

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021027.D
 Acq On : 05 Mar 2021 12:34
 Operator : JC/MD
 Sample : M1574-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030421

Quant Time: Mar 05 23:56:52 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	230366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	431327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	416937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	175504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	152912	49.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.28%
35) Dibromofluoromethane	5.464	113	135503	51.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.42%
50) Toluene-d8	8.694	98	532416	52.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.20%
62) 4-Bromofluorobenzene	11.118	95	192934	51.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.12%

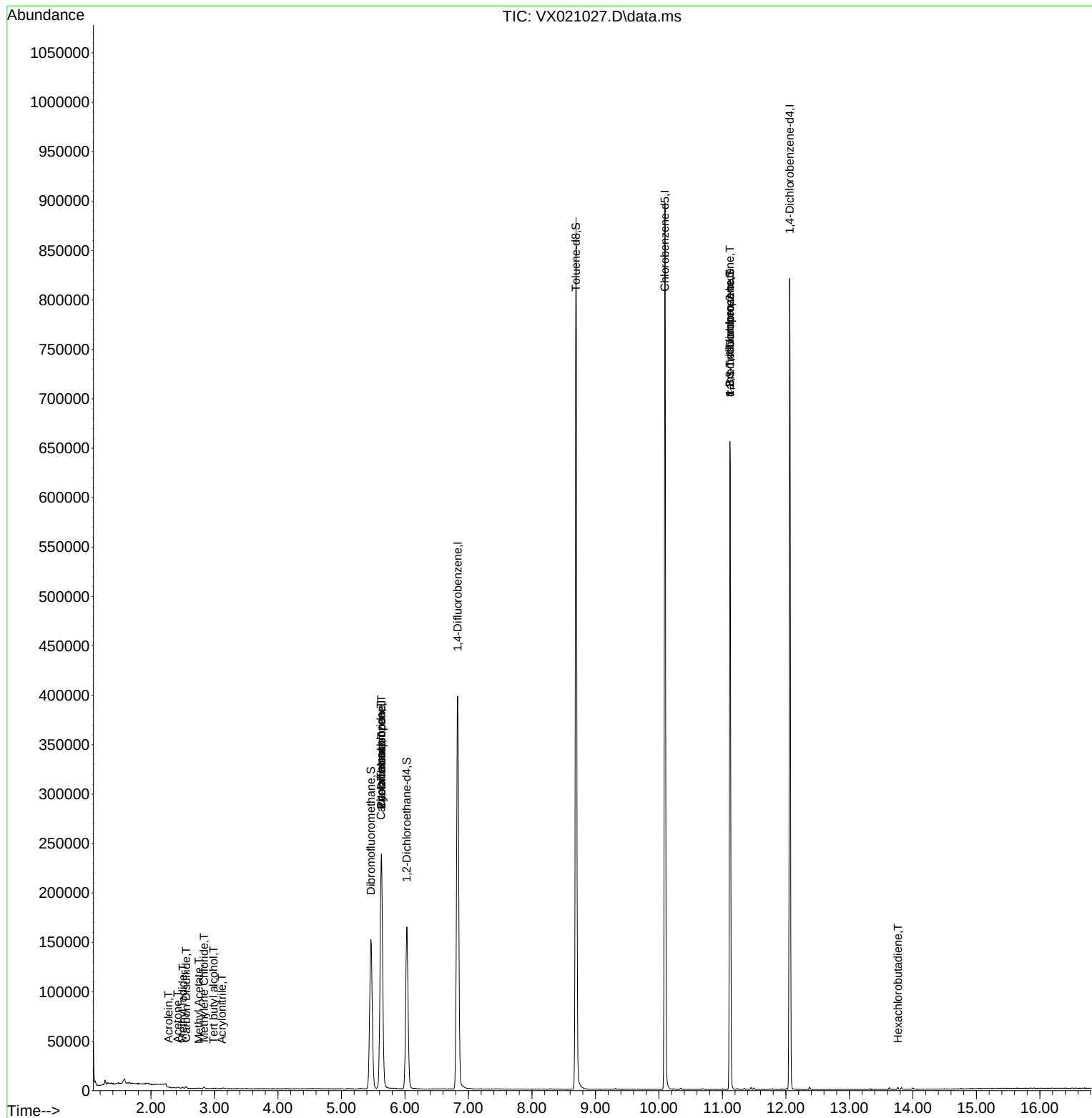
Target Compounds					Qvalue
5) Bromomethane	1.640	94	585	Below Cal	# 73
10) Methyl Iodide	2.499	142	1208	0.36 ug/l	# 94
11) Tert butyl alcohol	2.987	59	224	0.32 ug/l	# 73
13) Acrolein	2.276	56	251	0.58 ug/l	# 78
15) Acrylonitrile	3.117	53	408	0.28 ug/l	# 97
16) Acetone	2.417	43	1259	0.98 ug/l	# 72
17) Carbon Disulfide	2.552	76	1651	0.22 ug/l	# 91
18) Methyl Acetate	2.752	43	723	0.24 ug/l	# 59
20) Methylene Chloride	2.834	84	738	0.24 ug/l	# 92
31) Cyclohexane	5.629	56	4586	1.02 ug/l	# 1
36) 1,1-Dichloropropene	5.629	75	18245	4.45 ug/l	# 48
38) Carbon Tetrachloride	5.623	117	22063	5.55 ug/l	# 15
76) 1,2,3-Trichloropropane	11.118	75	91411	24.21 ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	91411	53.60 ug/l	# 12
94) Hexachlorobutadiene	13.765	225	366	0.25 ug/l	# 90

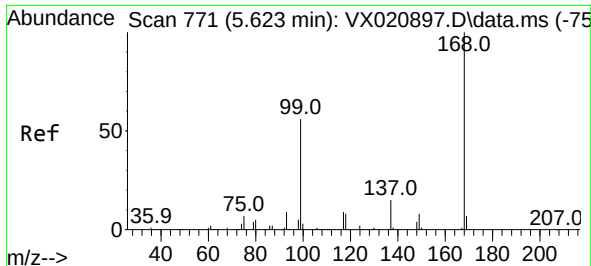
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
Data File : VX021027.D
Acq On : 05 Mar 2021 12:34
Operator : JC/MD
Sample : M1574-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

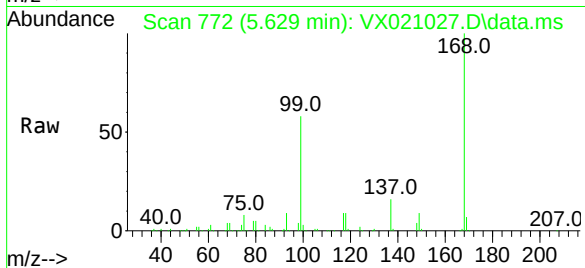
Quant Time: Mar 05 23:56:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration



