

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020968.D
 Acq On : 02 Mar 2021 16:48
 Operator : JC/MD
 Sample : VX0304WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 01:15:37 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	5.623	168	205959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	369519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	360864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	152371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	131452	47.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.50%
35) Dibromofluoromethane	5.464	113	115430	51.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.82%
50) Toluene-d8	8.694	98	455296	52.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.02%
62) 4-Bromofluorobenzene	11.118	95	165407	51.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.20%

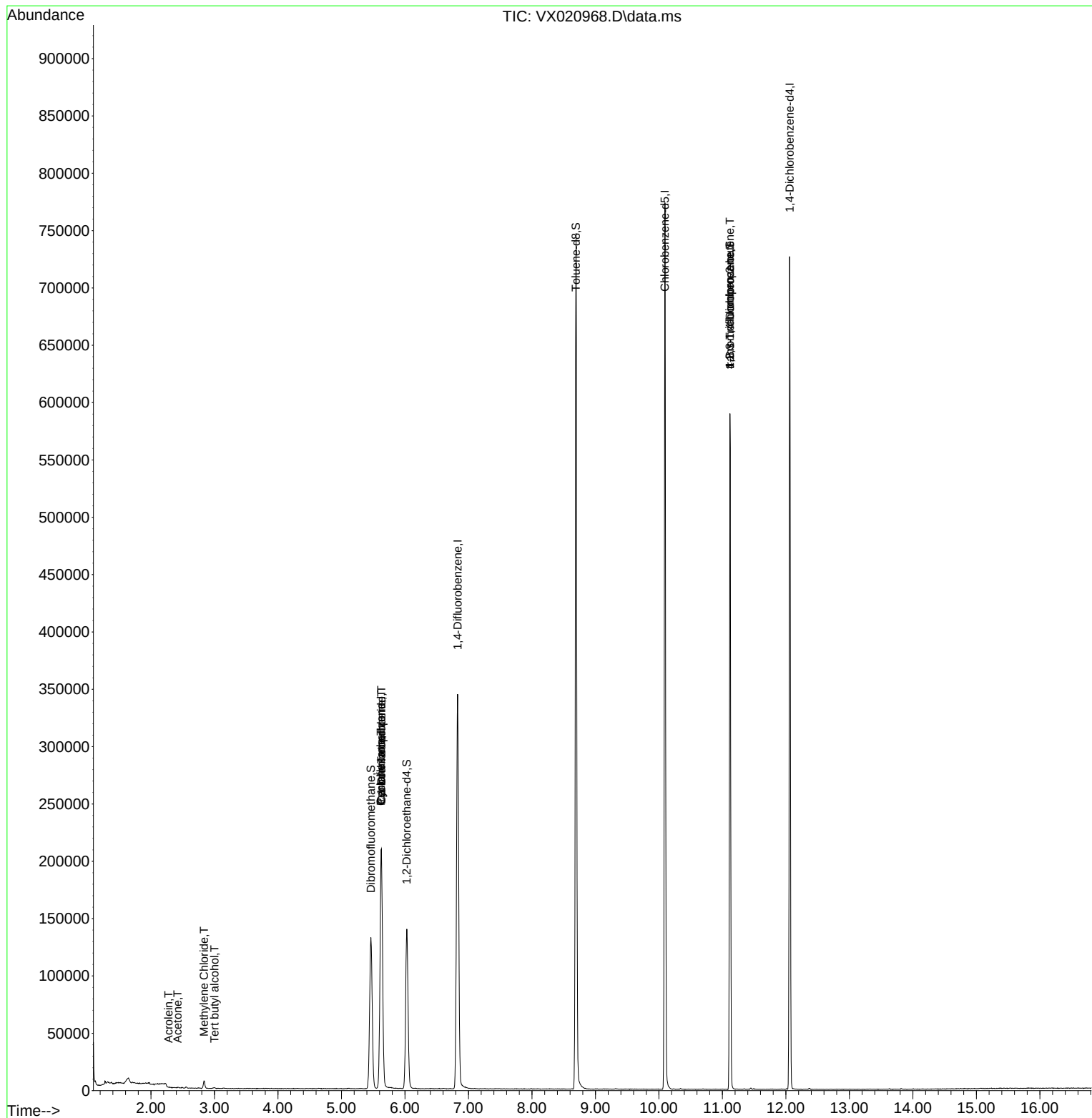
Target Compounds					Qvalue
5) Bromomethane	1.640	94	501	Below Cal	95
11) Tert butyl alcohol	2.999	59	352	0.57 ug/l #	73
13) Acrolein	2.276	56	98	0.26 ug/l #	14
16) Acetone	2.417	43	554	0.48 ug/l	95
20) Methylene Chloride	2.834	84	3031	1.10 ug/l	97
31) Cyclohexane	5.623	56	3830	0.95 ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15474	4.41 ug/l #	48
38) Carbon Tetrachloride	5.629	117	19468	5.72 ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	78492	23.95 ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	78492	53.02 ug/l #	12

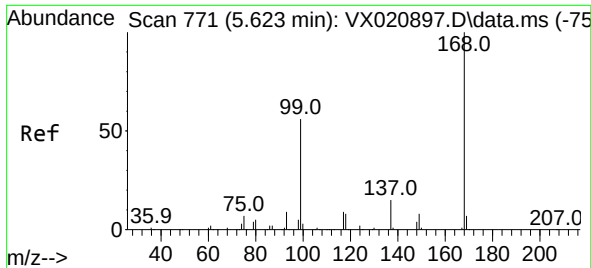
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

