

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021520.D
 Acq On : 26 Mar 2021 05:12
 Operator : JC/MD
 Sample : M1777-07 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 06:36:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

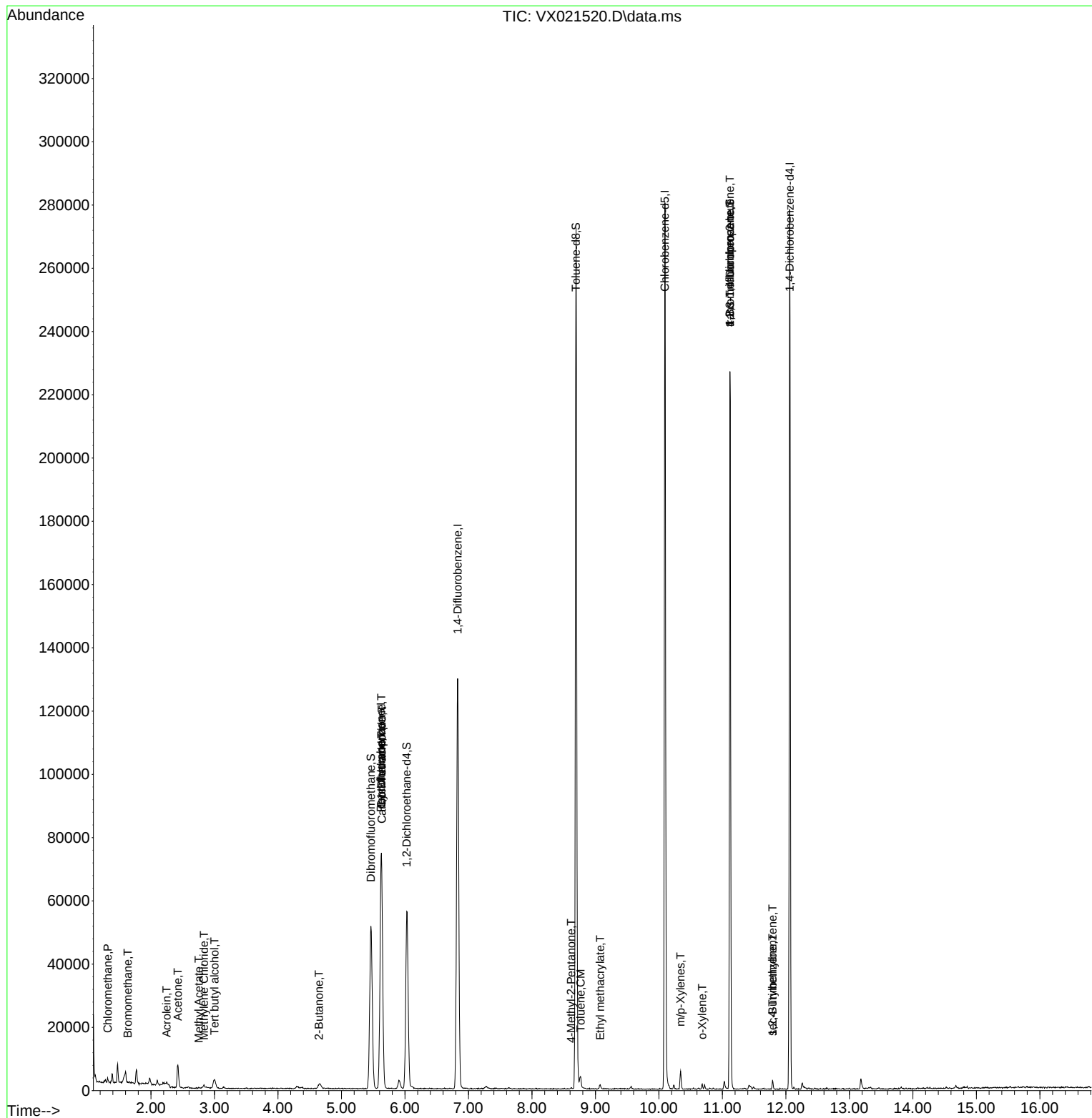
Internal Standards						
1) Pentafluorobenzene	5.623	168	64328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	56064	52.38	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.76%
35) Dibromofluoromethane	5.464	113	42648	49.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.08%
50) Toluene-d8	8.694	98	150960	48.71	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.42%
62) 4-Bromofluorobenzene	11.118	95	58959	48.94	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.88%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	2595	3.23	ug/l	100
5) Bromomethane	1.634	94	64	0.22	ug/l #	2
11) Tert butyl alcohol	2.999	59	2583	14.60	ug/l #	84
13) Acrolein	2.246	56	18	4.50	ug/l #	1
16) Acetone	2.423	43	8144	20.12	ug/l #	87
18) Methyl Acetate	2.752	43	266	0.23	ug/l #	47
20) Methylene Chloride	2.834	84	210	0.27	ug/l #	64
25) 2-Butanone	4.646	43	725	1.18	ug/l #	45
31) Cyclohexane	5.629	56	1925	1.64	ug/l #	22
36) 1,1-Dichloropropene	5.629	75	5895	4.91	ug/l #	50
38) Carbon Tetrachloride	5.635	117	7348	5.70	ug/l #	16
51) 4-Methyl-2-Pentanone	8.617	43	315	0.23	ug/l #	65
52) Toluene	8.765	92	992	0.47	ug/l	91
56) Ethyl methacrylate	9.076	69	192	2.20	ug/l #	1
68) m/p-Xylenes	10.341	106	1147	0.75	ug/l	90
69) o-Xylene	10.682	106	329	0.22	ug/l	91
76) 1,2,3-Trichloropropane	11.118	75	33228	28.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33228	85.97	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.788	105	1242	0.41	ug/l	94
85) sec-Butylbenzene	11.788	105	1242	0.36	ug/l #	57

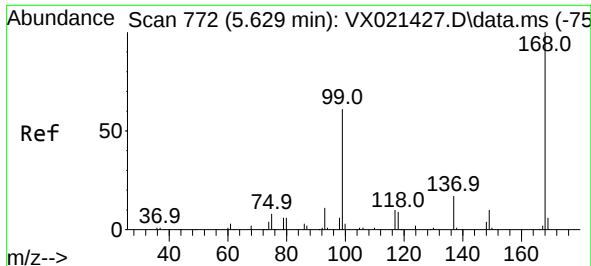
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 26 06:36:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

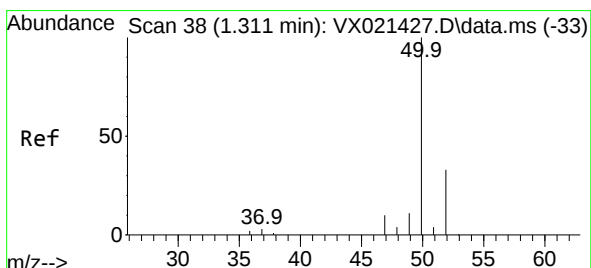
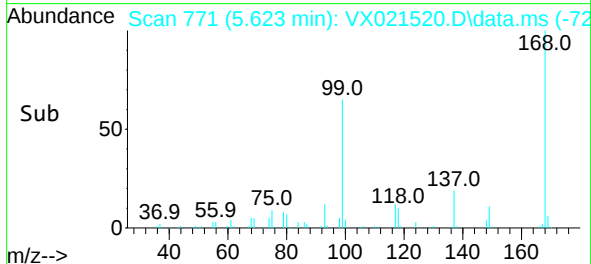
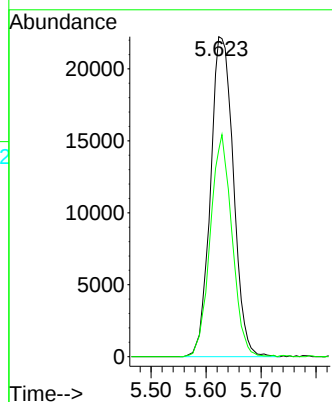
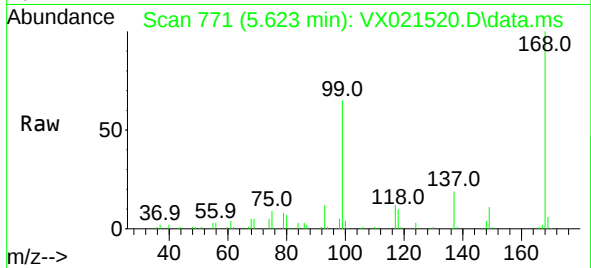