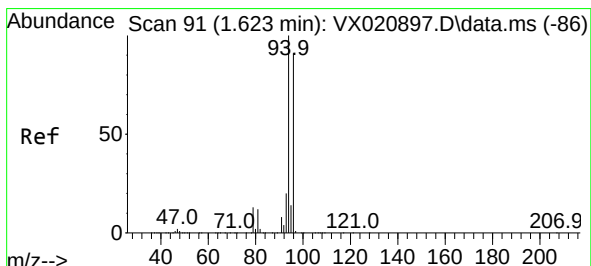
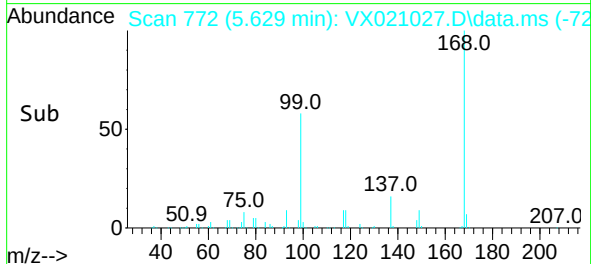
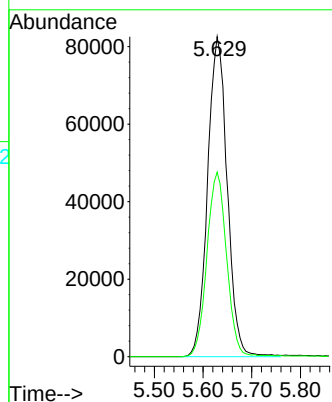


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

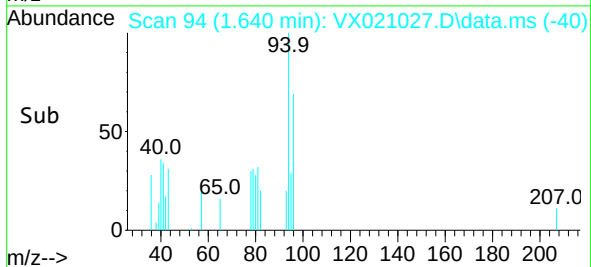
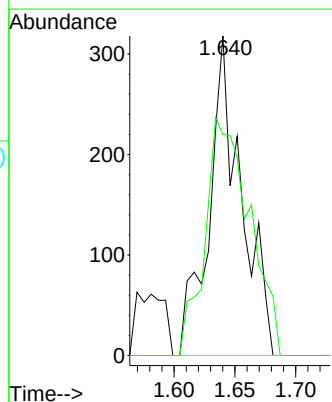
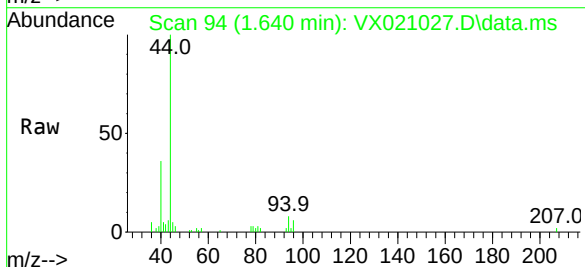


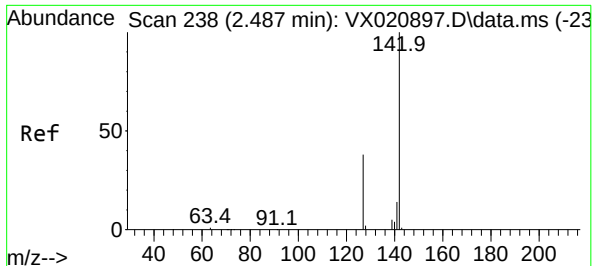
Tgt Ion:168 Resp: 230366
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 69.2 76.4 114.6#

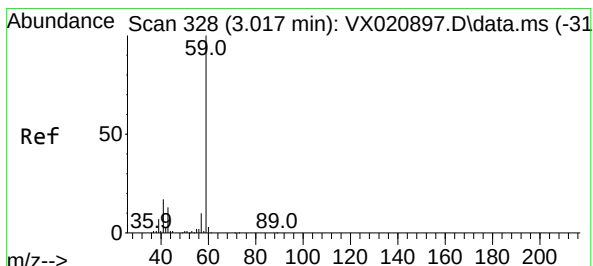
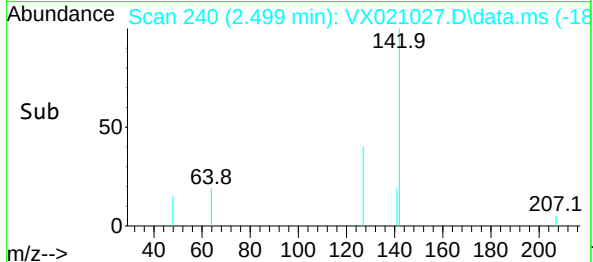
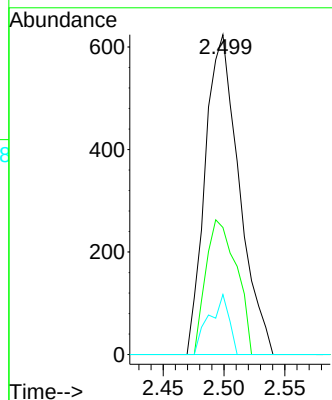
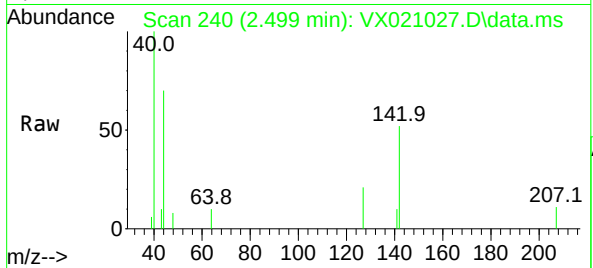




#10
Methyl Iodide
Concen: 0.36 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

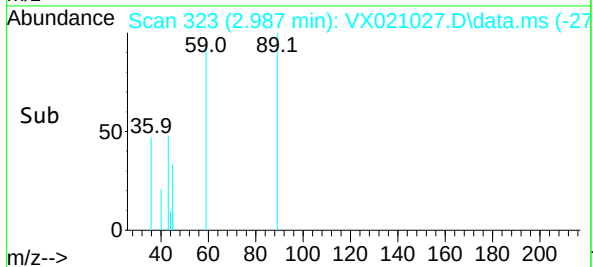
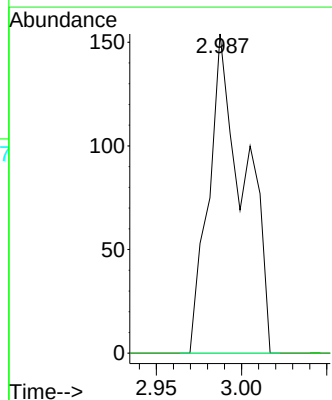
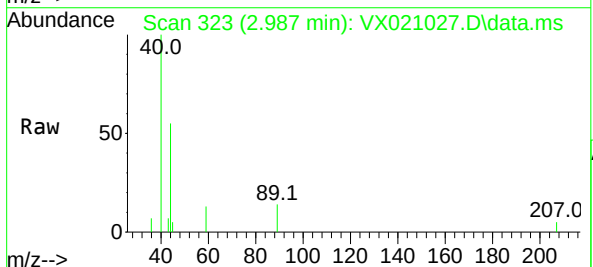
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

