

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021005.D
 Acq On : 04 Mar 2021 11:26
 Operator : JC/MD
 Sample : VX0306MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 04 13:35:09 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)

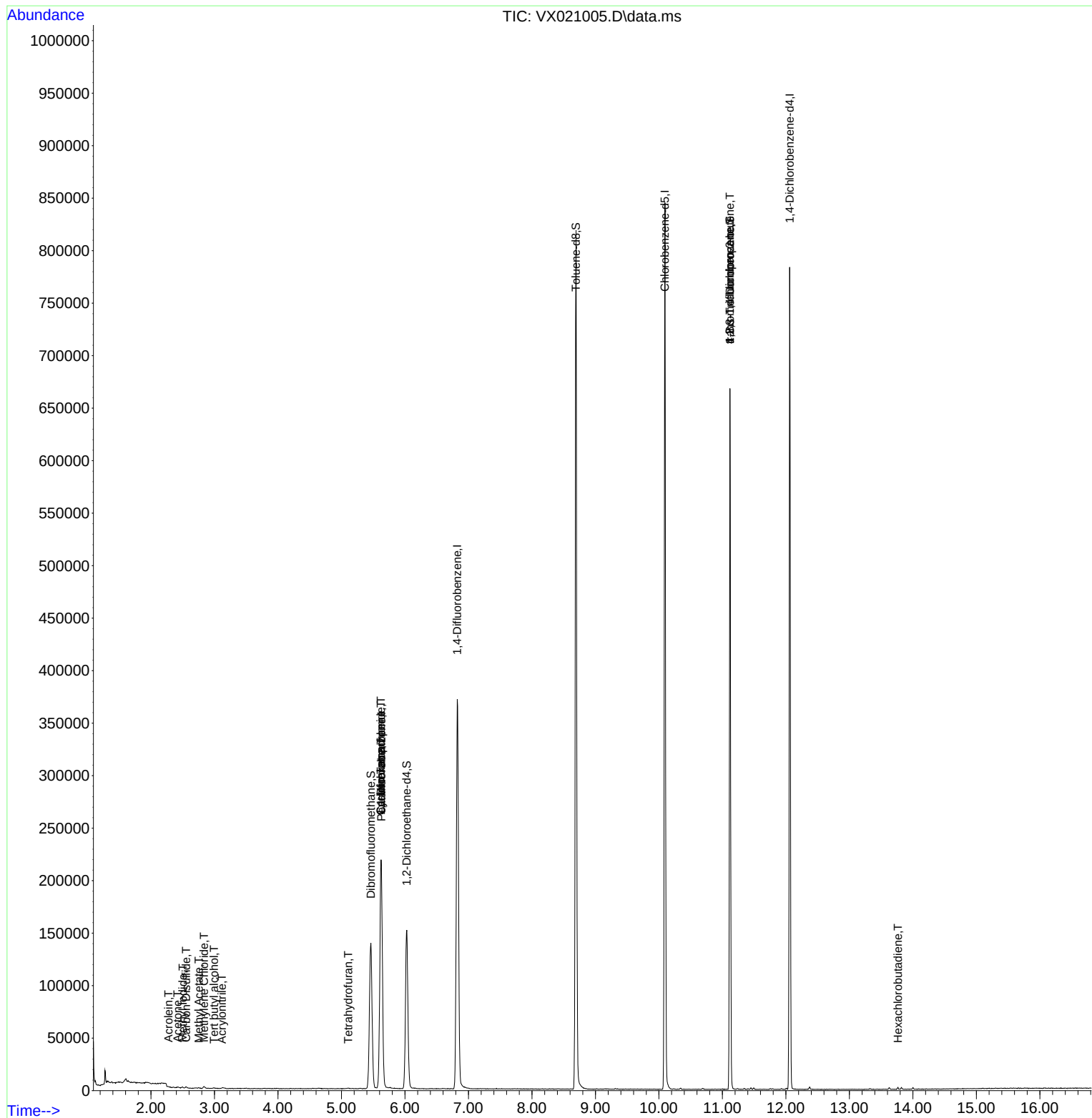
Internal Standards						
1) Pentafluorobenzene	5.629	168	214433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	399541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	386276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	158746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	144713	49.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.92%
35) Dibromofluoromethane	5.464	113	124784	51.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.80%
50) Toluene-d8	8.694	98	493545	52.14	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.28%
62) 4-Bromofluorobenzene	11.118	95	182023	52.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.02%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	851	Below Cal		85
10) Methyl Iodide	2.499	142	998	0.32 ug/l #		88
11) Tert butyl alcohol	2.993	59	334	0.52 ug/l #		73
13) Acrolein	2.276	56	311	0.78 ug/l		99
15) Acrylonitrile	3.117	53	414	0.30 ug/l		97
16) Acetone	2.417	43	902	0.76 ug/l		94
17) Carbon Disulfide	2.552	76	1801	0.26 ug/l #		95
18) Methyl Acetate	2.752	43	619	0.22 ug/l #		82
20) Methylene Chloride	2.835	84	856	0.30 ug/l #		93
29) Tetrahydrofuran	5.105	42	380	0.33 ug/l #		51
31) Cyclohexane	5.623	56	4516	1.08 ug/l #		1
36) 1,1-Dichloropropene	5.623	75	16581	4.37 ug/l #		48
38) Carbon Tetrachloride	5.623	117	20869	5.67 ug/l #		17
76) 1,2,3-Trichloropropane	11.118	75	85620	25.07 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	85620	55.51 ug/l #		12
94) Hexachlorobutadiene	13.765	225	297	0.23 ug/l		93

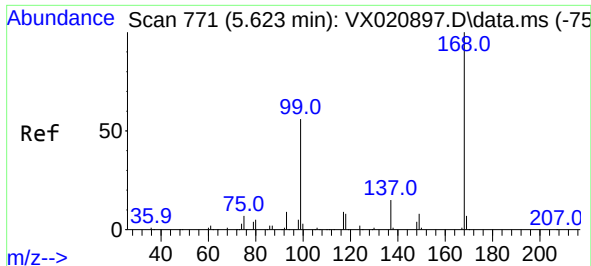
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 04 13:35:09 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

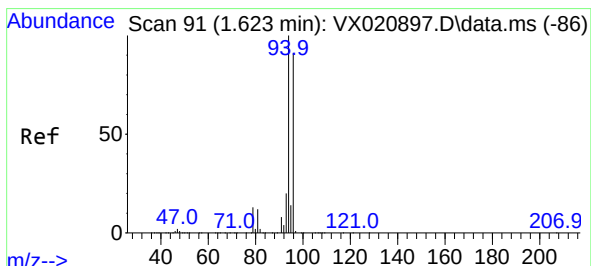
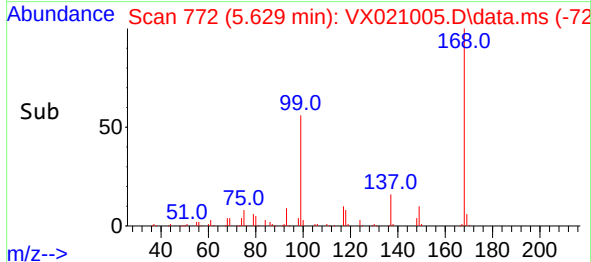
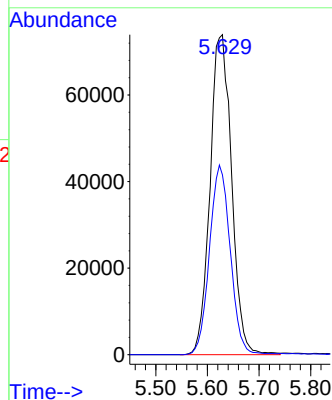
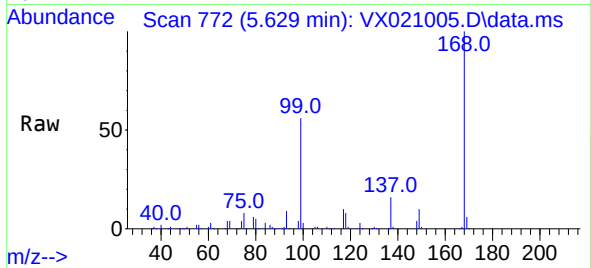