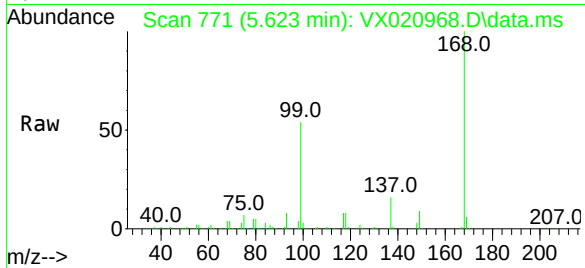
Quant Time: Mar 03 01:15:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration



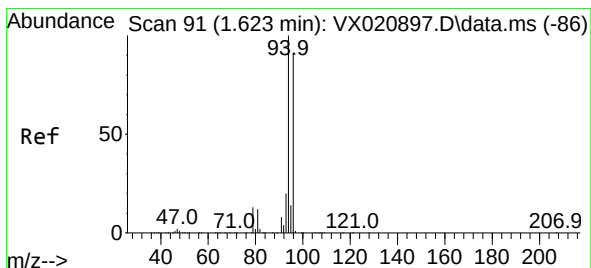
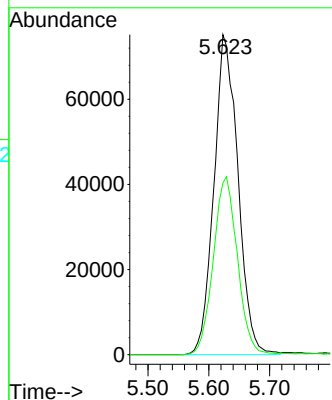
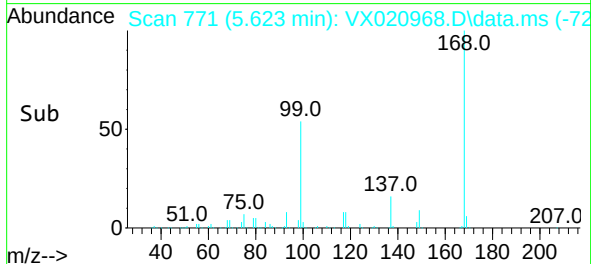


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

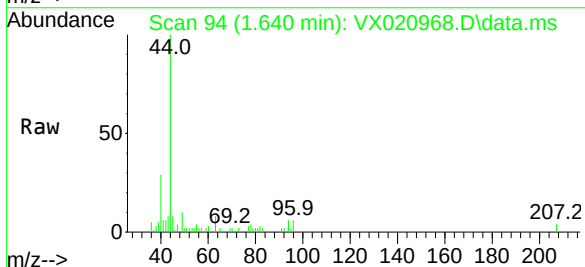
Instrument :
MSVOA_X
ClientSampled :



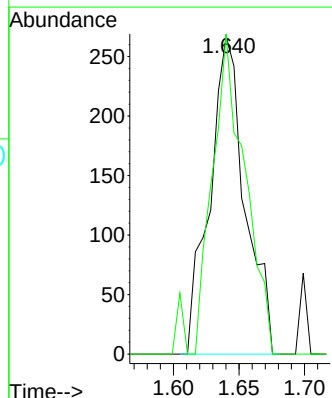
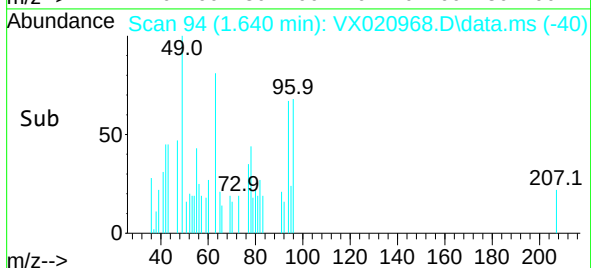
Tgt Ion:168 Resp: 205959
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6