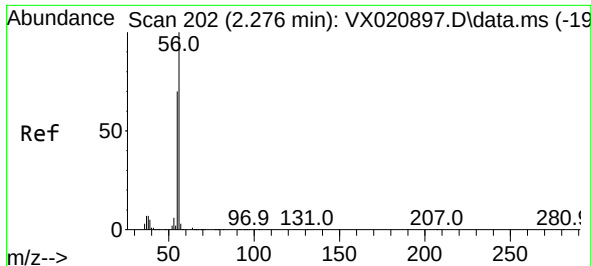
Tgt Ion:142 Resp: 1208
Ion Ratio Lower Upper
142 100
127 38.2 33.3 49.9
141 11.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

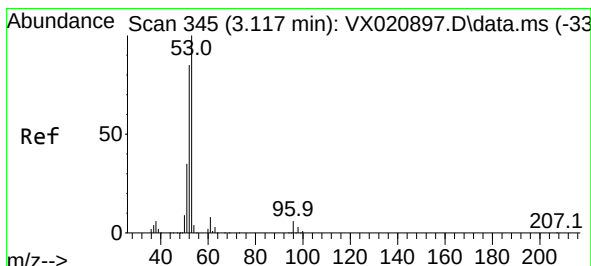
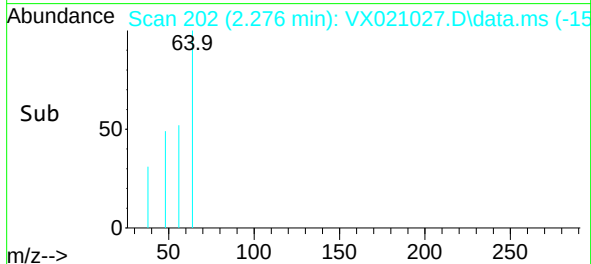
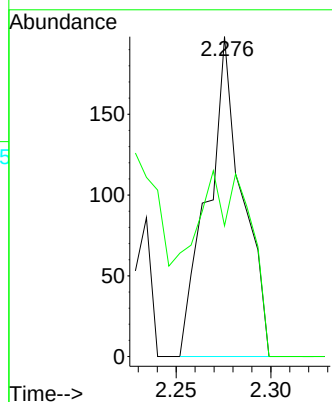
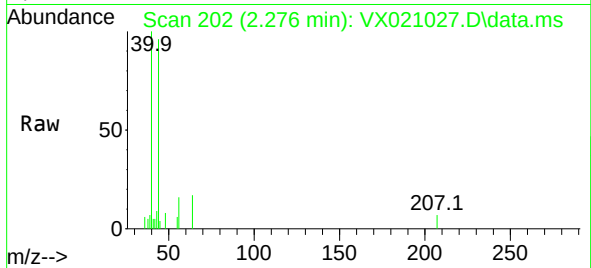




#13
Acrolein
Concen: 0.58 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

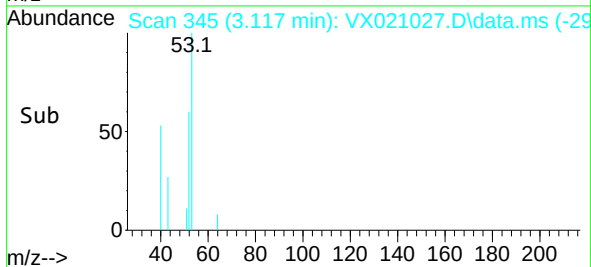
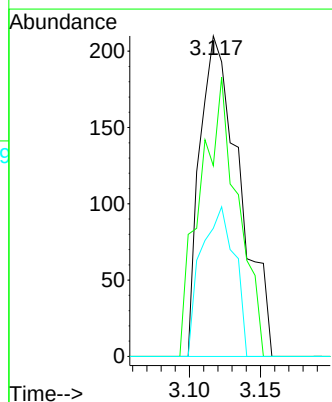
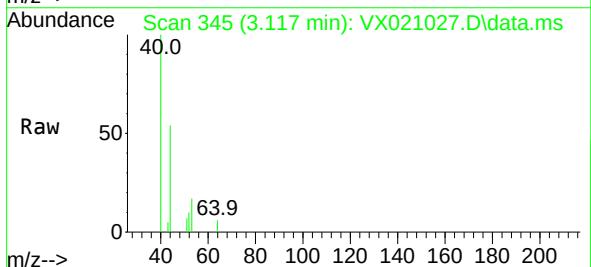
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

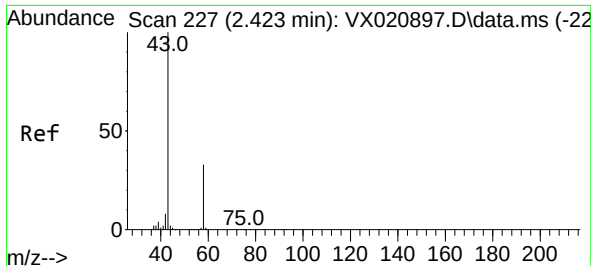
Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 88.4 56.4 84.6#



#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.117 min Scan# 345
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion: 53 Resp: 408
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 39.5 28.2 42.2

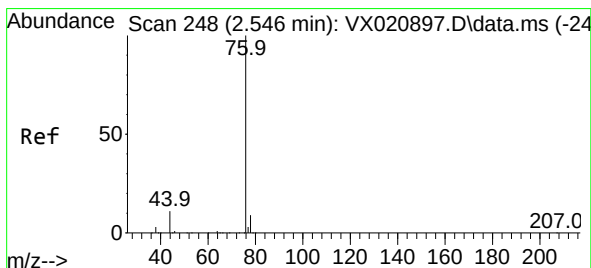
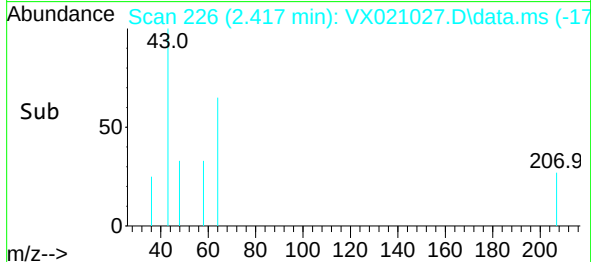
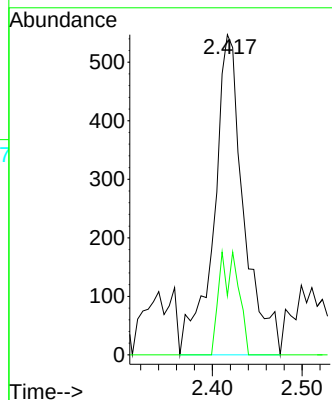
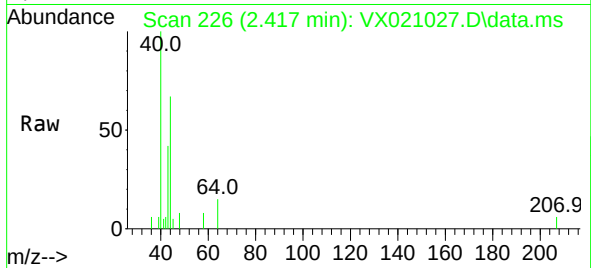