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

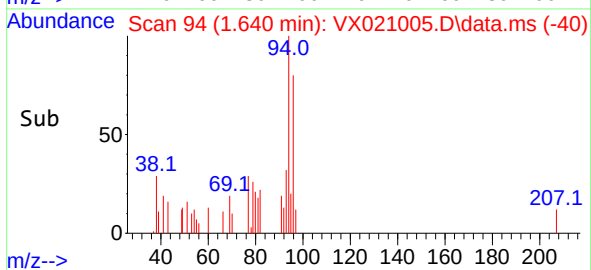
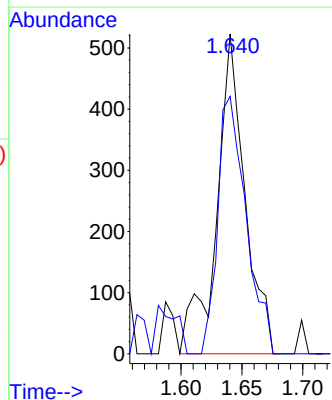
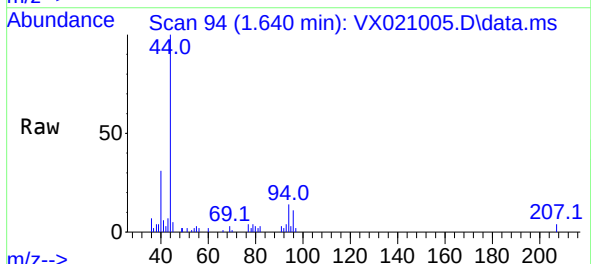
Instrument :
MSVOA_X
ClientSampled :

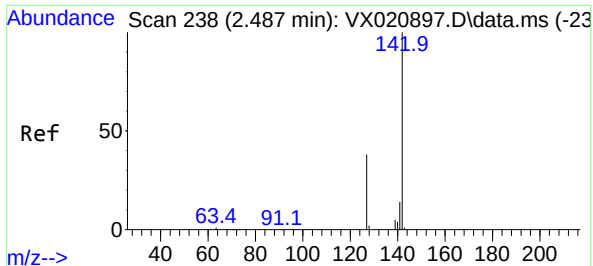
Tgt Ion:168 Resp: 214433
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion: 94 Resp: 851
Ion Ratio Lower Upper
94 100
96 80.5 76.4 114.6

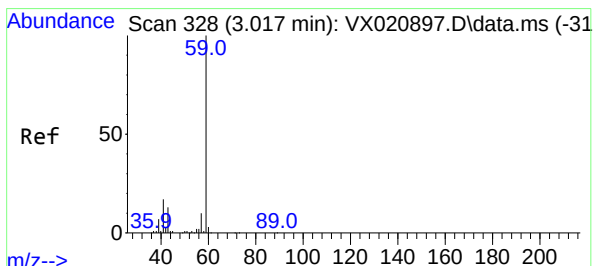
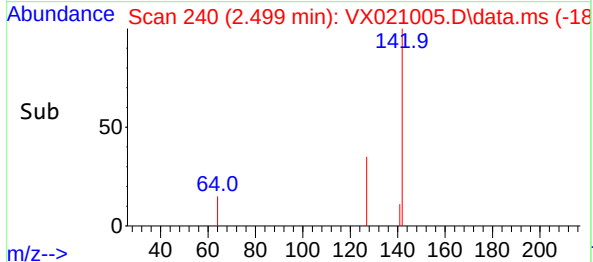
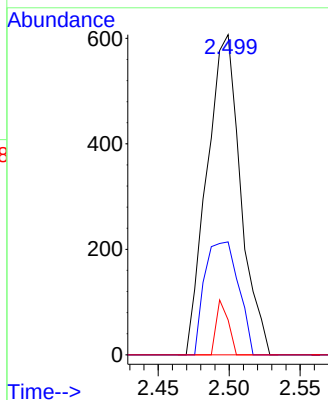
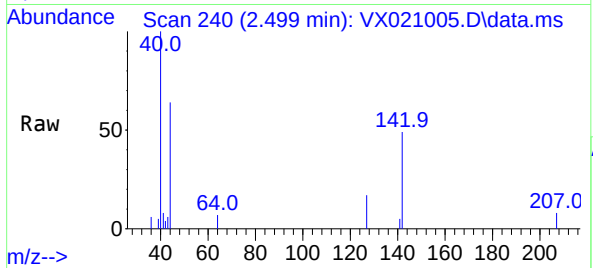




#10
Methyl Iodide
Concen: 0.32 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

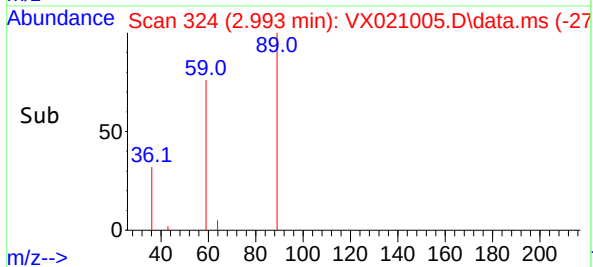
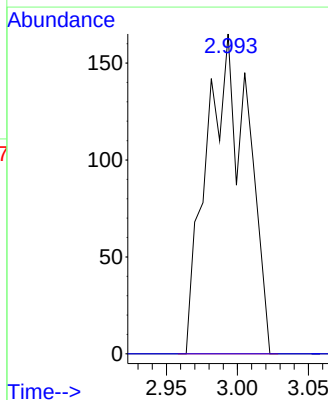
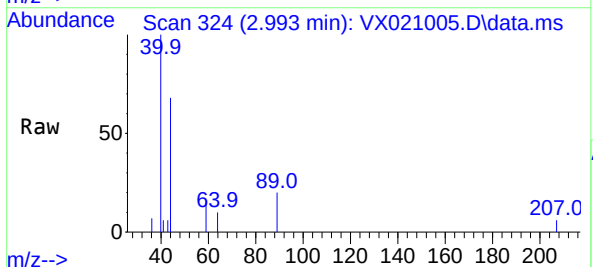
Instrument :
MSVOA_X
ClientSampled :

