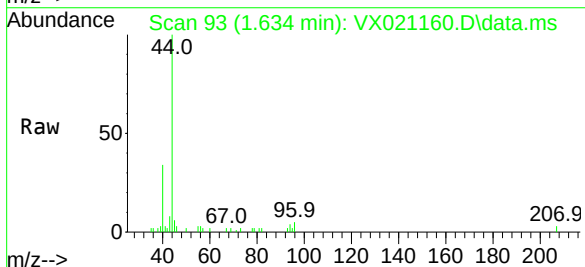
Instrument :
MSVOA_X
ClientSampleId :

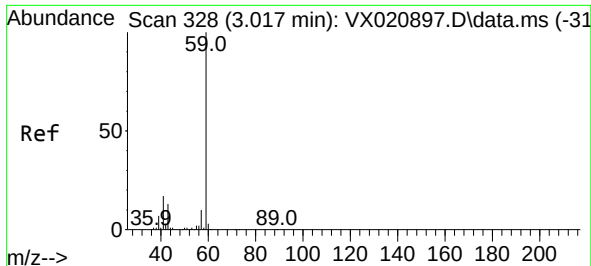
Tgt Ion:168 Resp: 214624
Ion Ratio Lower Upper
168 100
99 52.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 126.9 76.4 114.6#

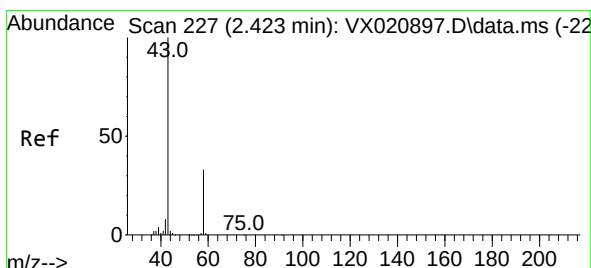
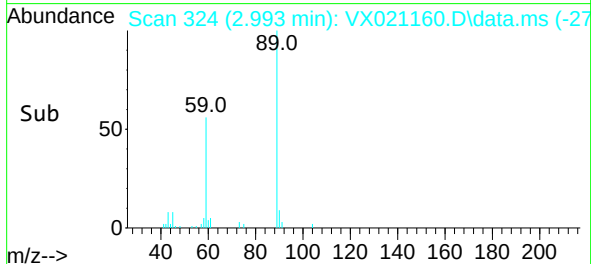
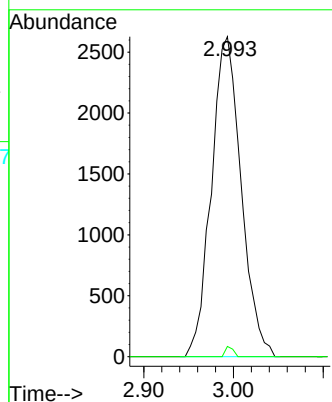
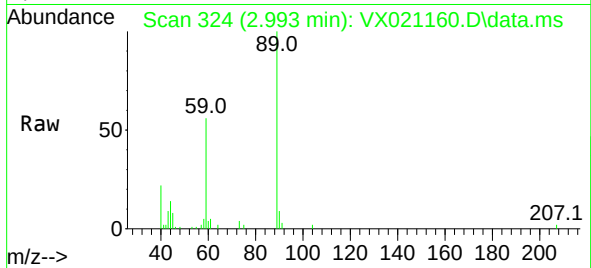




#11
Tert butyl alcohol
Concen: 9.39 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

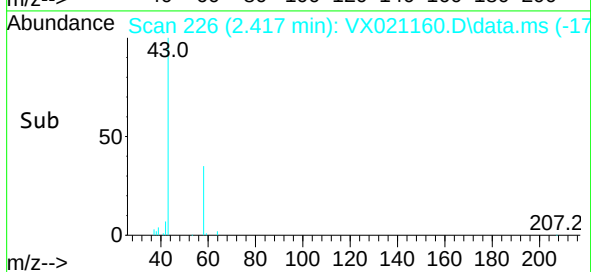
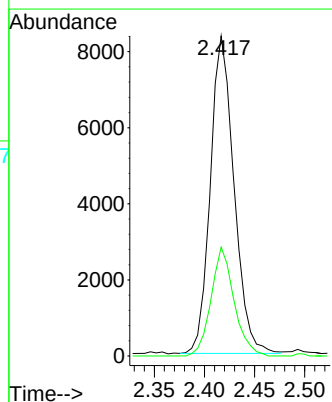
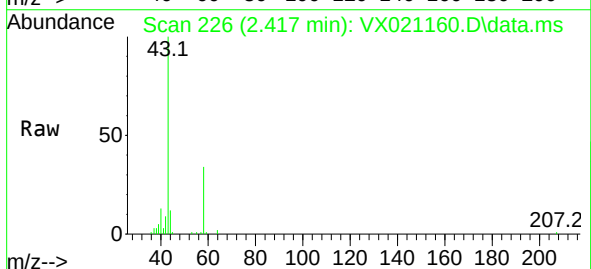
Instrument :
MSVOA_X
ClientSampled :

