

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021386.D
 Acq On : 23 Mar 2021 15:30
 Operator : JC/MD
 Sample : M1780-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 01:56:46 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)

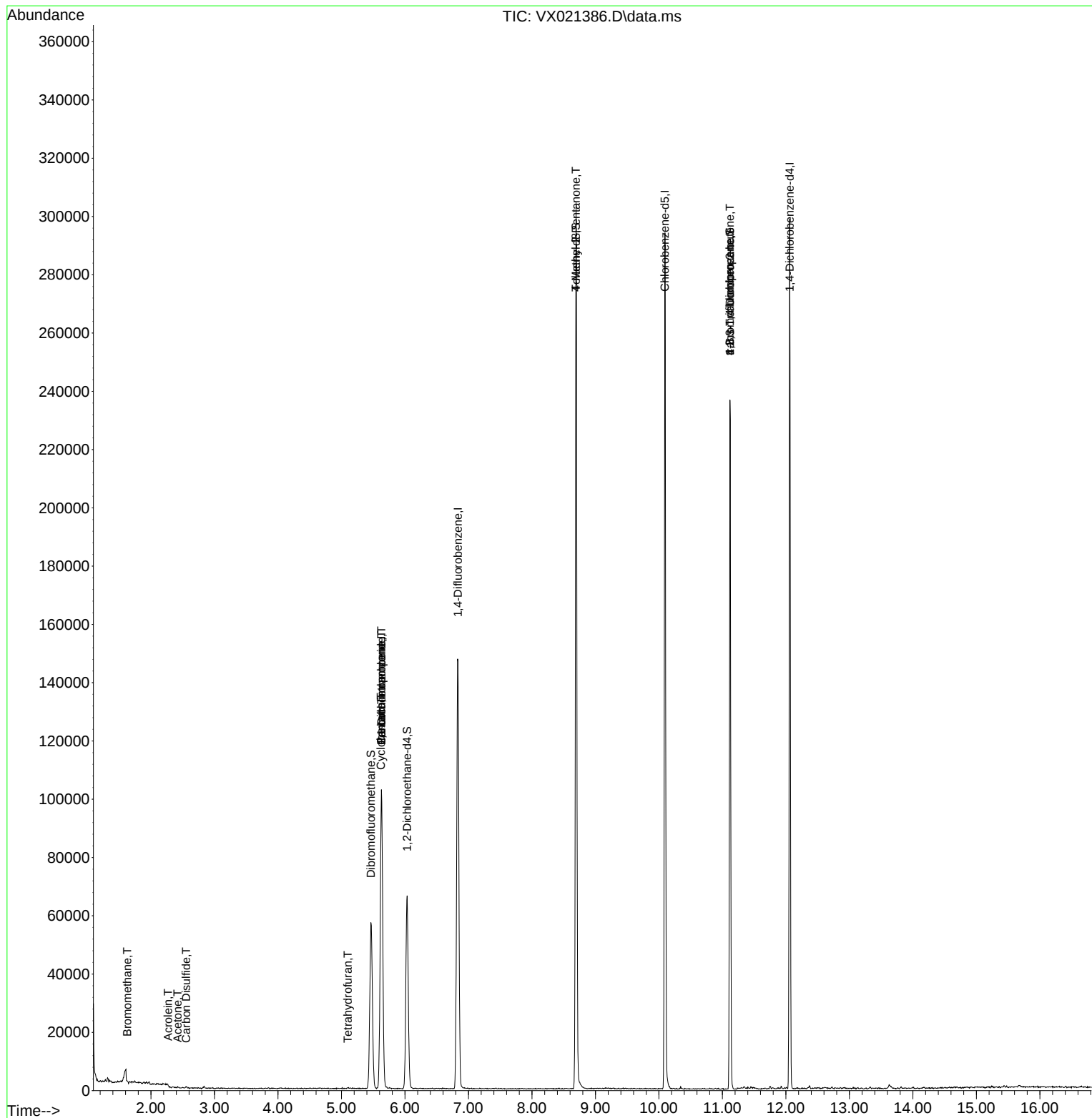
Internal Standards						
1) Pentafluorobenzene	5.629	168	90029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	143359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	64865	43.93	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.86%		
35) Dibromofluoromethane	5.464	113	47734	48.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.86%		
50) Toluene-d8	8.694	98	172037	48.61	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.22%		
62) 4-Bromofluorobenzene	11.118	95	62547	45.50	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.00%		
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1459	Below Cal		99
5) Bromomethane	1.628	94	131	0.27 ug/l #		43
13) Acrolein	2.270	56	21	3.26 ug/l #		1
16) Acetone	2.417	43	394	0.73 ug/l #		40
17) Carbon Disulfide	2.552	76	455	0.70 ug/l #		75
29) Tetrahydrofuran	5.099	42	269	0.49 ug/l #		27
31) Cyclohexane	5.623	56	2401	1.35 ug/l #		34
36) 1,1-Dichloropropene	5.629	75	7741	5.36 ug/l #		50
38) Carbon Tetrachloride	5.629	117	9328	6.22 ug/l #		17
51) 4-Methyl-2-Pentanone	8.694	43	1092	0.68 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	34866	27.78 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	34866	75.43 ug/l #		12

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

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QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