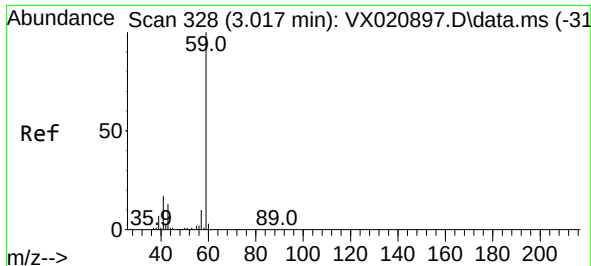


#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48



Tgt Ion: 94 Resp: 501
Ion Ratio Lower Upper
94 100
96 100.7 76.4 114.6

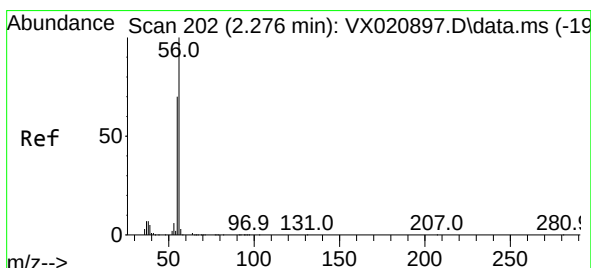
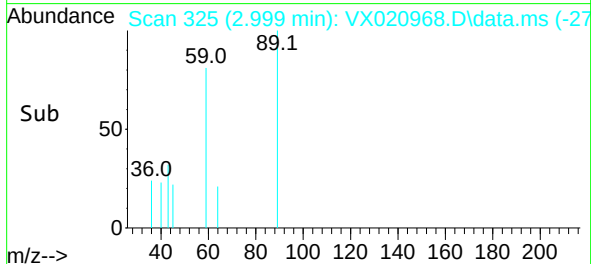
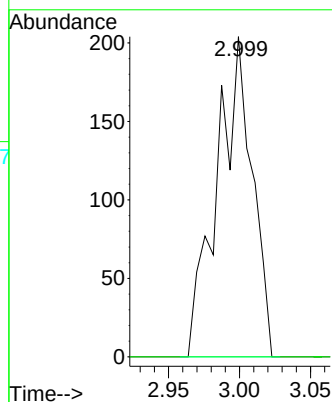
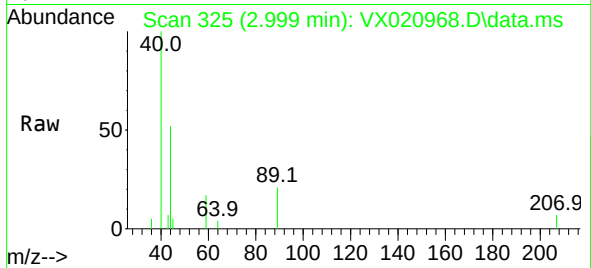




#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

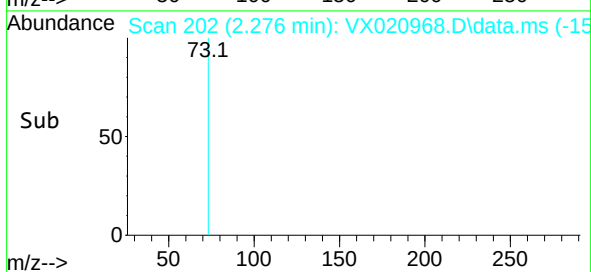
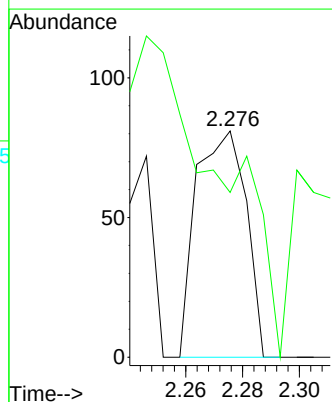
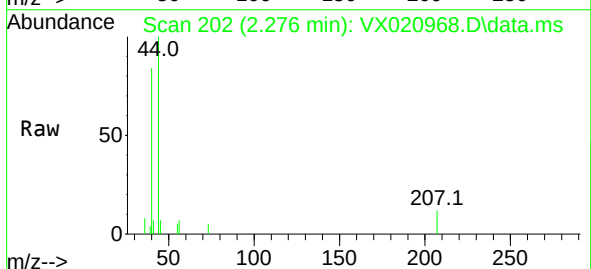
Instrument :
MSVOA_X
ClientSampled :

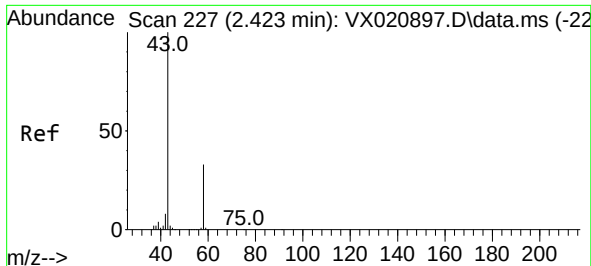
Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.26 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

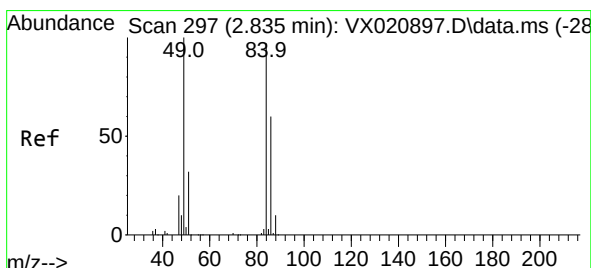
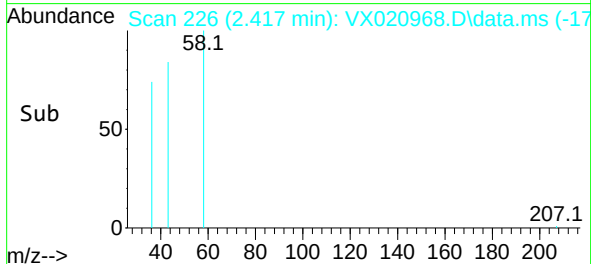
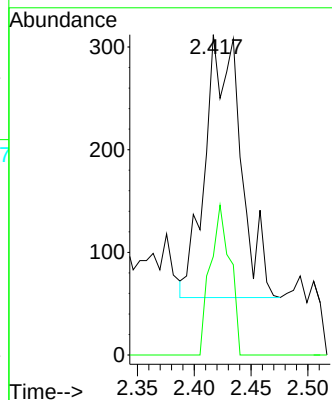
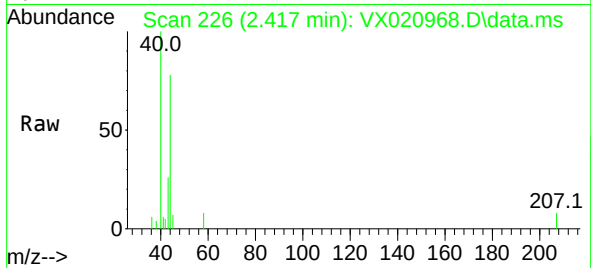




