

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021166.D
 Acq On : 11 Mar 2021 19:08
 Operator : JC/MD
 Sample : M1648-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:23:57 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)

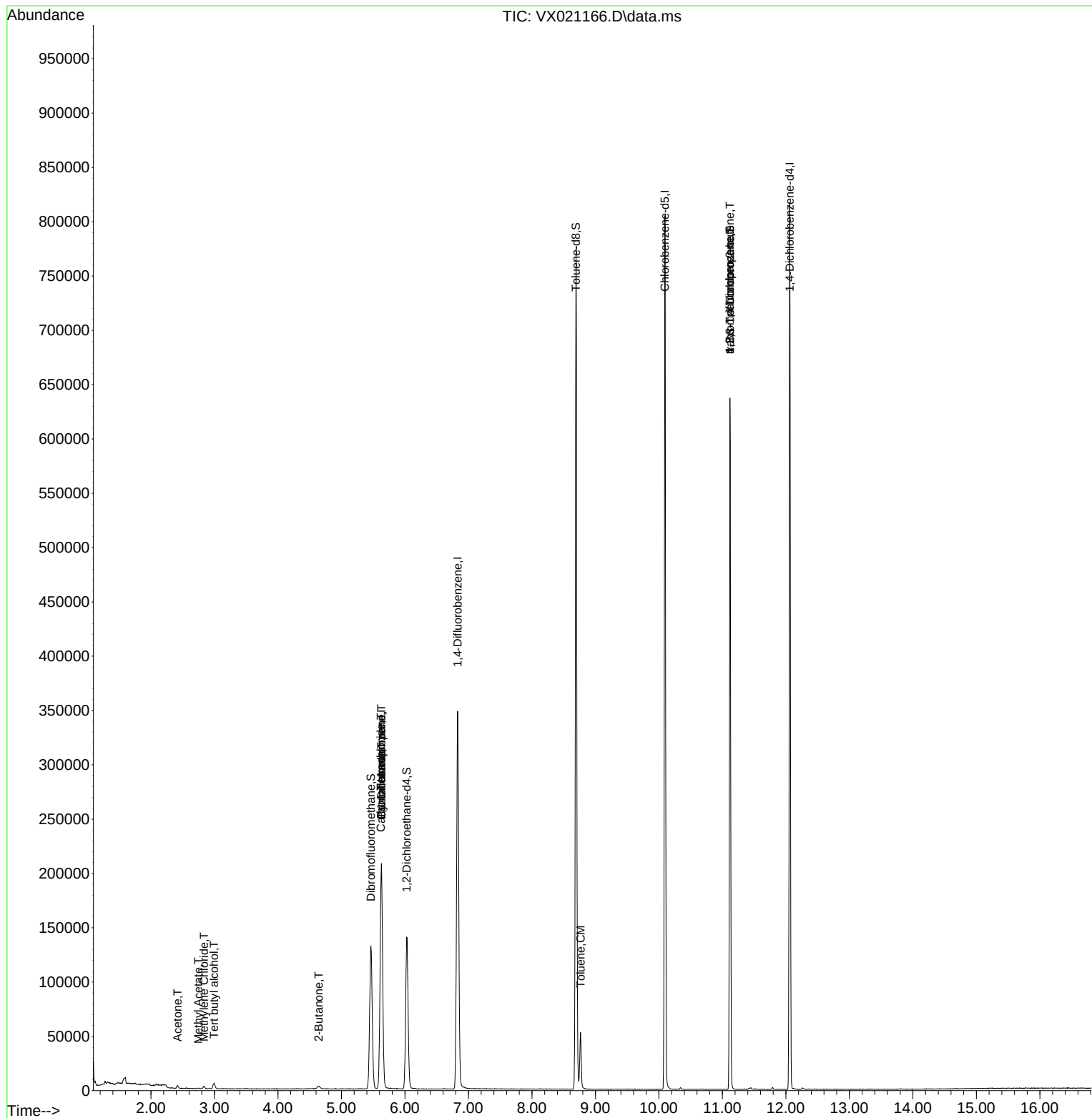
Internal Standards						
1) Pentafluorobenzene	5.629	168	205797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	369673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	364971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	170763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	132562	47.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.38%		
35) Dibromofluoromethane	5.464	113	117076	52.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.26%		
50) Toluene-d8	8.694	98	466685	53.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.58%		
62) 4-Bromofluorobenzene	11.118	95	178977	55.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.54%		
Target Compounds						
5) Bromomethane	1.634	94	319	Below Cal	#	68
11) Tert butyl alcohol	2.993	59	2992	4.83	ug/l #	73
16) Acetone	2.417	43	2533	2.21	ug/l	97
18) Methyl Acetate	2.746	43	719	0.27	ug/l #	77
20) Methylene Chloride	2.834	84	1014	0.37	ug/l	88
25) 2-Butanone	4.641	43	1432	0.82	ug/l	90
31) Cyclohexane	5.629	56	3995	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15265	4.34	ug/l #	48
38) Carbon Tetrachloride	5.623	117	19457	5.72	ug/l #	16
52) Toluene	8.765	92	19601	2.99	ug/l	98
76) 1,2,3-Trichloropropane	11.118	75	85994	23.41	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	85994	51.83	ug/l #	12

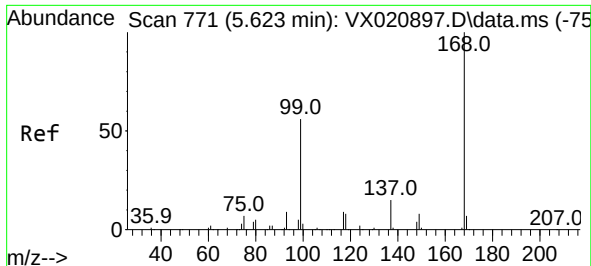
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

