

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020983.D
 Acq On : 02 Mar 2021 22:33
 Operator : JC/MD
 Sample : M1536-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 01:20:43 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)

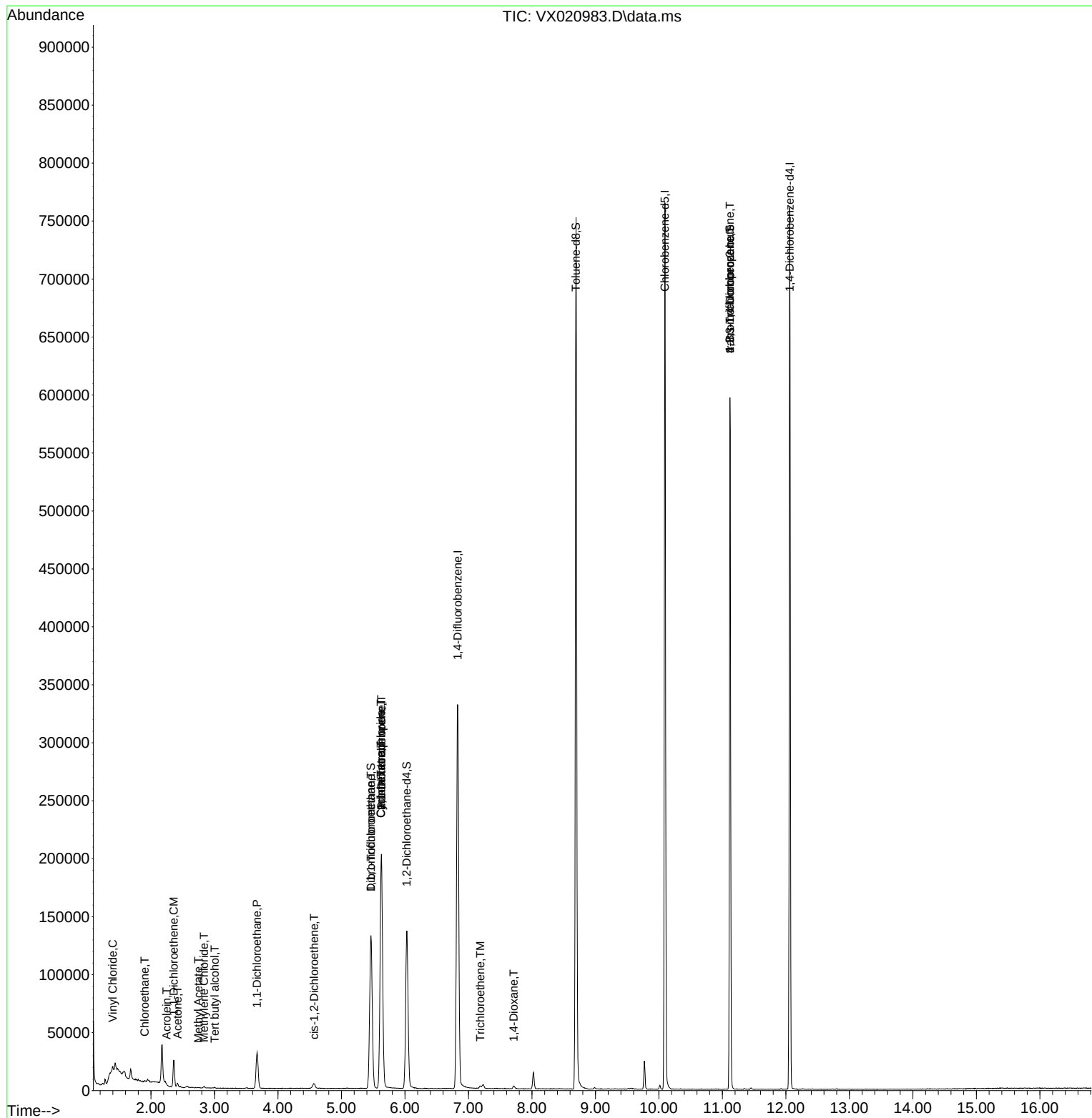
Internal Standards						
1) Pentafluorobenzene	5.629	168	197263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	356804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	353259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	156792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	128249	48.13	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.26%
35) Dibromofluoromethane	5.464	113	114516	52.82	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.64%
50) Toluene-d8	8.694	98	449724	53.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.40%
62) 4-Bromofluorobenzene	11.118	95	169195	54.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.26%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.399	62	2134	0.78	ug/l #	1
5) Bromomethane	1.634	94	288	Below	Cal	84
6) Chloroethane	1.899	64	526	0.31	ug/l #	58
11) Tert butyl alcohol	3.005	59	414	0.70	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	7663	3.47	ug/l	95
13) Acrolein	2.246	56	76	0.21	ug/l #	18
16) Acetone	2.417	43	4384	3.99	ug/l	100
18) Methyl Acetate	2.746	43	568	0.22	ug/l #	56
20) Methylene Chloride	2.834	84	586	0.22	ug/l #	81
24) 1,1-Dichloroethane	3.670	63	35708	8.36	ug/l	100
27) cis-1,2-Dichloroethene	4.570	96	2940	1.03	ug/l	99
31) Cyclohexane	5.623	56	3782	0.98	ug/l #	1
32) 1,1,1-Trichloroethane	5.464	97	2547	0.68	ug/l #	48
36) 1,1-Dichloropropene	5.629	75	14591	4.30	ug/l #	48
38) Carbon Tetrachloride	5.623	117	19124	5.82	ug/l #	15
44) Trichloroethene	7.188	130	775	0.29	ug/l	96
49) 1,4-Dioxane	7.712	88	1936	30.13	ug/l #	93
76) 1,2,3-Trichloropropane	11.118	75	81050	24.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	81050	53.20	ug/l #	13