#16
Acetone
Concen: 0.48 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

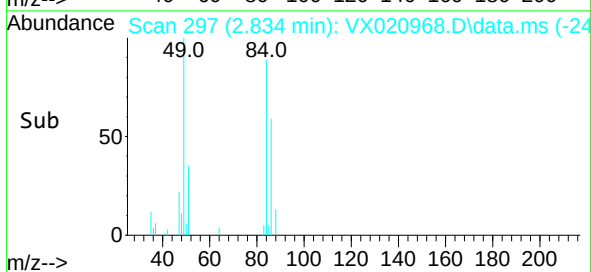
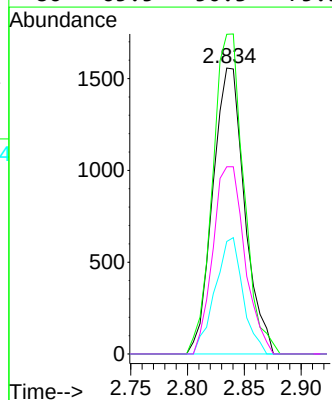
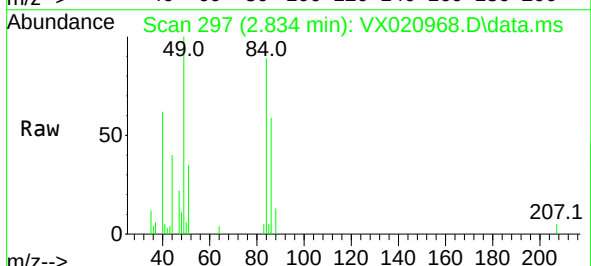
Instrument :
MSVOA_X
ClientSampled :

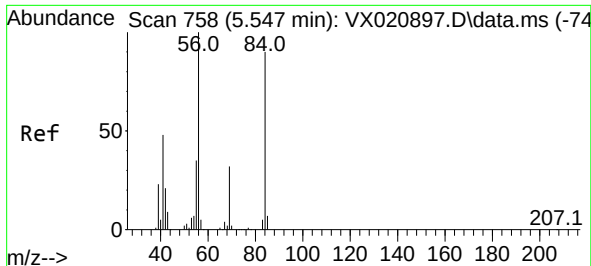
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 37.5 27.8 41.8



#20
Methylene Chloride
Concen: 1.10 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

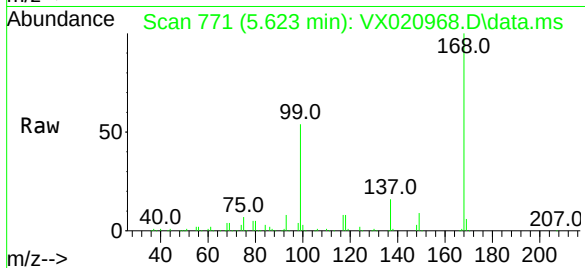
Tgt Ion: 84 Resp: 3031
Ion Ratio Lower Upper
84 100
49 111.8 88.6 132.8
51 39.4 27.0 40.6
86 65.5 50.3 75.5



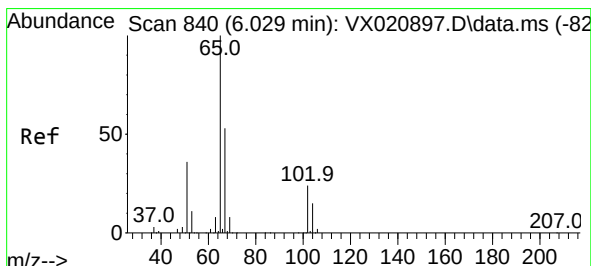
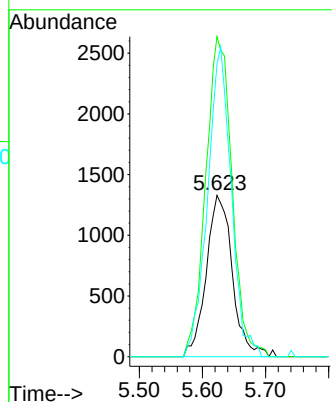
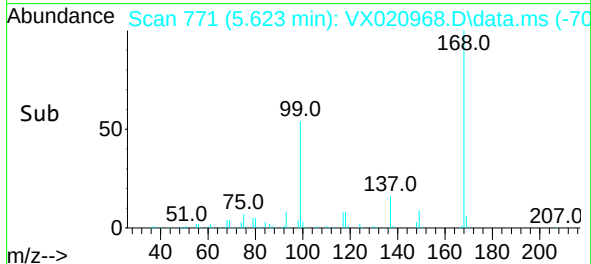


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

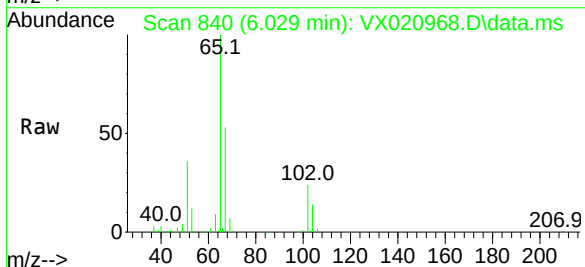
Instrument :
MSVOA_X
ClientSampleId :