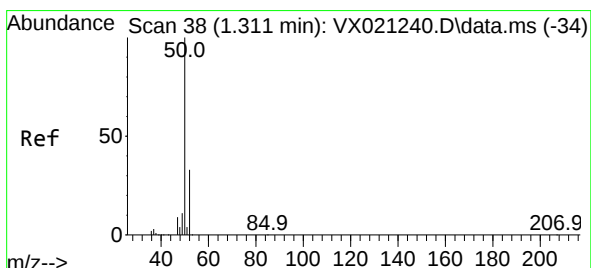
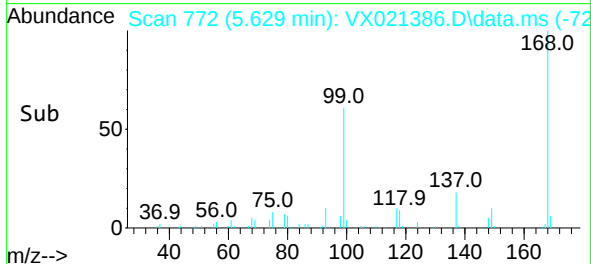
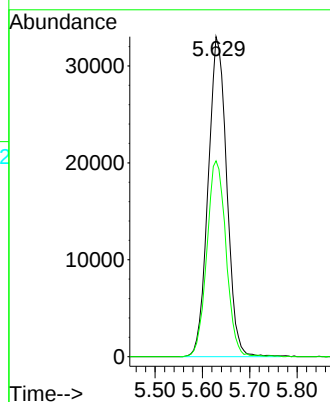
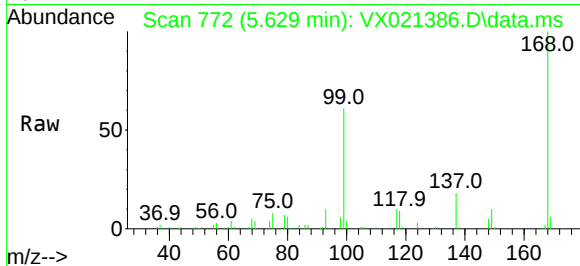




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

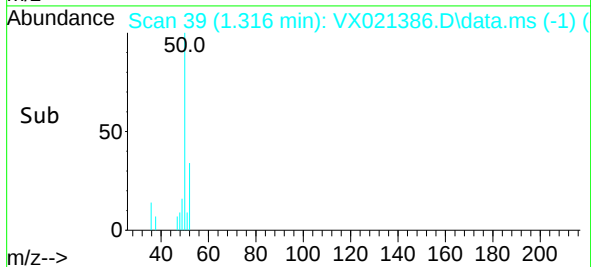
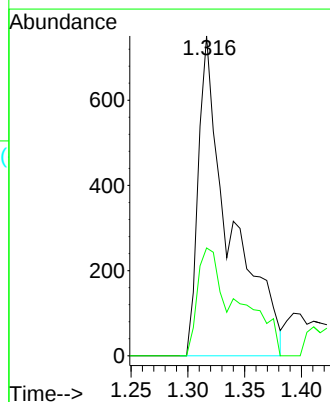
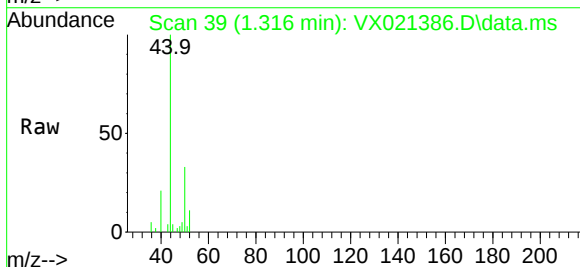
Instrument :
MSVOA_X
ClientSampleId :

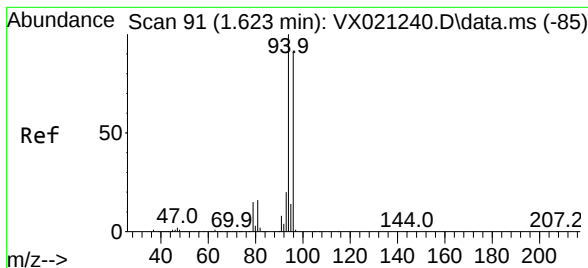
Tgt Ion:168 Resp: 90029
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

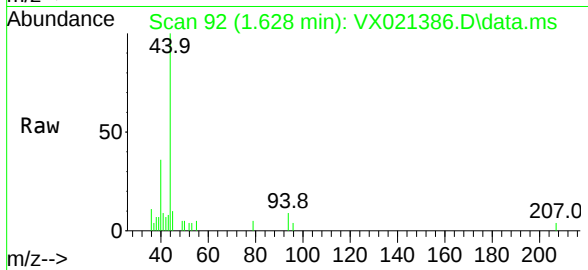
Tgt Ion: 50 Resp: 1459
Ion Ratio Lower Upper
50 100
52 33.7 26.4 39.6



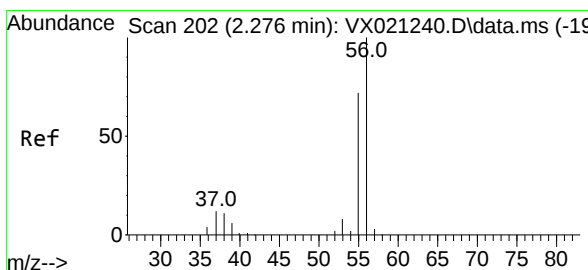
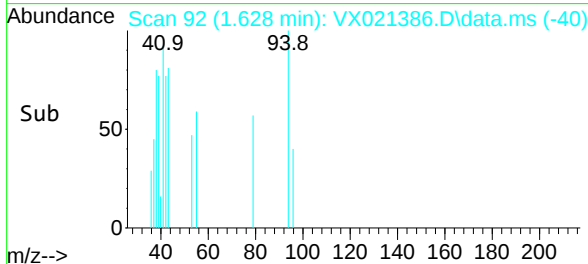
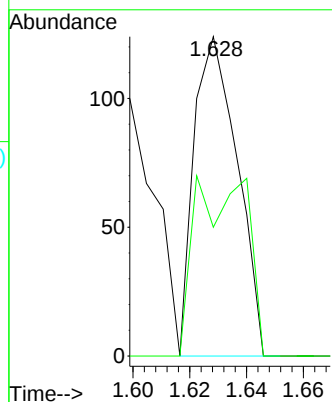


#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Instrument :
MSVOA_X
ClientSampled :