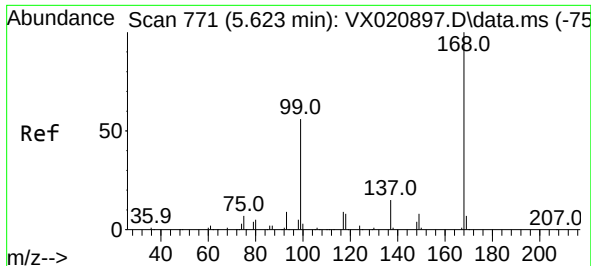
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 03 01:20:43 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

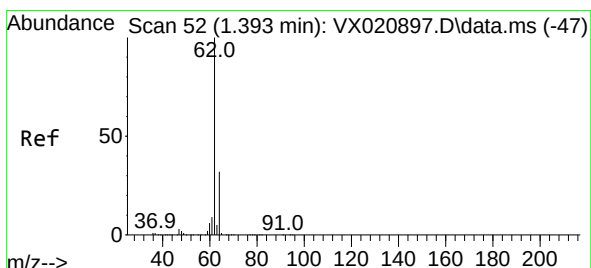
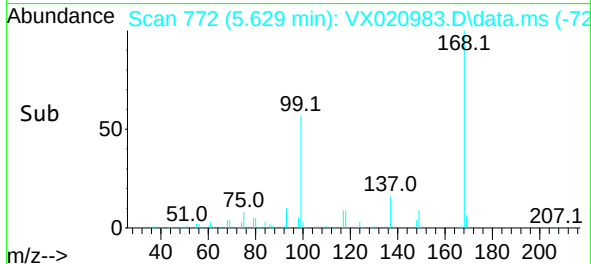
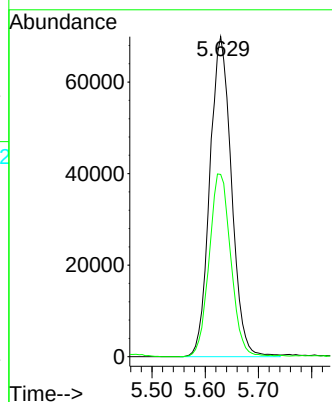
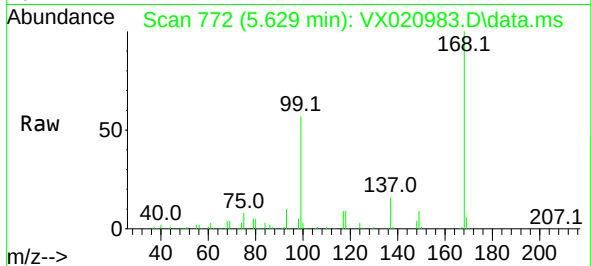




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

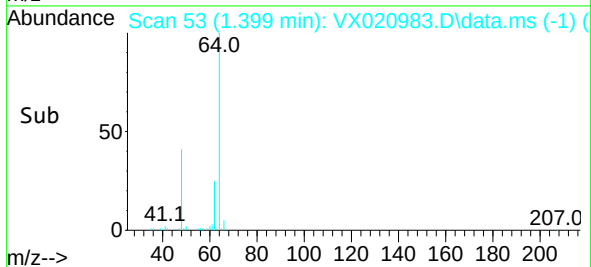
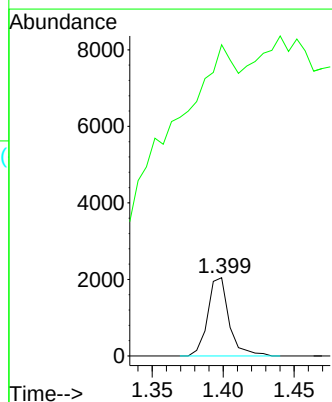
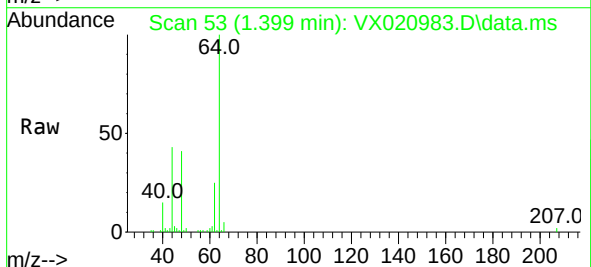
Instrument :
MSVOA_X
ClientSampled :

