

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021099.D
 Acq On : 09 Mar 2021 10:47
 Operator : JC/MD
 Sample : VX0309WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:28:43 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)

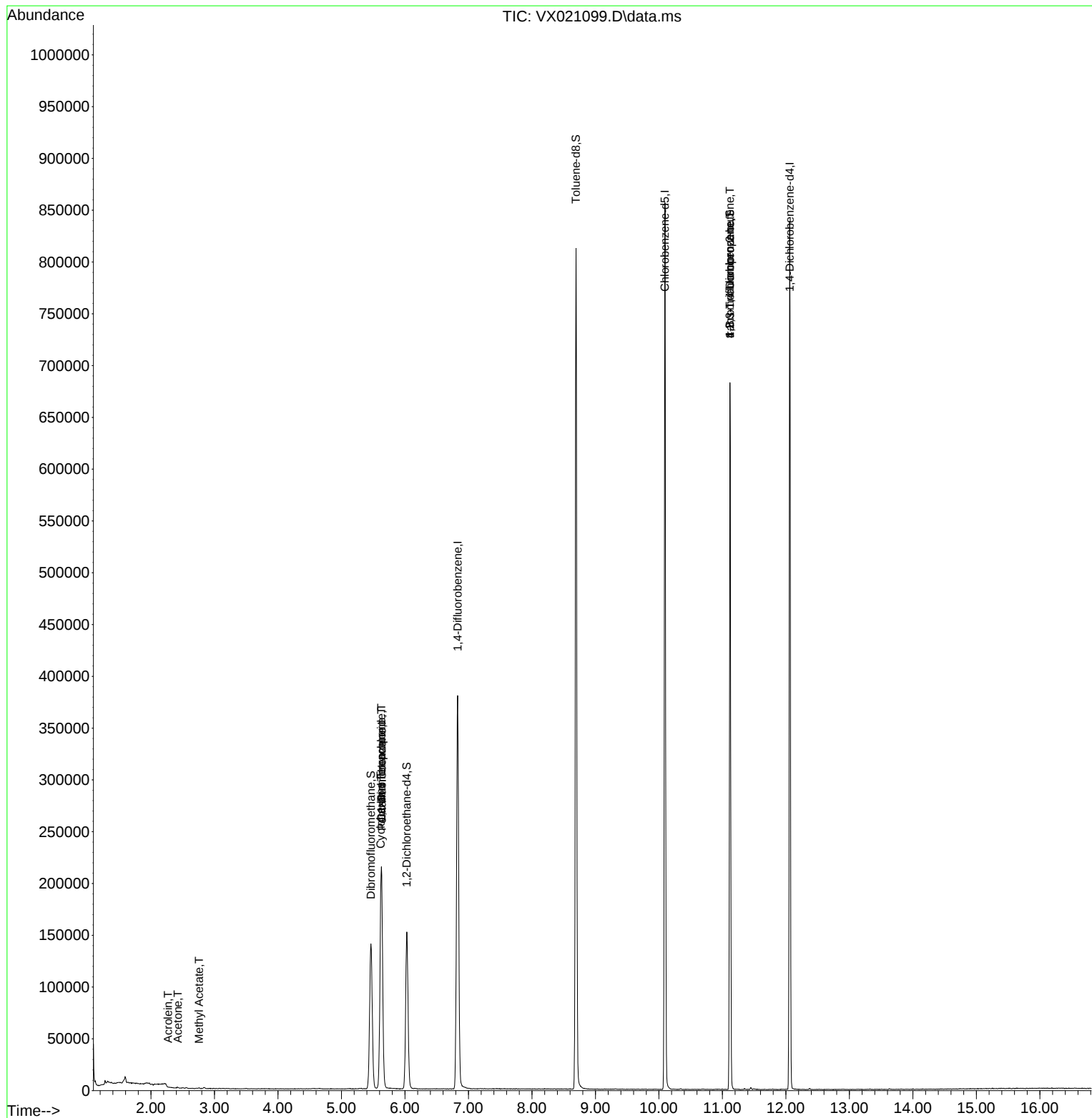
Internal Standards						
1) Pentafluorobenzene	5.635	168	213399	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	404289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	392163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	175397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	142261	49.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.70%
35) Dibromofluoromethane	5.464	113	124799	50.81	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.62%
50) Toluene-d8	8.694	98	495332	51.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.44%
62) 4-Bromofluorobenzene	11.118	95	185513	52.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.76%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	446	Below Cal	#	77
13) Acrolein	2.270	56	110	0.28	ug/l #	45
16) Acetone	2.423	43	1195	1.01	ug/l #	81
18) Methyl Acetate	2.758	43	888	0.32	ug/l #	66
31) Cyclohexane	5.617	56	4056	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16855	4.39	ug/l #	48
38) Carbon Tetrachloride	5.629	117	20449	5.49	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	90246	23.92	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	90246	52.95	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Mar 10 00:28:43 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