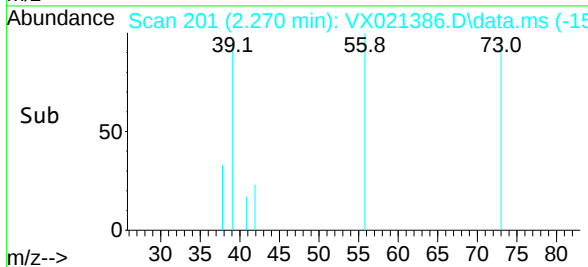
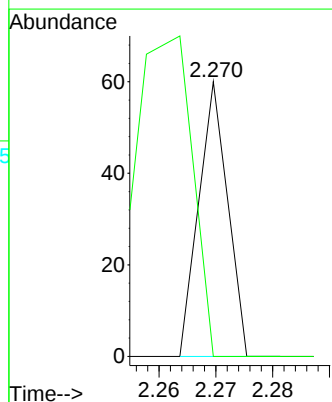
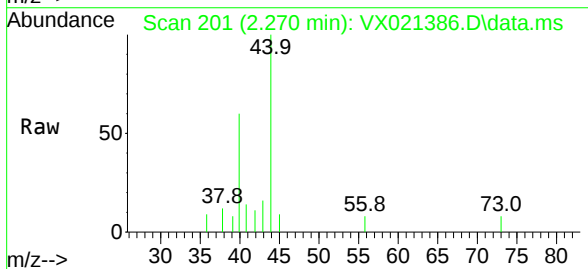


Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 40.3 76.4 114.6#



#13
Acrolein
Concen: 3.26 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 228.6 56.4 84.6#

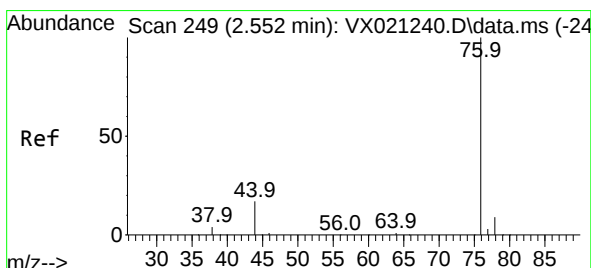
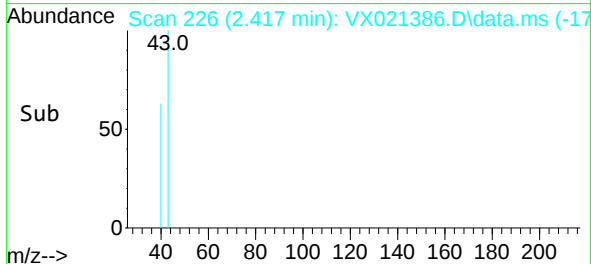
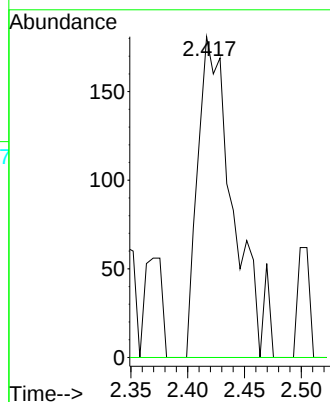
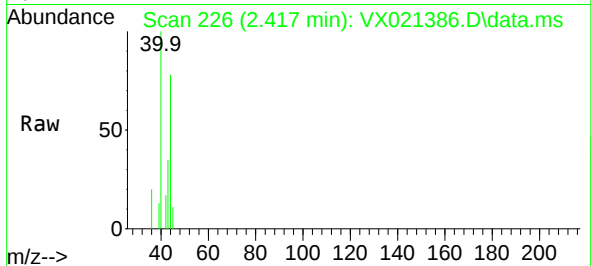




#16
Acetone
Concen: 0.73 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

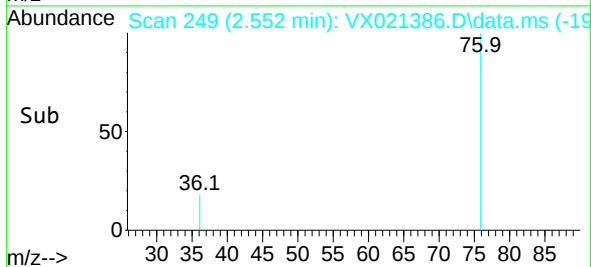
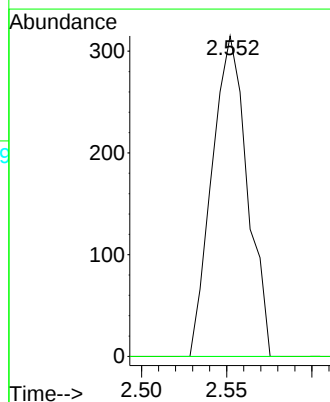
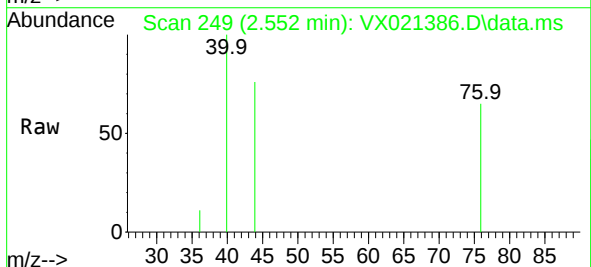
Instrument :
MSVOA_X
ClientSampled :

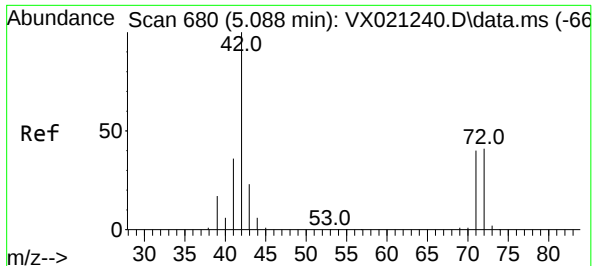
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.70 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Tgt Ion: 76 Resp: 455
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 5.099 min Scan# 682