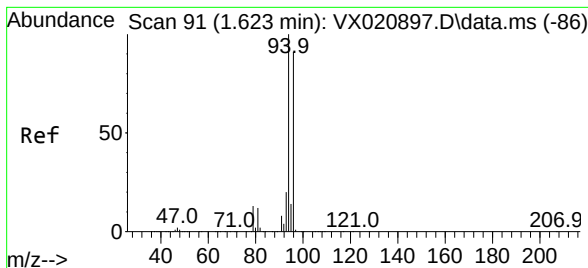
Tgt Ion:168 Resp: 197263
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#4
Vinyl Chloride
Concen: 0.78 ug/l
RT: 1.399 min Scan# 53
Delta R.T. 0.006 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Tgt Ion: 62 Resp: 2134
Ion Ratio Lower Upper
62 100
64 92.9 25.7 38.5#

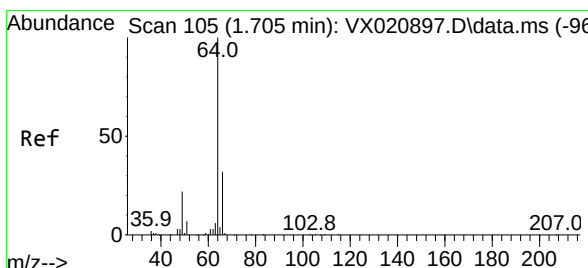
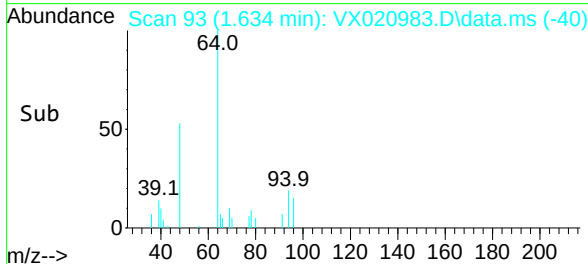
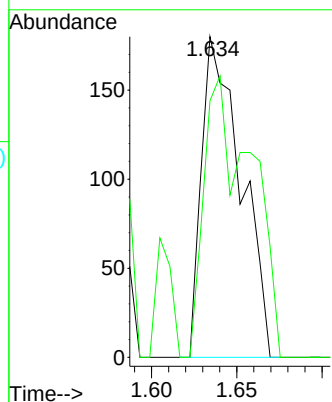
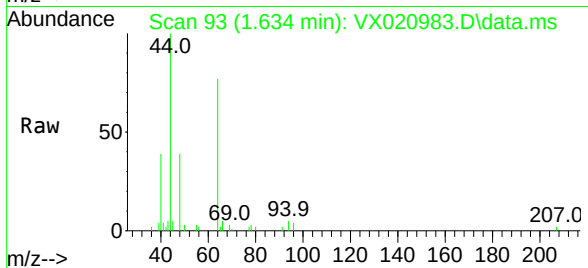




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

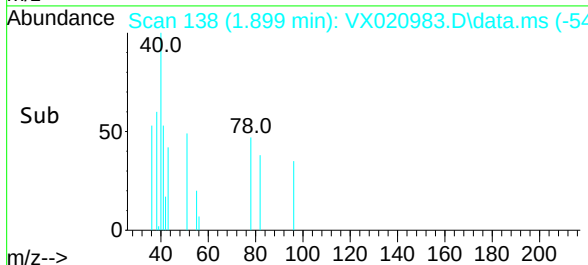
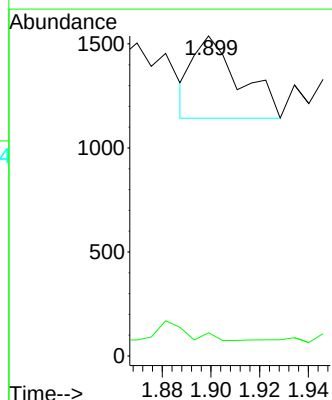
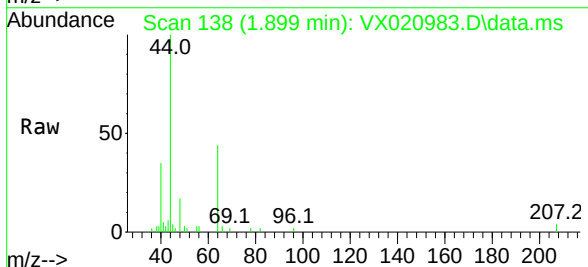
Instrument :
MSVOA_X
ClientSampled :

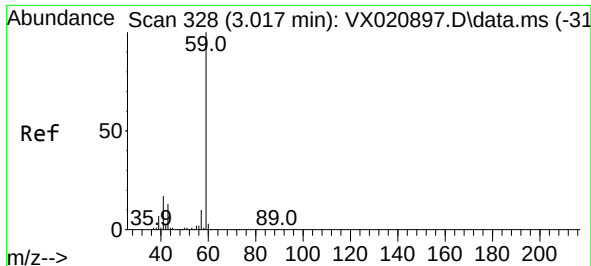
Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 80.0 76.4 114.6



#6
Chloroethane
Concen: 0.31 ug/l
RT: 1.899 min Scan# 138
Delta R.T. 0.194 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