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

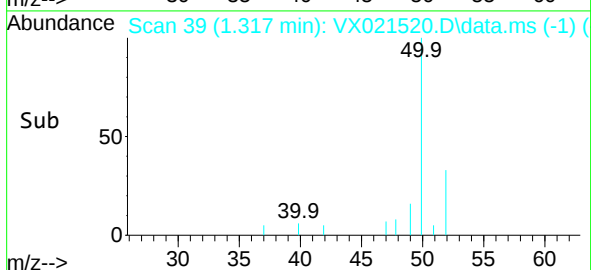
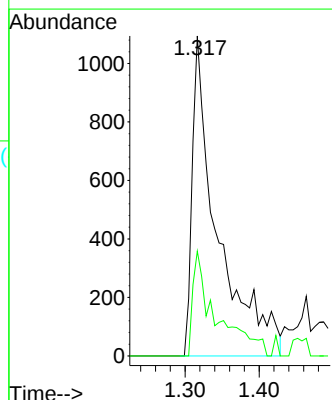
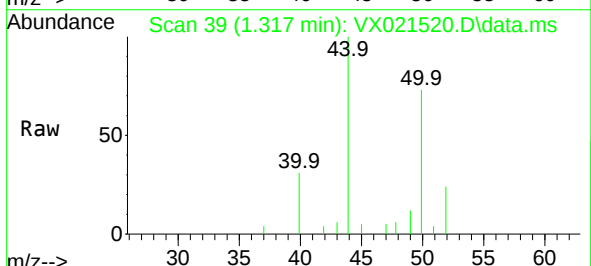
Instrument :
MSVOA_X
ClientSampled :

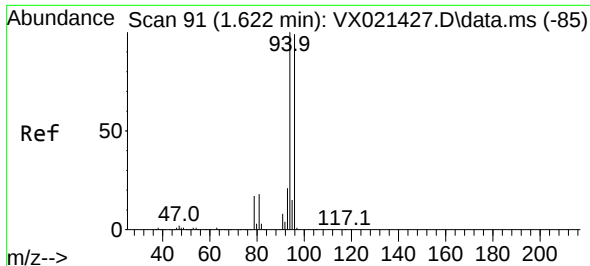
Tgt Ion:168 Resp: 64328
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#3
Chloromethane
Concen: 3.23 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion: 50 Resp: 2595
Ion Ratio Lower Upper
50 100
52 32.7 26.4 39.6

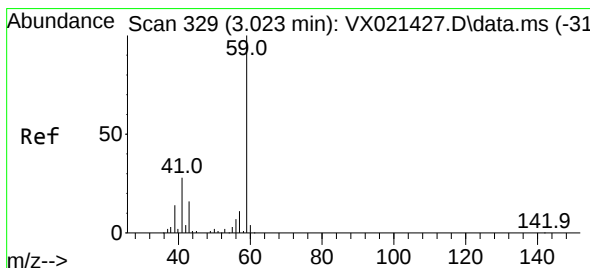
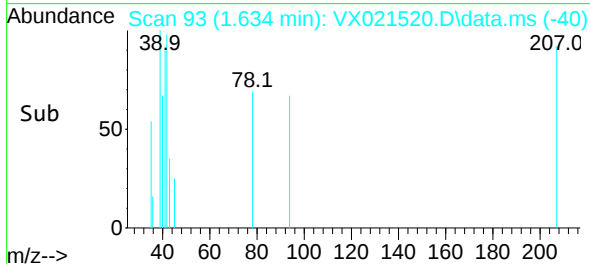
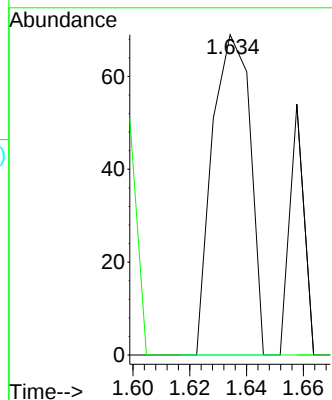
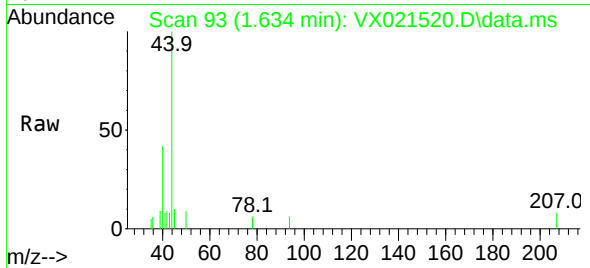




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

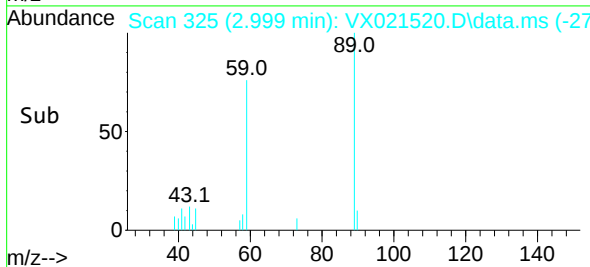
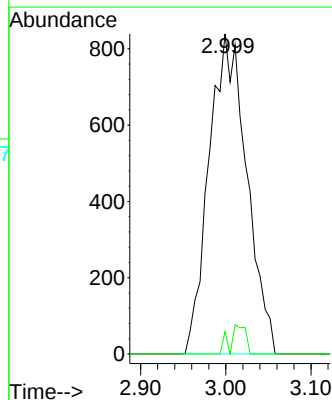
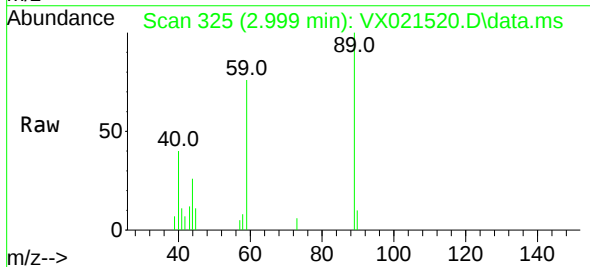
Instrument :
MSVOA_X
ClientSampled :

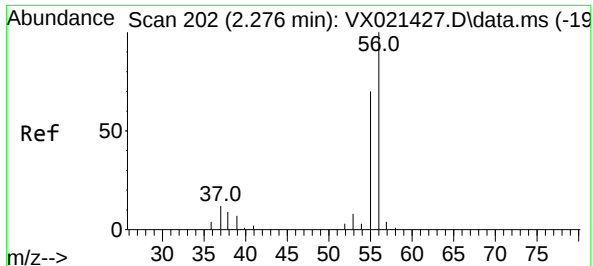
Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 14.60 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion: 59 Resp: 2583
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.8#

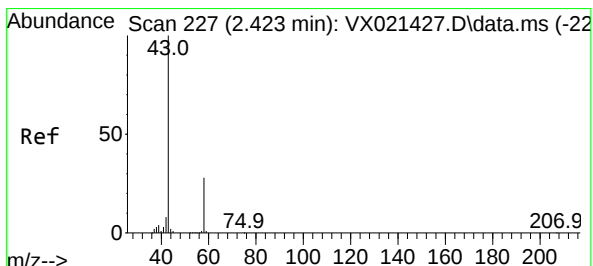
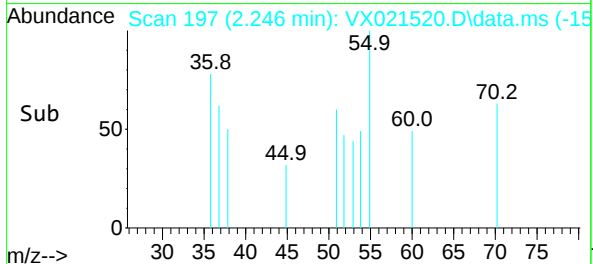
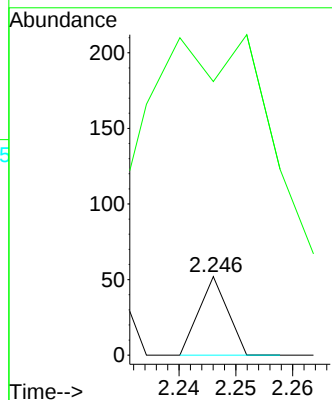
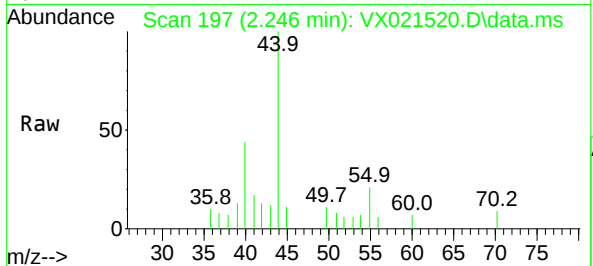