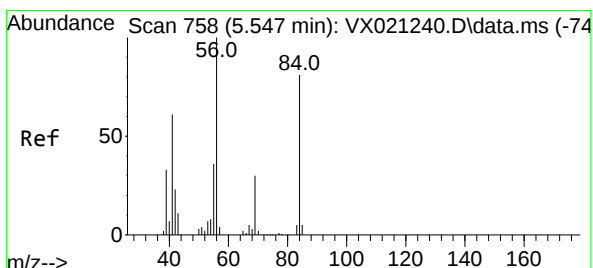
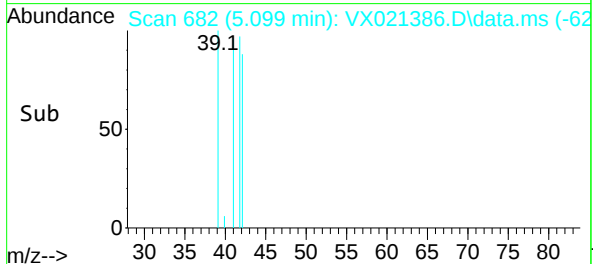
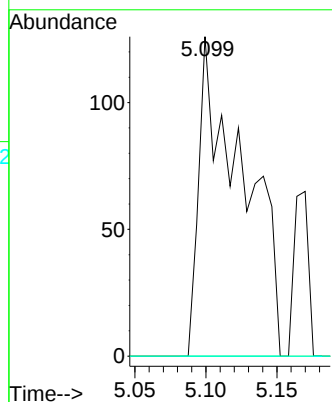
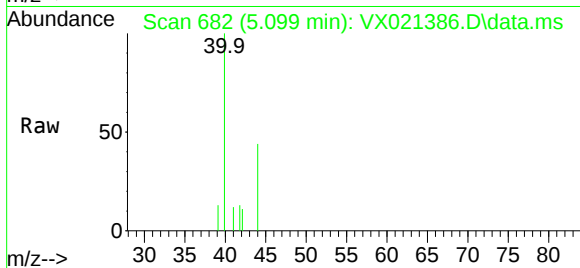
Delta R.T. 0.011 min

Lab File: VX021386.D

Acq: 23 Mar 2021 15:30

Tgt Ion:	42	Resp:	269
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.35 ug/l

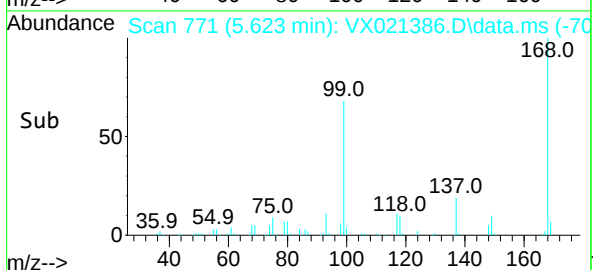
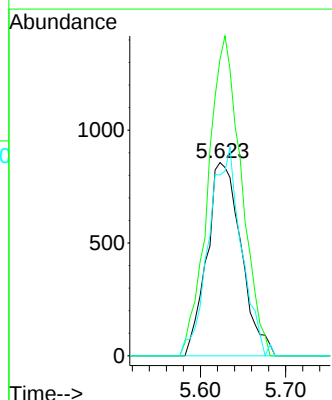
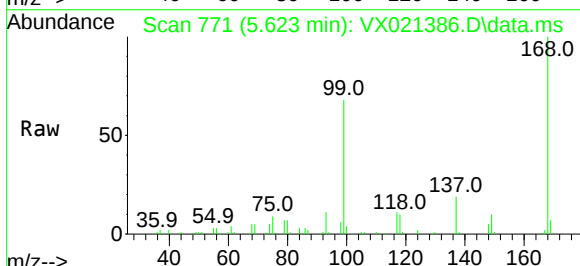
RT: 5.623 min Scan# 771

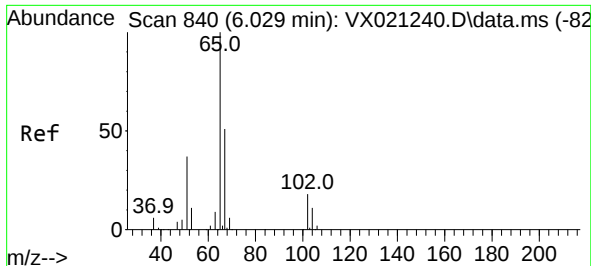
Delta R.T. 0.076 min

Lab File: VX021386.D

Acq: 23 Mar 2021 15:30

Tgt Ion:	56	Resp:	2401
Ion	Ratio	Lower	Upper
56	100		
69	153.6	25.3	37.9#
84	99.6	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 43.93 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021386.D