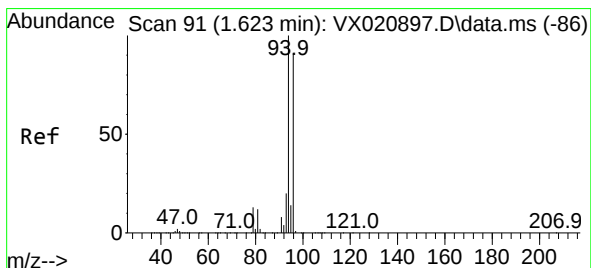
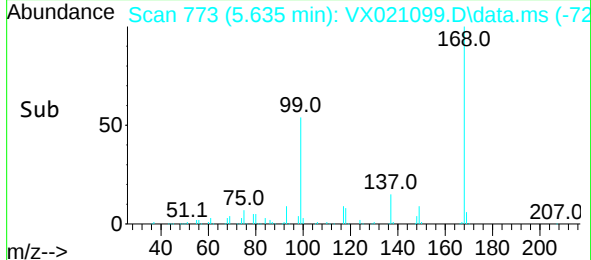
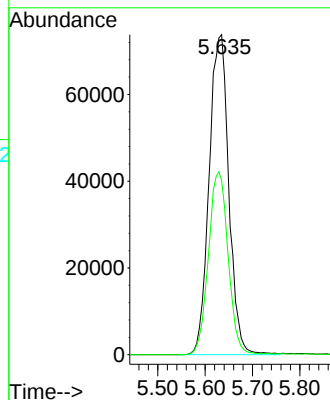
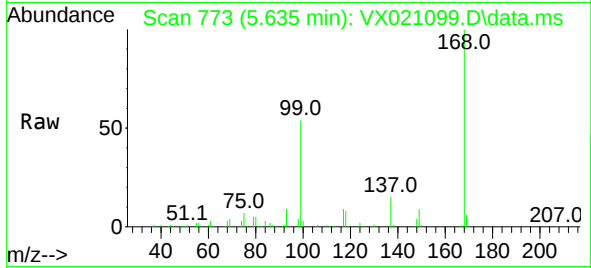




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

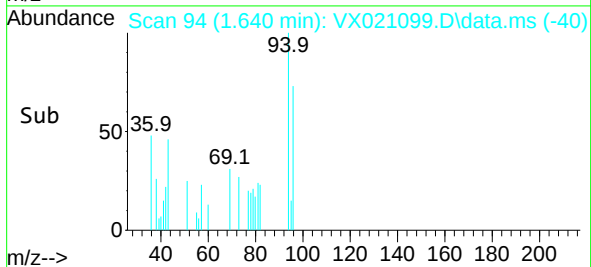
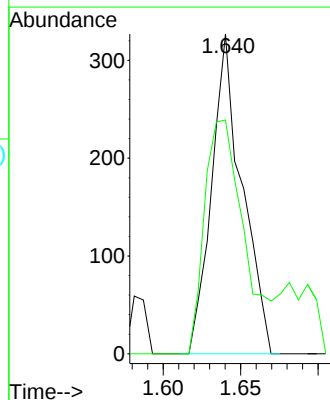
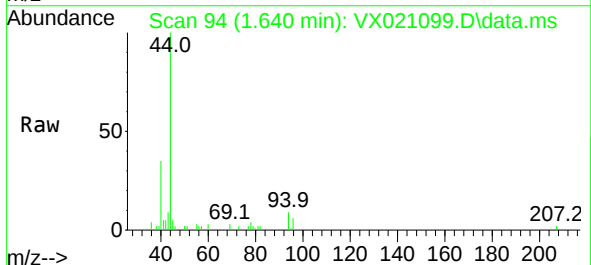
Instrument :
MSVOA_X
ClientSampled :

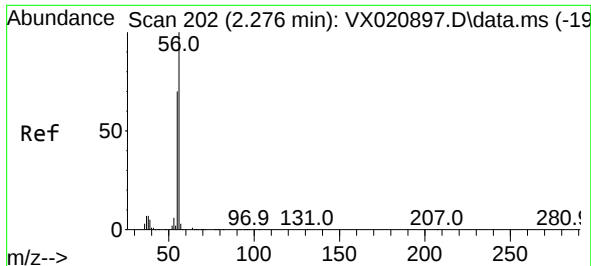
Tgt Ion:168 Resp: 213399
Ion Ratio Lower Upper
168 100
99 54.4 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 73.1 76.4 114.6#

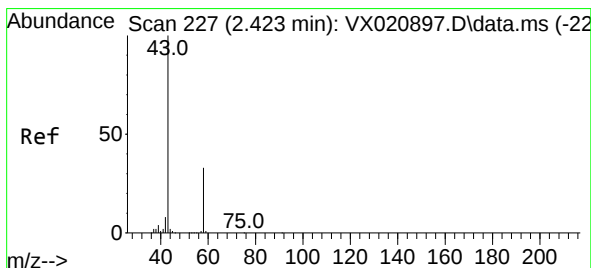
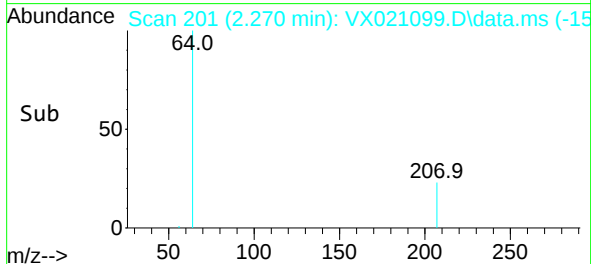
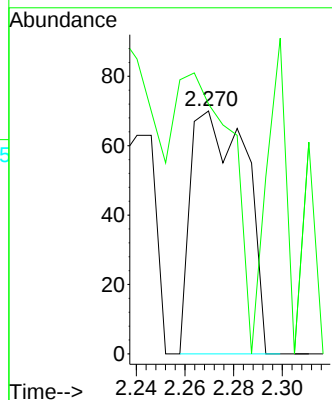
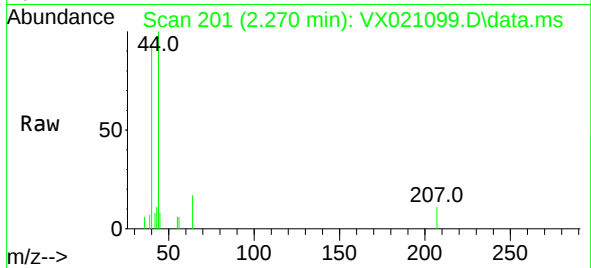