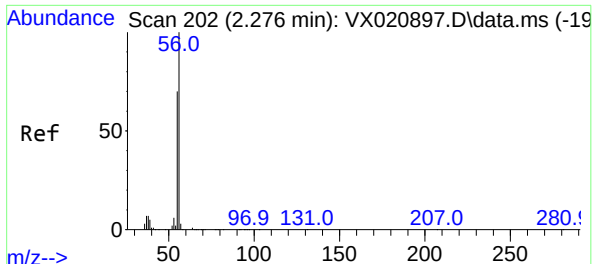
Tgt Ion:142 Resp: 998
Ion Ratio Lower Upper
142 100
127 35.4 33.3 49.9
141 6.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

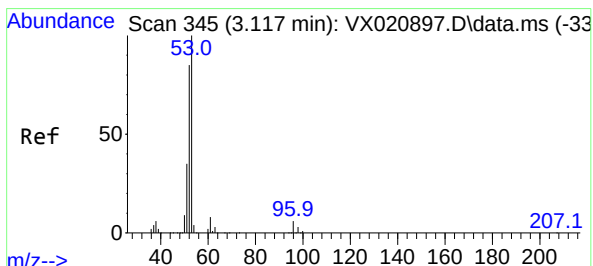
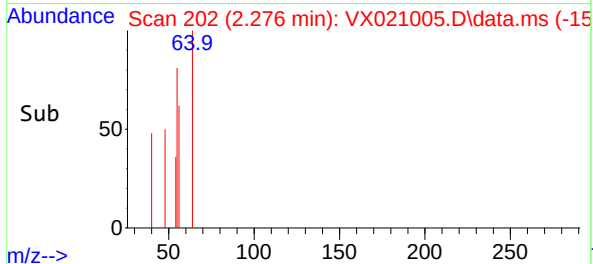
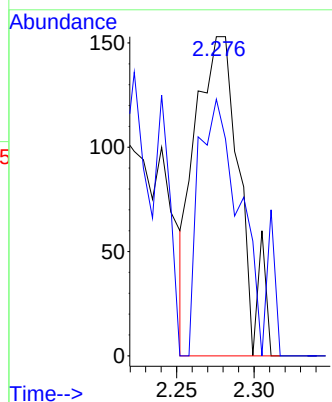
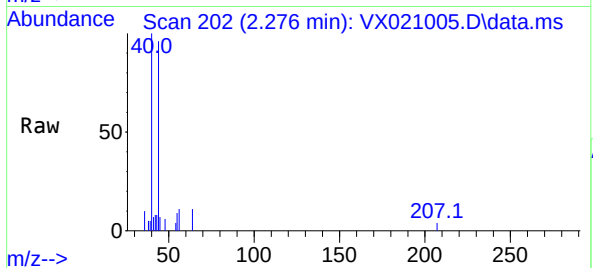




#13
Acrolein
Concen: 0.78 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

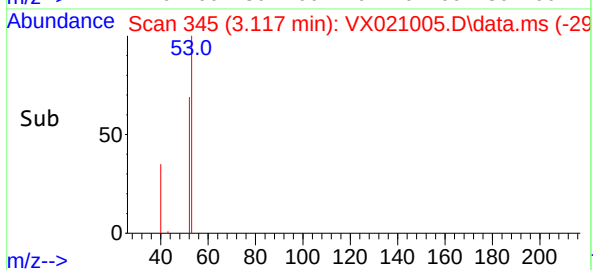
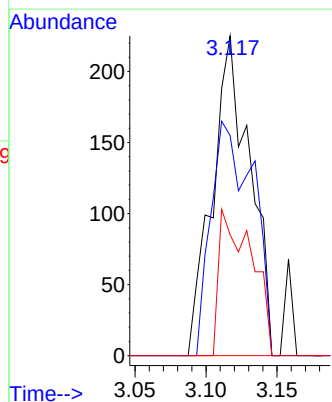
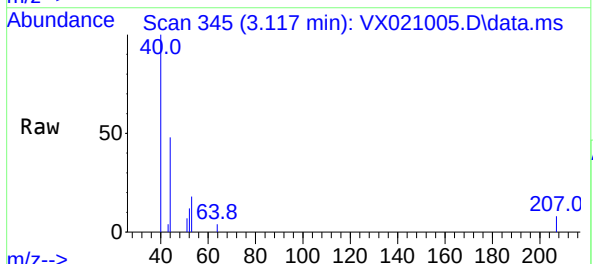
Instrument :
MSVOA_X
ClientSampled :

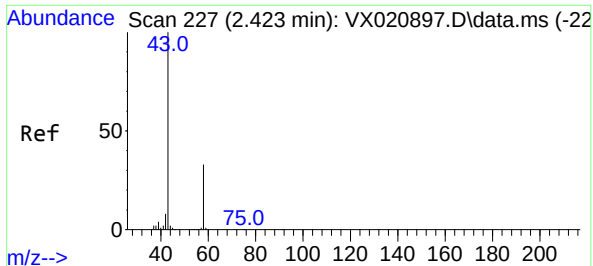
Tgt Ion: 56 Resp: 311
Ion Ratio Lower Upper
56 100
55 71.7 56.4 84.6



#15
Acrylonitrile
Concen: 0.30 ug/l
RT: 3.117 min Scan# 345
Delta R.T. -0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion: 53 Resp: 414
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 39.9 28.2 42.2

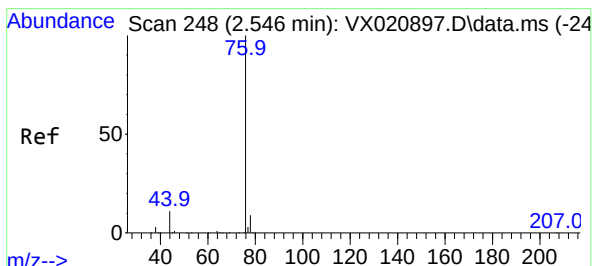
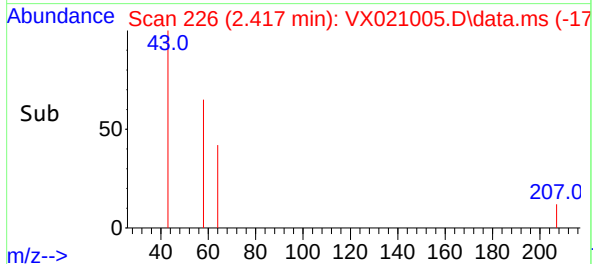
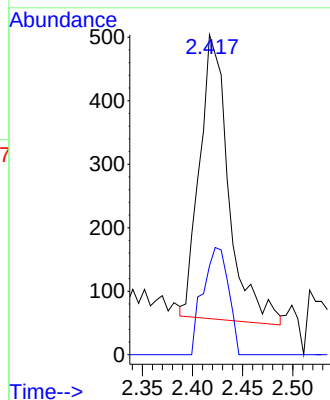
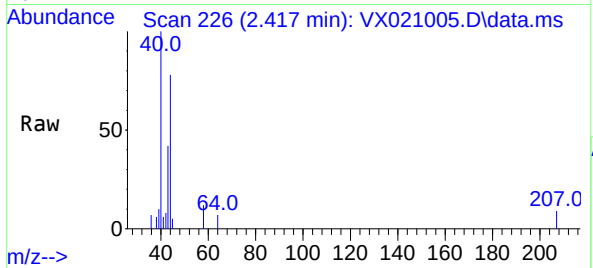