#16
Acetone
Concen: 0.98 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

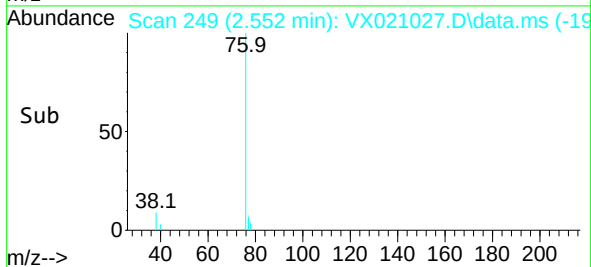
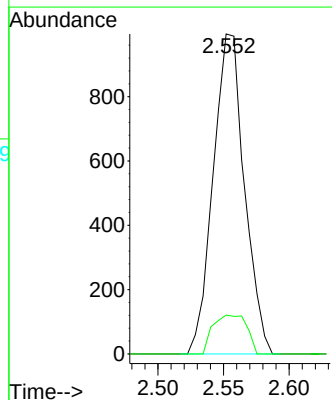
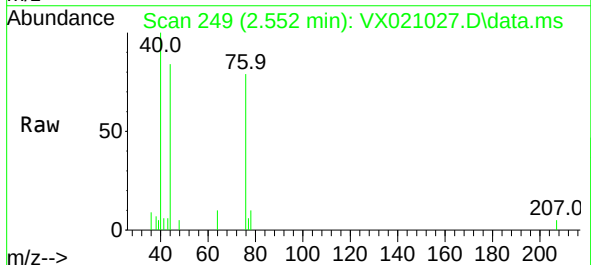
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

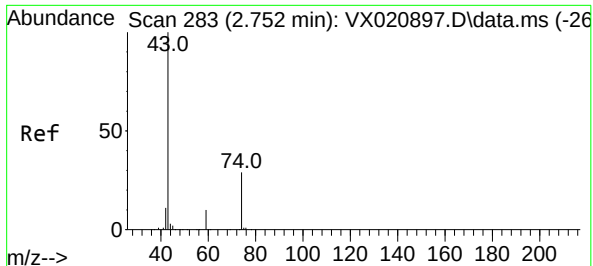
Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 18.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion: 76 Resp: 1651
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#





#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

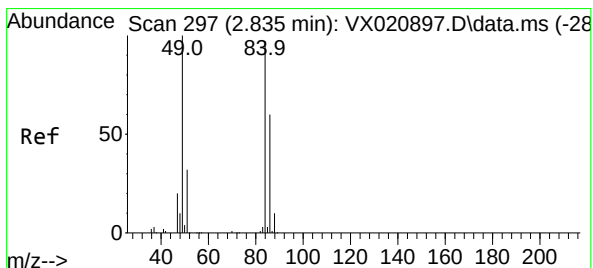
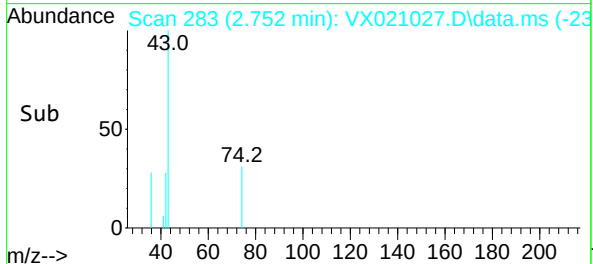
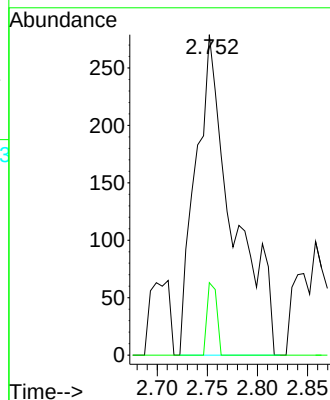
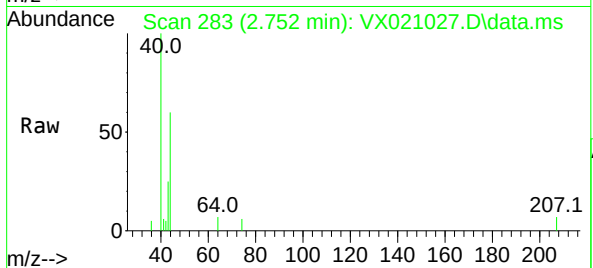
Lab File: VX021027.D

Acq: 05 Mar 2021 12:34

Tgt Ion: 43 Resp: 723

Ion Ratio Lower Upper

43 100
74 5.8 21.9 32.9#



#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

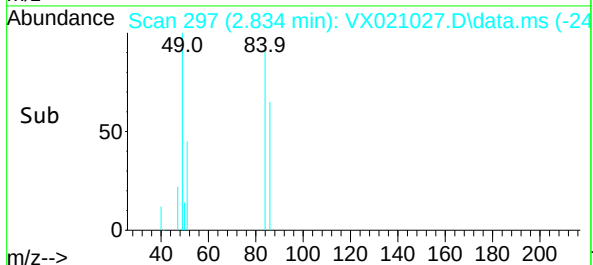
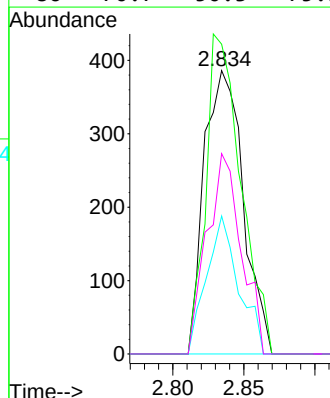
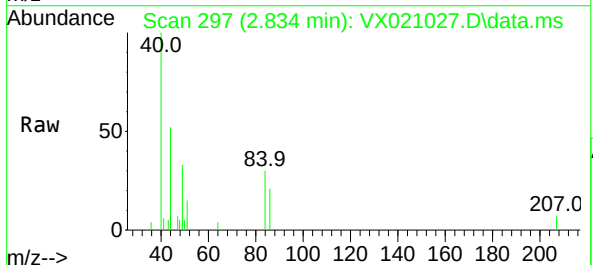
Lab File: VX021027.D