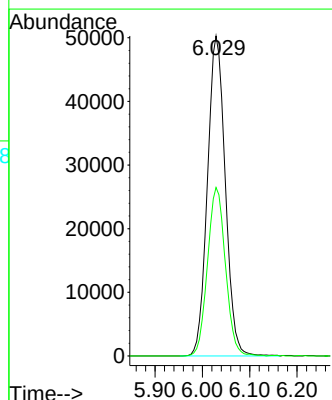
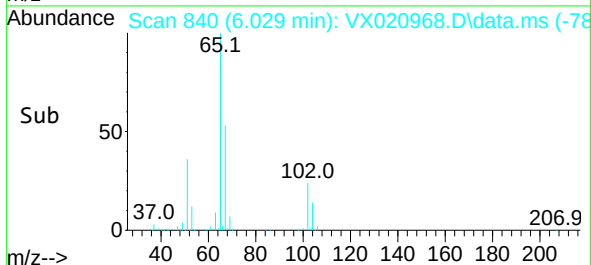
Tgt Ion: 56 Resp: 3830
Ion Ratio Lower Upper
56 100
69 198.3 25.3 37.9#
84 181.4 71.4 107.0#

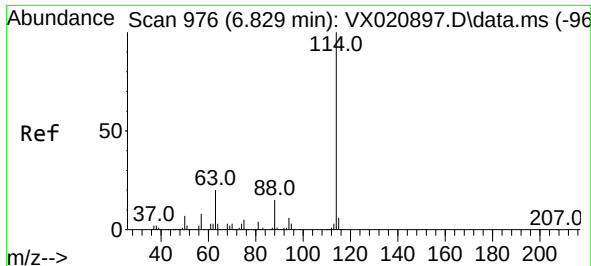


#33
1,2-Dichloroethane-d4
Concen: 47.25 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48



Tgt Ion: 65 Resp: 131452
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

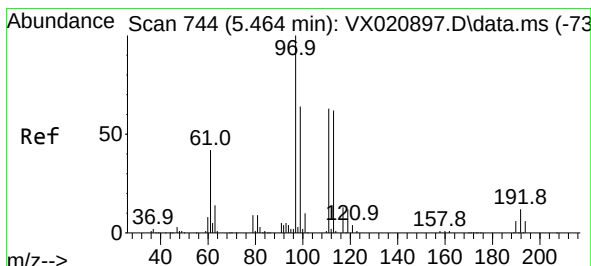
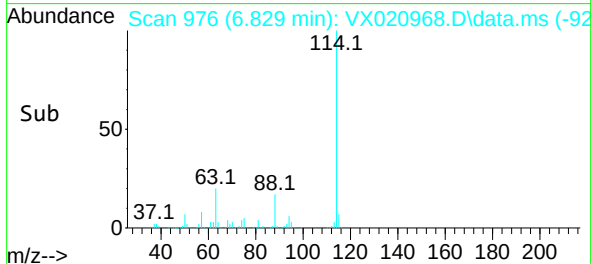
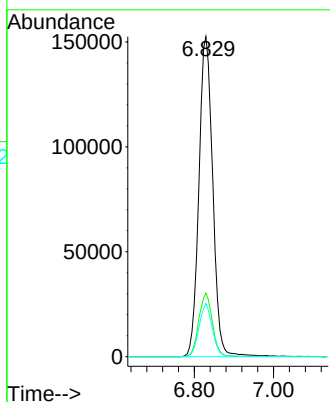
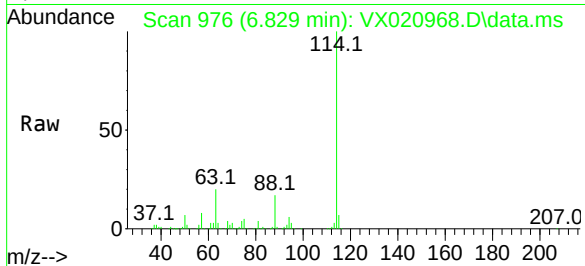




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

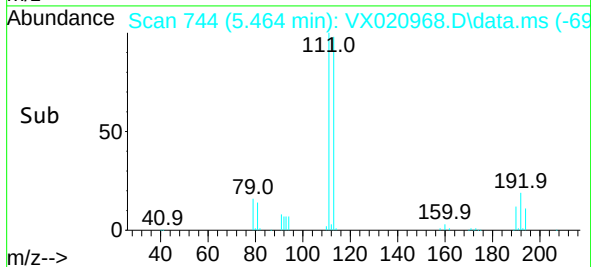
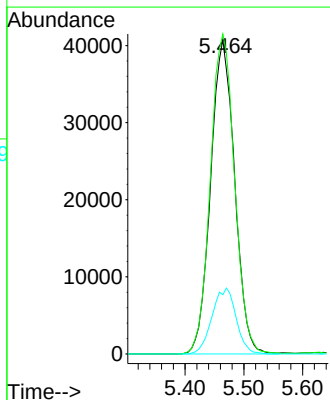
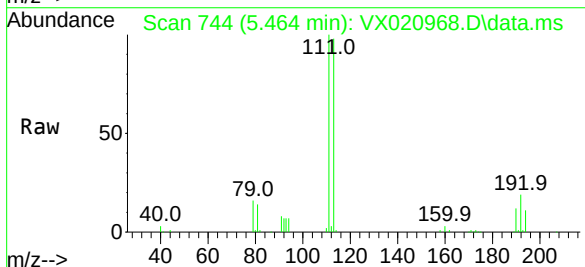
Instrument :
MSVOA_X
ClientSampleId :