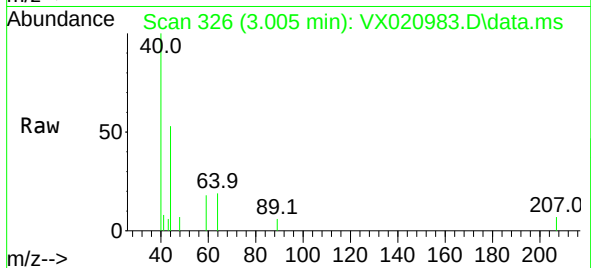
Tgt Ion: 64 Resp: 526
Ion Ratio Lower Upper
64 100
66 8.6 25.4 38.0#



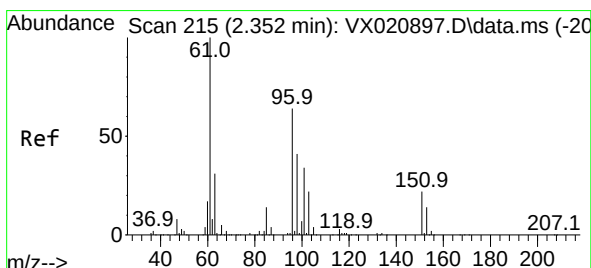
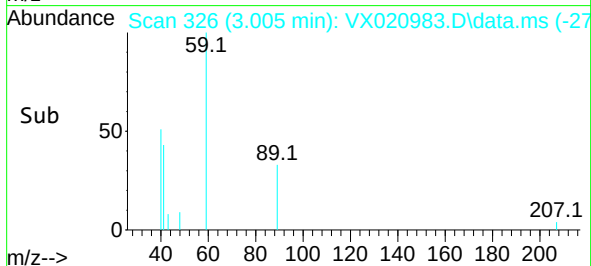
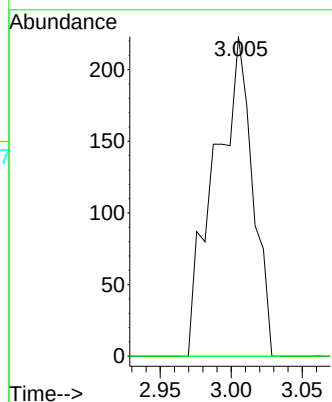


#11
Tert butyl alcohol
Concen: 0.70 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Instrument :
MSVOA_X
ClientSampled :

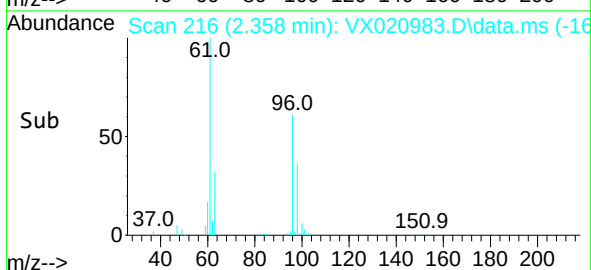
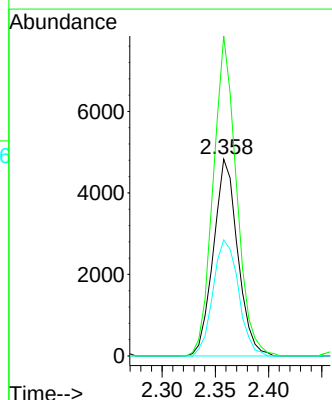
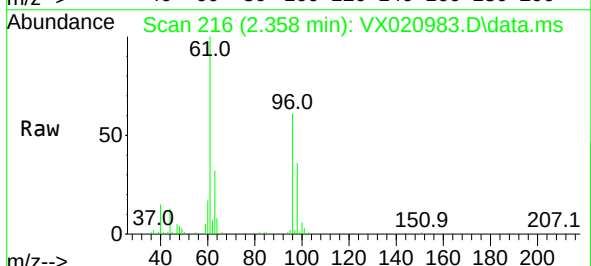


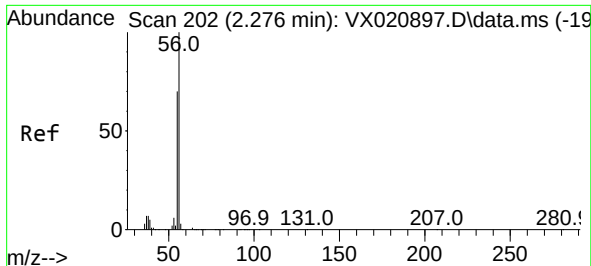
Tgt Ion: 59 Resp: 414
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 3.47 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Tgt Ion: 96 Resp: 7663
Ion Ratio Lower Upper
96 100
61 162.6 124.6 187.0
98 59.0 50.6 76.0