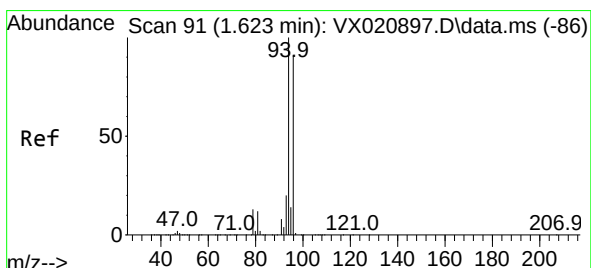
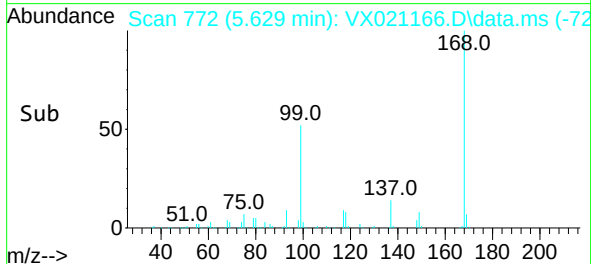
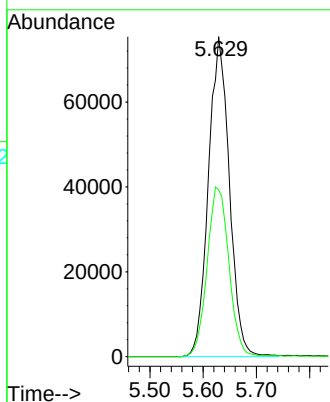
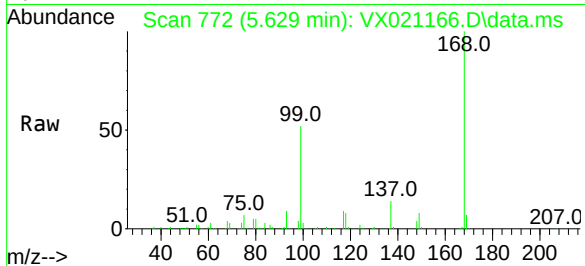




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

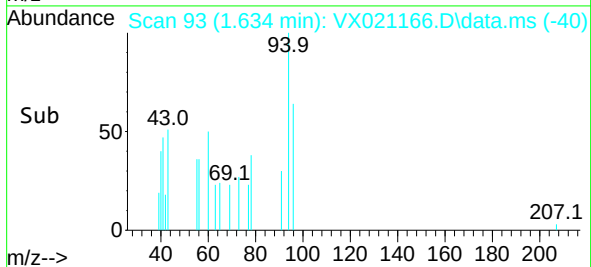
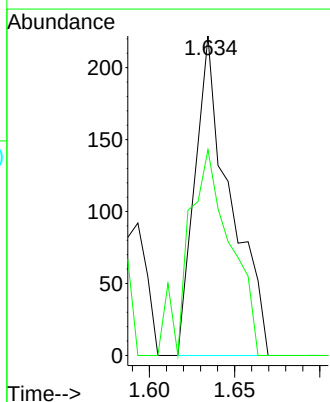
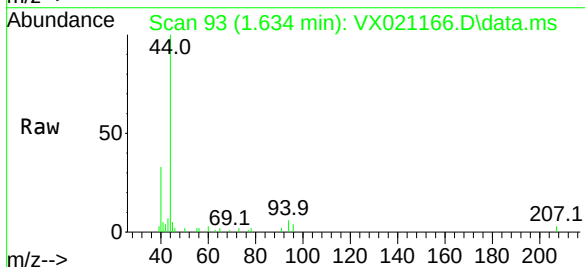
Instrument :
MSVOA_X
ClientSampleId :

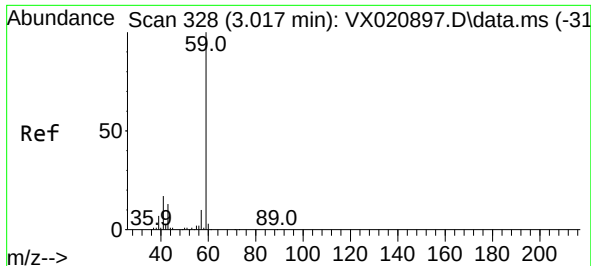
Tgt Ion:168 Resp: 205797
Ion Ratio Lower Upper
168 100
99 52.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 64.4 76.4 114.6#

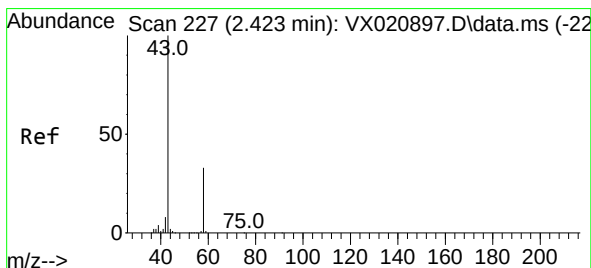
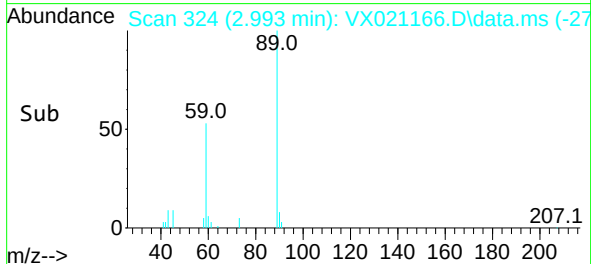
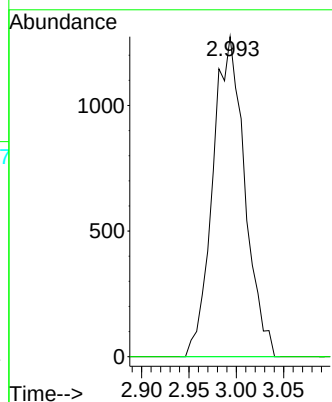
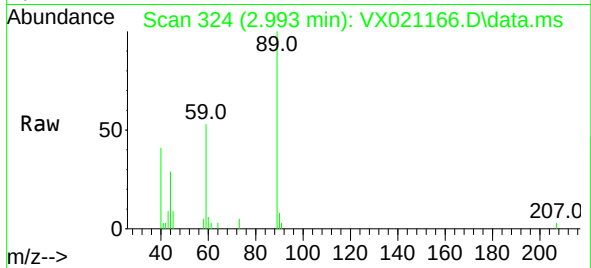