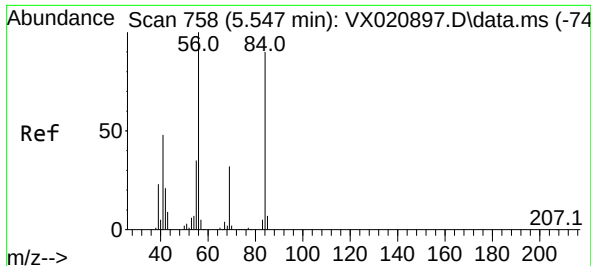
Acq: 05 Mar 2021 12:34

Tgt Ion: 84 Resp: 738

Ion Ratio Lower Upper

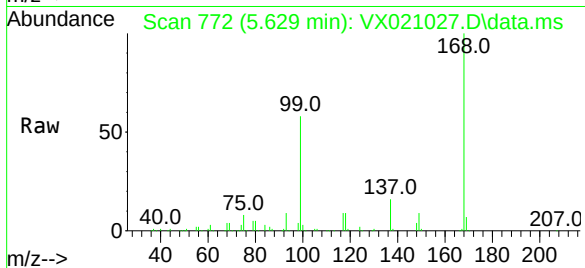
84 100
49 109.3 88.6 132.8
51 48.7 27.0 40.6#
86 70.7 50.3 75.5



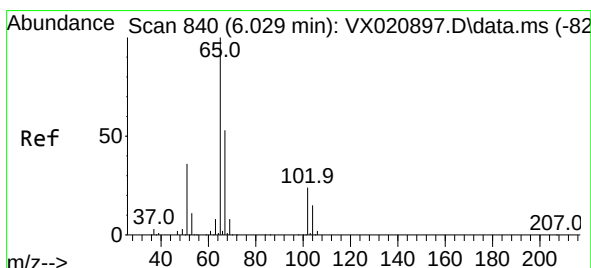
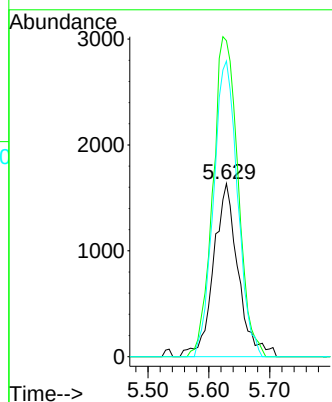
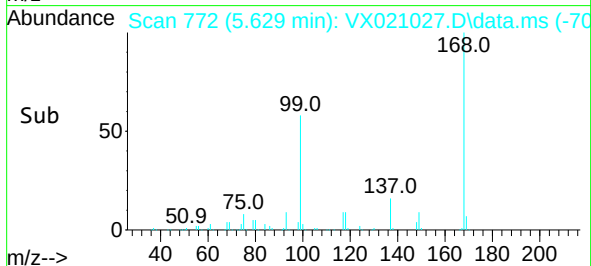


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

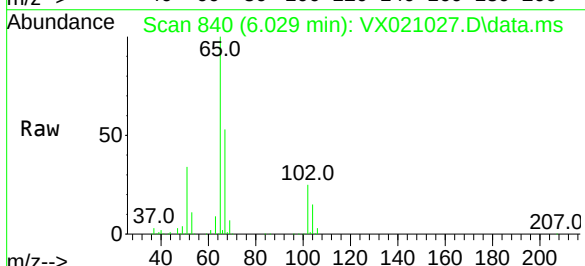
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421



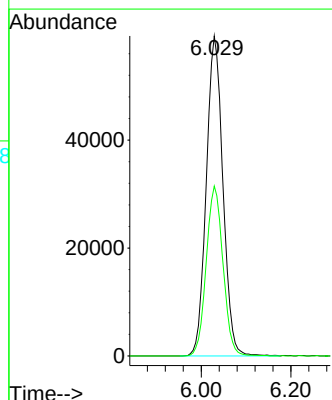
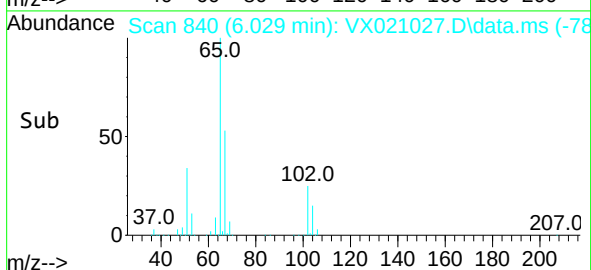
Tgt Ion: 56 Resp: 4586
Ion Ratio Lower Upper
56 100
69 182.5 25.3 37.9#
84 170.7 71.4 107.0#

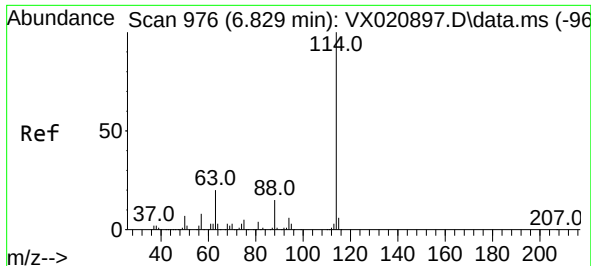


#33
1,2-Dichloroethane-d4
Concen: 49.14 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34



Tgt Ion: 65 Resp: 152912
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

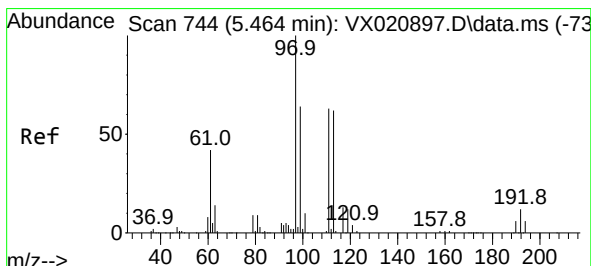
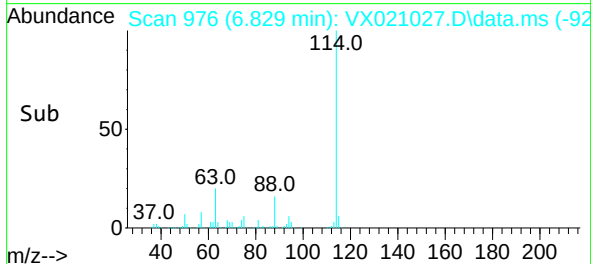
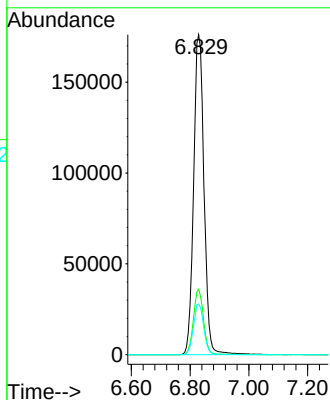
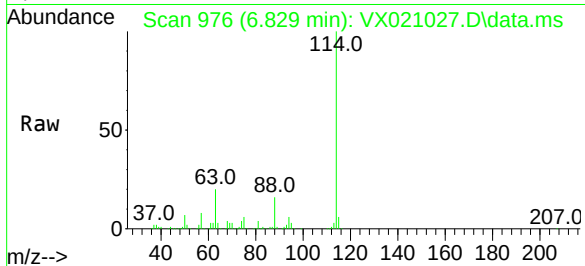