#16
Acetone
Concen: 0.76 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

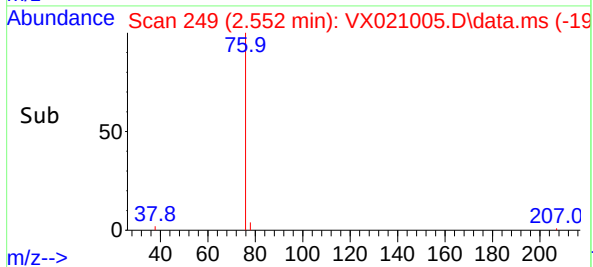
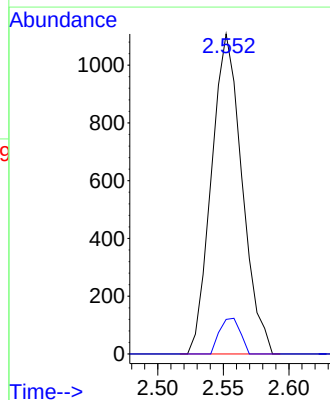
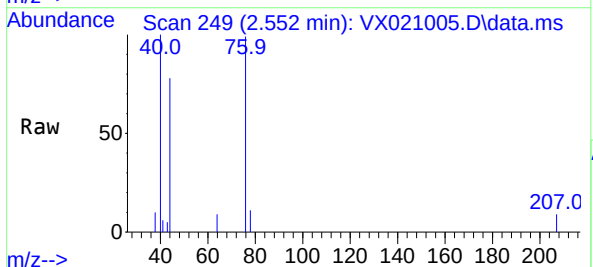
Instrument :
MSVOA_X
ClientSampled :

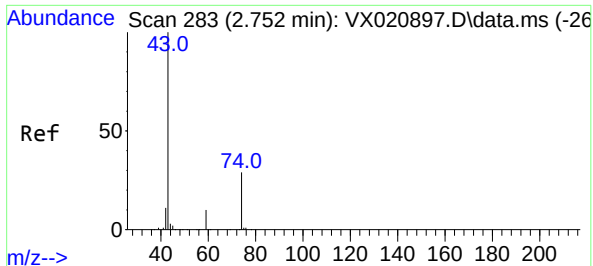
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion: 76 Resp: 1801
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8#





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021005.D

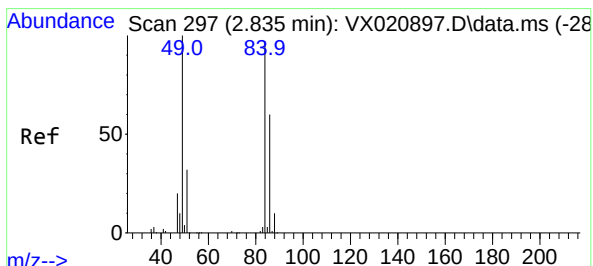
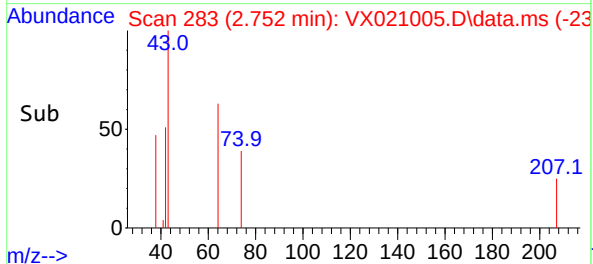
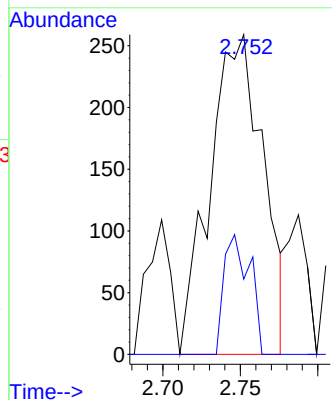
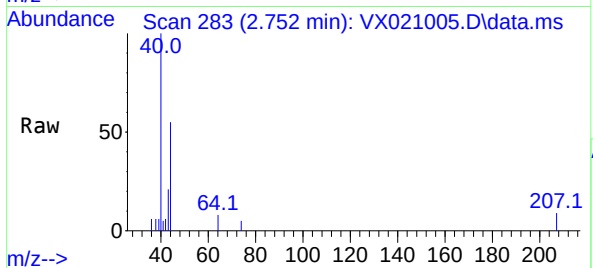
Acq: 04 Mar 2021 11:26

Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

74 18.1 21.9 32.9#



#20

Methylene Chloride

Concen: 0.30 ug/l

RT: 2.835 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021005.D

Acq: 04 Mar 2021 11:26

Tgt Ion: 84 Resp: 856

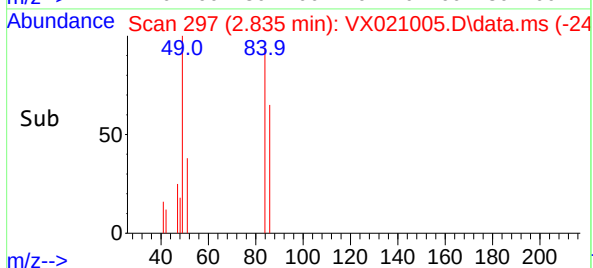
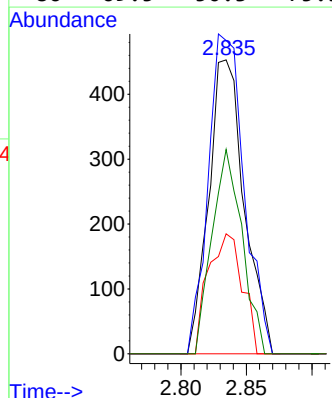
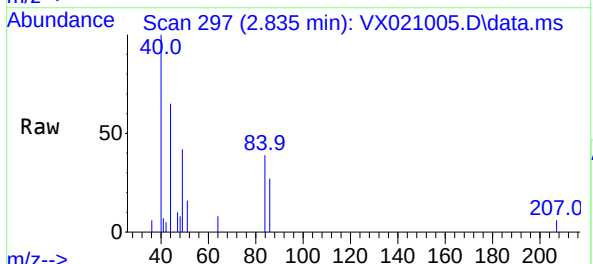
Ion Ratio Lower Upper

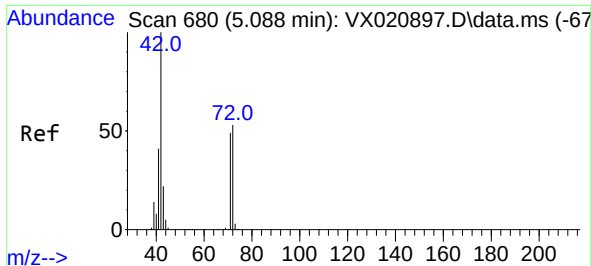
84 100

49 106.6 88.6 132.8

51 40.8 27.0 40.6#

86 69.5 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 5.105 min Scan# 683