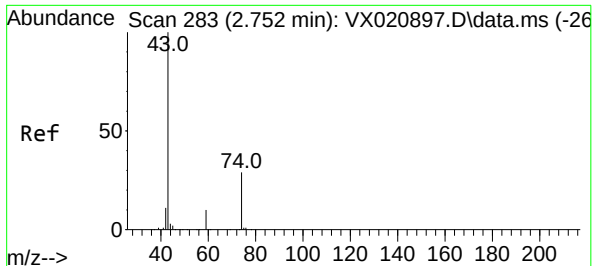
Tgt Ion: 59 Resp: 6061
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#



#16
Acetone
Concen: 11.48 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion: 43 Resp: 13712
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8





#18

Methyl Acetate

Concen: 0.28 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021160.D

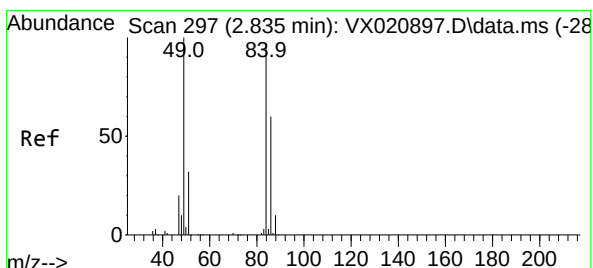
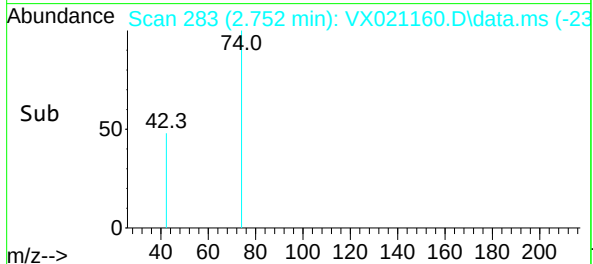
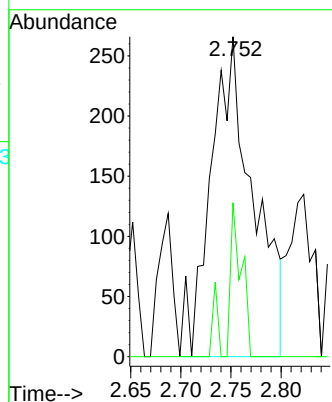
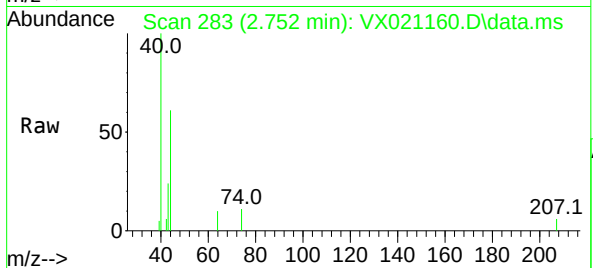
Acq: 11 Mar 2021 16:50

Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

74 12.3 21.9 32.9#



#20

Methylene Chloride

Concen: 0.33 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021160.D

Acq: 11 Mar 2021 16:50

Tgt Ion: 84 Resp: 952

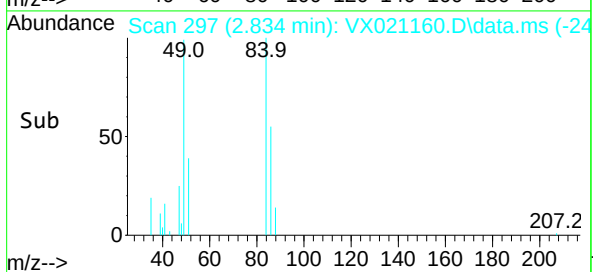
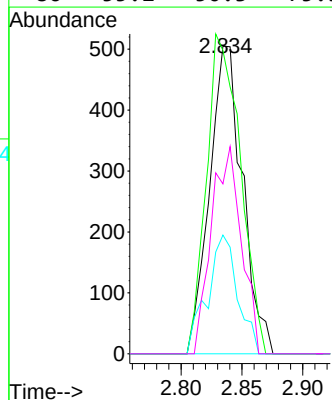
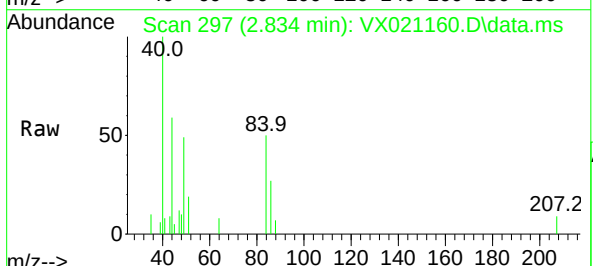
Ion Ratio Lower Upper