#13
Acrolein
Concen: 0.28 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

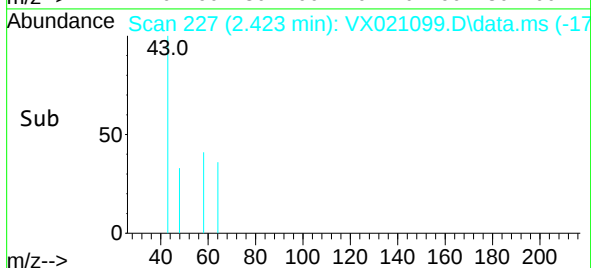
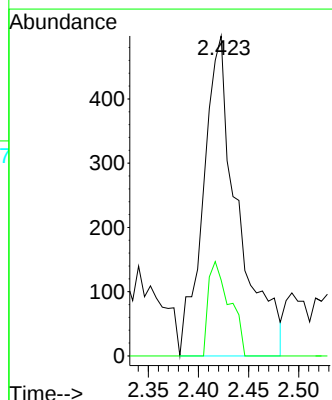
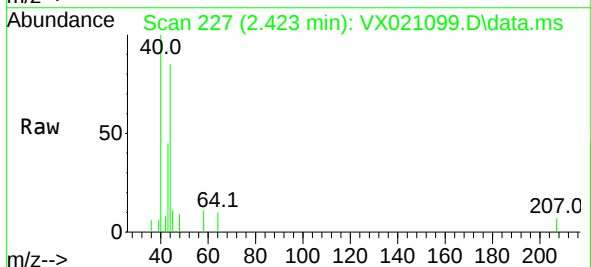
Instrument :
MSVOA_X
ClientSampled :

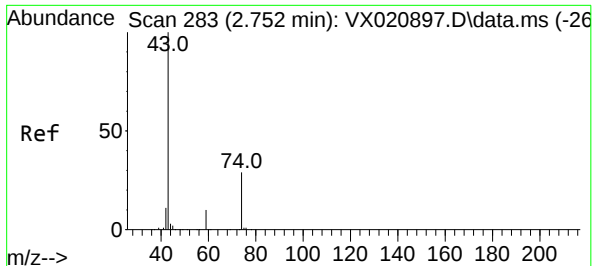
Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 115.5 56.4 84.6#



#16
Acetone
Concen: 1.01 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
58 23.7 27.8 41.8#





#18

Methyl Acetate

Concen: 0.32 ug/l

RT: 2.758 min Scan# 284

Delta R.T. 0.006 min

Lab File: VX021099.D

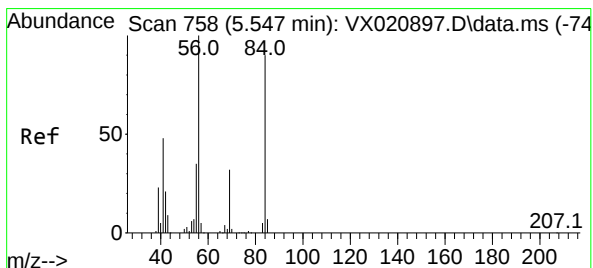
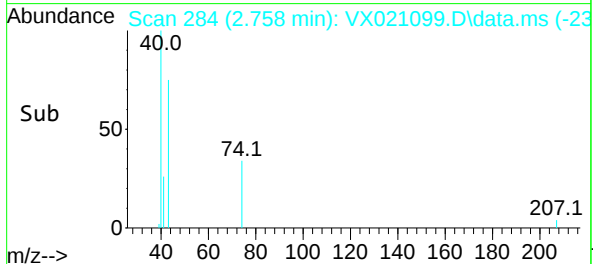
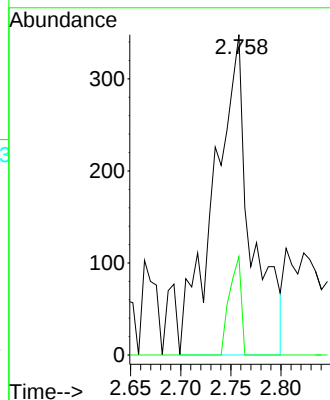
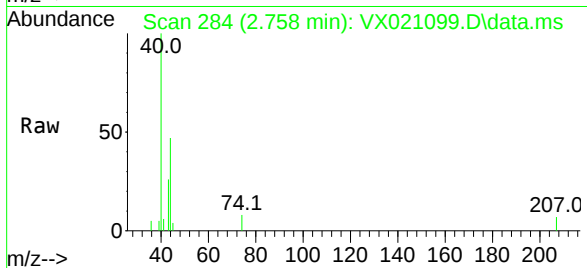
Acq: 09 Mar 2021 10:47

Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

74 9.8 21.9 32.9#



#31

Cyclohexane

Concen: 0.97 ug/l

RT: 5.617 min Scan# 770

Delta R.T. 0.071 min

Lab File: VX021099.D

Acq: 09 Mar 2021 10:47

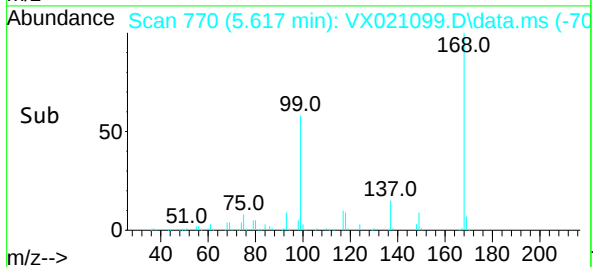
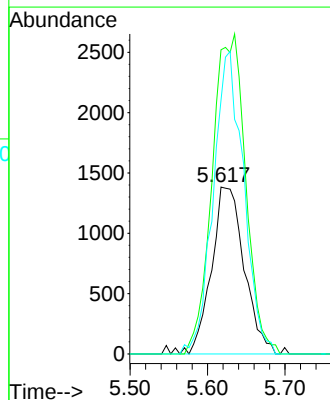
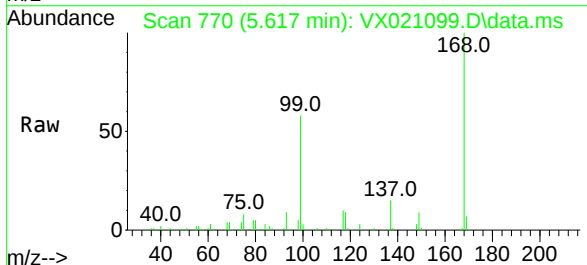
Tgt Ion: 56 Resp: 4056

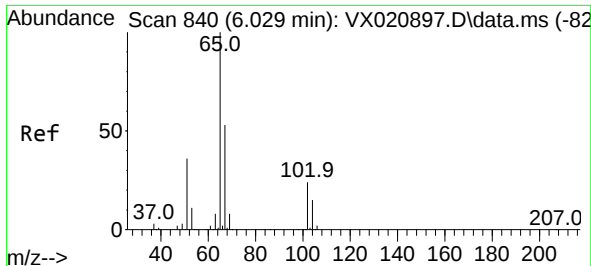
Ion Ratio Lower Upper

56 100

69 182.3 25.3 37.9#

84 151.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.35 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021099.D

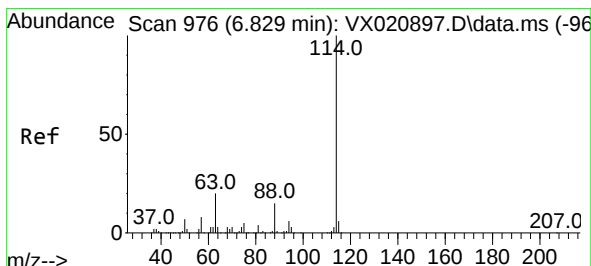
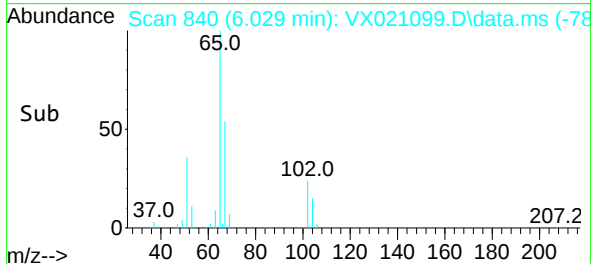
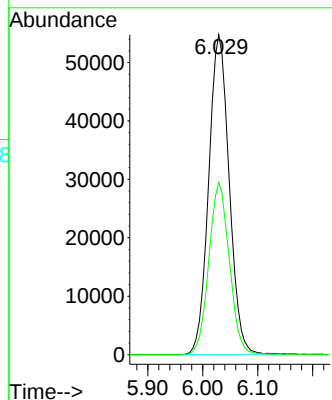
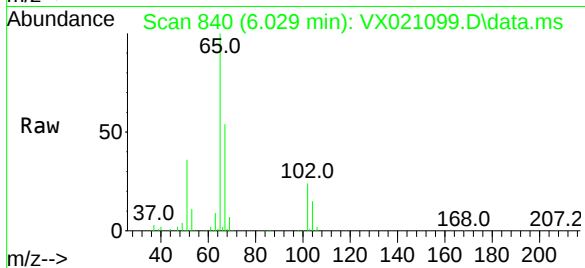
Acq: 09 Mar 2021 10:47