#11
Tert butyl alcohol
Concen: 4.83 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

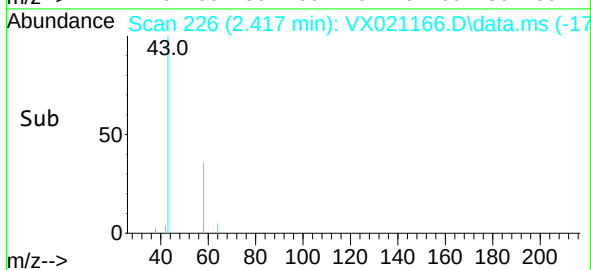
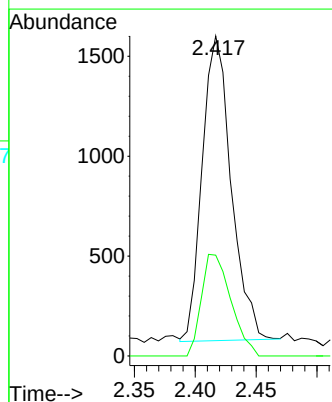
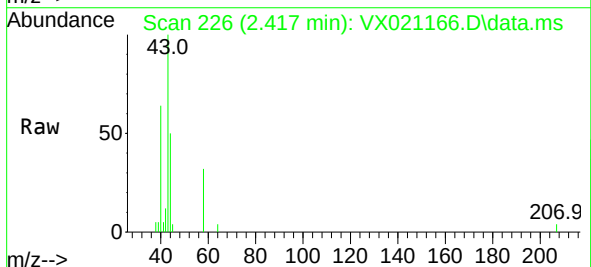
Instrument :
MSVOA_X
ClientSampled :

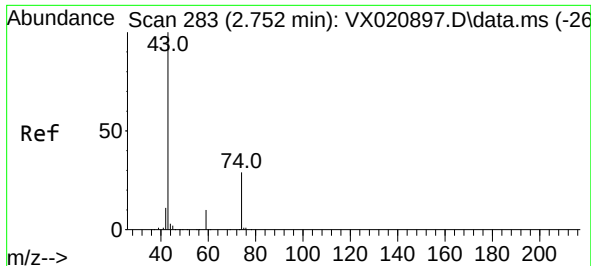
Tgt Ion: 59 Resp: 2992
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.21 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8





#18

Methyl Acetate

Concen: 0.27 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

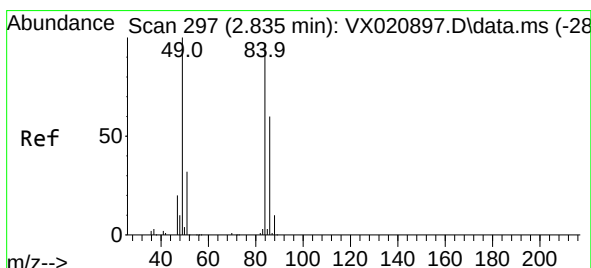
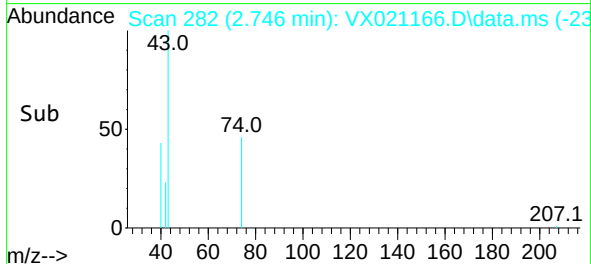
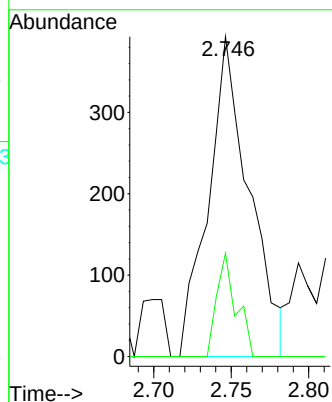
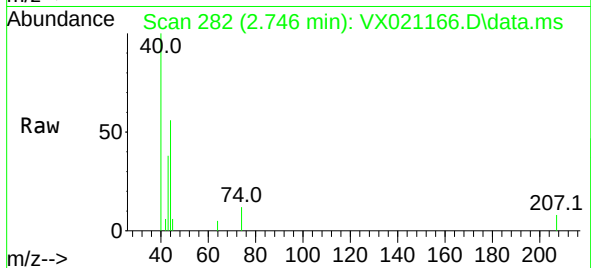
Lab File: VX021166.D

Acq: 11 Mar 2021 19:08

Tgt Ion: 43 Resp: 719

Ion Ratio Lower Upper

43 100
74 15.3 21.9 32.9#



#20

Methylene Chloride

Concen: 0.37 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

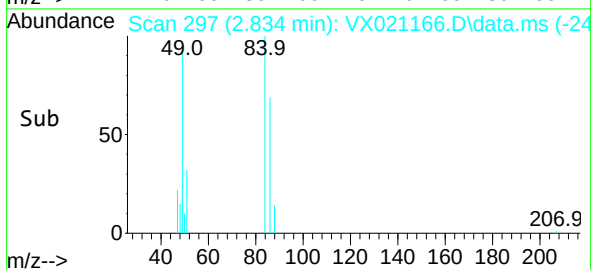
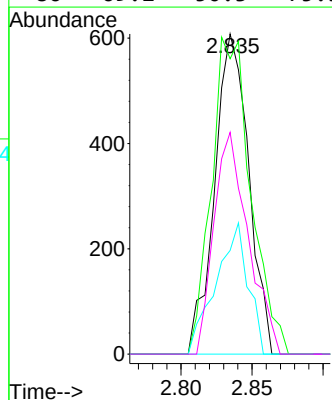
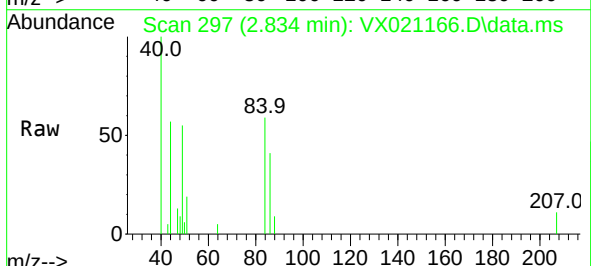
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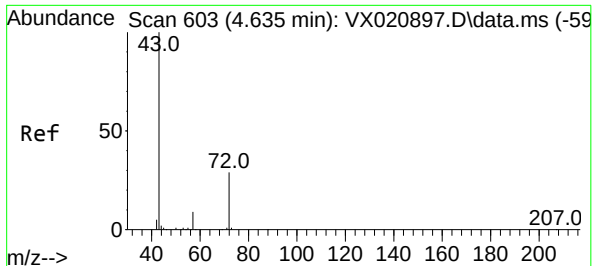
Acq: 11 Mar 2021 19:08