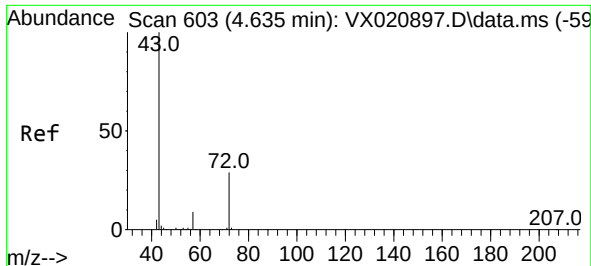
84 100

49 98.6 88.6 132.8

51 38.6 27.0 40.6

86 55.2 50.3 75.5

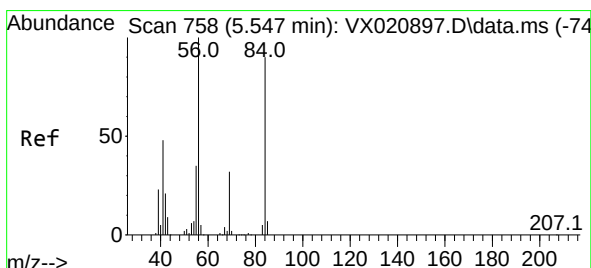
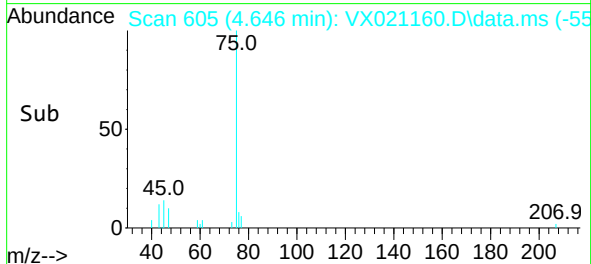
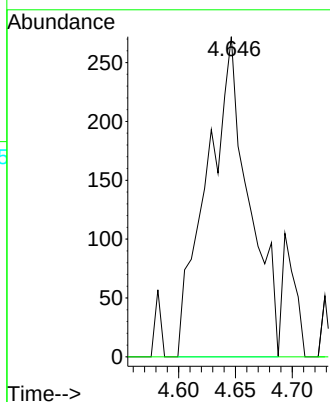
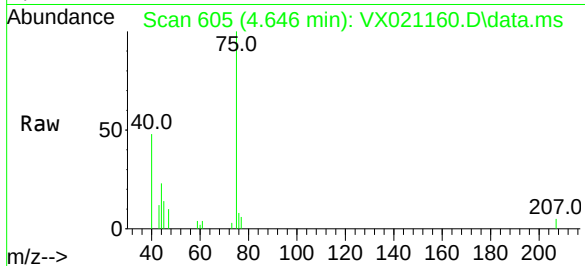




#25
2-Butanone
Concen: 0.38 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

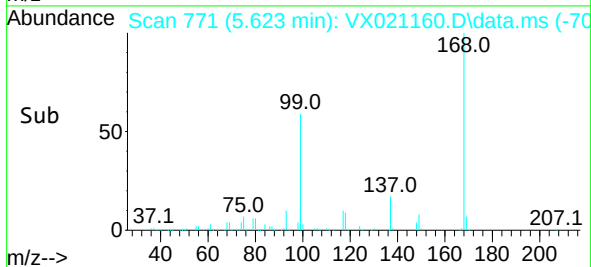
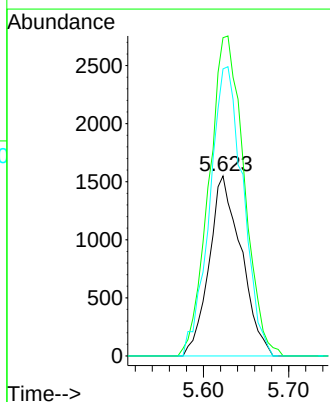
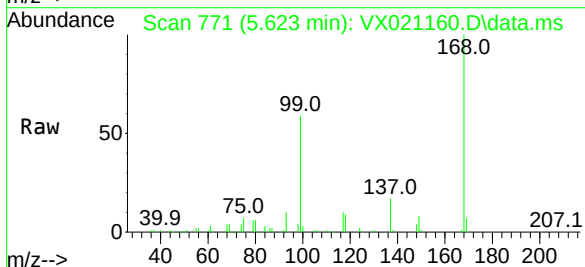
Instrument :
MSVOA_X
ClientSampleId :

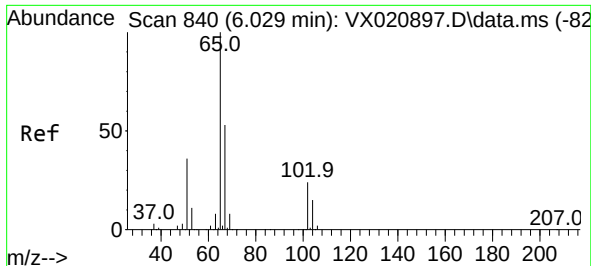
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion: 56 Resp: 4064
Ion Ratio Lower Upper
56 100
69 176.9 25.3 37.9#
84 159.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.03 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021160.D