Tgt Ion: 65 Resp: 142261

Ion Ratio Lower Upper

65 100

67 53.7 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: VX021099.D

Acq: 09 Mar 2021 10:47

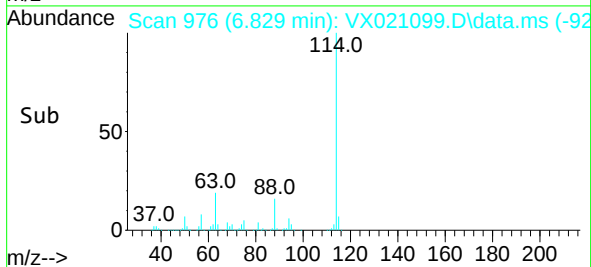
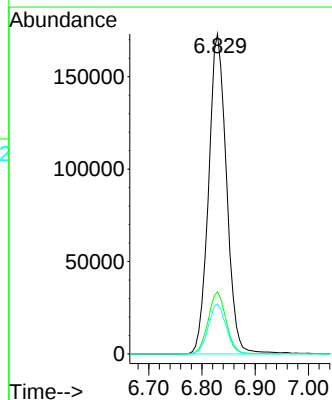
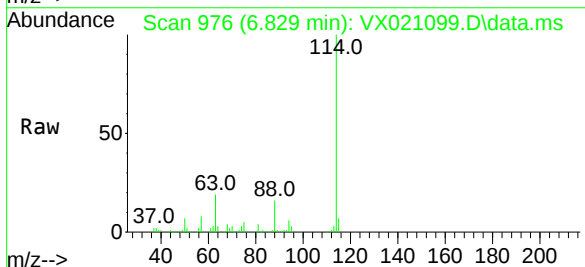
Tgt Ion: 114 Resp: 404289

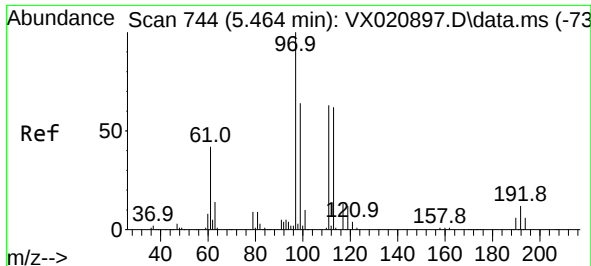
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 15.6 0.0 32.8

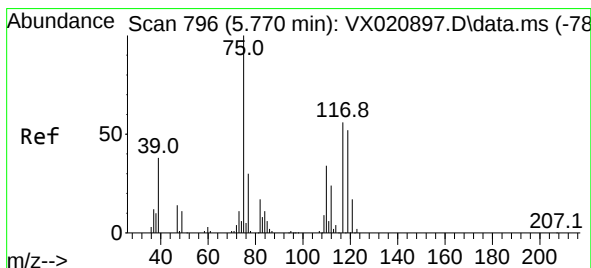
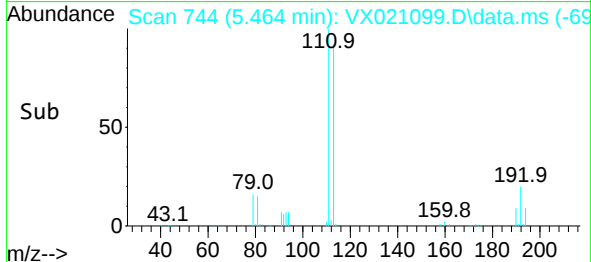
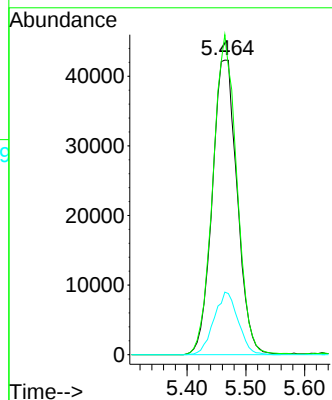
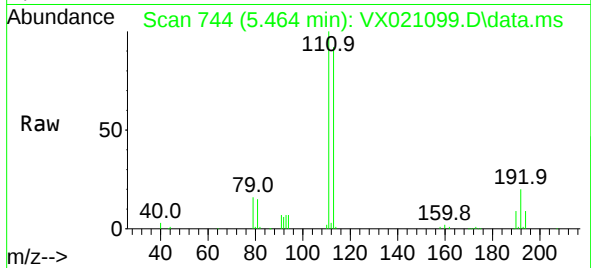




#35
Dibromofluoromethane
Concen: 50.81 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