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

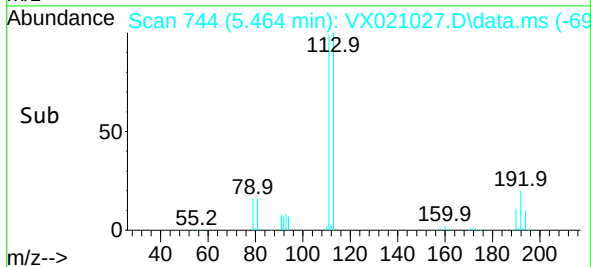
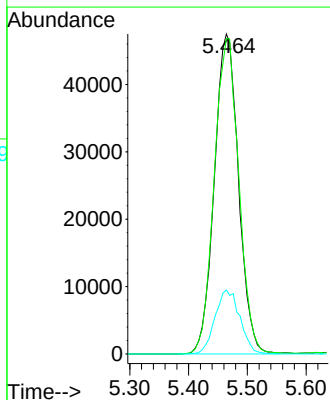
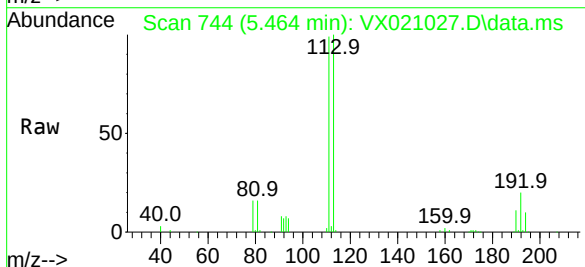
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

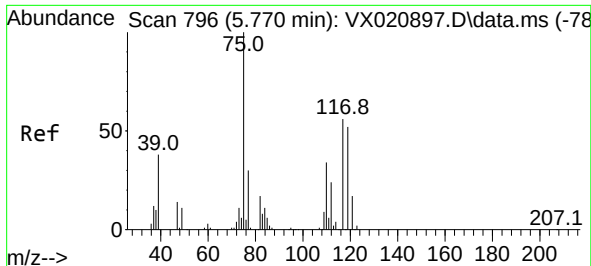
Tgt Ion:114 Resp: 431327
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.71 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion:113 Resp: 135503
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 20.5 16.7 25.1

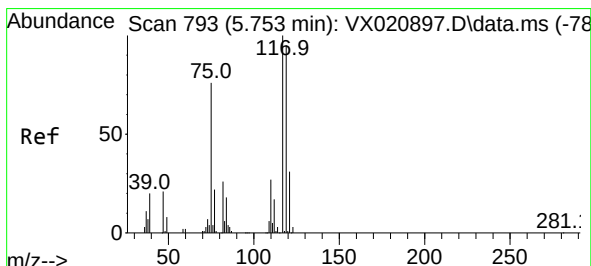
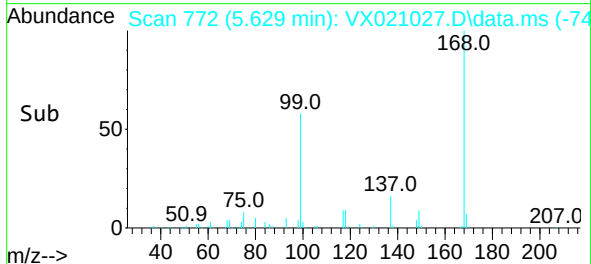
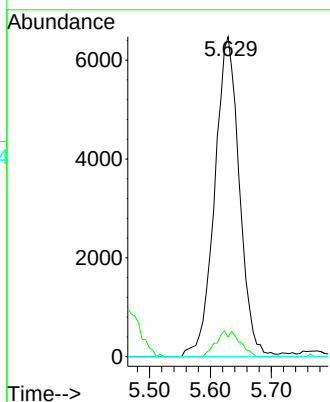
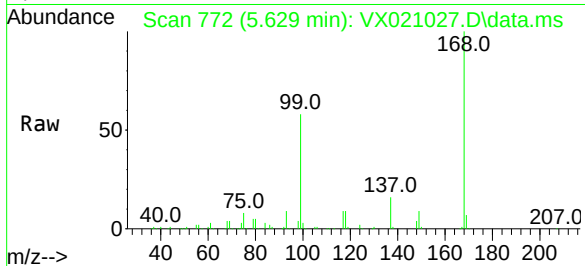




#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

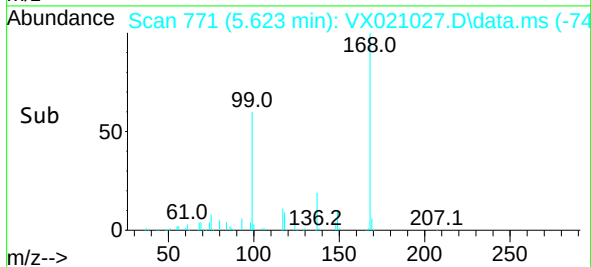
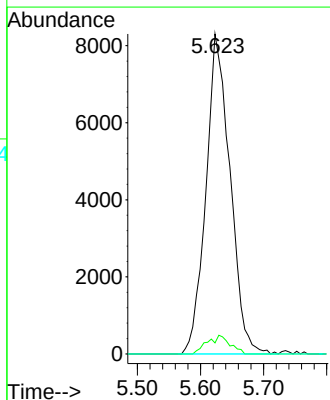
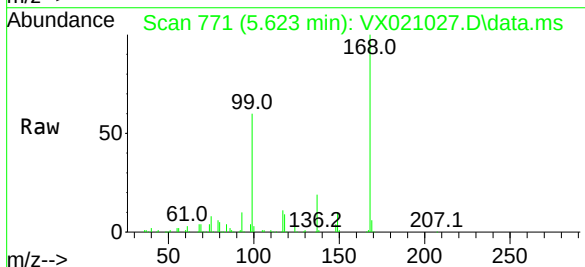
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

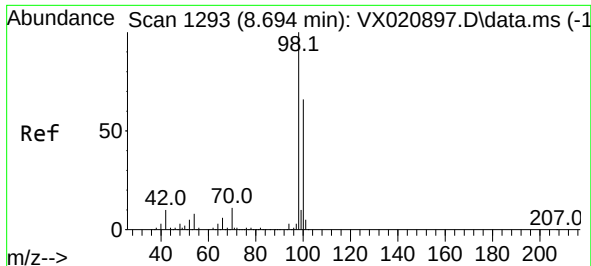
Tgt Ion: 75 Resp: 18245
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion: 117 Resp: 22063
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