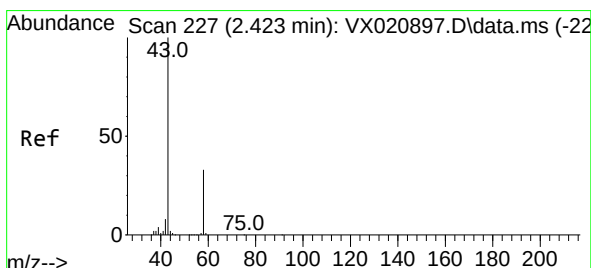
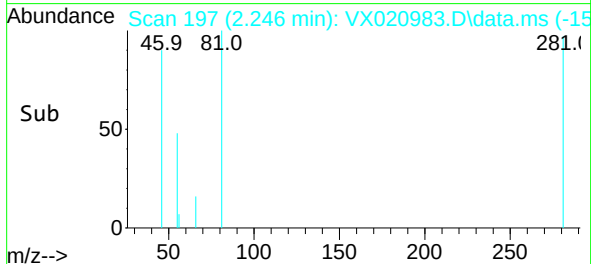
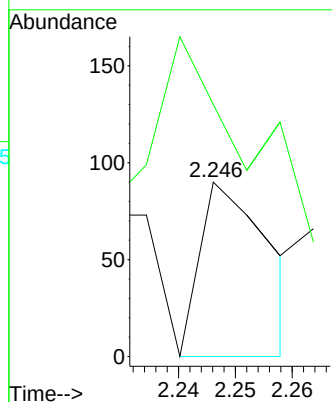
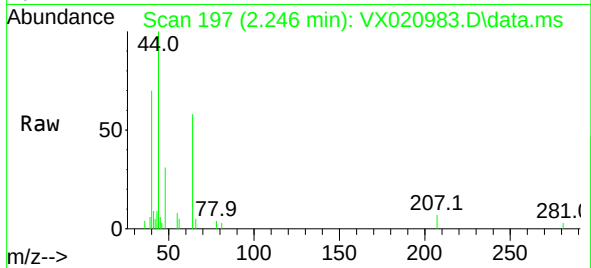




#13
Acrolein
Concen: 0.21 ug/l
RT: 2.246 min Scan# 197
Delta R.T. -0.030 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

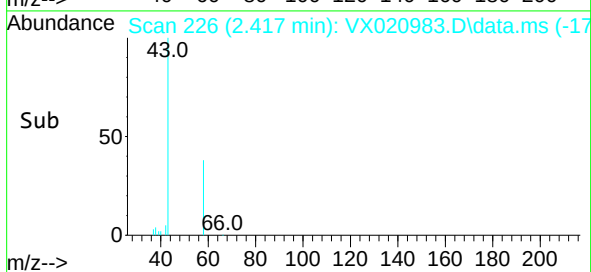
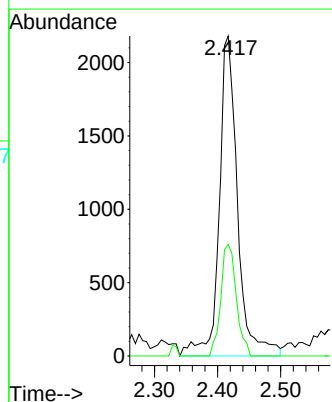
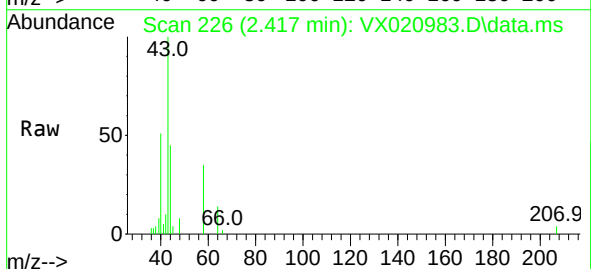
Instrument :
MSVOA_X
ClientSampled :

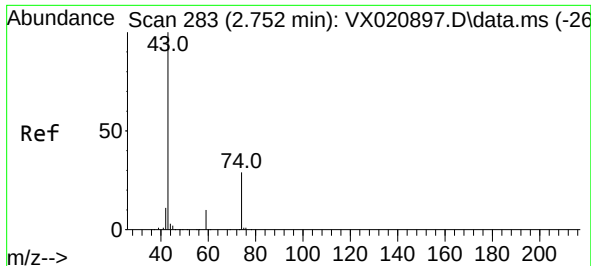
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 138.2 56.4 84.6#



#16
Acetone
Concen: 3.99 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

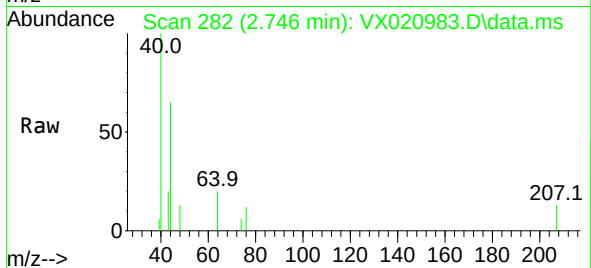
Tgt Ion: 43 Resp: 4384
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