Tgt Ion: 84 Resp: 1014

Ion Ratio Lower Upper

84 100
49 92.3 88.6 132.8
51 32.4 27.0 40.6
86 69.2 50.3 75.5

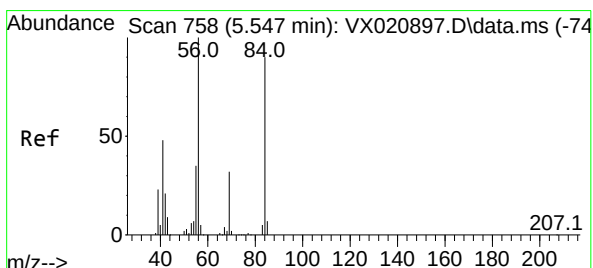
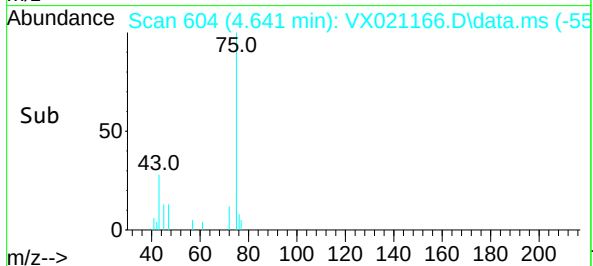
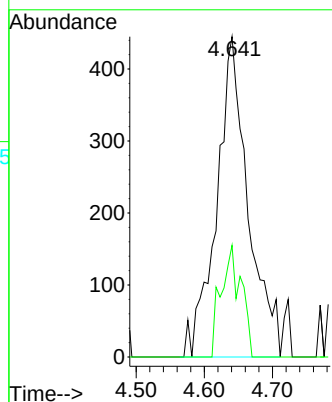
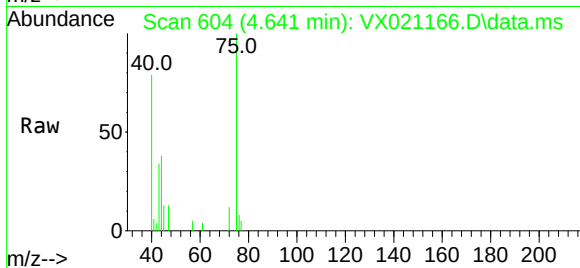




#25
2-Butanone
Concen: 0.82 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

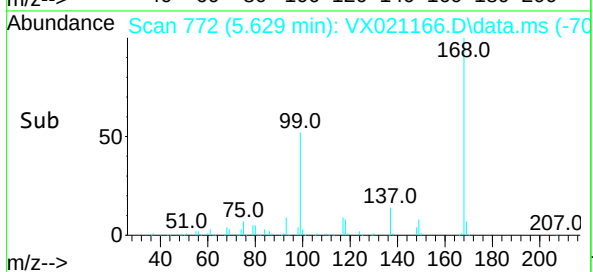
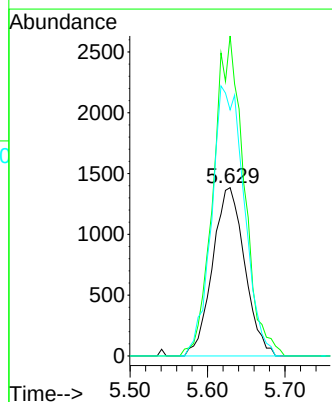
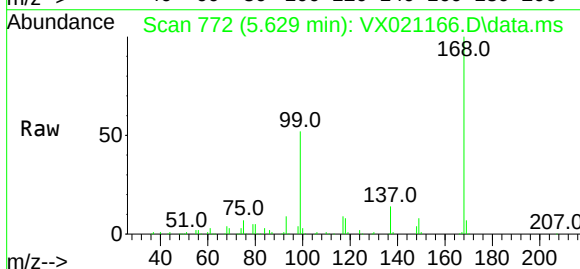
Instrument :
MSVOA_X
ClientSampled :

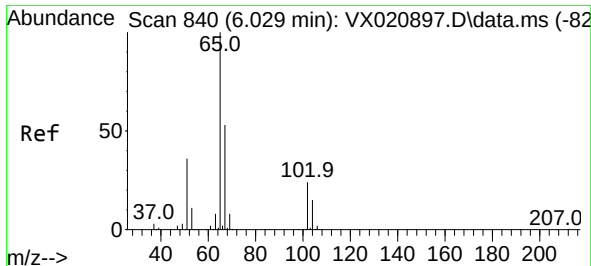
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
72 34.8 23.7 35.5



#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion: 56 Resp: 3995
Ion Ratio Lower Upper
56 100
69 190.1 25.3 37.9#
84 146.2 71.4 107.0#