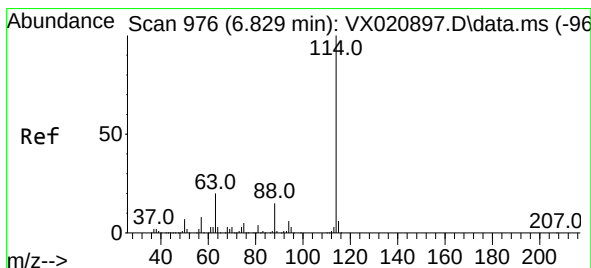
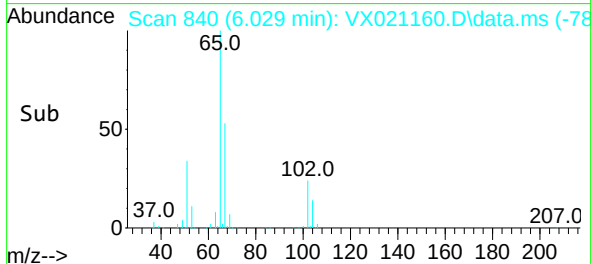
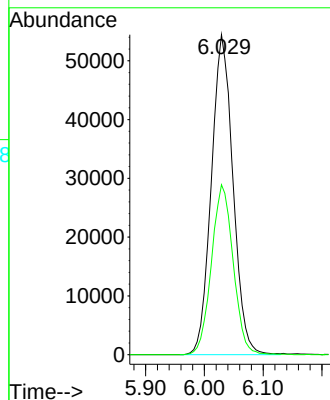
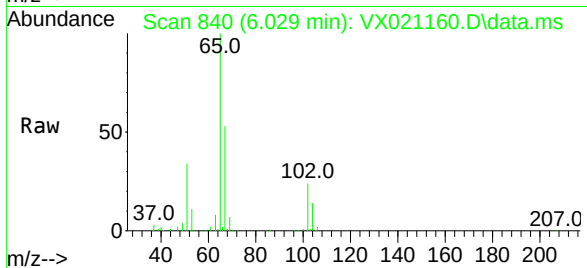
Acq: 11 Mar 2021 16:50

Tgt Ion: 65 Resp: 139253

Ion Ratio Lower Upper

65 100

67 53.4 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: VX021160.D

Acq: 11 Mar 2021 16:50

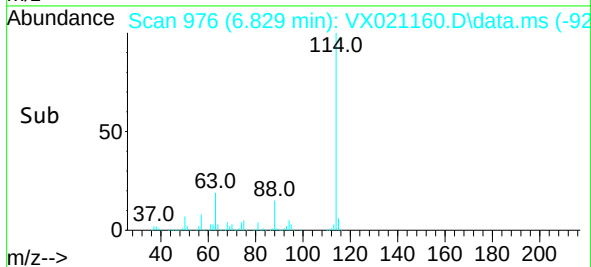
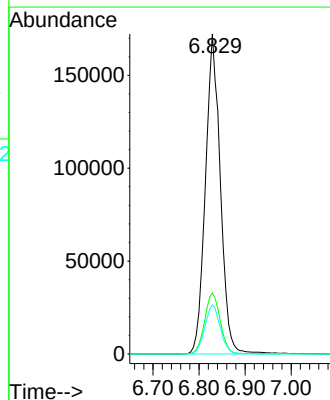
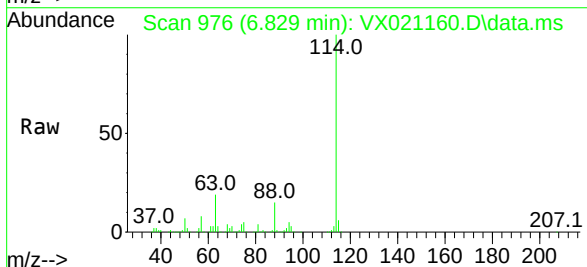
Tgt Ion: 114 Resp: 389782

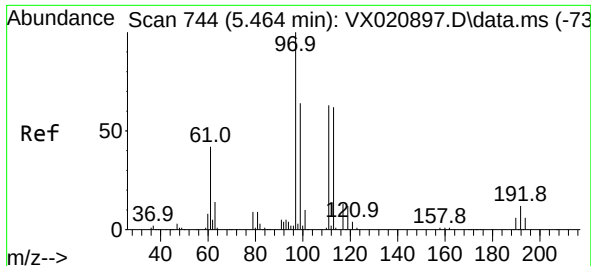
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 15.3 0.0 32.8