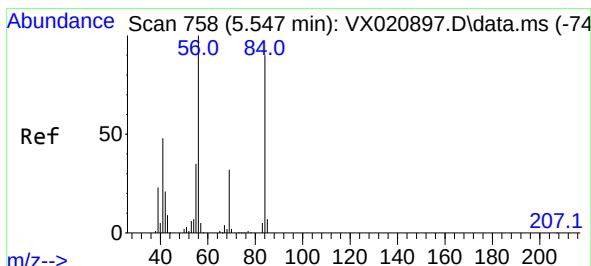
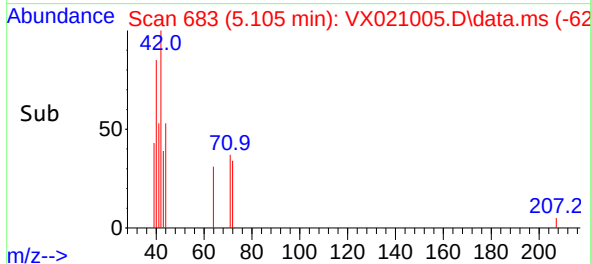
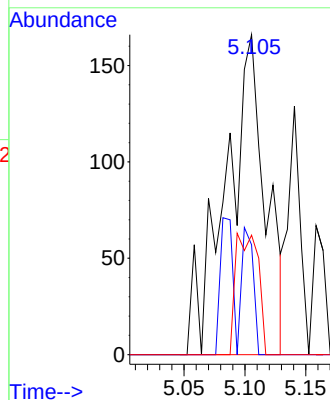
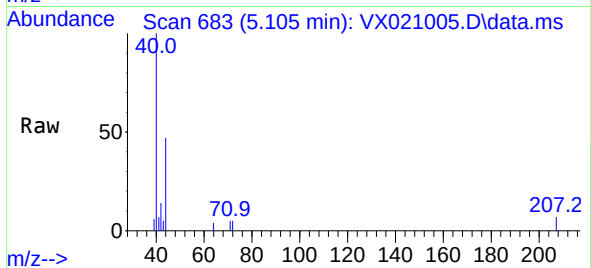
Delta R.T. 0.018 min

Lab File: VX021005.D

Acq: 04 Mar 2021 11:26

Tgt Ion:	42	Resp:	380
Ion	Ratio	Lower	Upper
42	100		
72	11.3	41.7	62.5#
71	21.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.08 ug/l

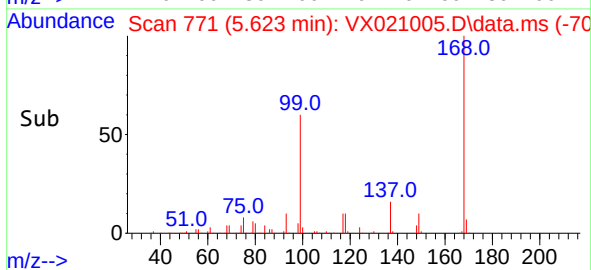
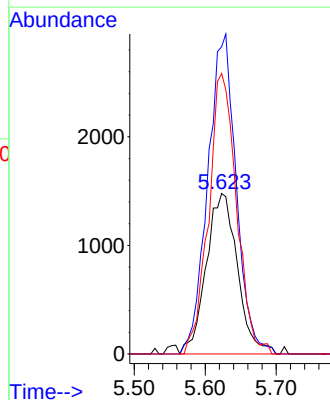
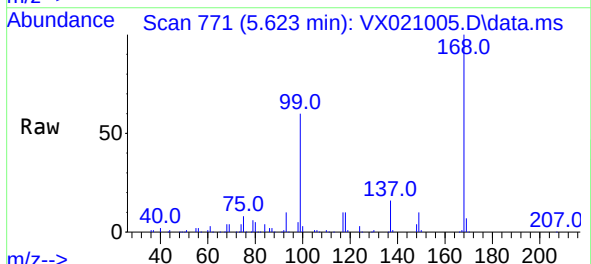
RT: 5.623 min Scan# 771

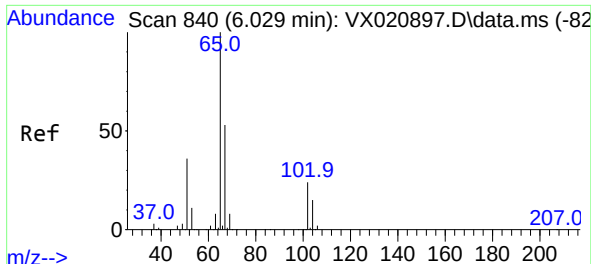
Delta R.T. 0.076 min

Lab File: VX021005.D

Acq: 04 Mar 2021 11:26

Tgt Ion:	56	Resp:	4516
Ion	Ratio	Lower	Upper
56	100		
69	191.4	25.3	37.9#
84	174.8	71.4	107.0#



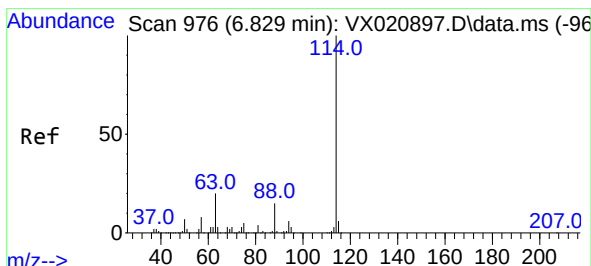
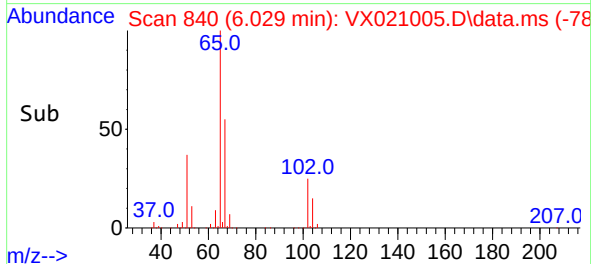
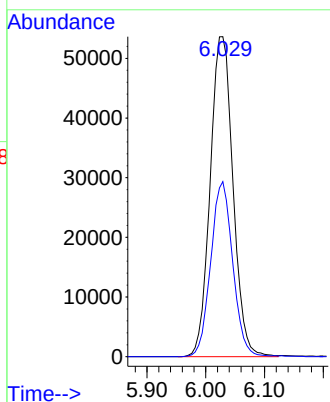
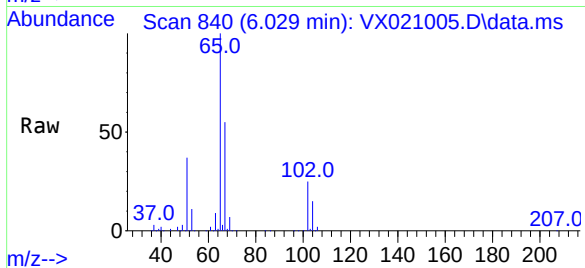


#33

1,2-Dichloroethane-d4
Concen: 49.96 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