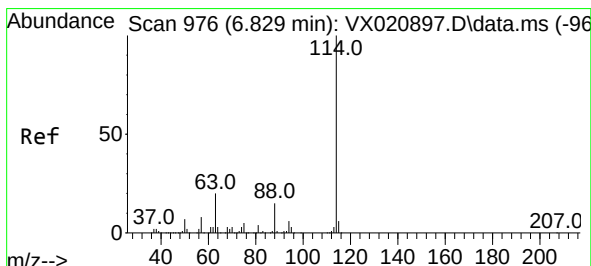
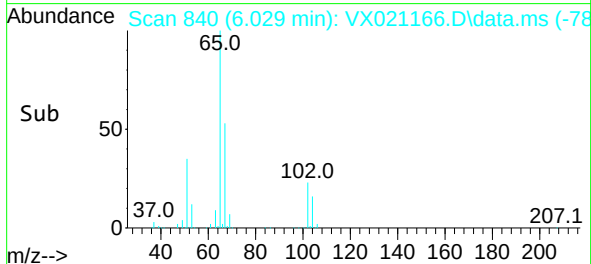
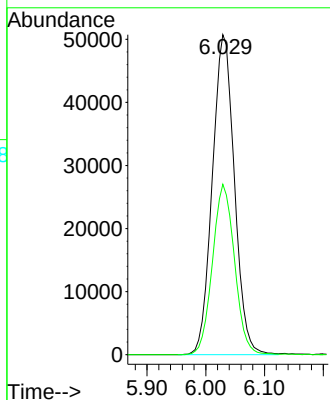
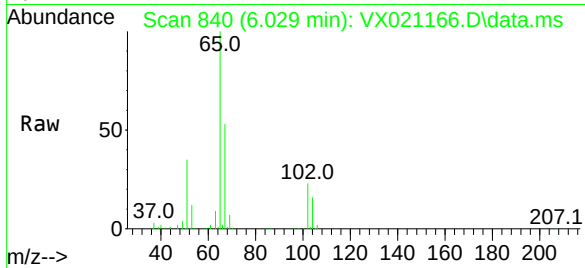




#33
 1,2-Dichloroethane-d4
 Concen: 47.69 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021166.D
 Acq: 11 Mar 2021 19:08

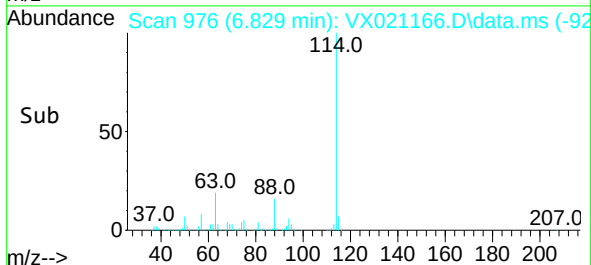
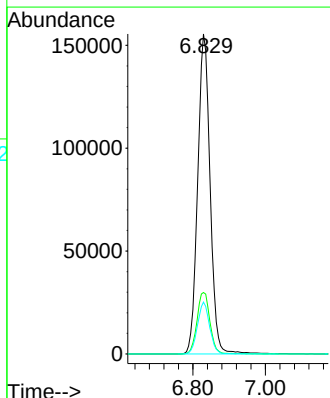
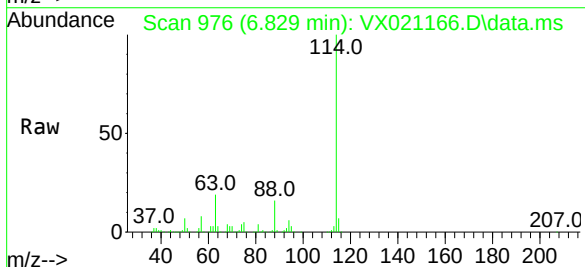
Instrument :
 MSVOA_X
 ClientSampled :

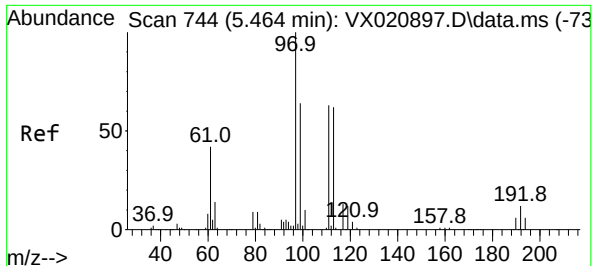
Tgt Ion: 65 Resp: 132562
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021166.D
 Acq: 11 Mar 2021 19:08

Tgt Ion: 114 Resp: 369673
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 16.2 0.0 32.8

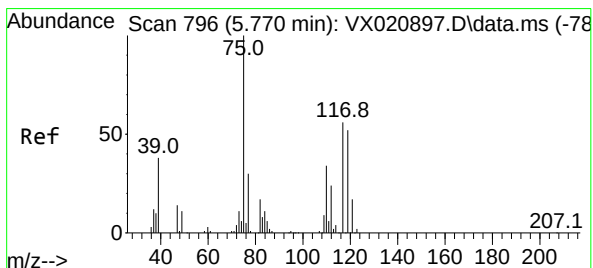
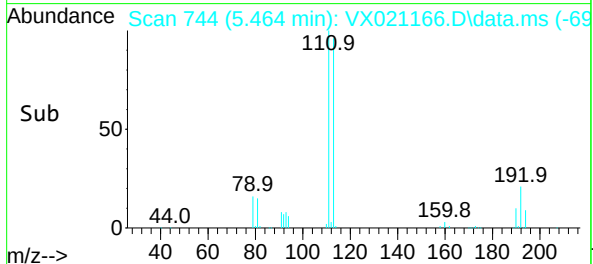
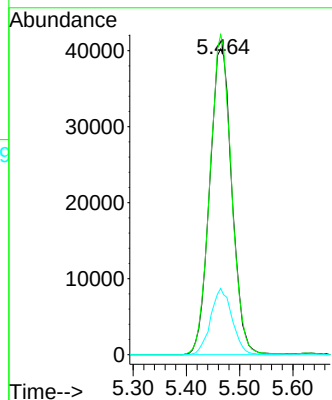
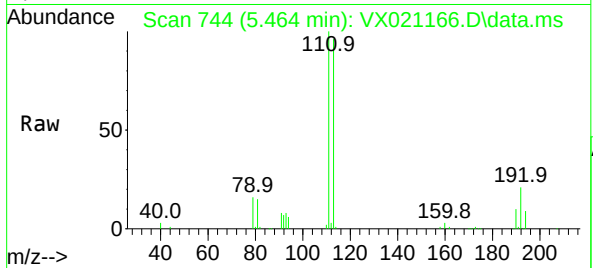