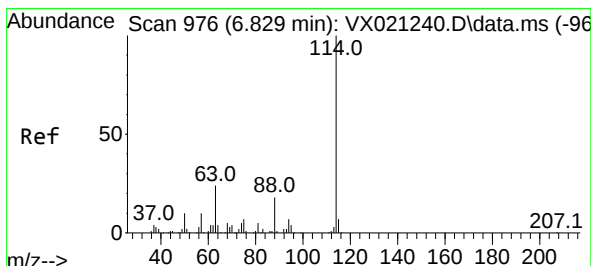
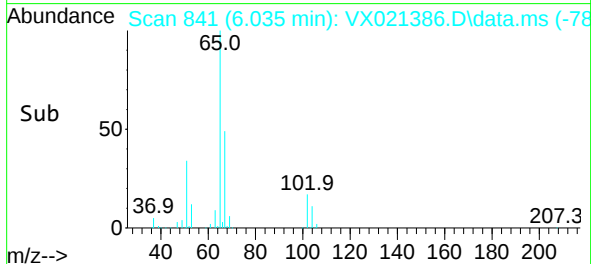
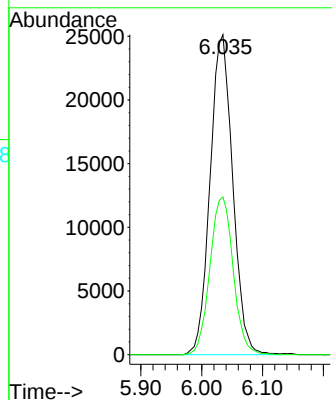
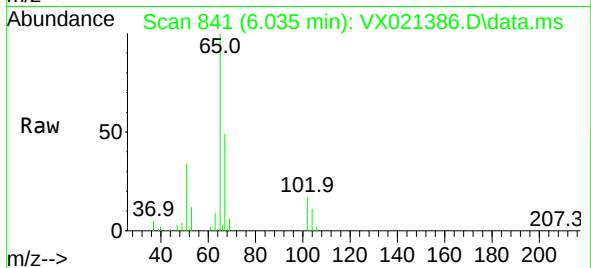
Acq: 23 Mar 2021 15:30

Tgt Ion: 65 Resp: 64865

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021386.D

Acq: 23 Mar 2021 15:30

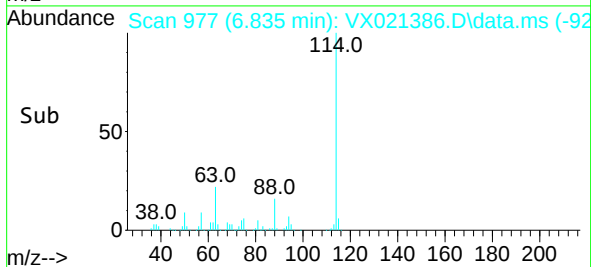
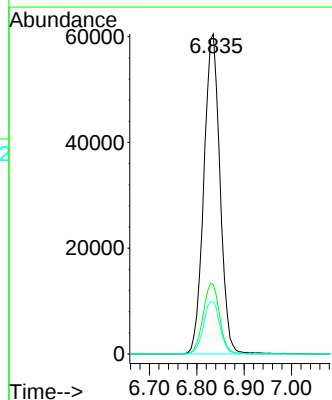
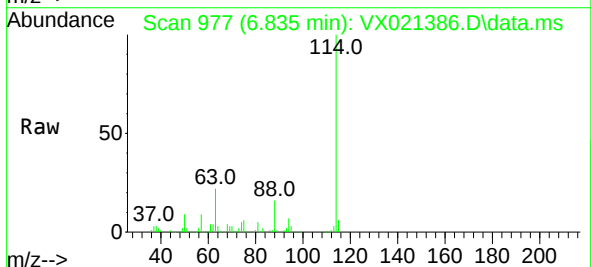
Tgt Ion: 114 Resp: 143359

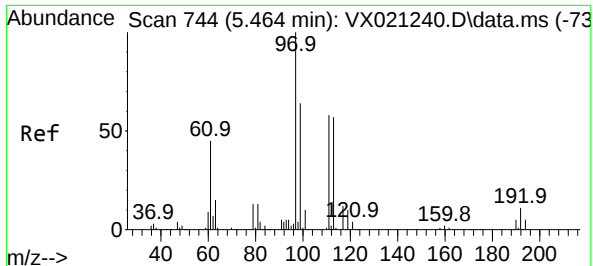
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 16.2 0.0 32.8

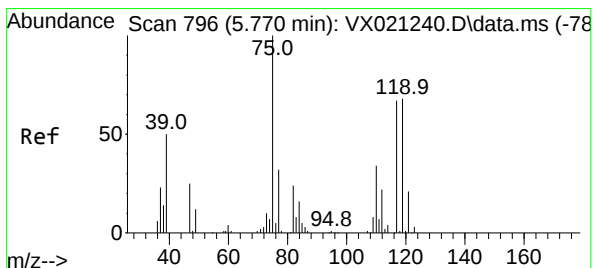
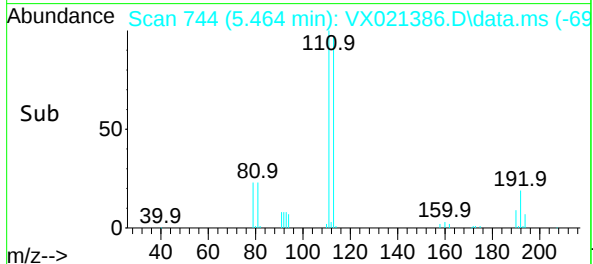
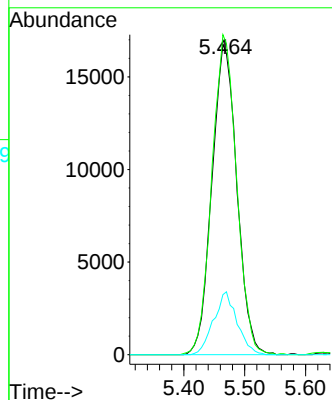
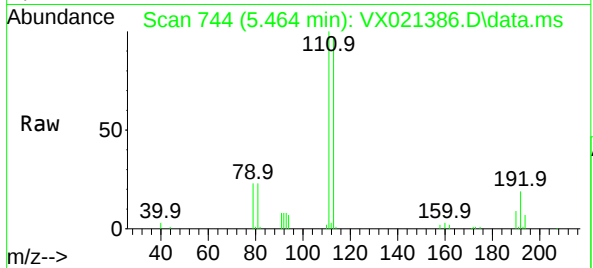