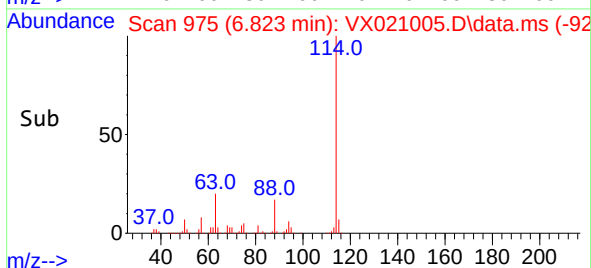
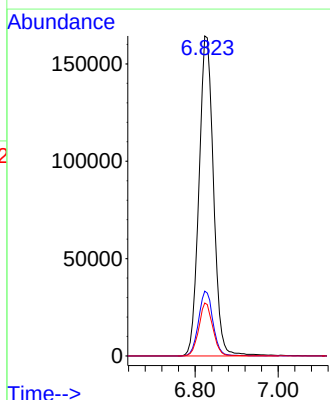
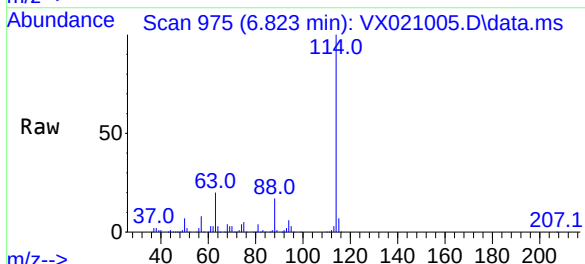
Tgt Ion: 65 Resp: 144713
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

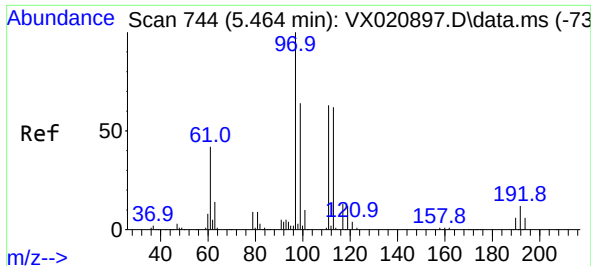


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.006 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion:114 Resp: 399541
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.5 0.0 32.8

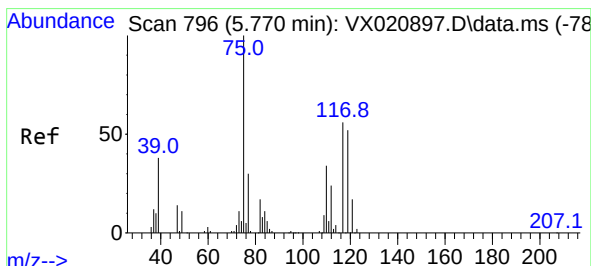
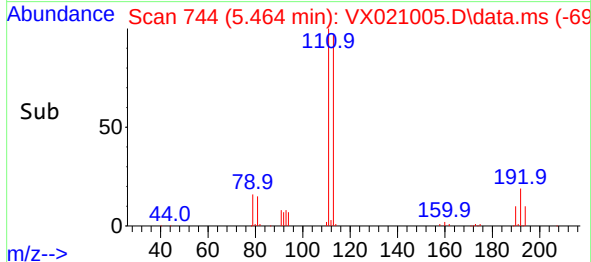
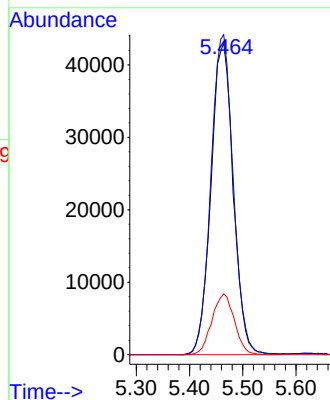
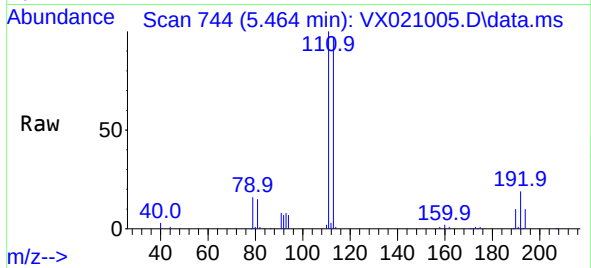




#35
Dibromofluoromethane
Concen: 51.40 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

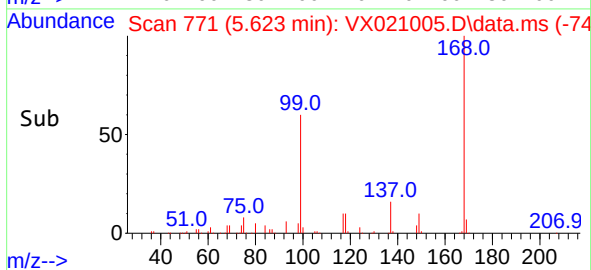
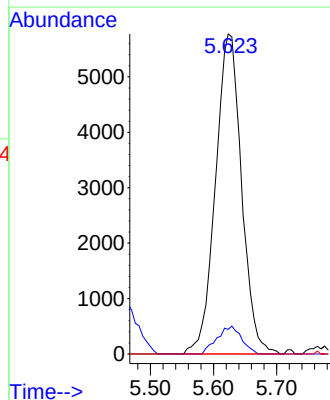
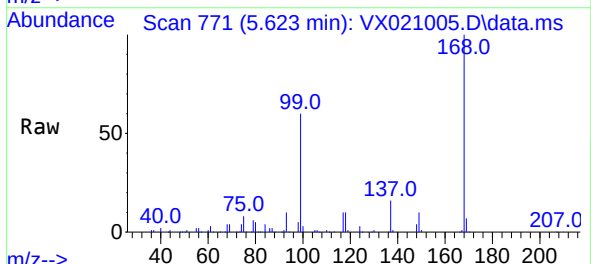
Instrument :
MSVOA_X
ClientSampled :

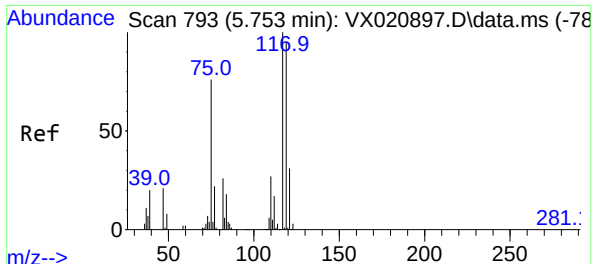
Tgt Ion:113 Resp: 124784
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

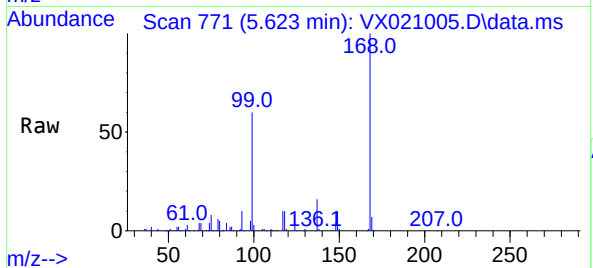
Tgt Ion: 75 Resp: 16581
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