#35
Dibromofluoromethane
Concen: 52.13 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

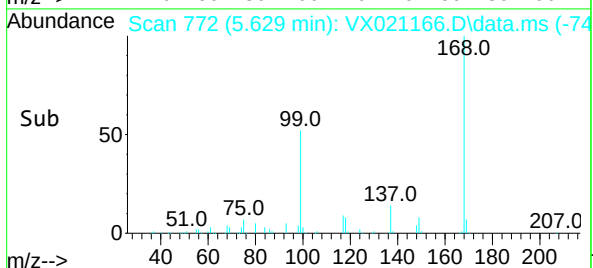
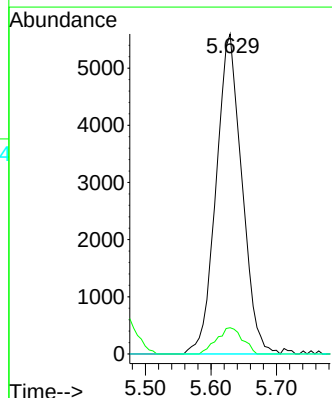
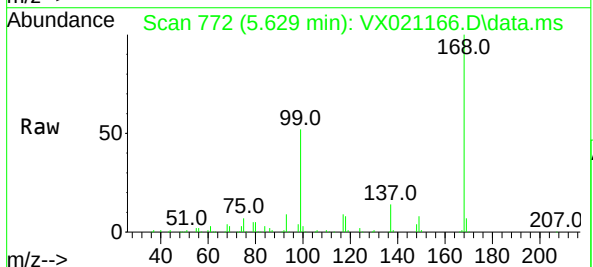
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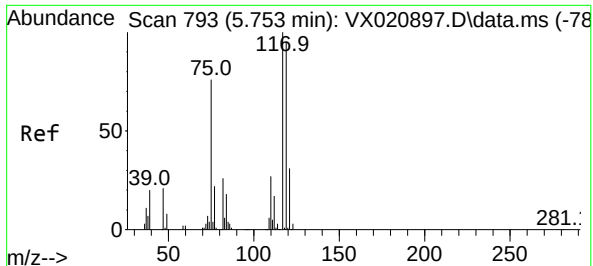
Tgt Ion:113 Resp: 117076
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion: 75 Resp: 15265
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#

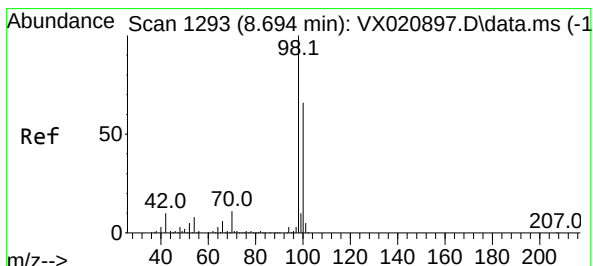
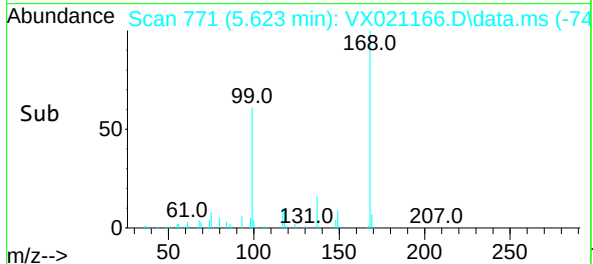
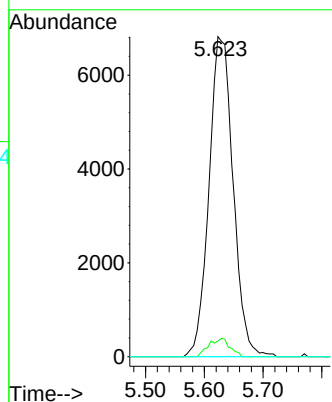
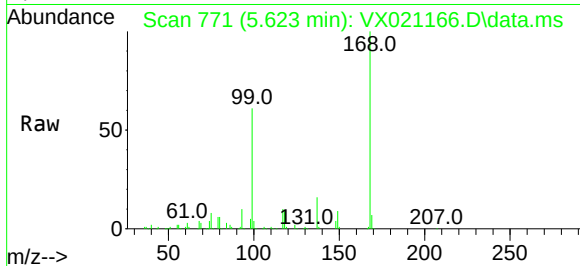




#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

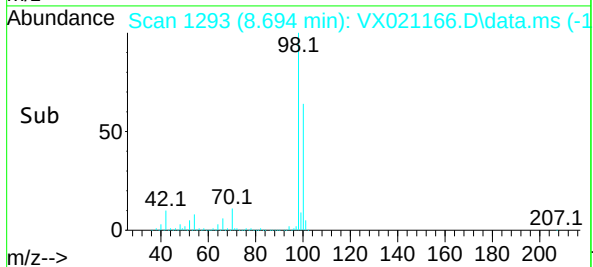
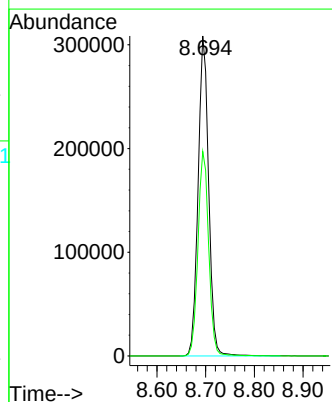
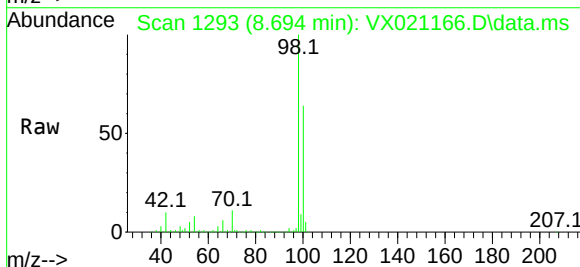
Instrument :
MSVOA_X
ClientSampled :