#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

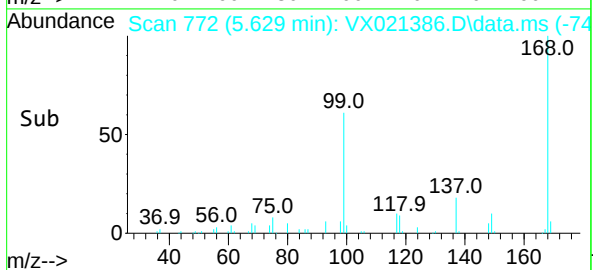
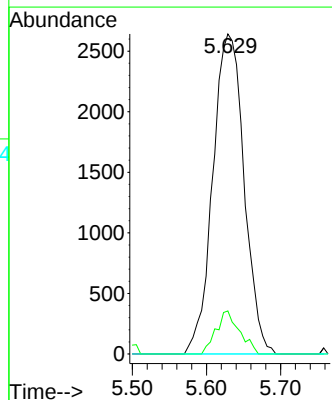
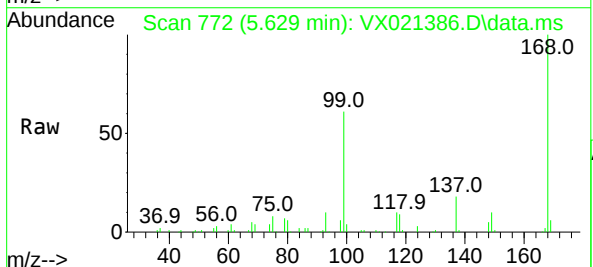
Instrument :
MSVOA_X
ClientSampleId :

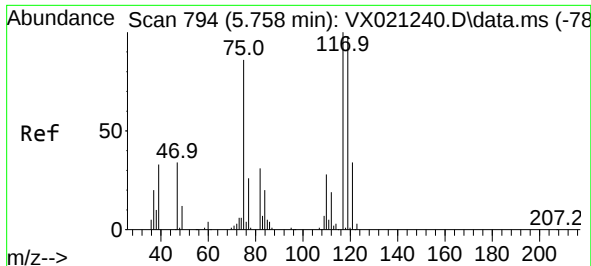
Tgt Ion:113 Resp: 47734
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.36 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

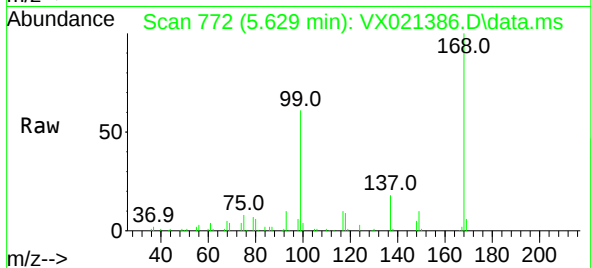
Tgt Ion: 75 Resp: 7741
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



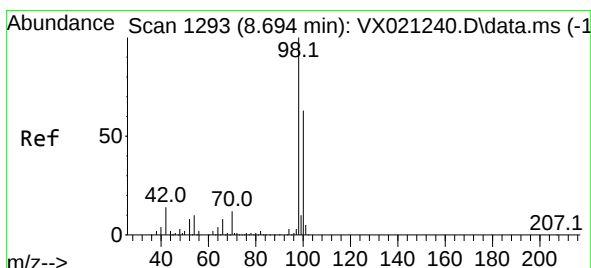
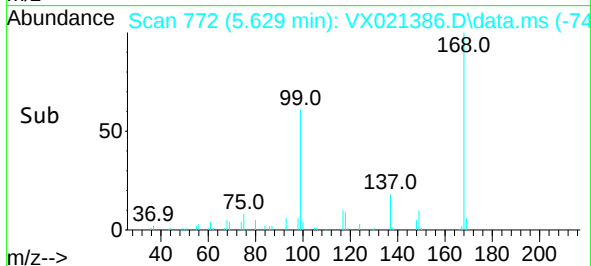
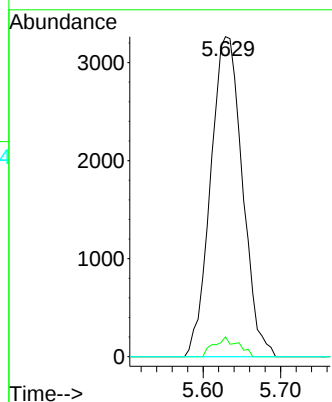


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :

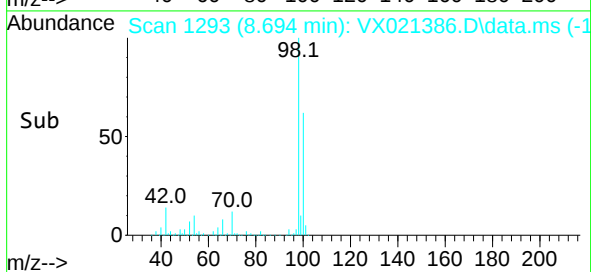
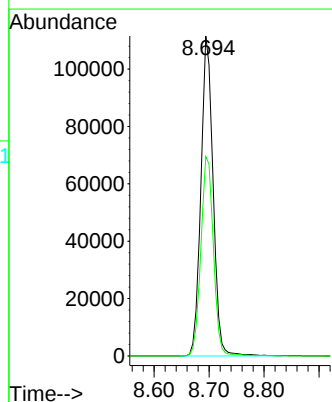
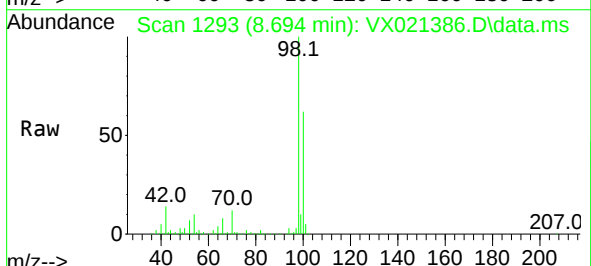