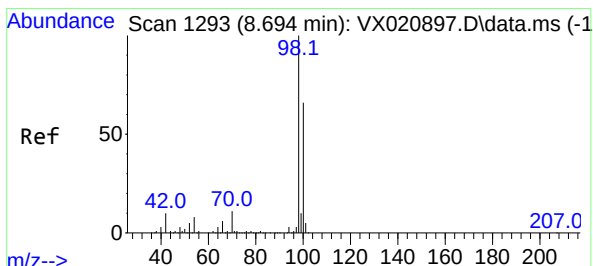
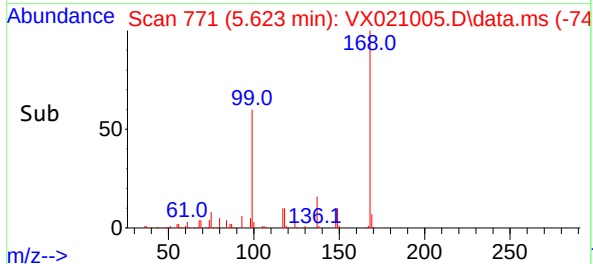
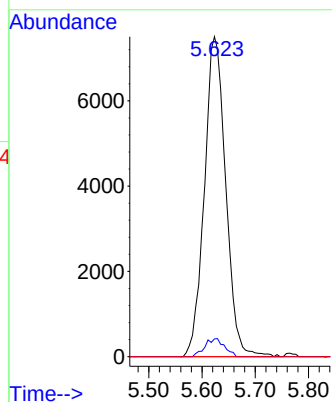


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

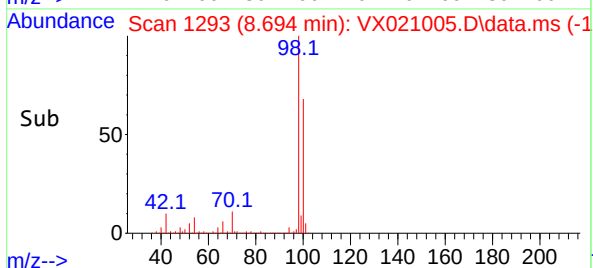
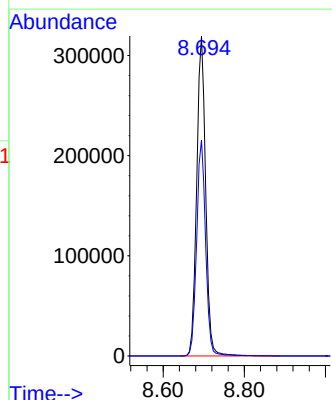
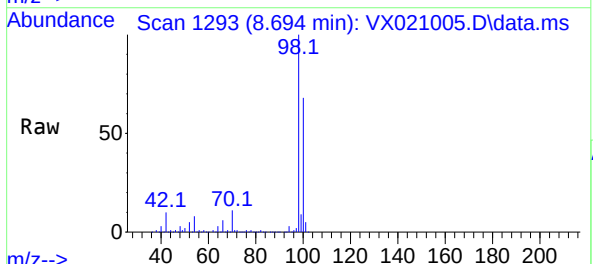


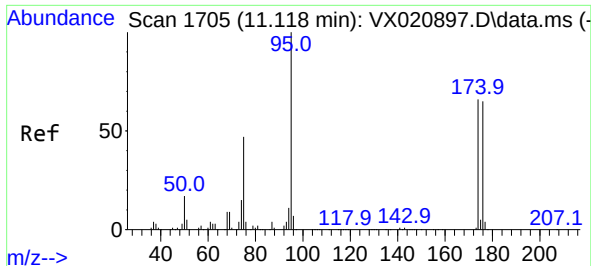
Tgt Ion:117 Resp: 20869
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.14 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion: 98 Resp: 493545
Ion Ratio Lower Upper
98 100
100 67.6 51.9 77.9

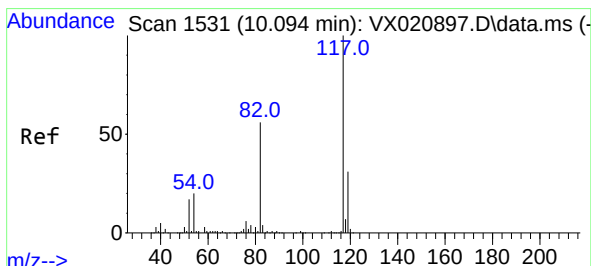
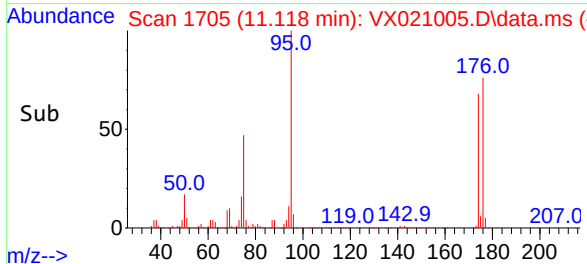
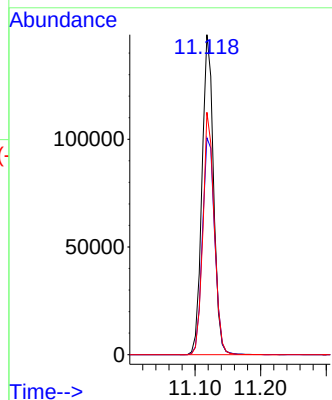
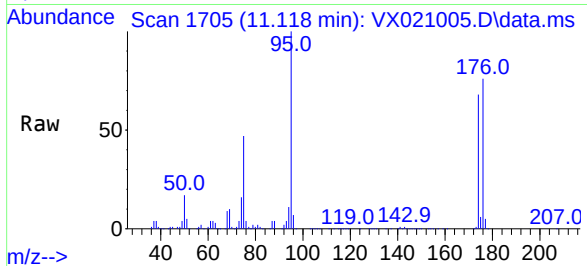




#62
4-Bromofluorobenzene
Concen: 52.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

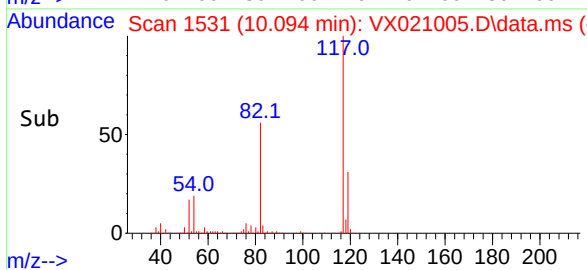
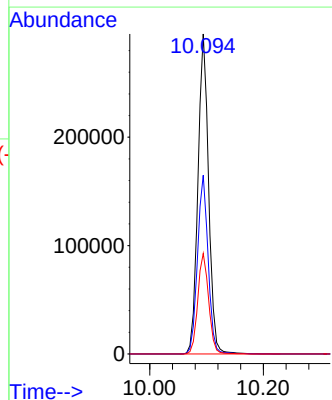
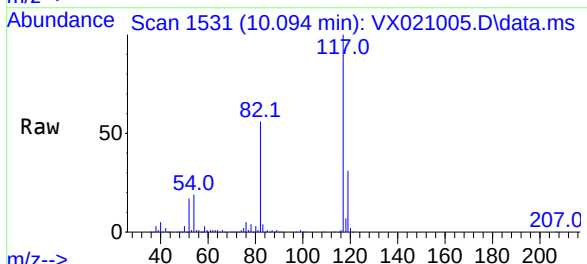
Instrument :
MSVOA_X
ClientSampled :