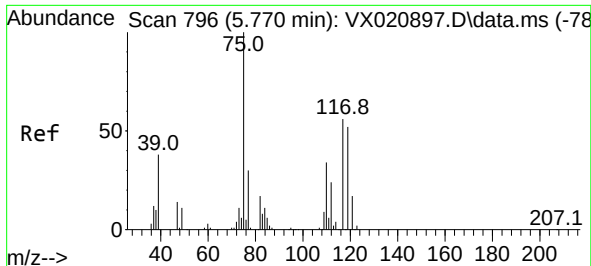
Tgt Ion:114 Resp: 369519
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.41 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

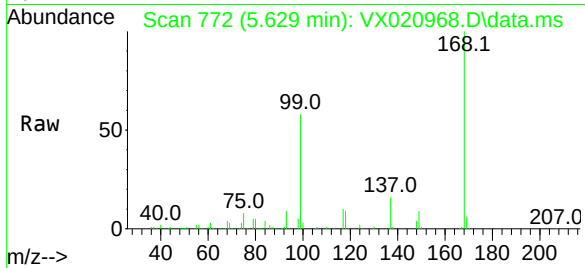
Tgt Ion:113 Resp: 115430
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 21.1 16.7 25.1



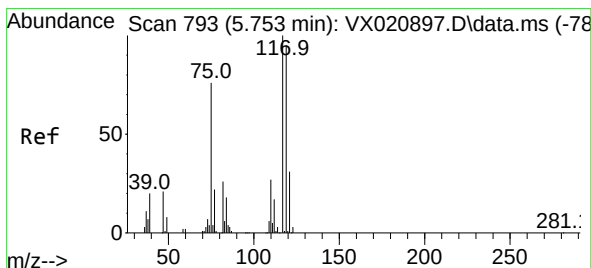
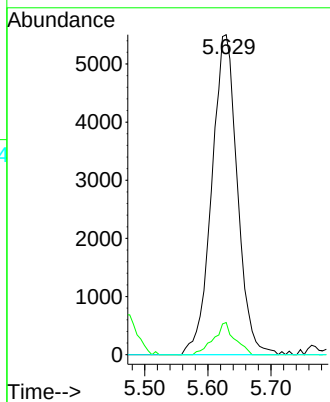
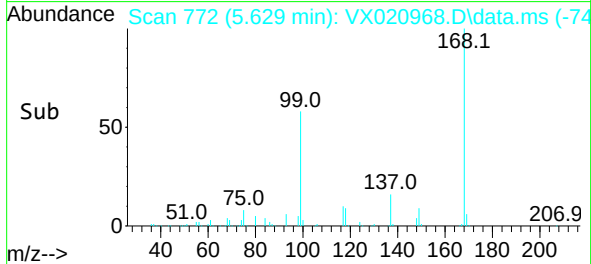


#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

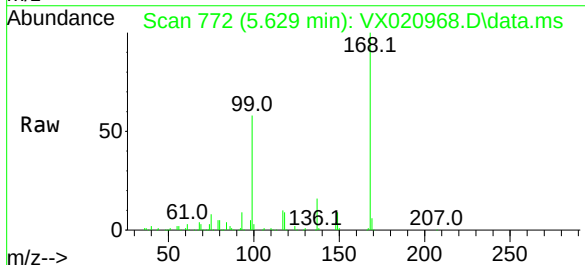
Instrument :
MSVOA_X
ClientSampleId :



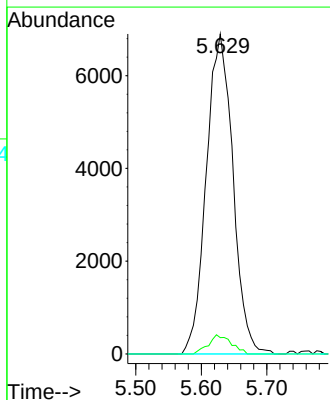
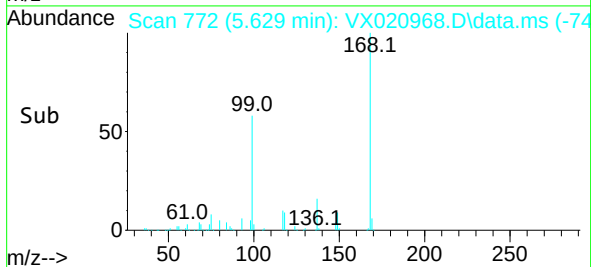
Tgt Ion: 75 Resp: 15474
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