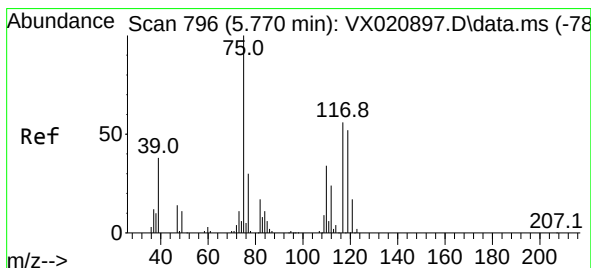
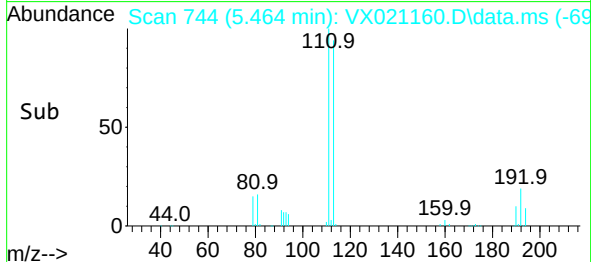
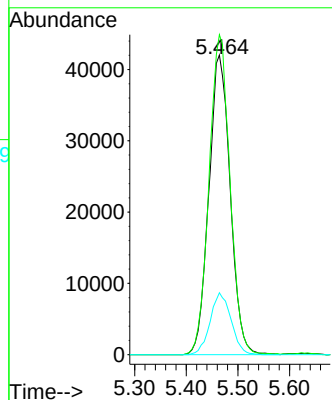
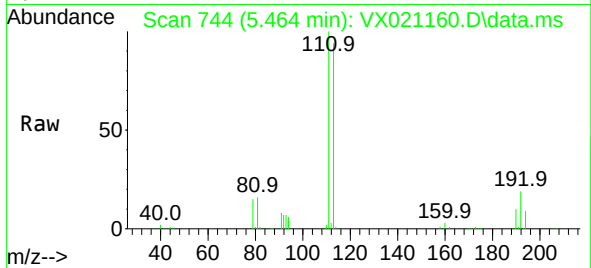




#35
Dibromofluoromethane
Concen: 50.88 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

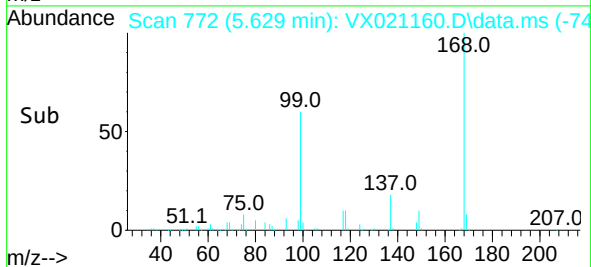
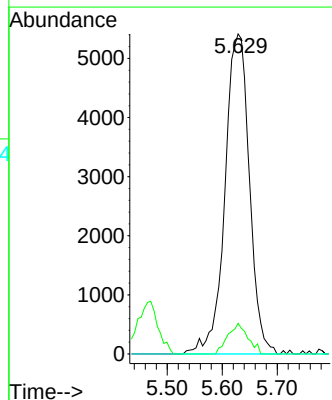
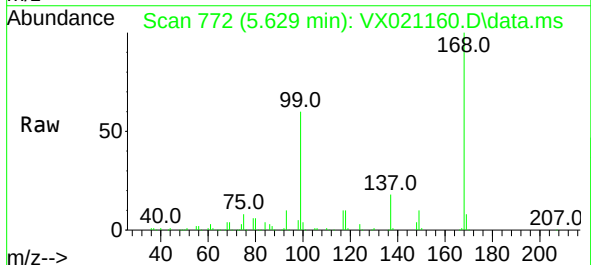
Instrument :
MSVOA_X
ClientSampleId :

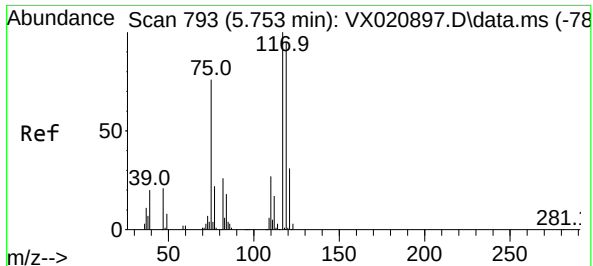
Tgt Ion:113 Resp: 120493
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion: 75 Resp: 16702
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#