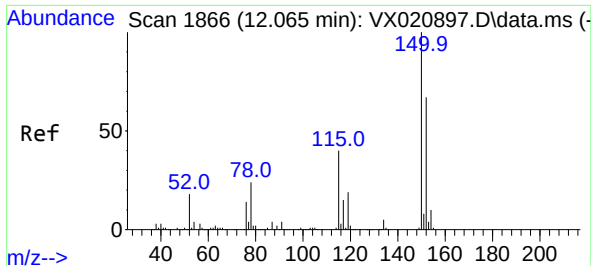
Tgt Ion: 95 Resp: 182023
Ion Ratio Lower Upper
95 100
174 72.0 0.0 154.6
176 74.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion:117 Resp: 386276
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.4 26.6 39.8

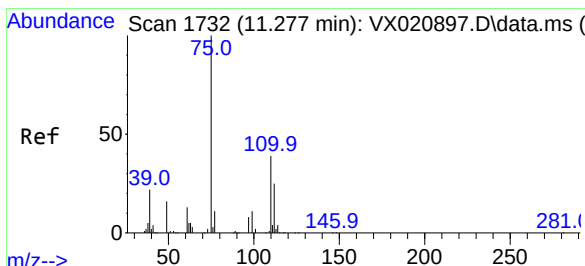
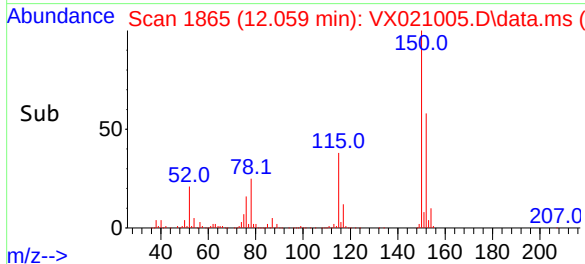
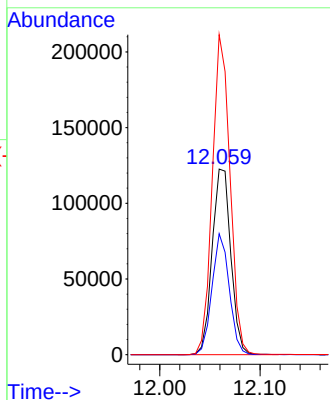
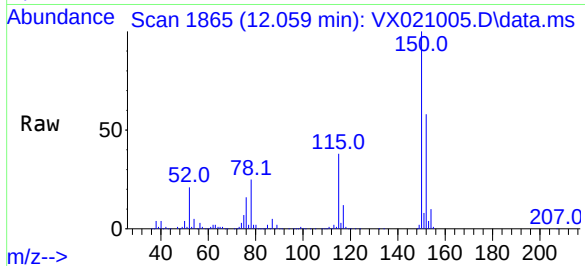




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

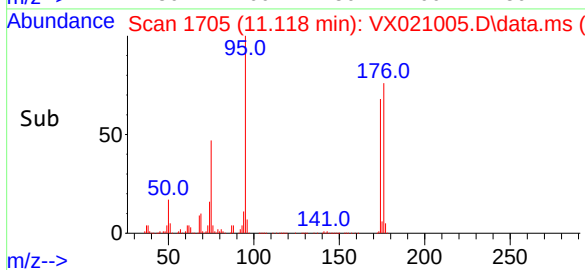
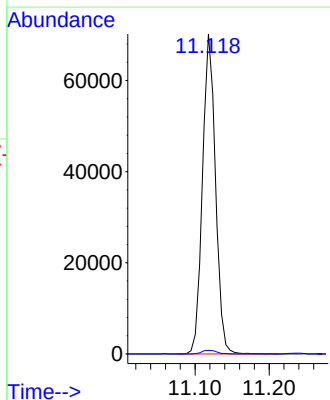
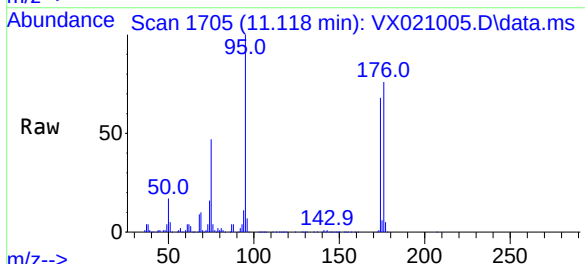
Instrument :
MSVOA_X
ClientSampleId :

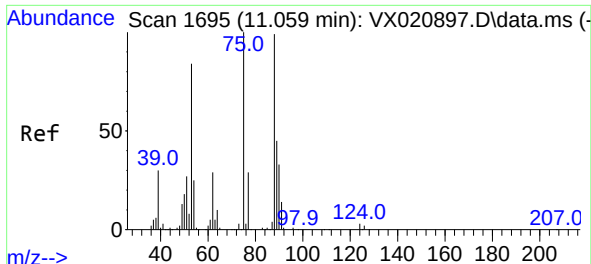
Tgt Ion:152 Resp: 158746
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 163.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion: 75 Resp: 85620
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

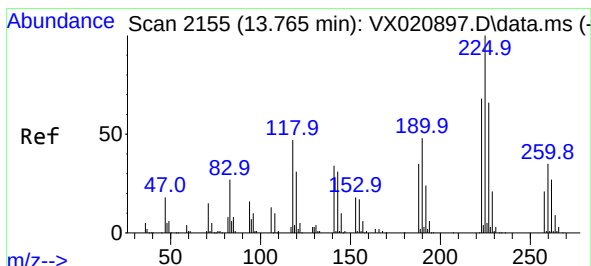
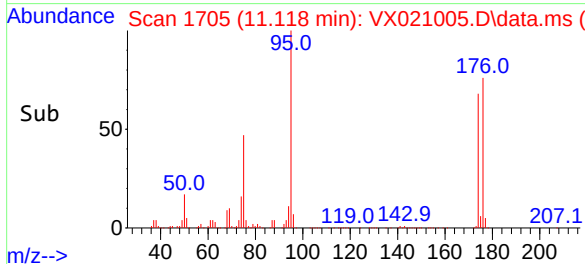
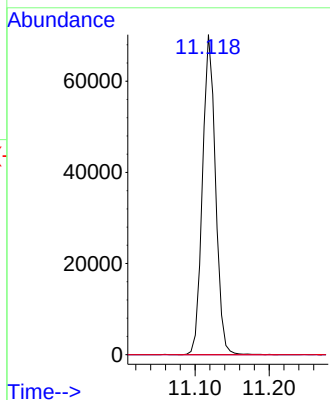
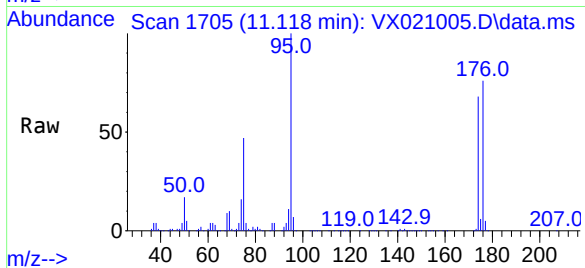




#81
trans-1,4-Dichloro-2-butene
Concen: 55.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 85620
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.23 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021005.D
Acq: 04 Mar 2021 11:26

Tgt Ion: 225 Resp: 297
Ion Ratio Lower Upper
225 100
223 52.2 31.1 93.2
227 62.0 31.6 95.0