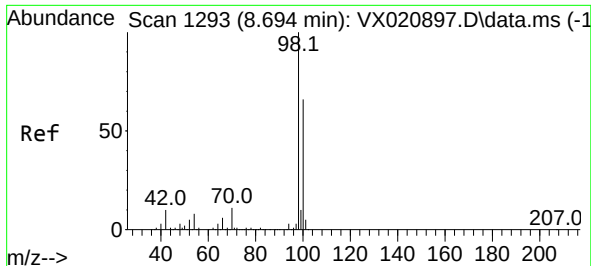


#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48



Tgt Ion: 117 Resp: 19468
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

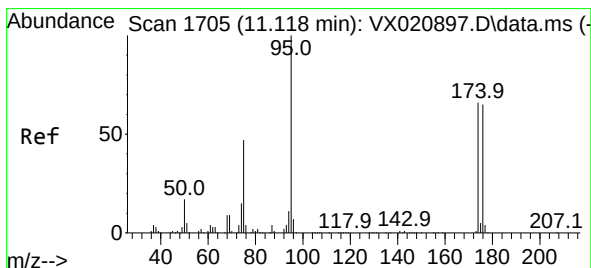
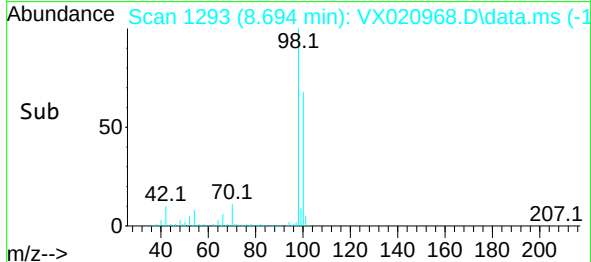
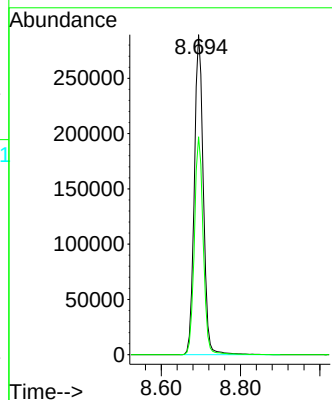
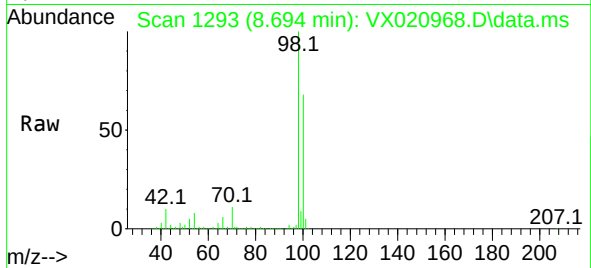




#50
Toluene-d8
Concen: 52.01 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

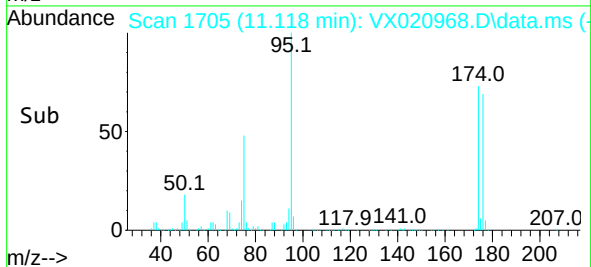
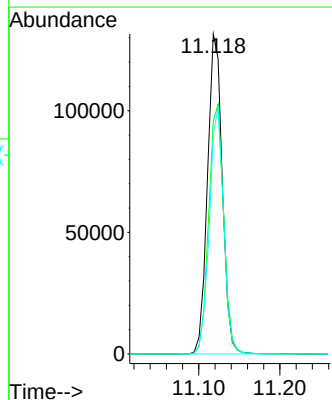
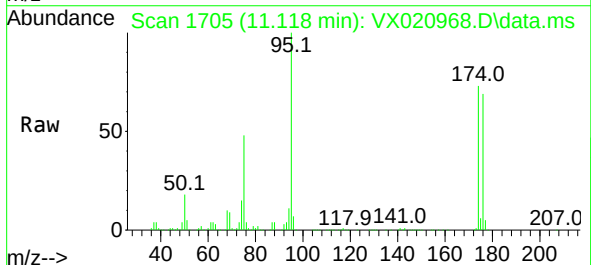
Instrument :
MSVOA_X
ClientSampled :

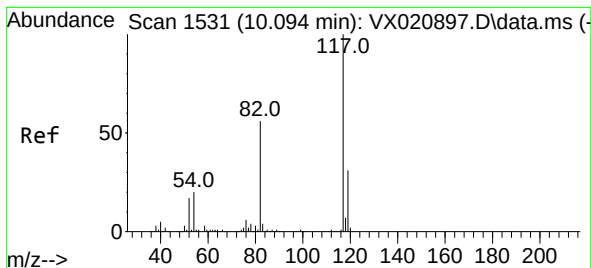
Tgt Ion: 98 Resp: 455296
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

Tgt Ion: 95 Resp: 165407
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 74.8 0.0 155.8

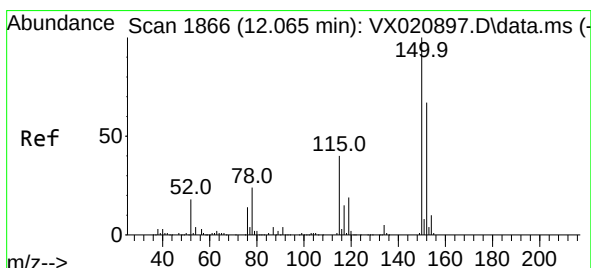
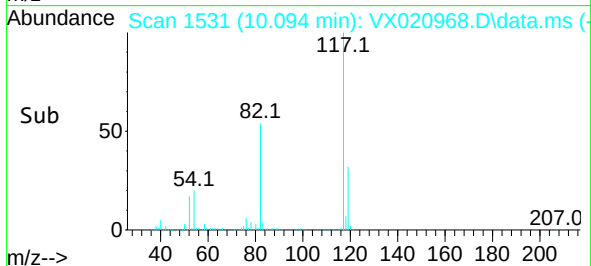
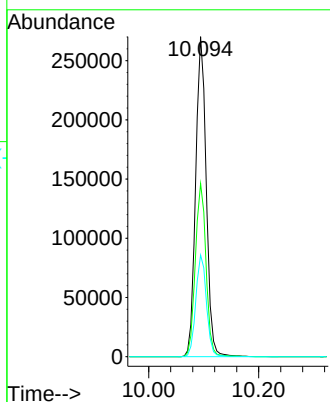
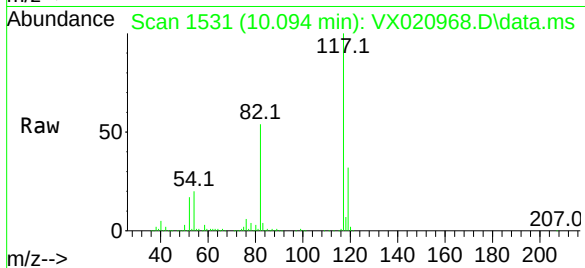