#13
Acrolein
Concen: 4.50 ug/l
RT: 2.246 min Scan# 197
Delta R.T. -0.030 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

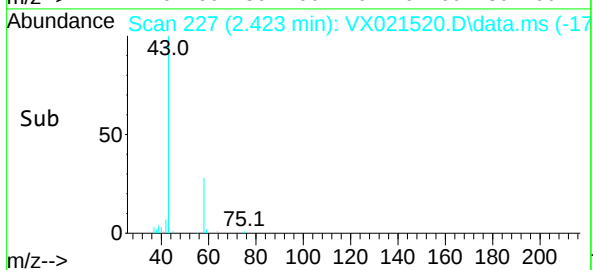
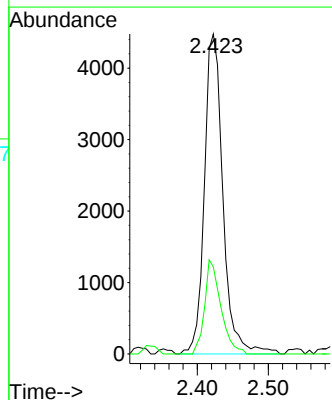
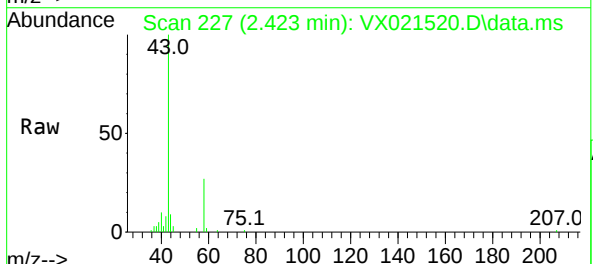
Instrument :
MSVOA_X
ClientSampled :

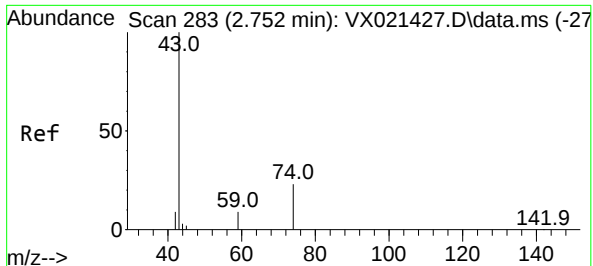
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 2666.7 56.4 84.6#



#16
Acetone
Concen: 20.12 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

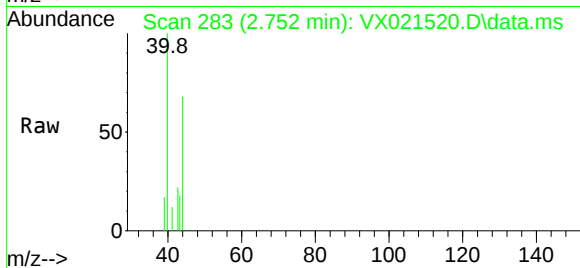
Tgt Ion: 43 Resp: 8144
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#



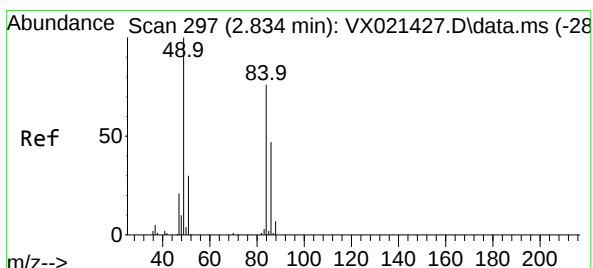
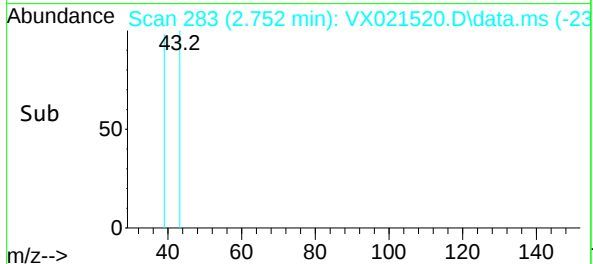
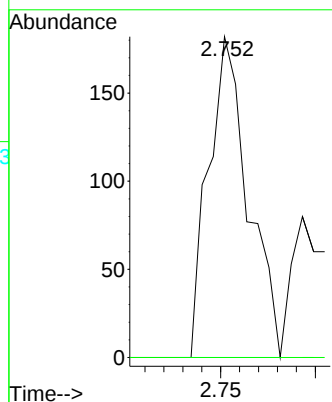


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Instrument :
MSVOA_X
ClientSampled :

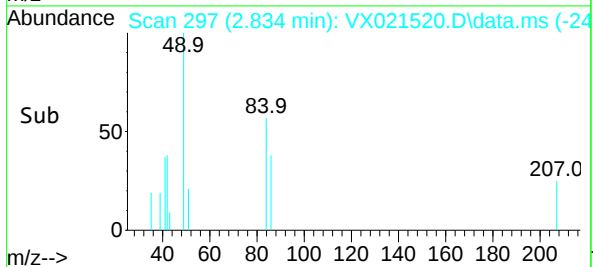
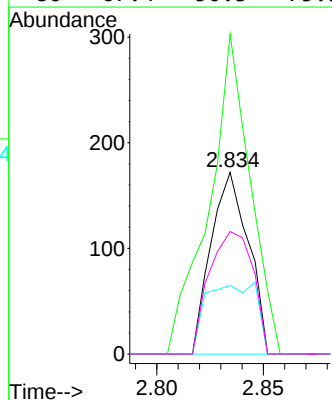
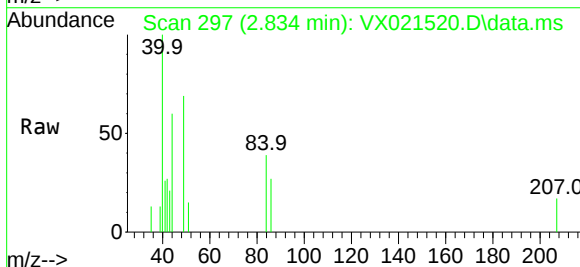


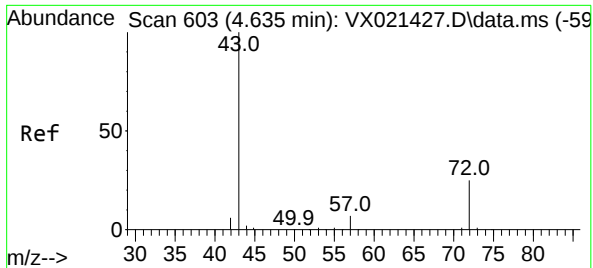
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion: 84 Resp: 210
Ion Ratio Lower Upper
84 100
49 176.2 88.6 132.8#
51 37.8 27.0 40.6
86 67.4 50.3 75.5