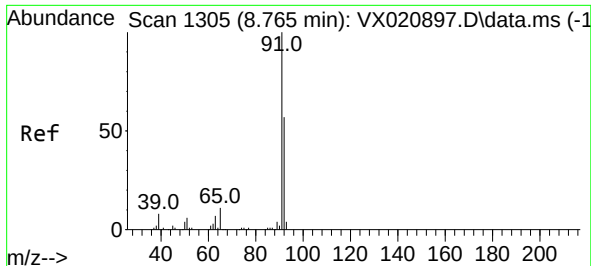
Tgt Ion:117 Resp: 19457
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.29 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion: 98 Resp: 466685
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

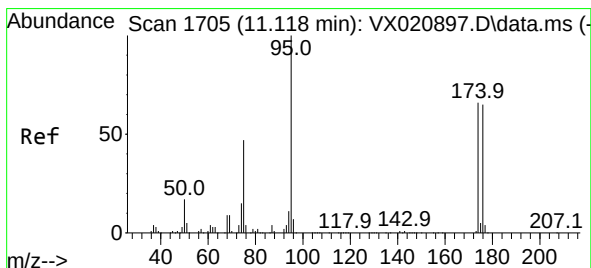
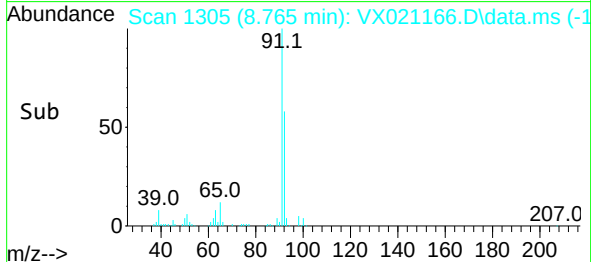
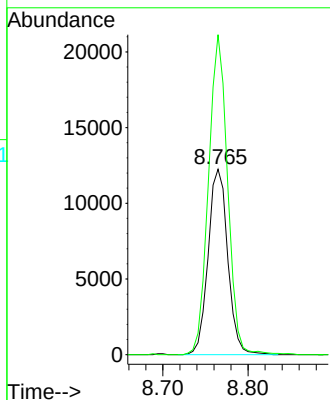
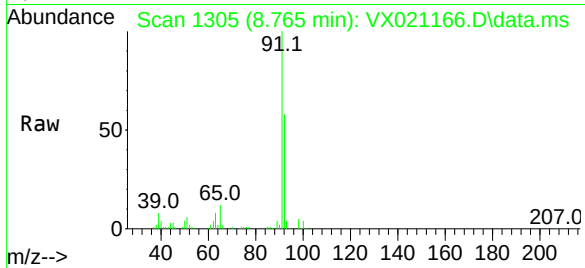




#52
Toluene
Concen: 2.99 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

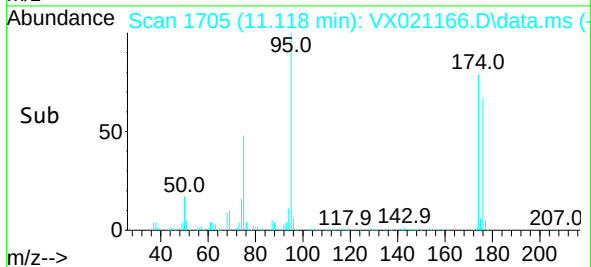
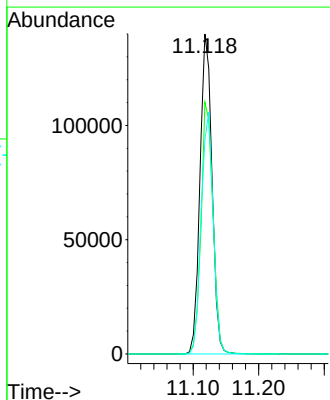
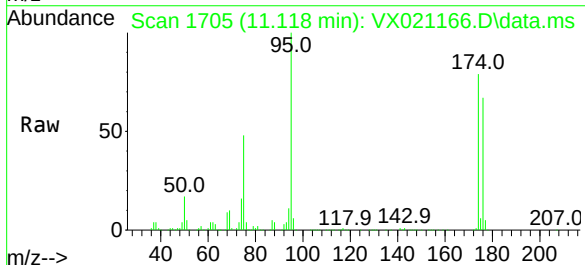
Instrument :
MSVOA_X
ClientSampled :

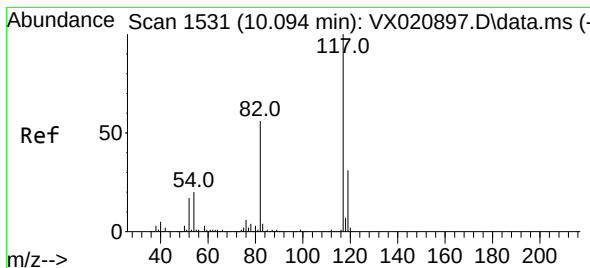
Tgt Ion: 92 Resp: 19601
Ion Ratio Lower Upper
92 100
91 168.0 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 55.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion: 95 Resp: 178977
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 76.0 0.0 155.8