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

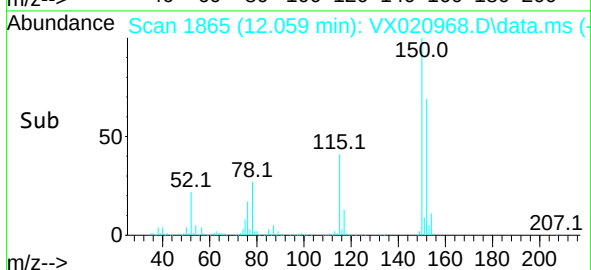
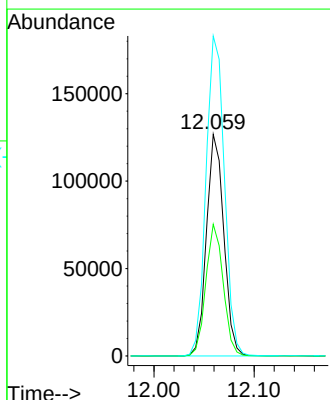
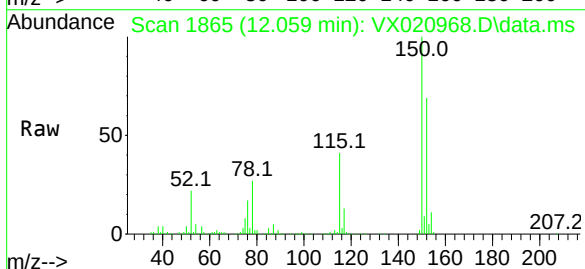
Instrument :
MSVOA_X
ClientSampled :

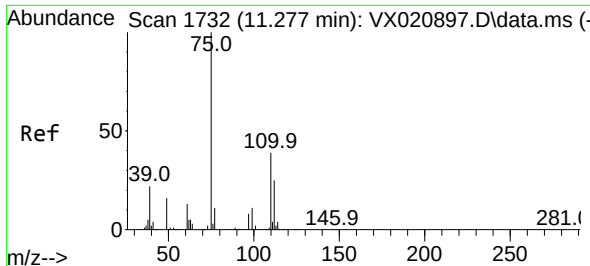
Tgt Ion:117 Resp: 360864
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

Tgt Ion:152 Resp: 152371
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 153.1 0.0 349.0

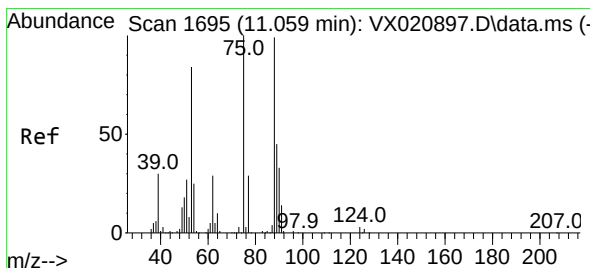
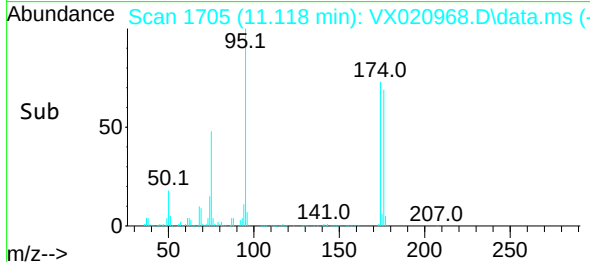
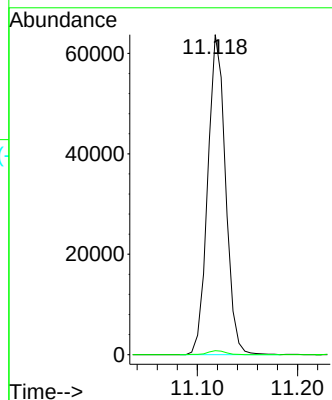
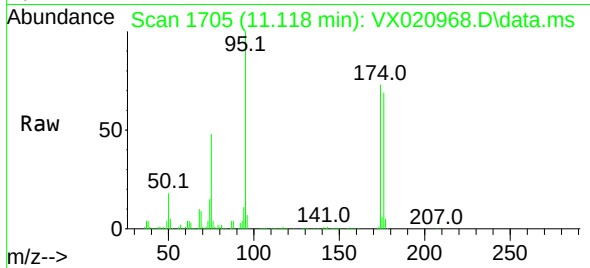




#76
1,2,3-Trichloropropane
Concen: 23.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 78492
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.02 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020968.D
Acq: 02 Mar 2021 16:48

Tgt Ion: 75 Resp: 78492
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