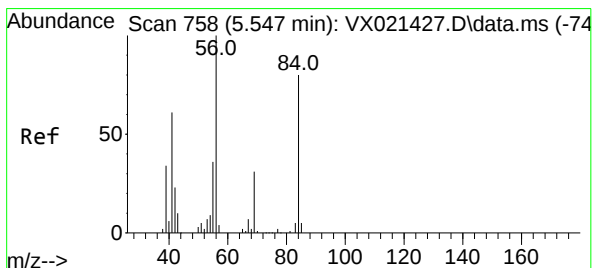
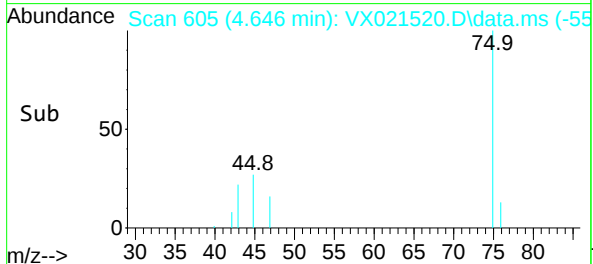
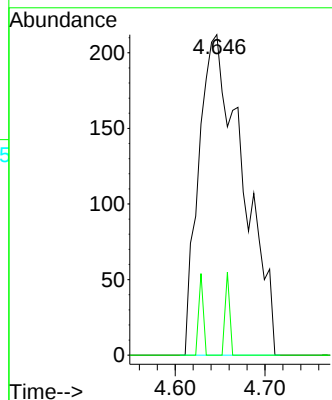
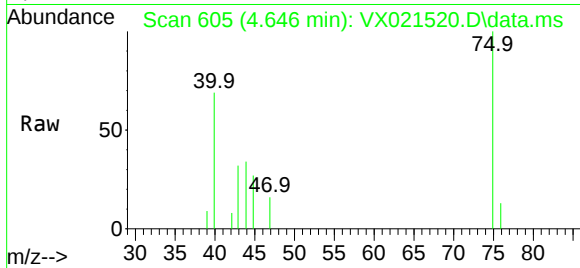




#25
2-Butanone
Concen: 1.18 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

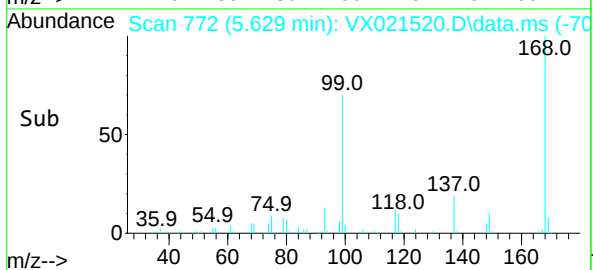
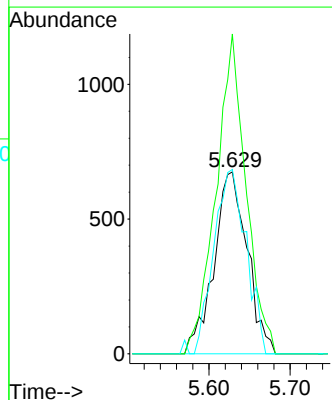
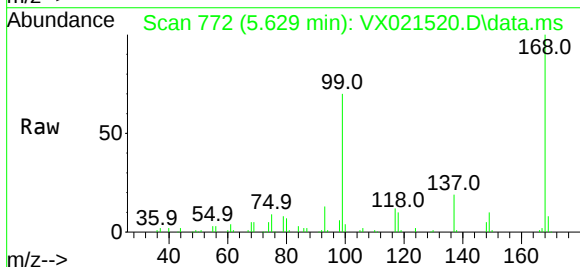
Instrument :
MSVOA_X
ClientSampled :

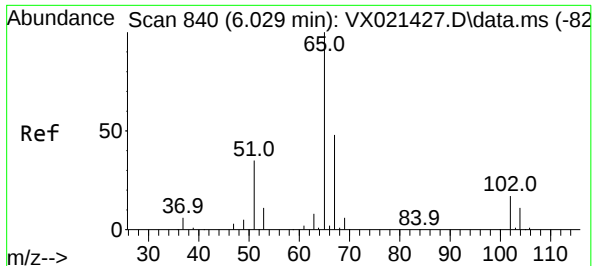
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.64 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion: 56 Resp: 1925
Ion Ratio Lower Upper
56 100
69 175.9 25.3 37.9#
84 101.3 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.38 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

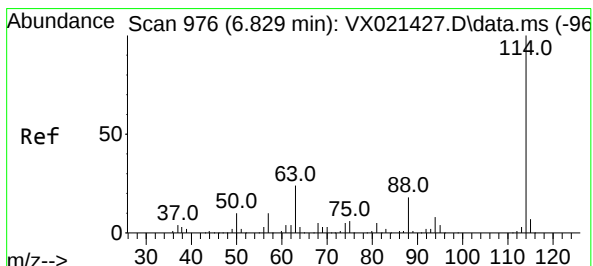
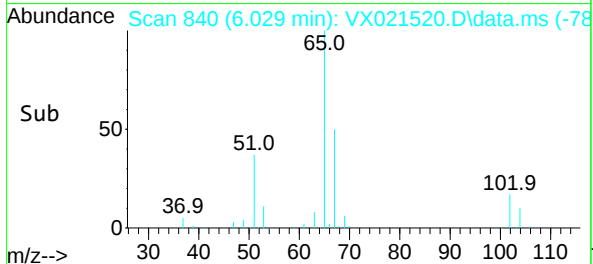
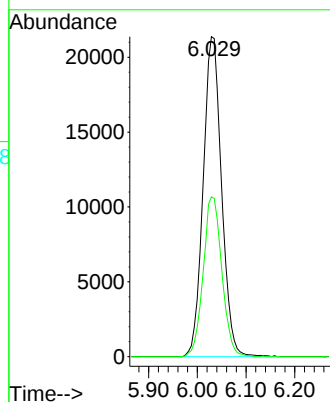
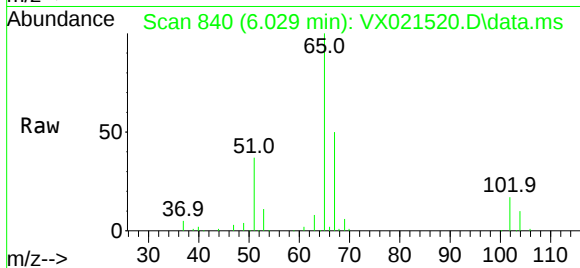
Lab File: VX021520.D

Acq: 26 Mar 2021 05:12

Tgt Ion: 65 Resp: 56064

Ion Ratio Lower Upper

65	100		
67	50.5	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

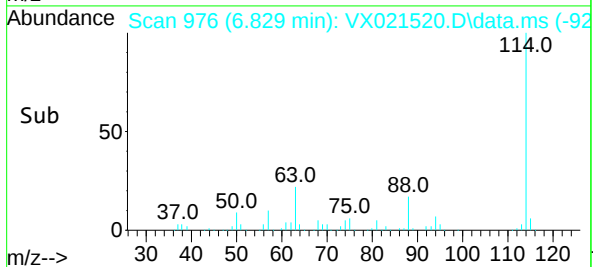
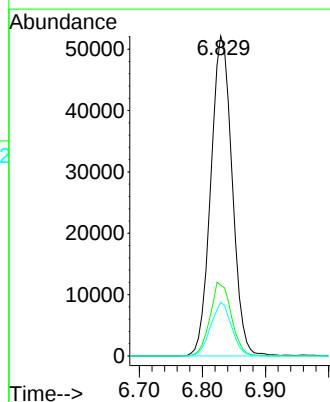
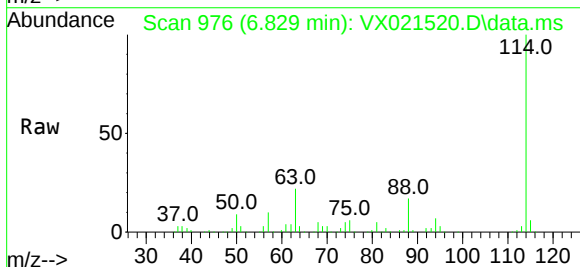
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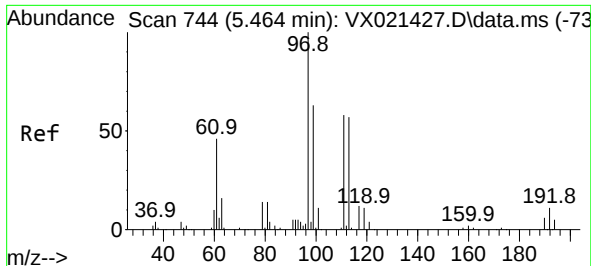
Acq: 26 Mar 2021 05:12