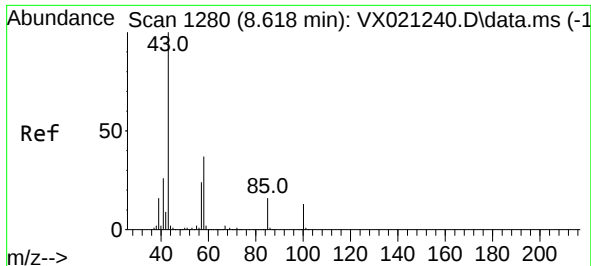
Tgt Ion:117 Resp: 9328
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.61 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Tgt Ion: 98 Resp: 172037
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

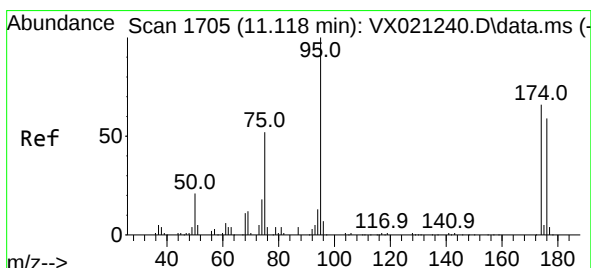
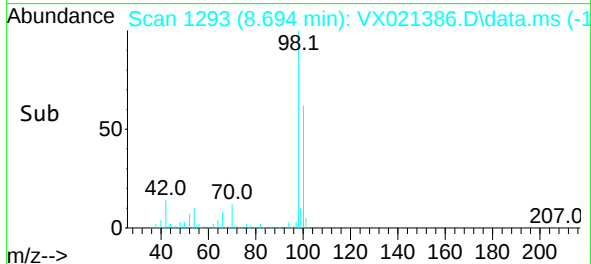
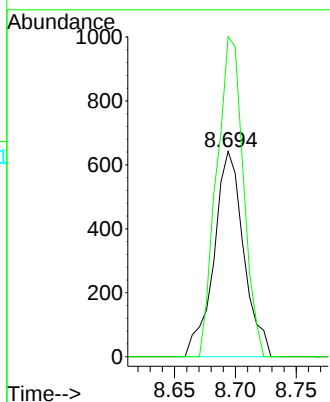
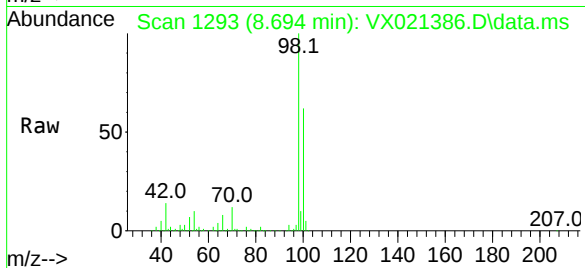




#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

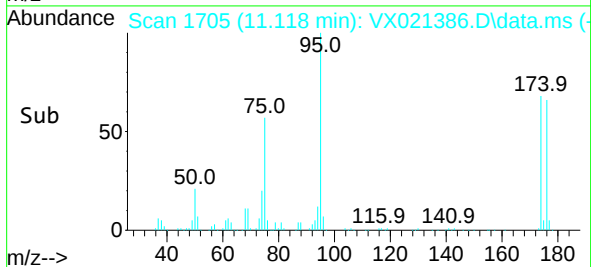
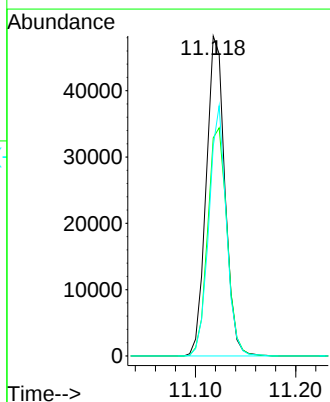
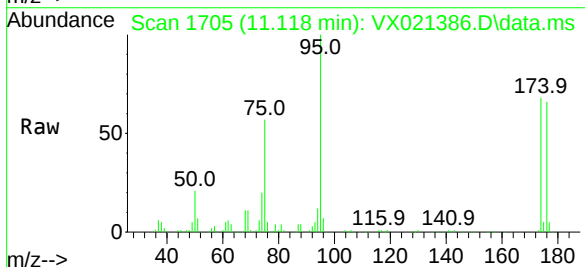
Instrument :
MSVOA_X
ClientSampled :

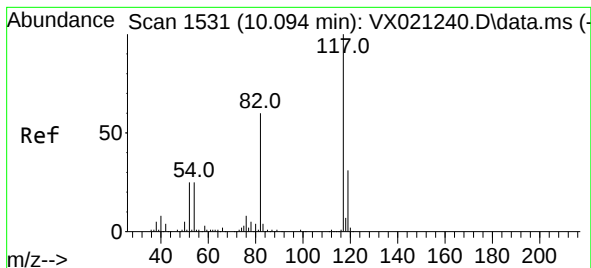
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 139.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Tgt Ion: 95 Resp: 62547
Ion Ratio Lower Upper
95 100
174 73.8 0.0 154.6
176 73.0 0.0 155.8