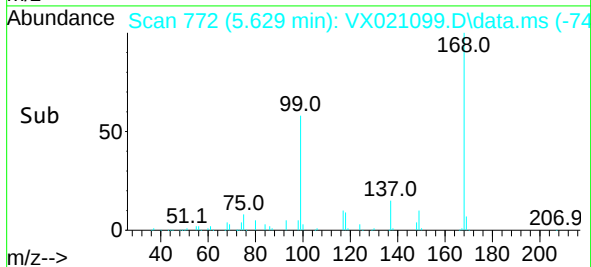
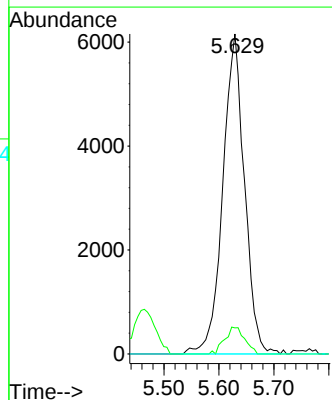
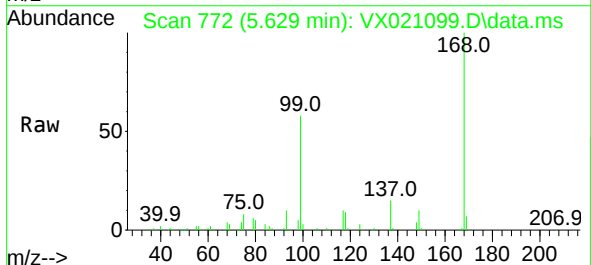
Instrument :
MSVOA_X
ClientSampled :

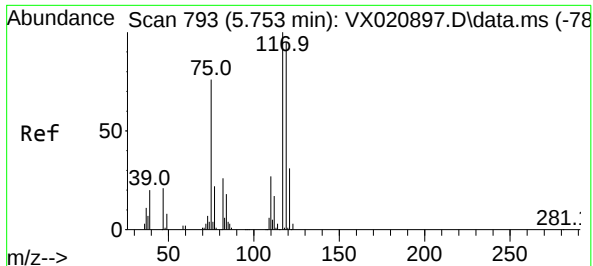
Tgt Ion:113 Resp: 124799
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

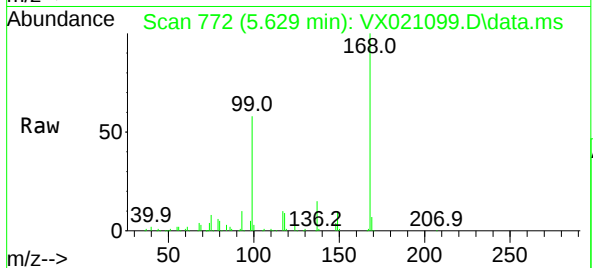
Tgt Ion: 75 Resp: 16855
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



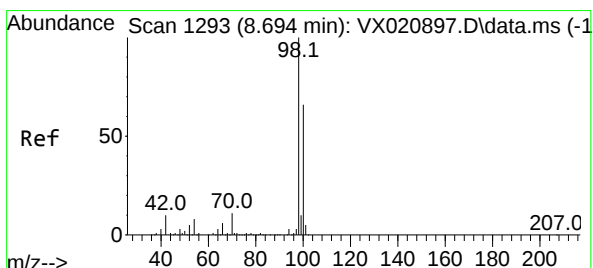
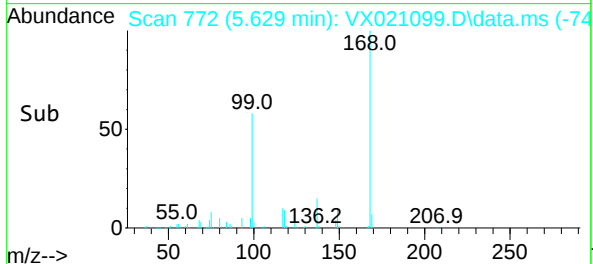
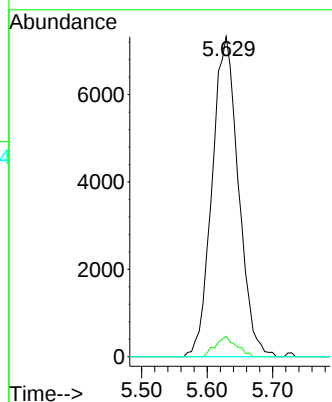


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :

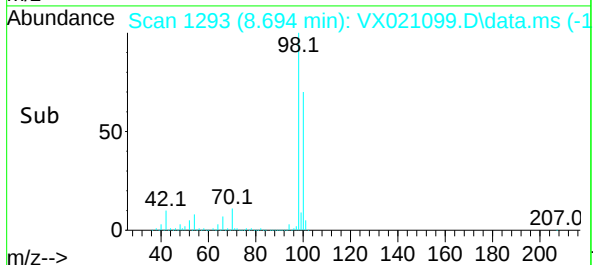
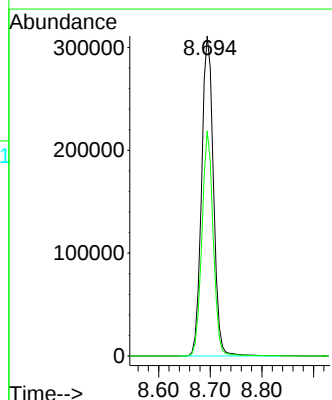
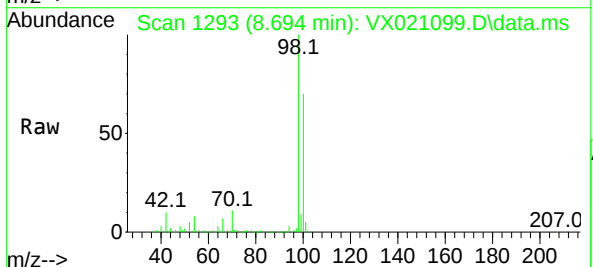