Tgt Ion: 114 Resp: 122426

Ion Ratio Lower Upper

114	100		
63	22.2	0.0	40.8
88	16.7	0.0	32.8

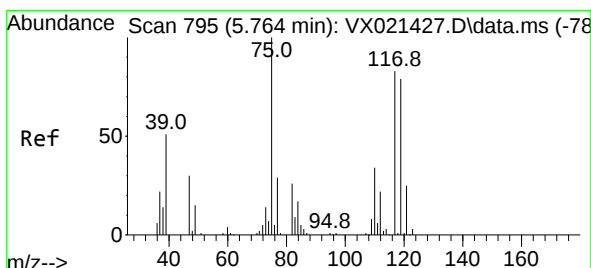
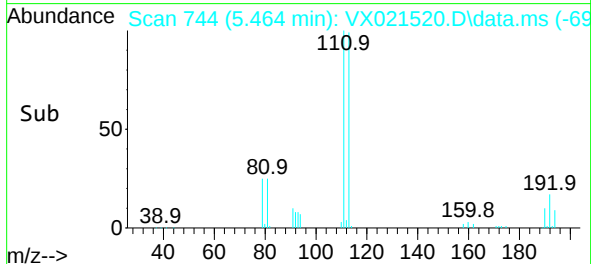
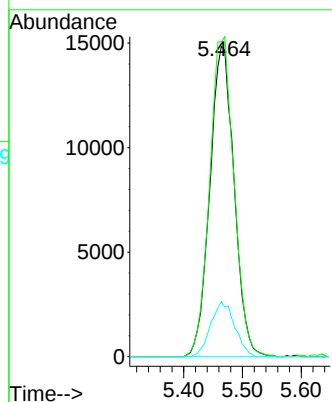
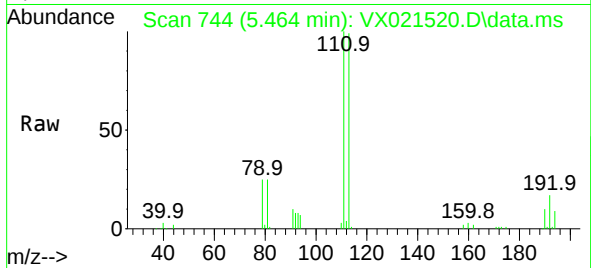




#35
Dibromofluoromethane
Concen: 49.04 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

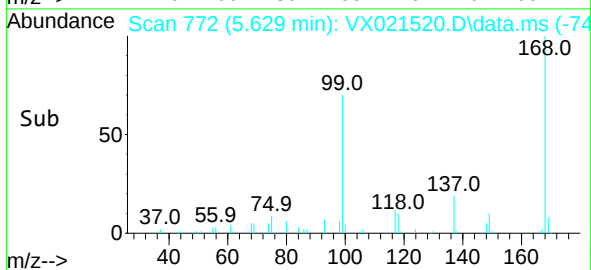
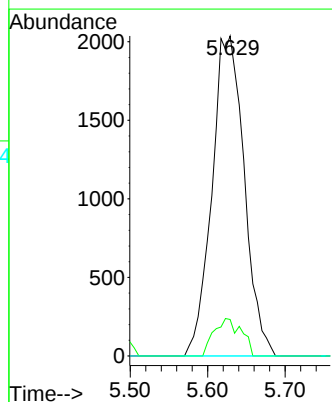
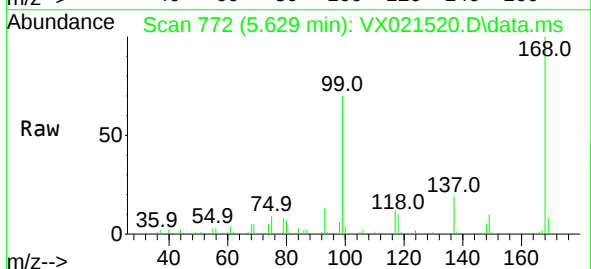
Instrument :
MSVOA_X
ClientSampleId :

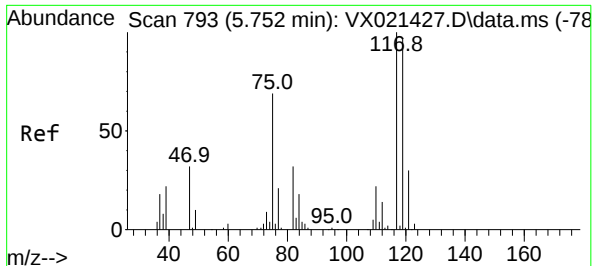
Tgt Ion:113 Resp: 42648
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 17.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

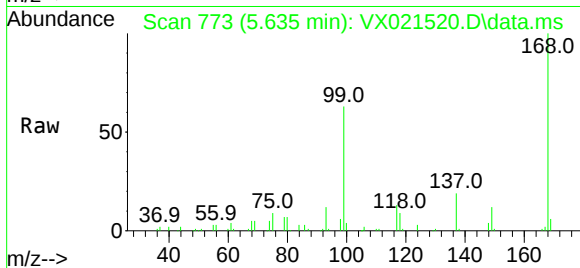
Tgt Ion: 75 Resp: 5895
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



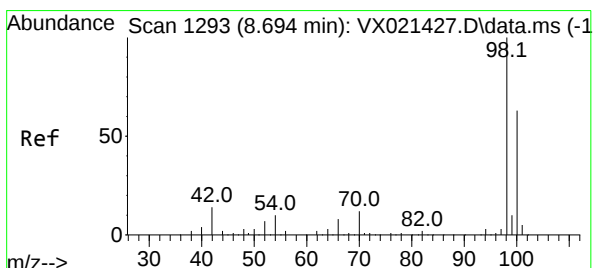
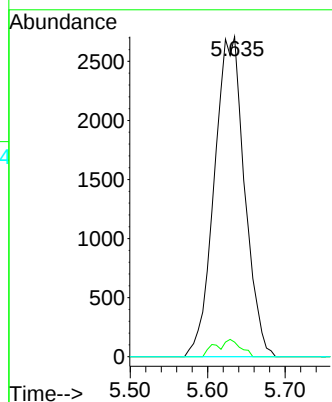
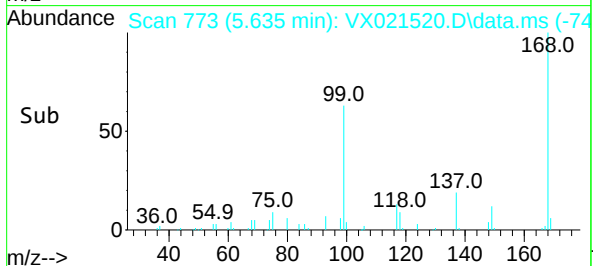


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

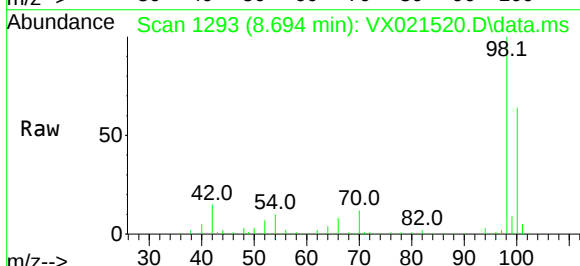
Instrument :
MSVOA_X
ClientSampled :



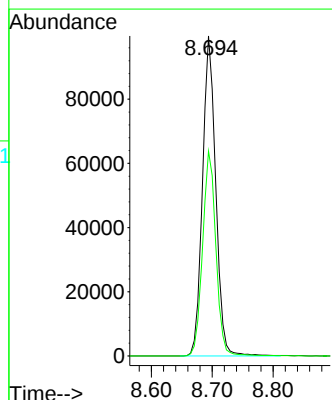
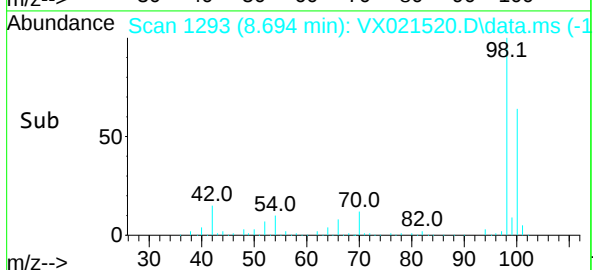
Tgt Ion:117 Resp: 7348
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

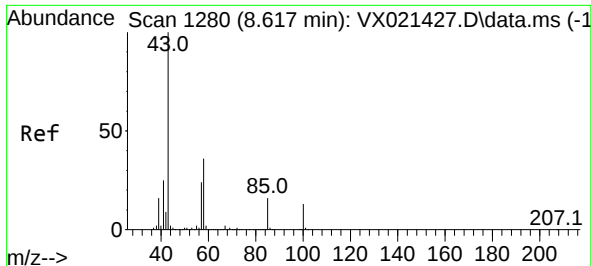


#50
Toluene-d8
Concen: 48.71 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12