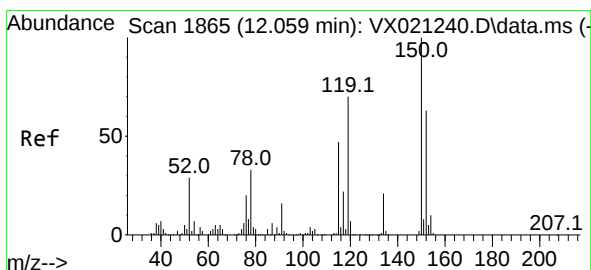
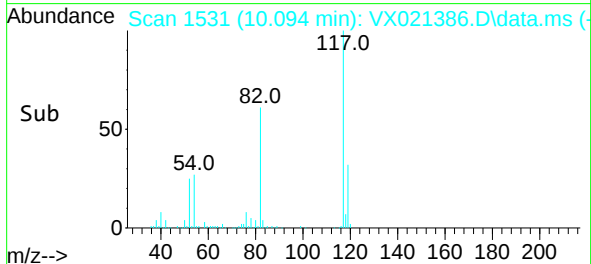
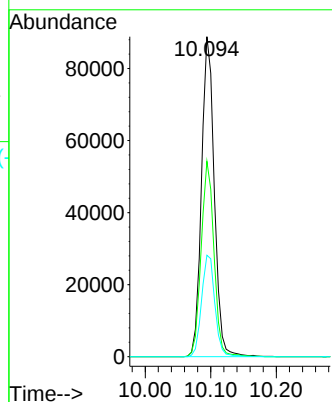
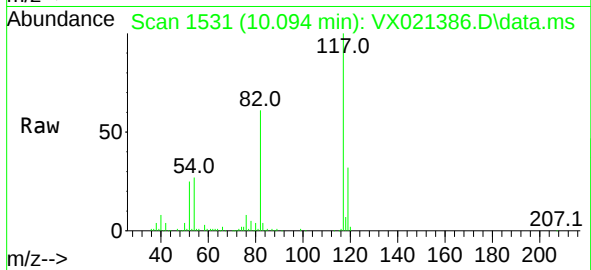




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

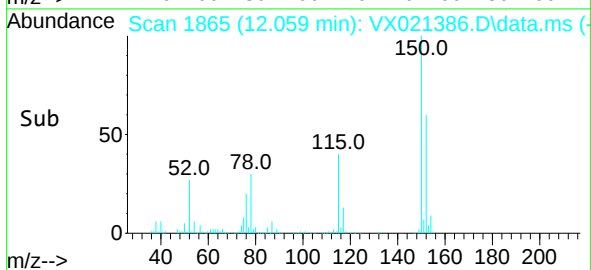
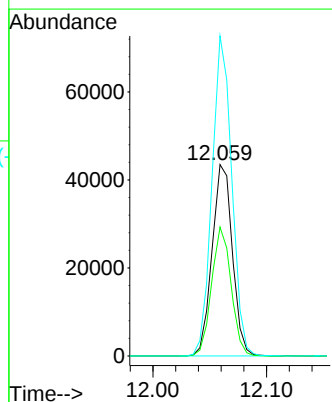
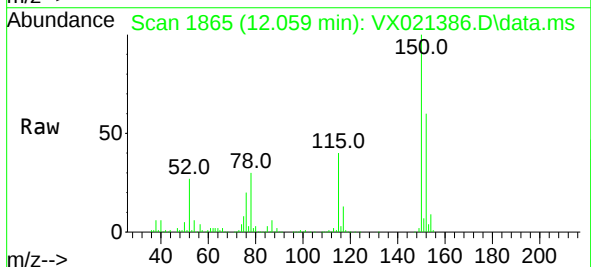
Instrument :
MSVOA_X
ClientSampled :

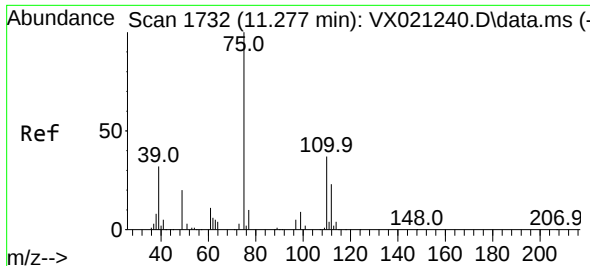
Tgt Ion:117 Resp: 121099
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Tgt Ion:152 Resp: 54096
Ion Ratio Lower Upper
152 100
115 64.4 41.1 123.3
150 162.6 0.0 349.0

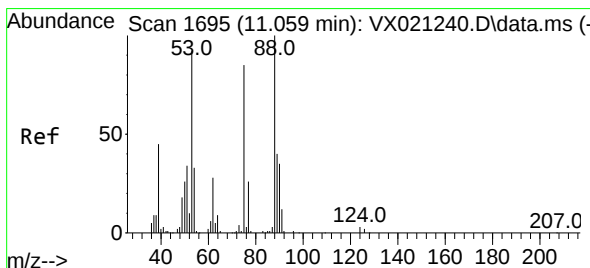
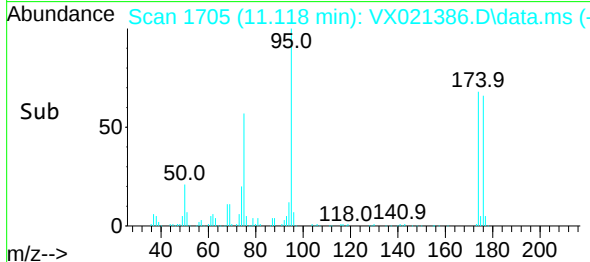
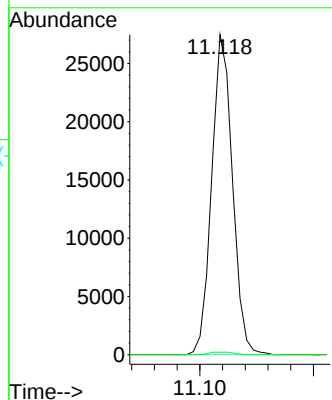
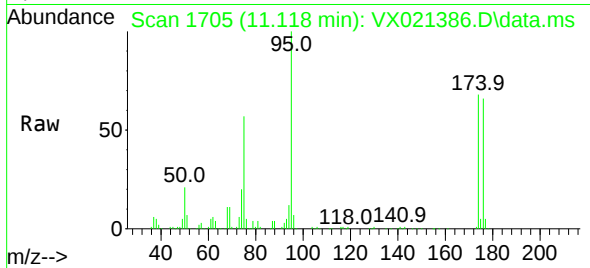




#76
1,2,3-Trichloropropane
Concen: 27.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 34866
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.43 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021386.D
Acq: 23 Mar 2021 15:30

Tgt Ion: 75 Resp: 34866
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