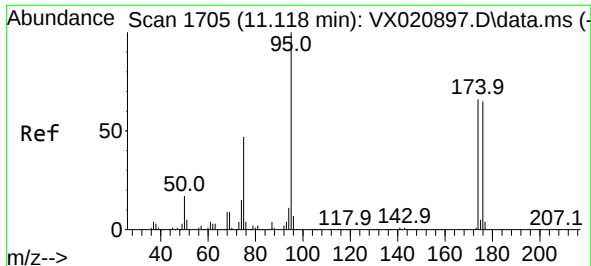
Tgt Ion:117 Resp: 20449
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.72 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

Tgt Ion: 98 Resp: 495332
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9

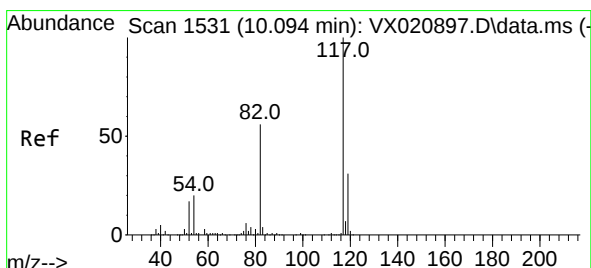
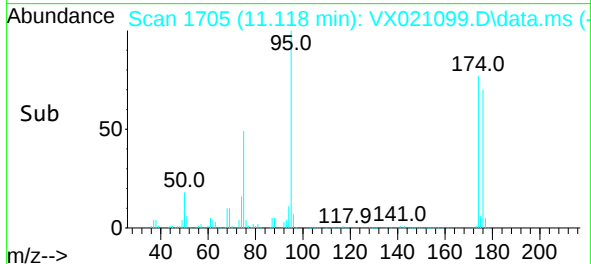
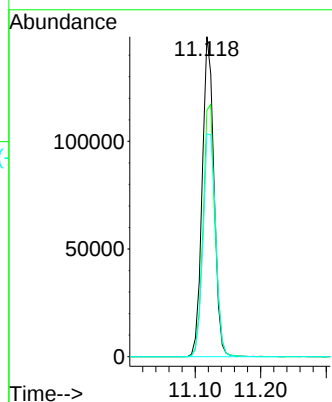
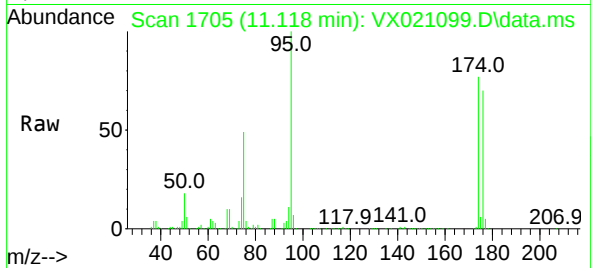




#62
4-Bromofluorobenzene
Concen: 52.38 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

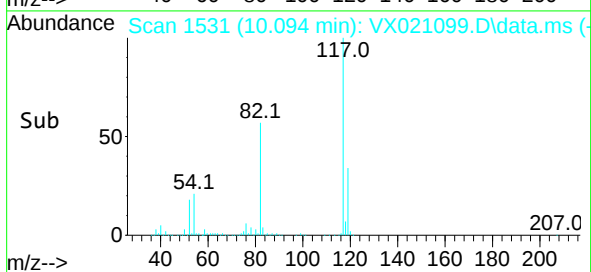
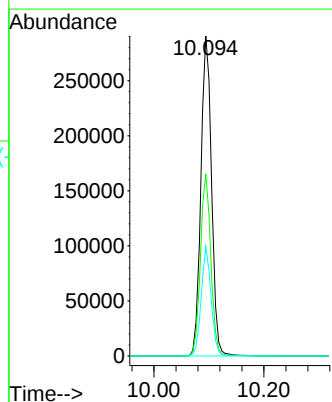
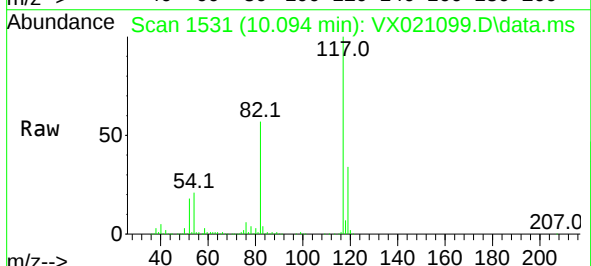
Instrument :
MSVOA_X
ClientSampled :

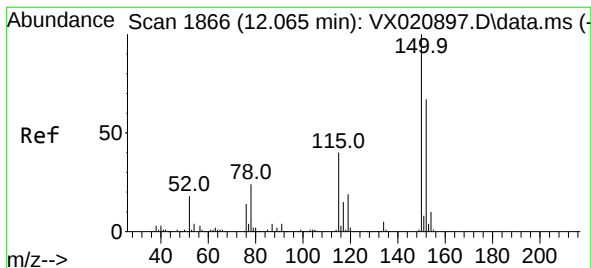
Tgt Ion: 95 Resp: 185513
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 75.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021099.D
Acq: 09 Mar 2021 10:47

Tgt Ion: 117 Resp: 392163
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 34.2 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: VX021099.D