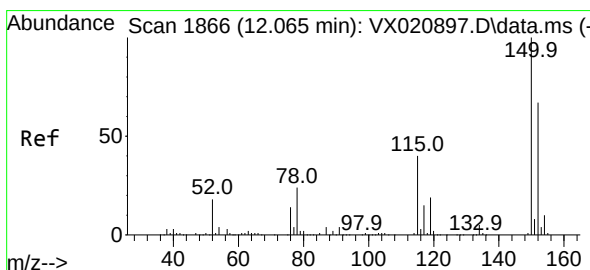
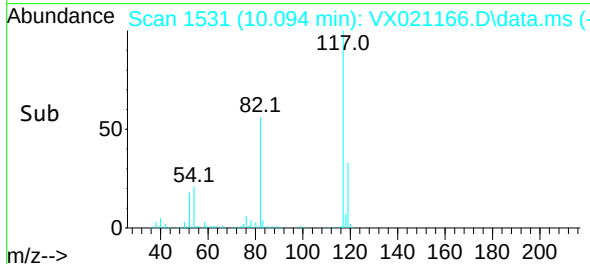
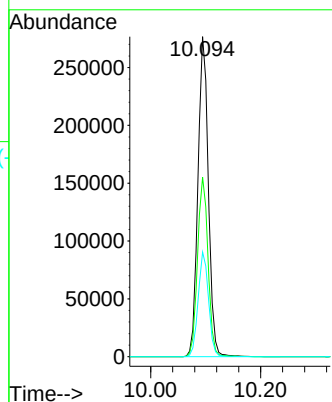
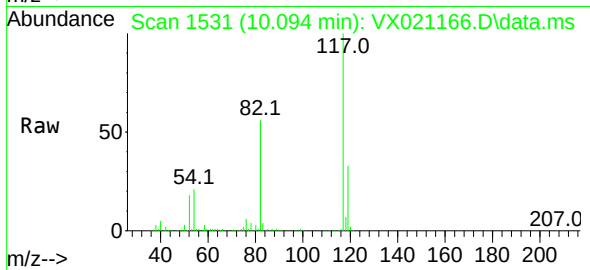




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

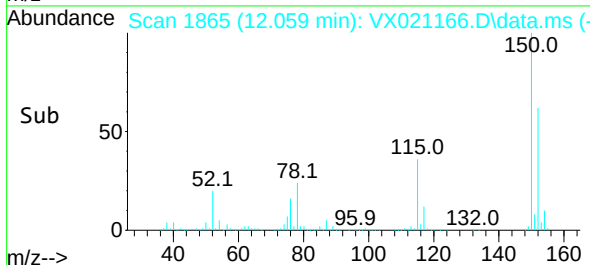
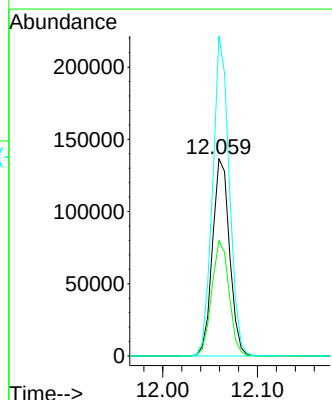
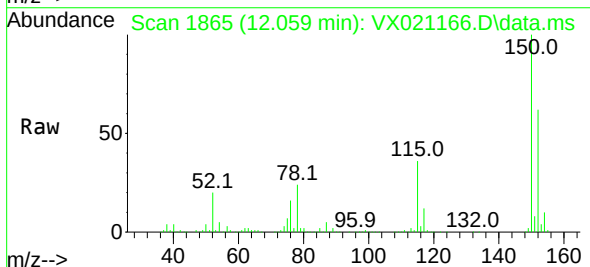
Instrument :
MSVOA_X
ClientSampled :

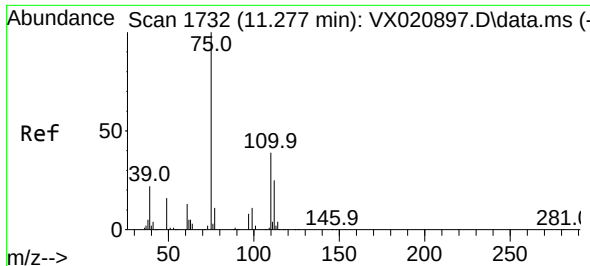
Tgt Ion:117 Resp: 364971
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion:152 Resp: 170763
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 158.4 0.0 349.0

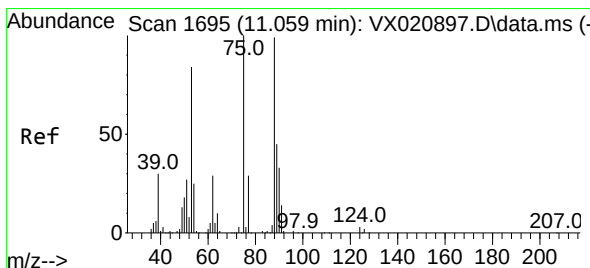
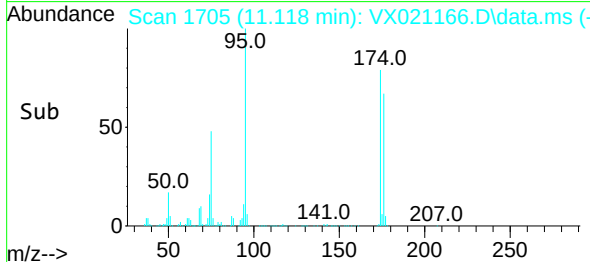
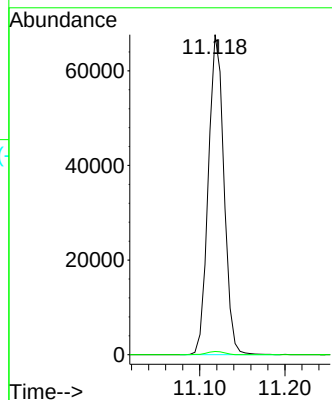
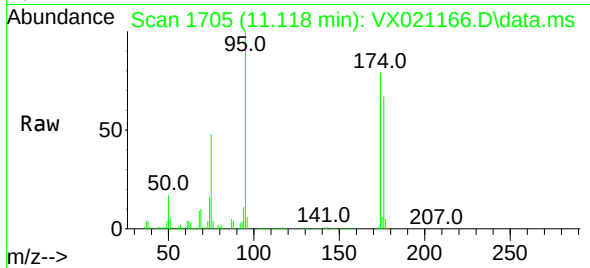




#76
1,2,3-Trichloropropane
Concen: 23.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 85994
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021166.D
Acq: 11 Mar 2021 19:08

Tgt Ion: 75 Resp: 85994
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