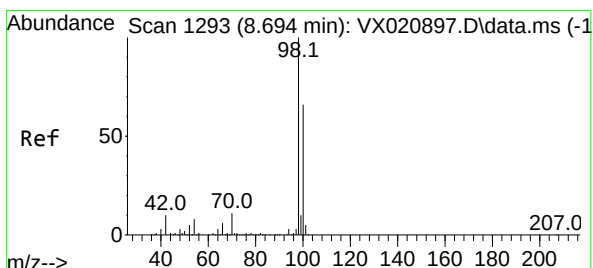
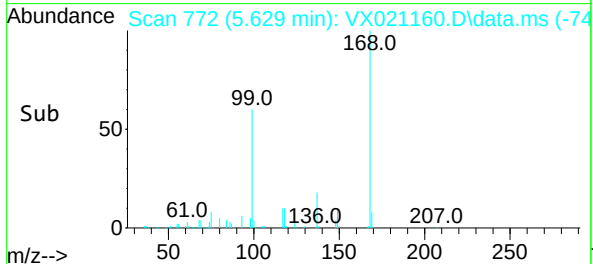
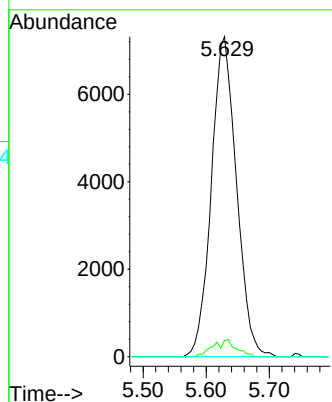
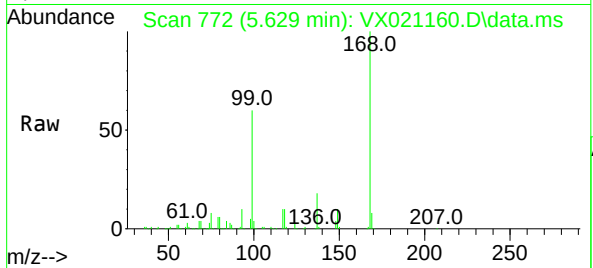




#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

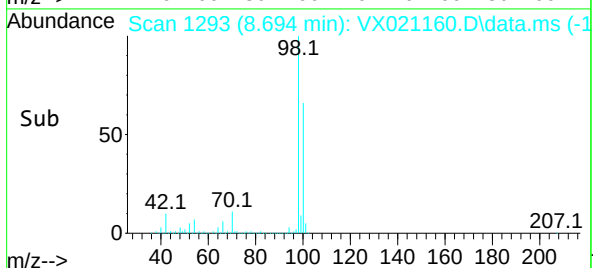
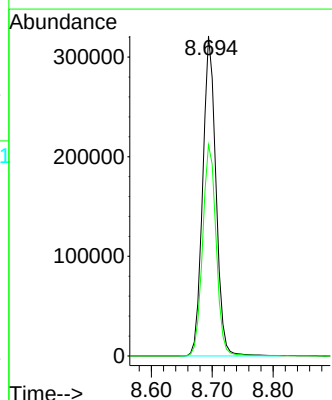
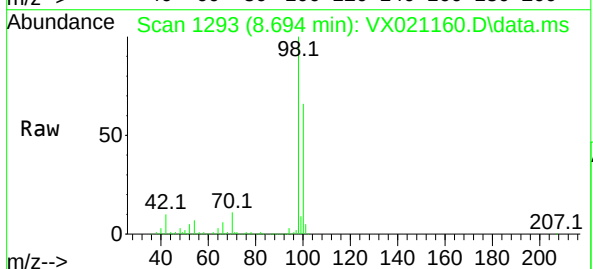
Instrument :
MSVOA_X
ClientSampleId :

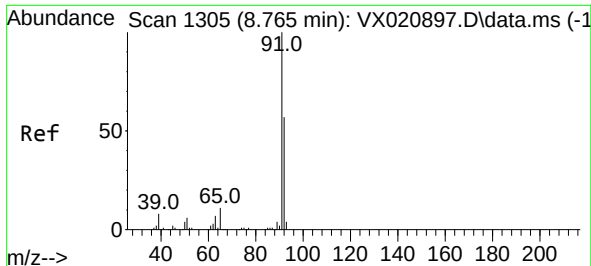
Tgt Ion:117 Resp: 20231
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.64 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion: 98 Resp: 486034
Ion Ratio Lower Upper
98 100
100 67.5 51.9 77.9

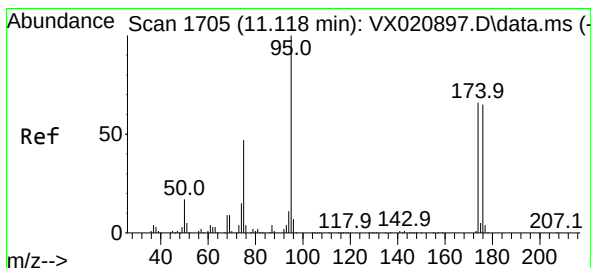
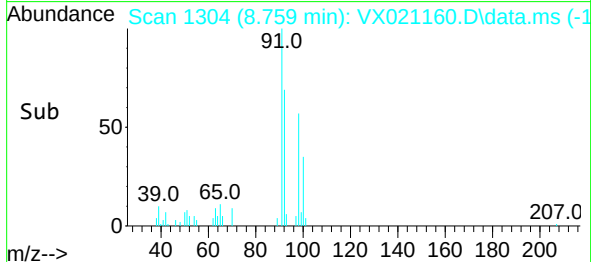
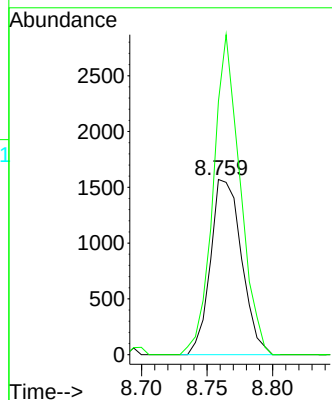
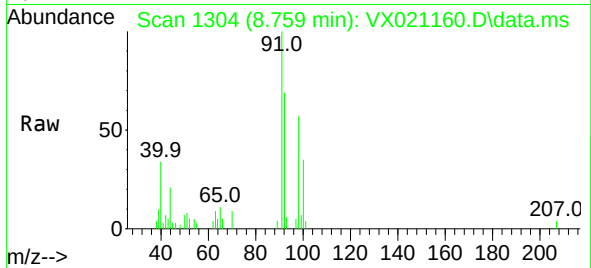