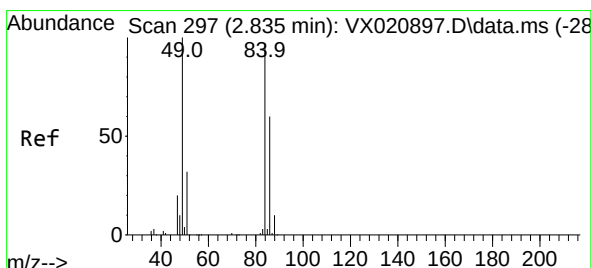
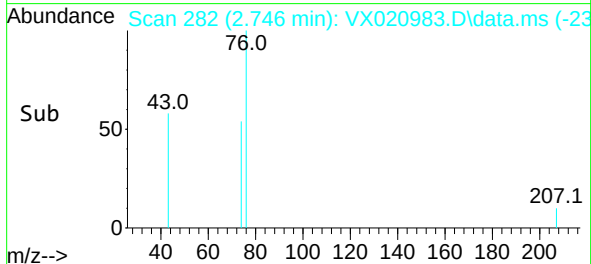
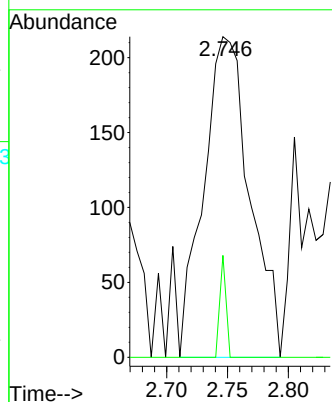


#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Instrument :
MSVOA_X
ClientSampled :

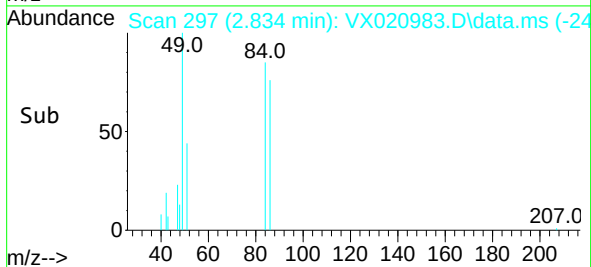
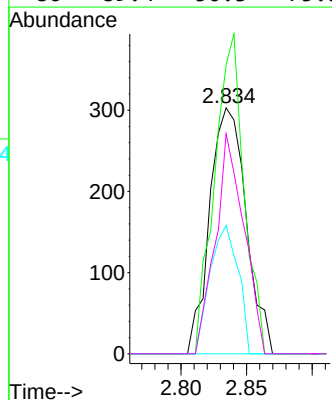
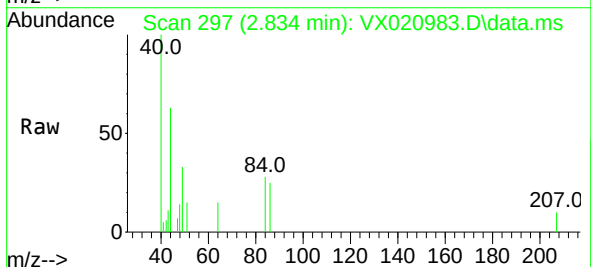


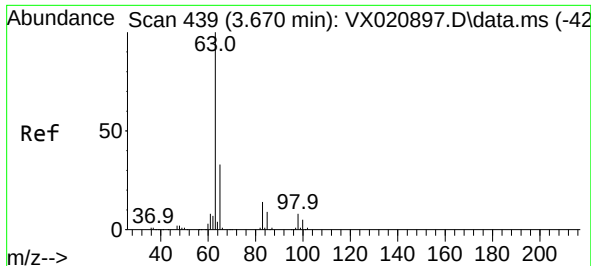
Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
74 4.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

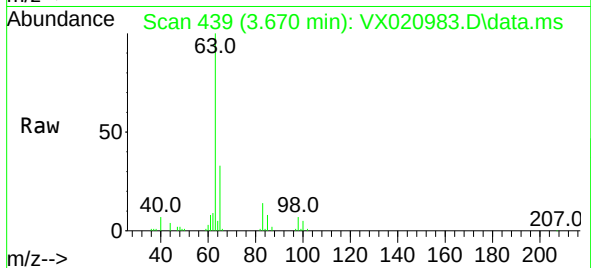
Tgt Ion: 84 Resp: 586
Ion Ratio Lower Upper
84 100
49 117.5 88.6 132.8
51 52.1 27.0 40.6#
86 89.4 50.3 75.5#



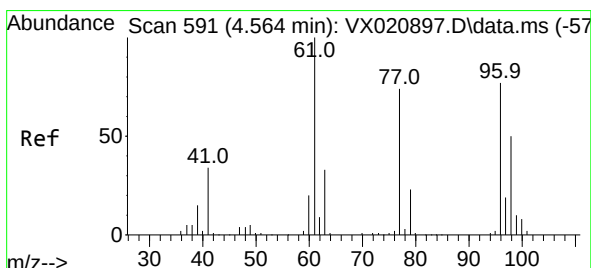
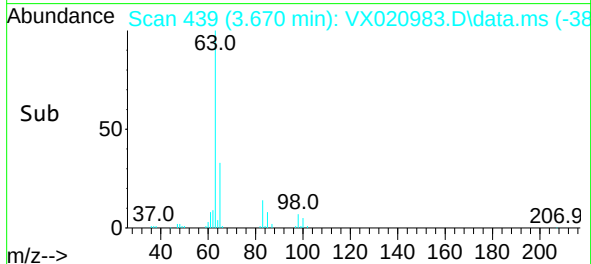
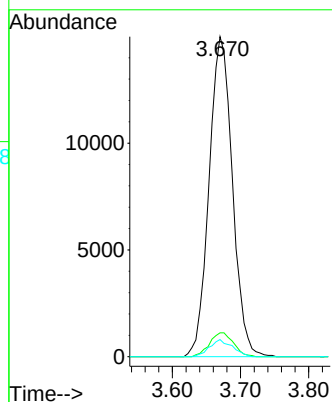