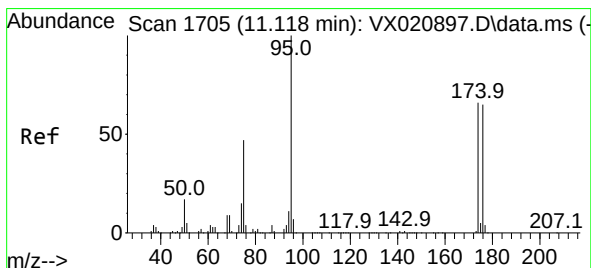
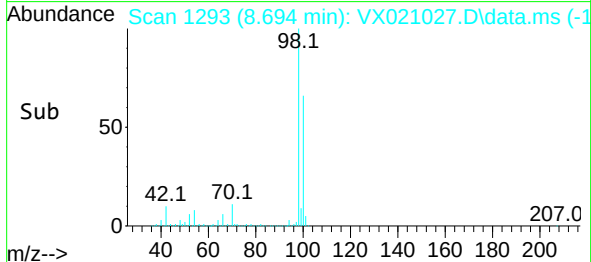
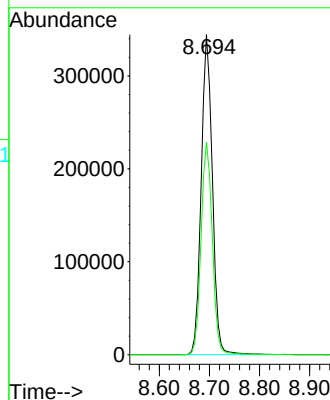
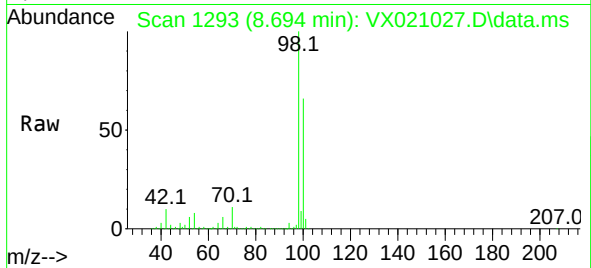




#50
Toluene-d8
Concen: 52.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

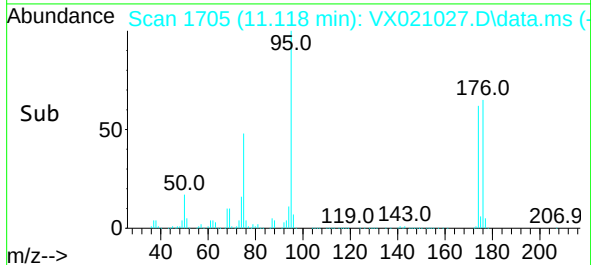
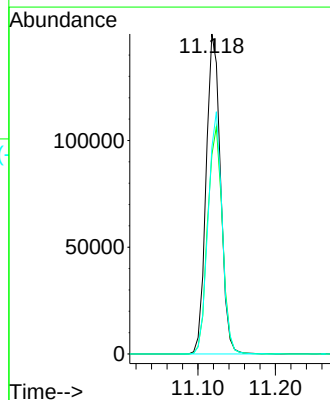
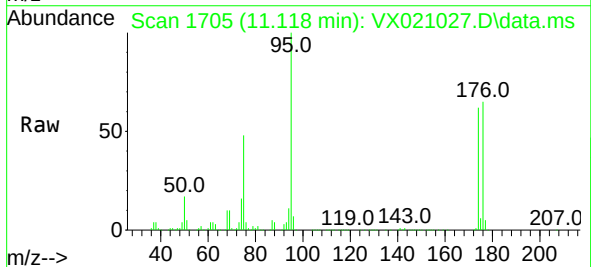
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

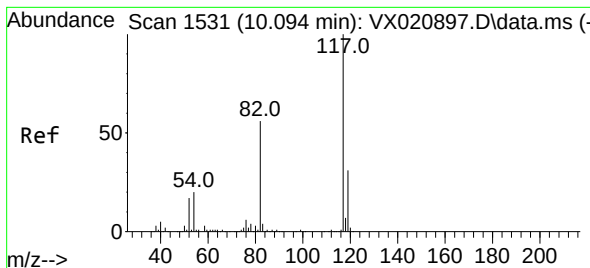
Tgt Ion: 98 Resp: 532416
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.06 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion: 95 Resp: 192934
Ion Ratio Lower Upper
95 100
174 72.6 0.0 154.6
176 74.1 0.0 155.8

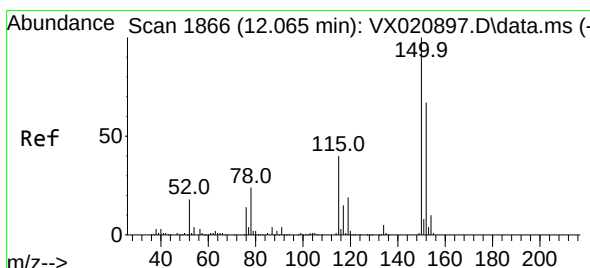
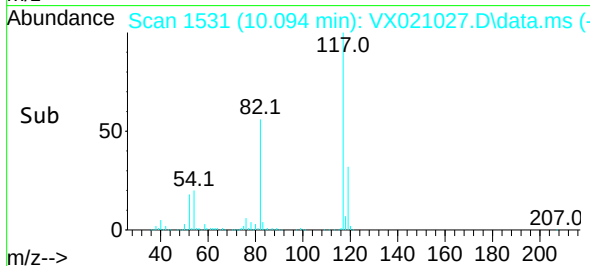
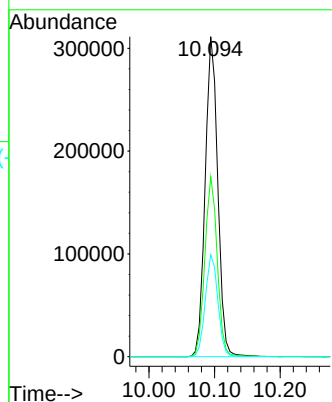
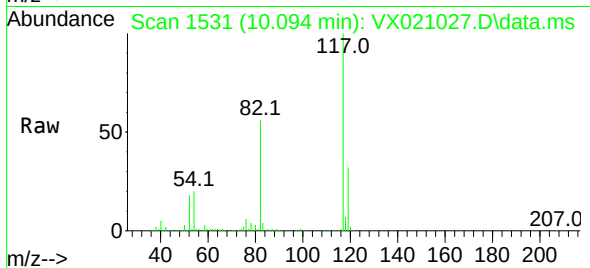