Tgt Ion: 98 Resp: 150960
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

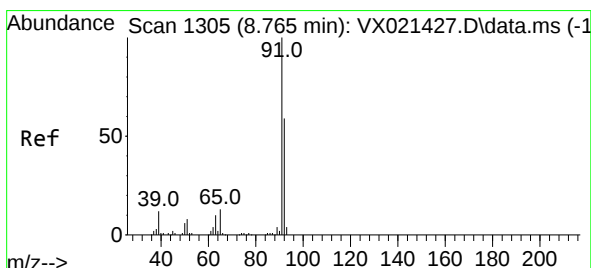
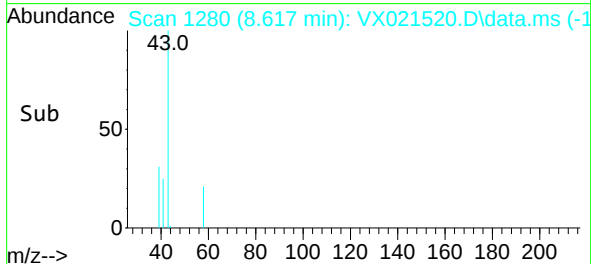
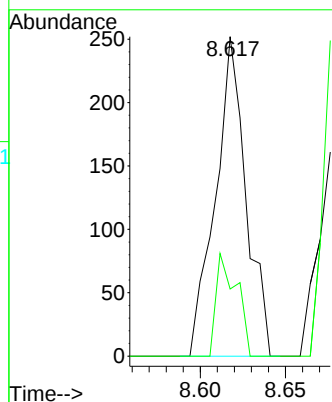
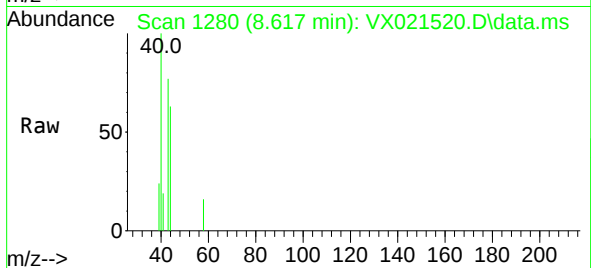




#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

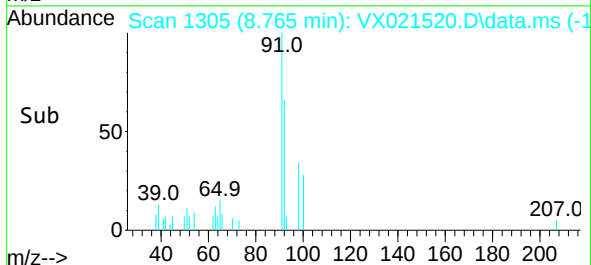
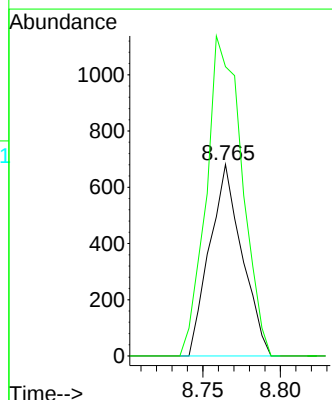
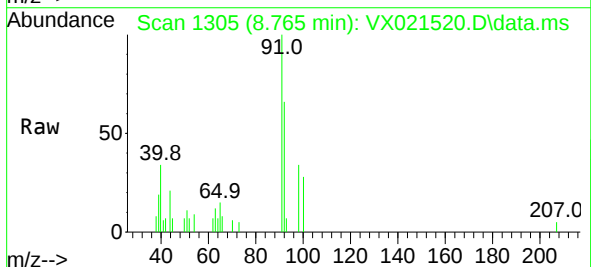
Instrument :
MSVOA_X
ClientSampled :

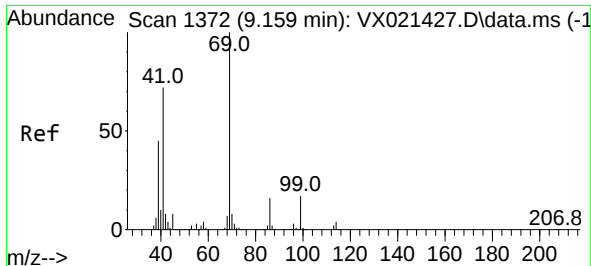
Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 21.6 35.4 53.0#



#52
Toluene
Concen: 0.47 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion: 92 Resp: 992
Ion Ratio Lower Upper
92 100
91 183.9 137.1 205.7

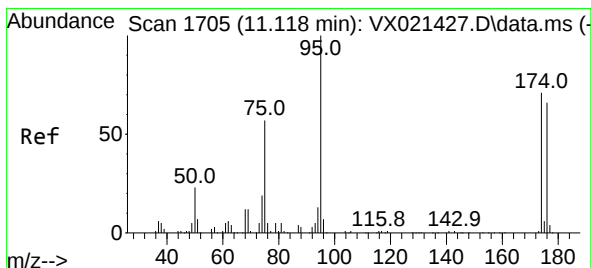
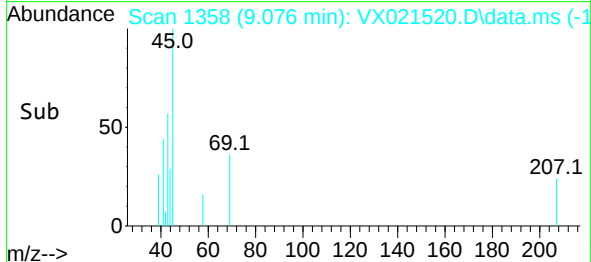
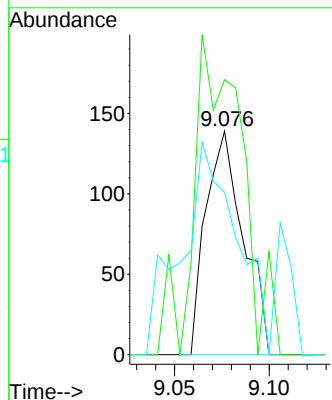
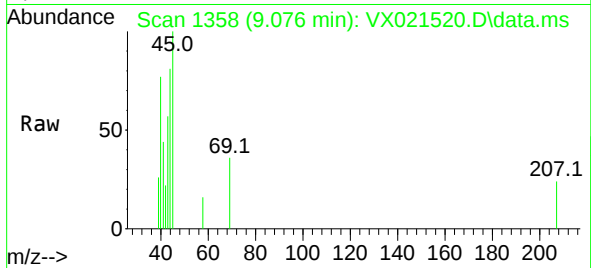




#56
Ethyl methacrylate
Concen: 2.20 ug/l
RT: 9.076 min Scan# 1358
Delta R.T. -0.083 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

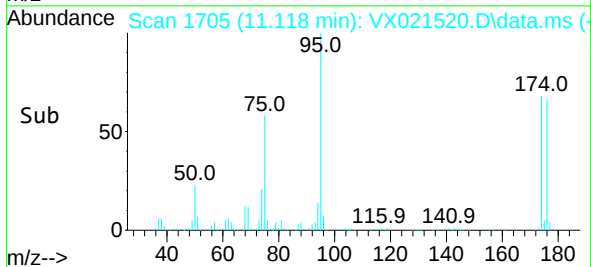
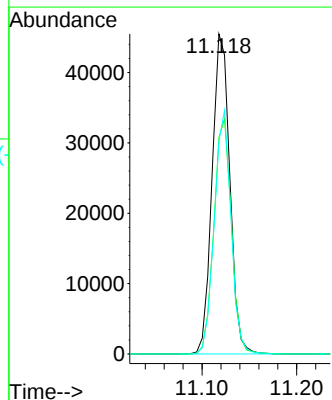
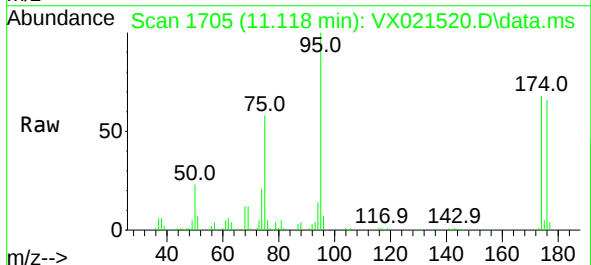
Instrument :
MSVOA_X
ClientSampleId :