#24
1,1-Dichloroethane
Concen: 8.36 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Instrument :
MSVOA_X
ClientSampleId :

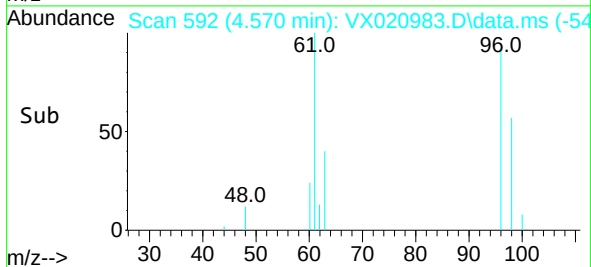
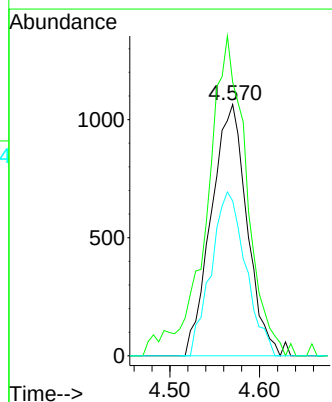
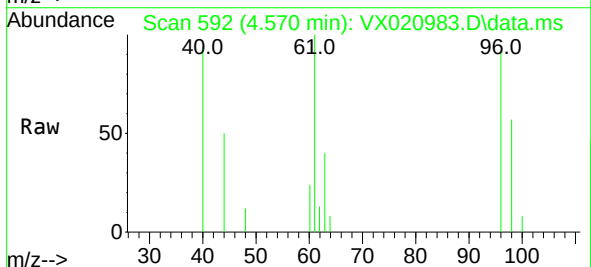


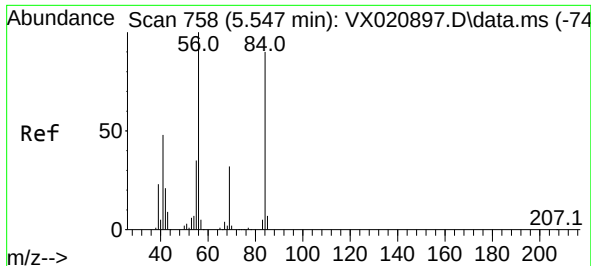
Tgt Ion: 63 Resp: 35708
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 5.3 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 1.03 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.006 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

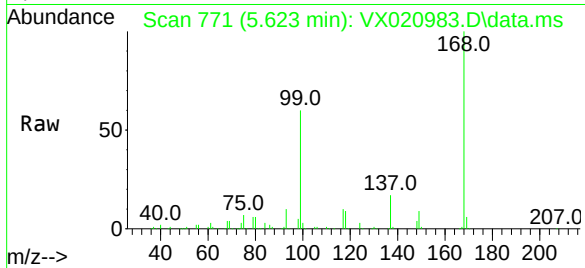
Tgt Ion: 96 Resp: 2940
Ion Ratio Lower Upper
96 100
61 142.4 0.0 285.6
98 63.3 0.0 129.6



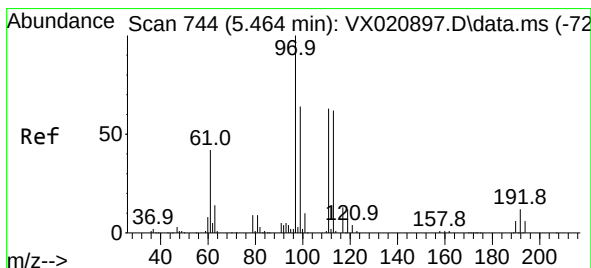
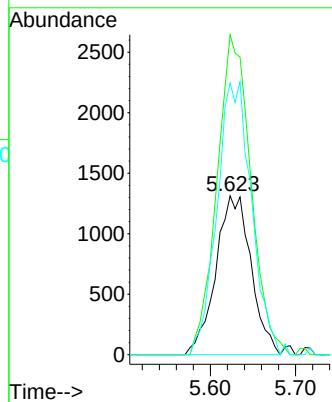
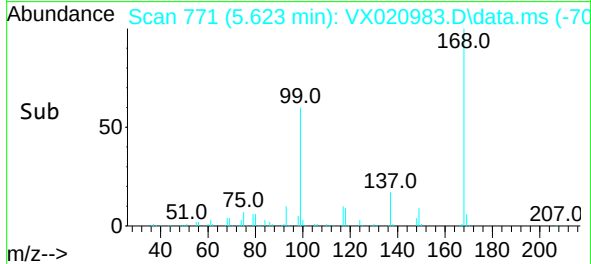