Acq: 09 Mar 2021 10:47

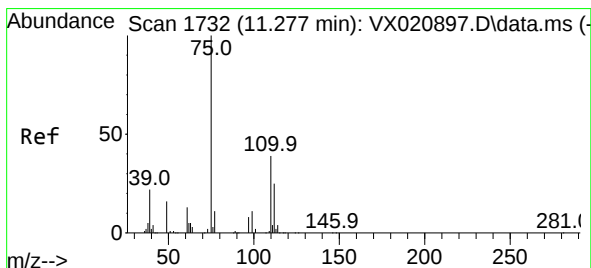
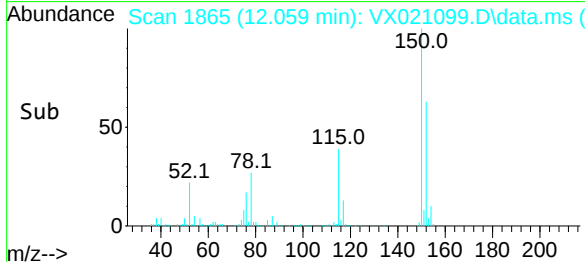
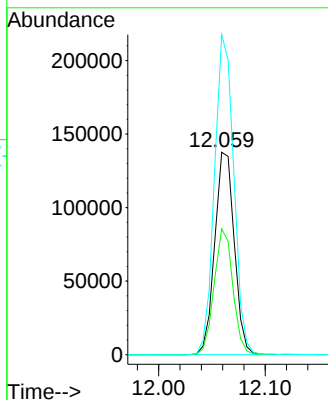
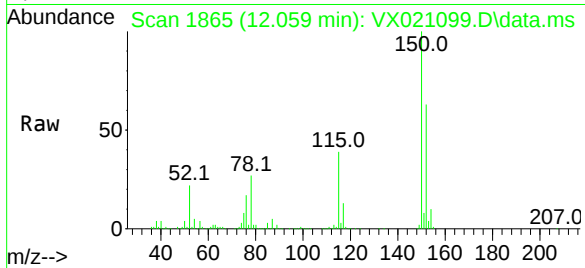
Tgt Ion:152 Resp: 175397

Ion Ratio Lower Upper

152 100

115 59.3 41.1 123.3

150 155.9 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 23.92 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. -0.159 min

Lab File: VX021099.D

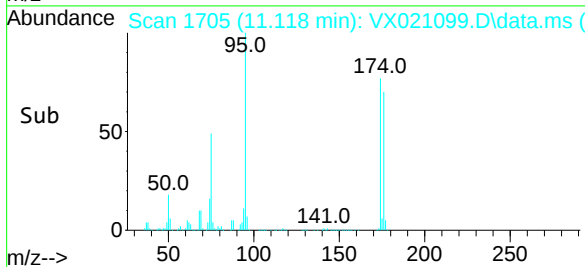
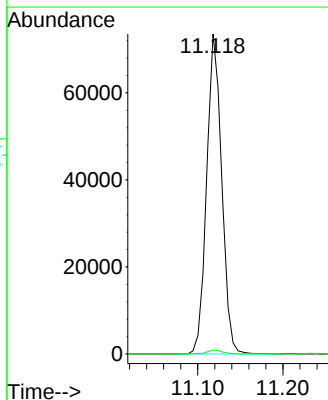
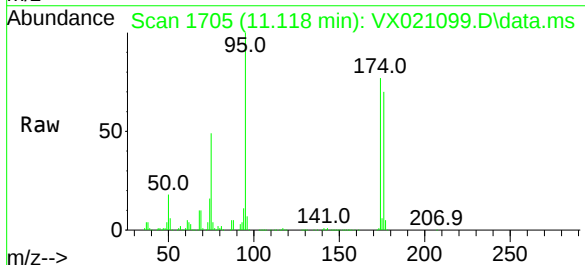
Acq: 09 Mar 2021 10:47

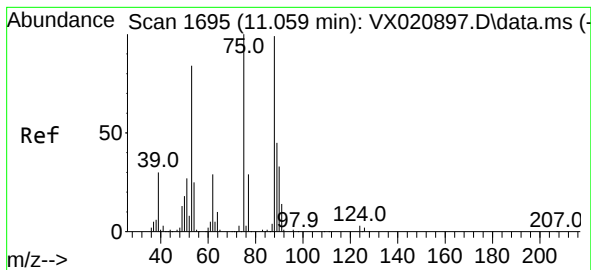
Tgt Ion: 75 Resp: 90246

Ion Ratio Lower Upper

75 100

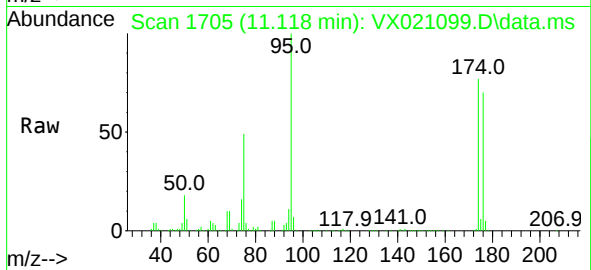
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.95 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021099.D
 Acq: 09 Mar 2021 10:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 90246
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