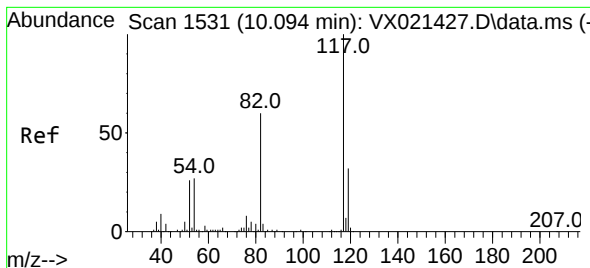
Tgt Ion:	69	Resp:	192
Ion	Ratio	Lower	Upper
69	100		
41	182.3	46.8	70.2#
39	141.1	24.7	37.1#



#62
4-Bromofluorobenzene
Concen: 48.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion:	95	Resp:	58959
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	154.6
176	72.1	0.0	155.8

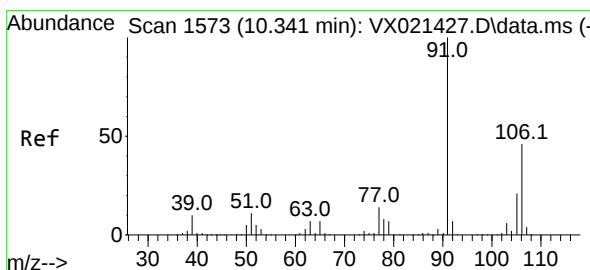
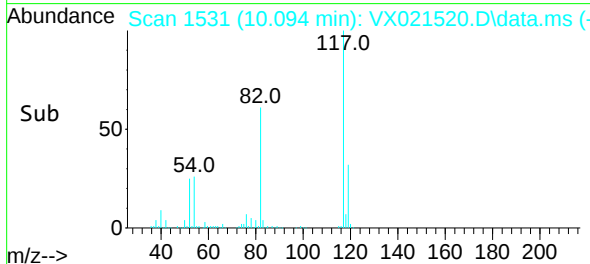
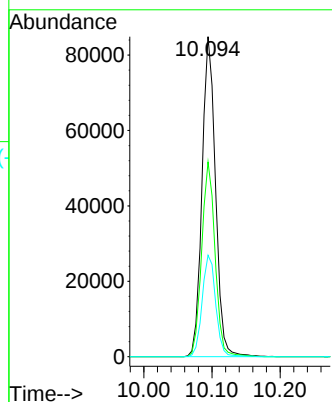
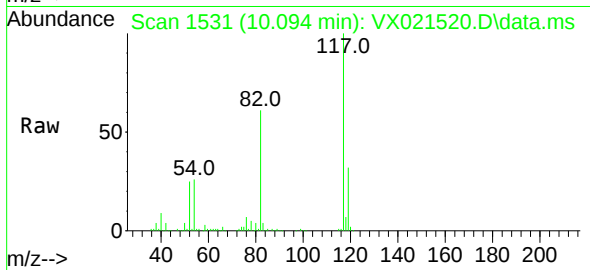




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

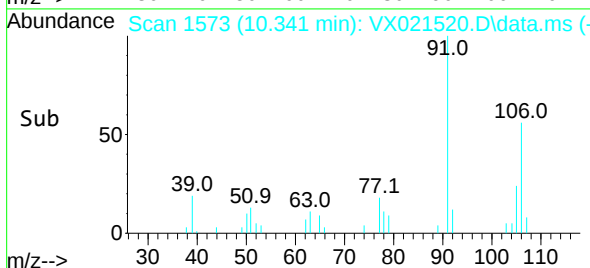
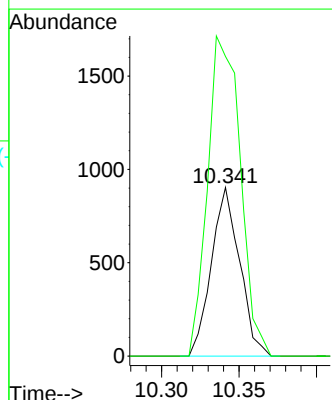
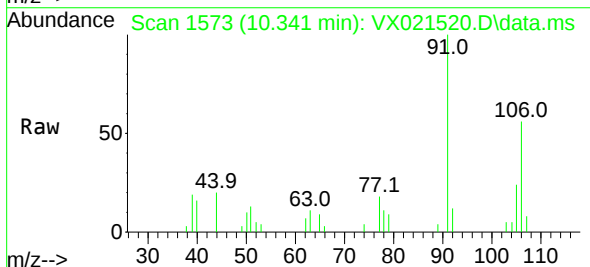
Instrument :
MSVOA_X
ClientSampled :

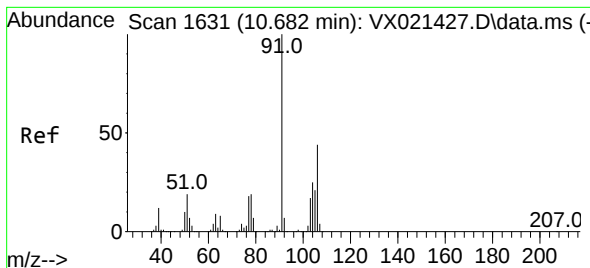
Tgt Ion:117 Resp: 116543
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.7 26.6 39.8



#68
m/p-Xylenes
Concen: 0.75 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion:106 Resp: 1147
Ion Ratio Lower Upper
106 100
91 219.4 162.8 244.2

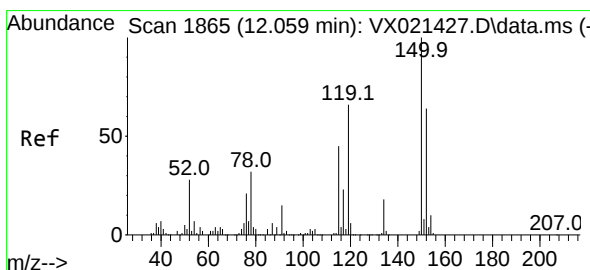
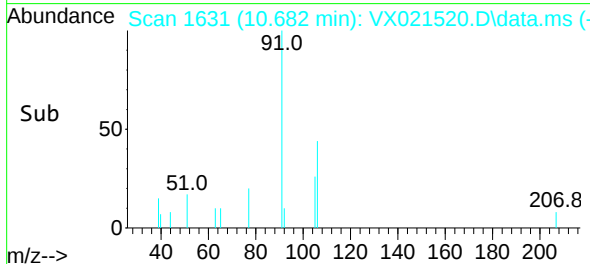
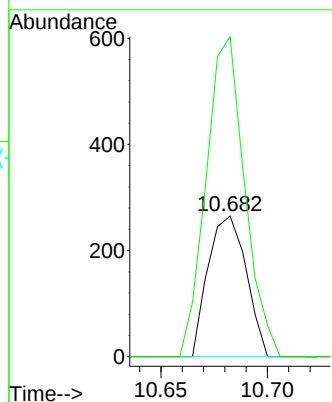
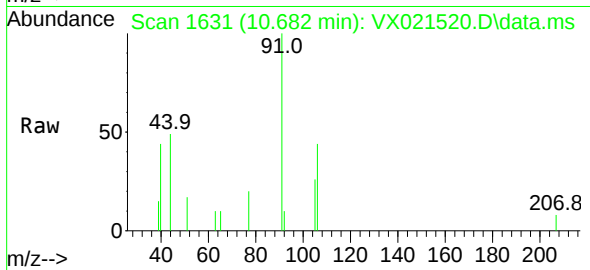