#52
Toluene
Concen: 0.37 ug/l
RT: 8.759 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

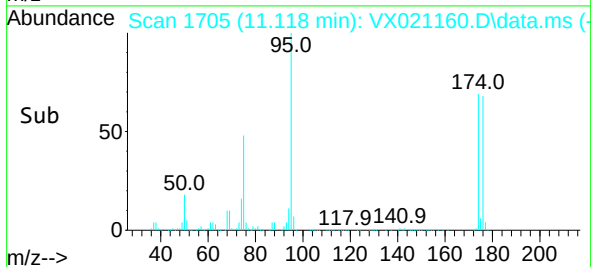
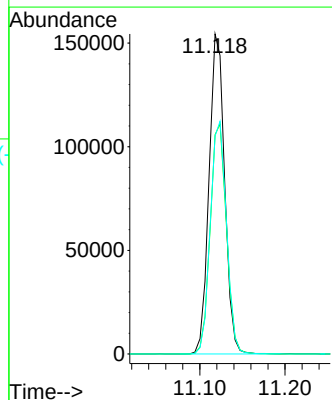
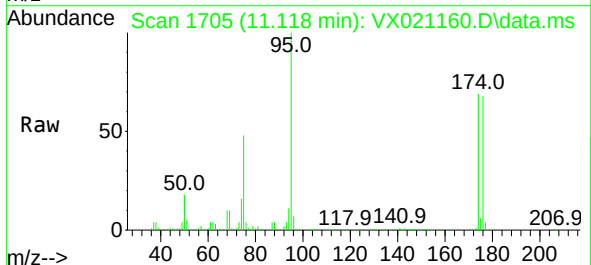
Instrument :
MSVOA_X
ClientSampled :

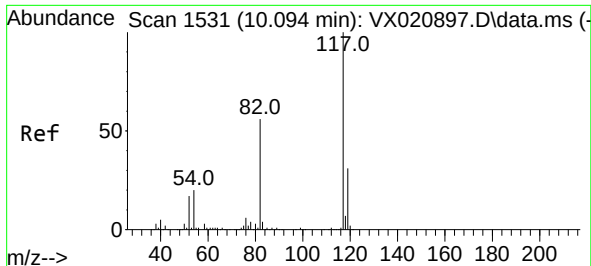
Tgt Ion: 92 Resp: 2586
Ion Ratio Lower Upper
92 100
91 158.5 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 57.49 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion: 95 Resp: 196291
Ion Ratio Lower Upper
95 100
174 74.8 0.0 154.6
176 75.5 0.0 155.8

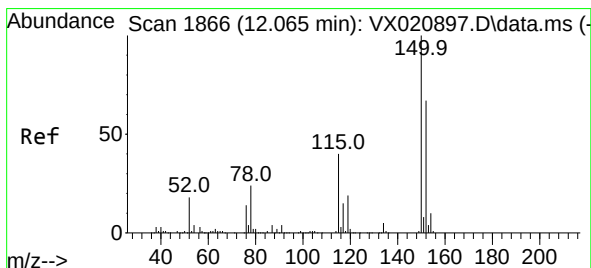
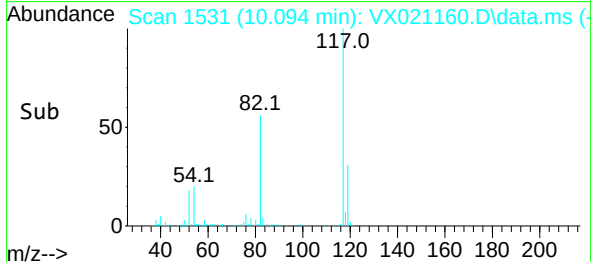
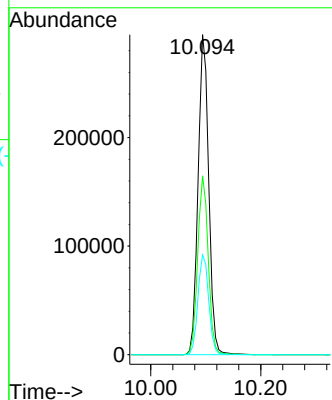
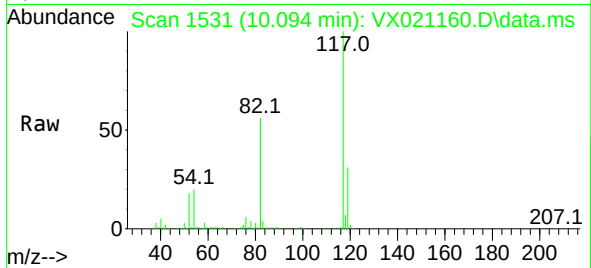