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

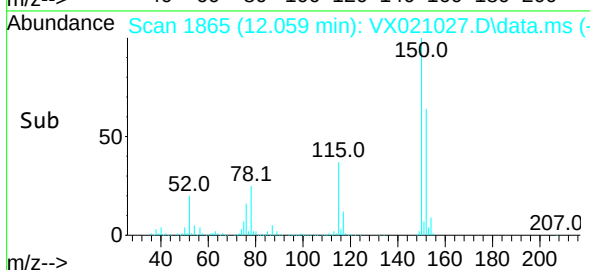
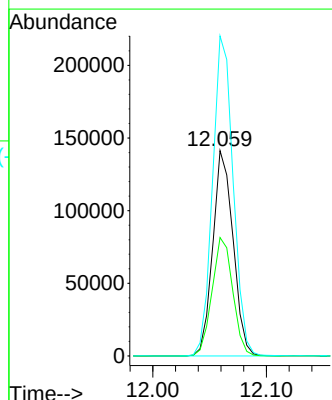
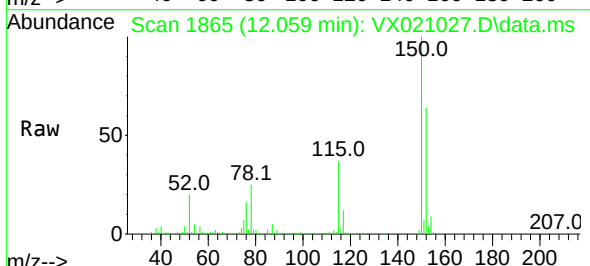
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

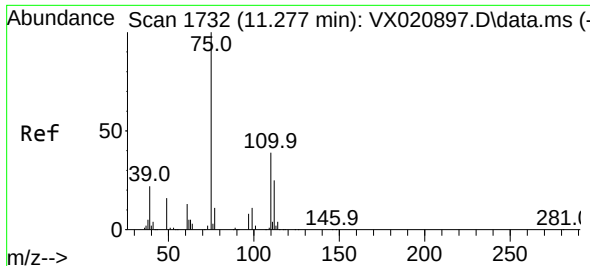
Tgt Ion:117 Resp: 416937
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion:152 Resp: 175504
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 158.3 0.0 349.0

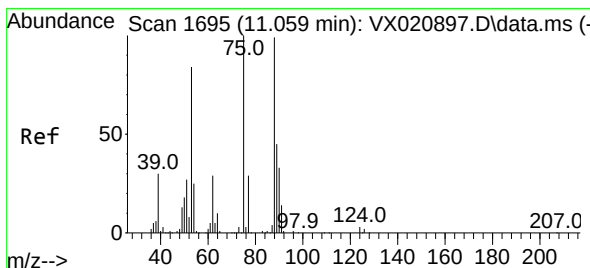
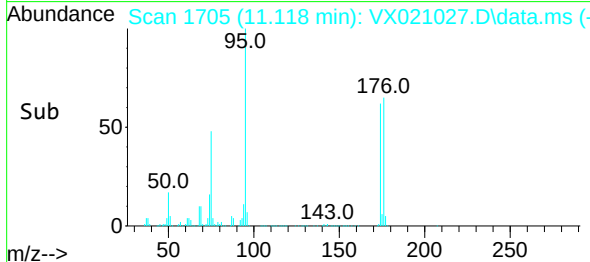
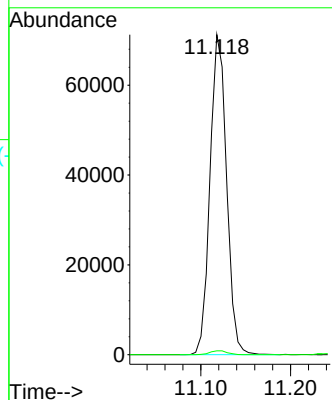
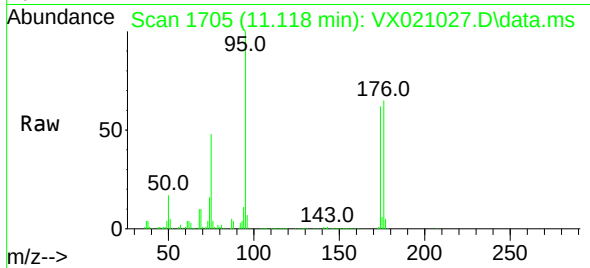




#76
1,2,3-Trichloropropane
Concen: 24.21 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

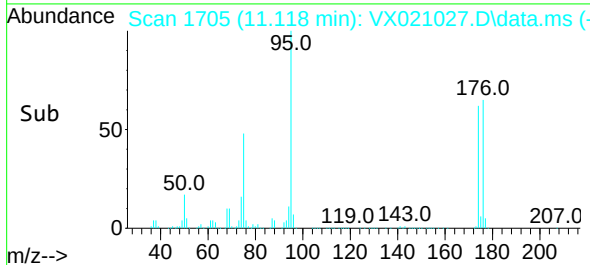
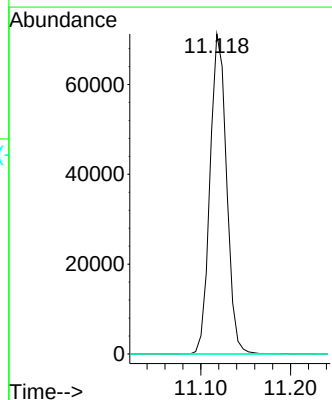
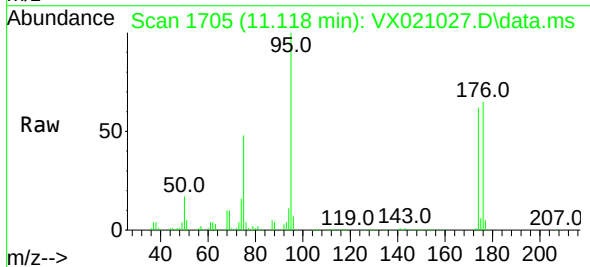
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030421

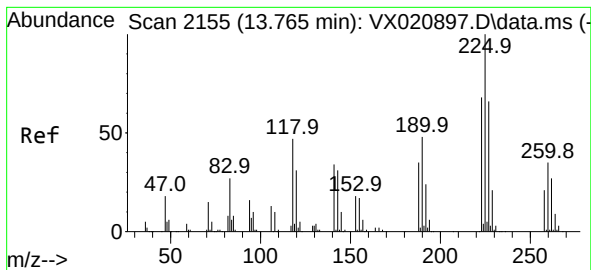
Tgt Ion: 75 Resp: 91411
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021027.D
Acq: 05 Mar 2021 12:34

Tgt Ion: 75 Resp: 91411
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94

Hexachlorobutadiene

Concen: 0.25 ug/l

RT: 13.765 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VX021027.D

Acq: 05 Mar 2021 12:34

Tgt Ion:225 Resp: 366

Ion Ratio Lower Upper

225 100

223 51.4 31.1 93.2

227 59.0 31.6 95.0