#69
o-Xylene
Concen: 0.22 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

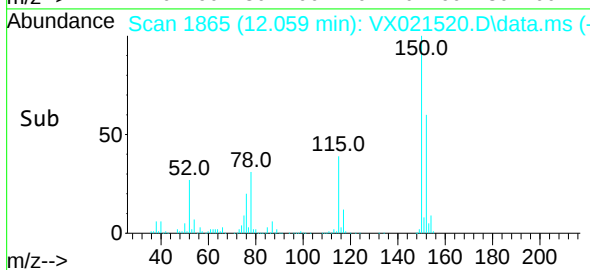
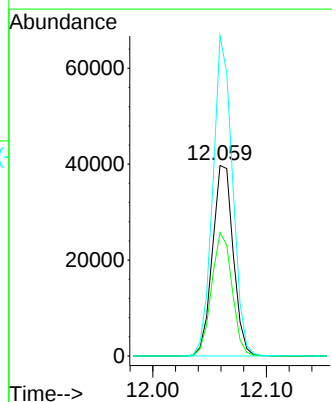
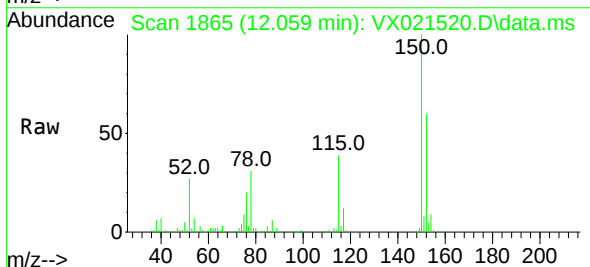
Instrument :
MSVOA_X
ClientSampled :

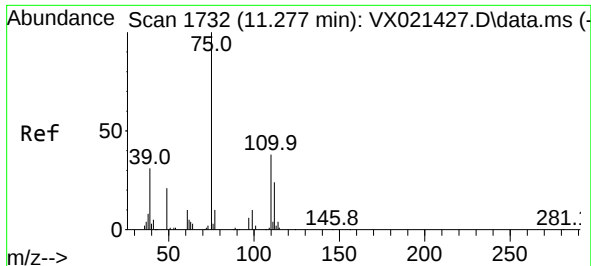
Tgt Ion:106 Resp: 329
Ion Ratio Lower Upper
106 100
91 230.7 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion:152 Resp: 50568
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 158.5 0.0 349.0

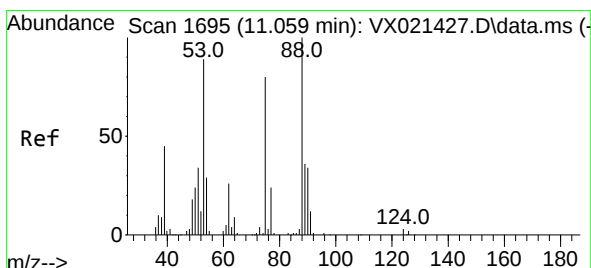
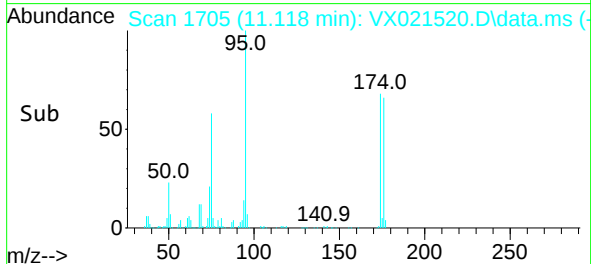
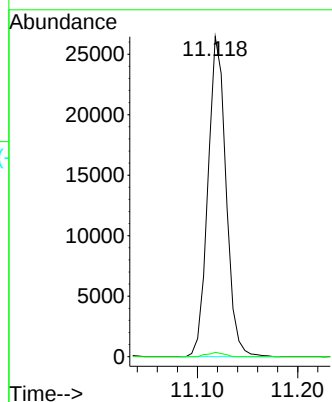
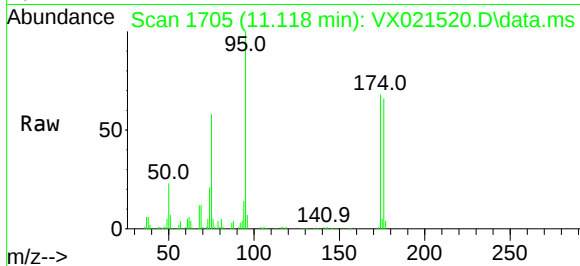




#76
1,2,3-Trichloropropane
Concen: 28.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

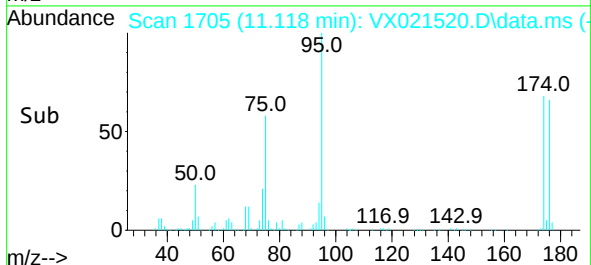
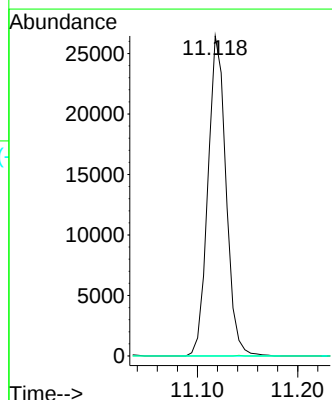
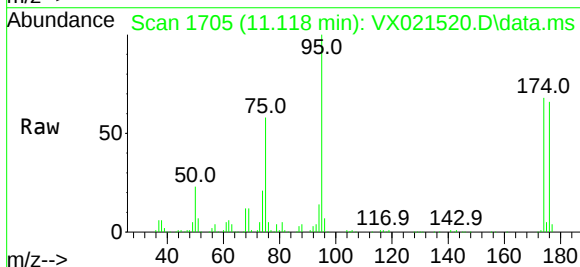
Instrument :
MSVOA_X
ClientSampled :

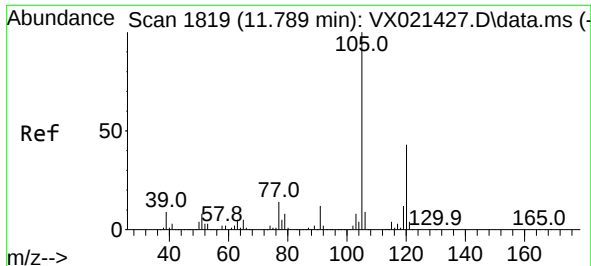
Tgt Ion: 75 Resp: 33228
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.97 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion: 75 Resp: 33228
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

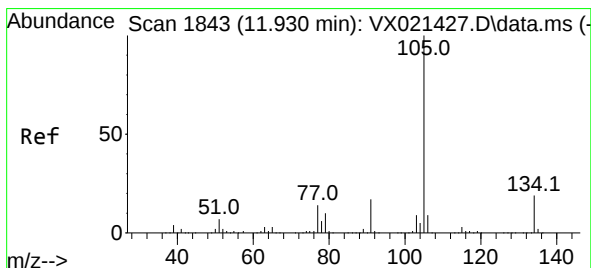
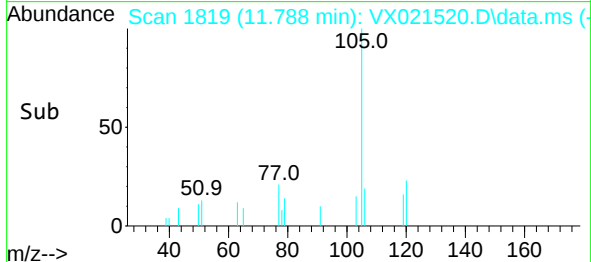
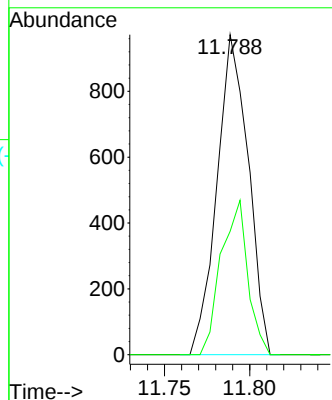
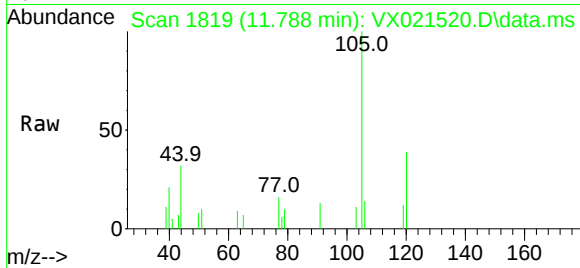




#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 1242
Ion Ratio Lower Upper
105 100
120 41.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.36 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.142 min
Lab File: VX021520.D
Acq: 26 Mar 2021 05:12

Tgt Ion:105 Resp: 1242
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