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

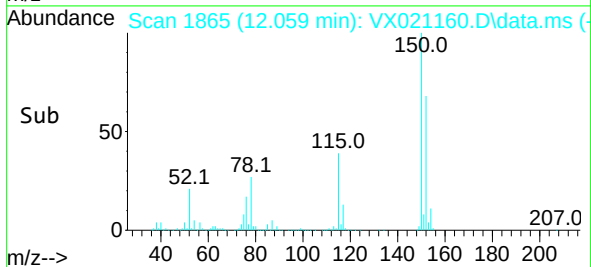
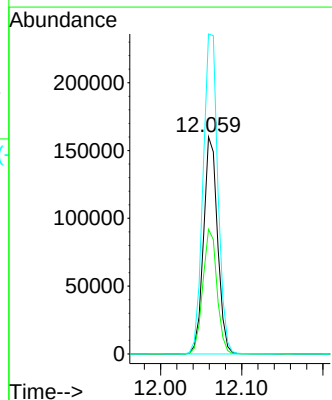
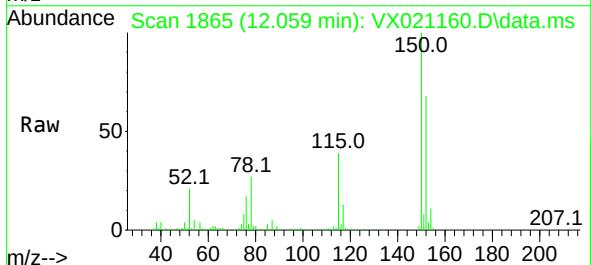
Instrument :
MSVOA_X
ClientSampled :

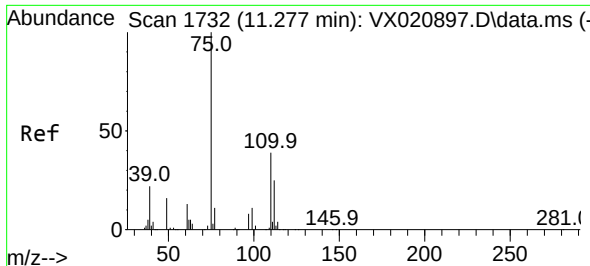
Tgt Ion:117 Resp: 395396
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion:152 Resp: 191734
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 156.2 0.0 349.0

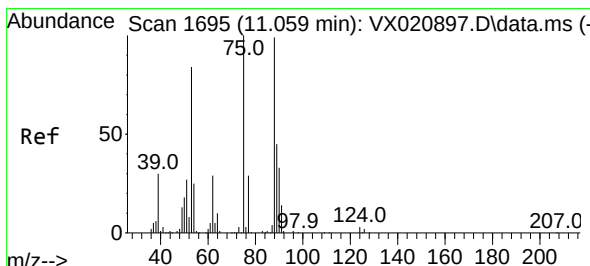
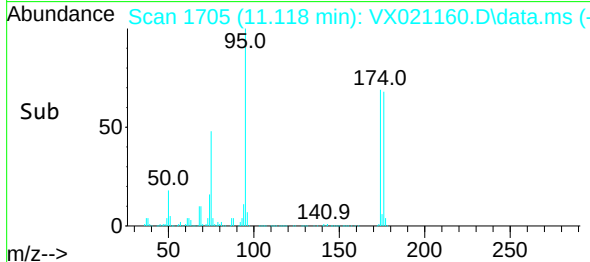
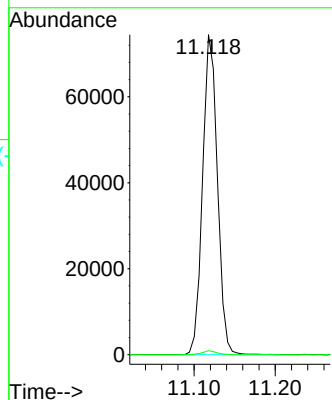
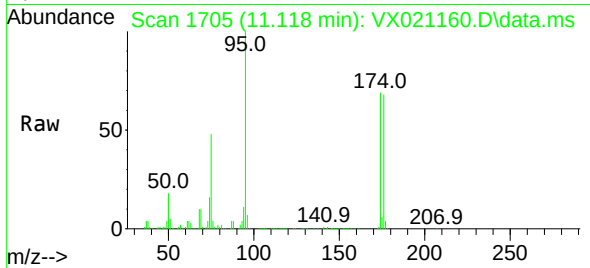




#76
1,2,3-Trichloropropane
Concen: 22.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 94105
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021160.D
Acq: 11 Mar 2021 16:50

Tgt Ion: 75 Resp: 94105
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