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

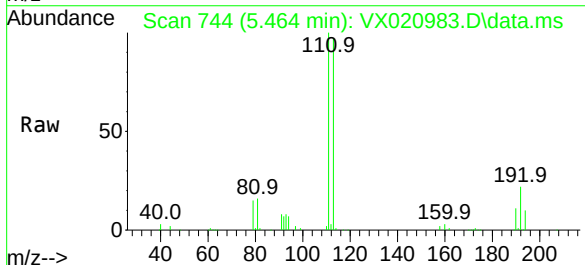
Instrument :
MSVOA_X
ClientSampleId :



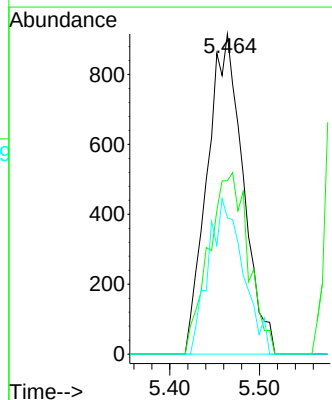
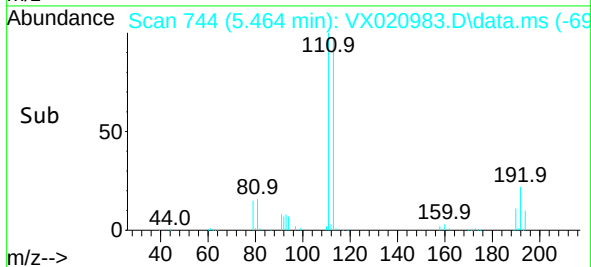
Tgt Ion: 56 Resp: 3782
Ion Ratio Lower Upper
56 100
69 201.4 25.3 37.9#
84 171.1 71.4 107.0#

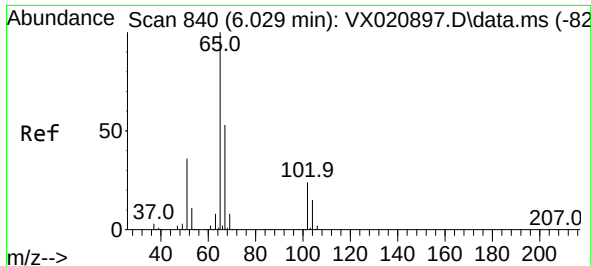


#32
1,1,1-Trichloroethane
Concen: 0.68 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33



Tgt Ion: 97 Resp: 2547
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 46.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.13 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX020983.D

Acq: 02 Mar 2021 22:33

Tgt Ion: 65 Resp: 128249

Ion Ratio Lower Upper

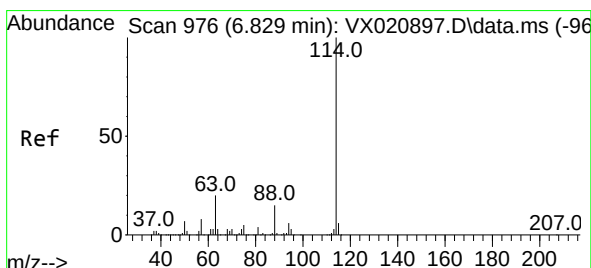
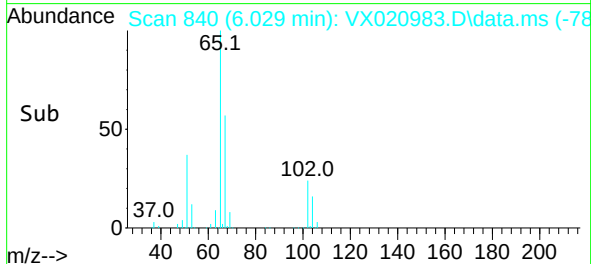
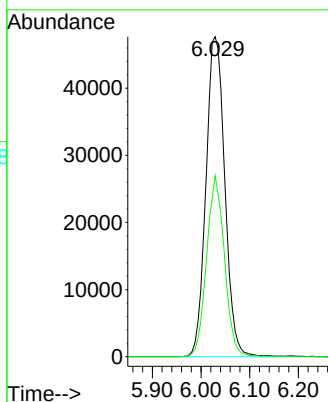
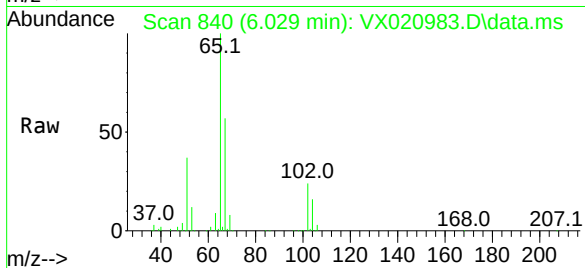
65 100

67 53.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX020983.D

Acq: 02 Mar 2021 22:33

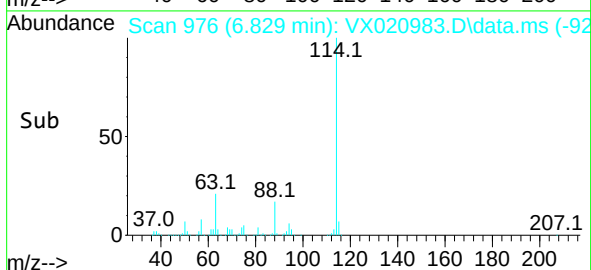
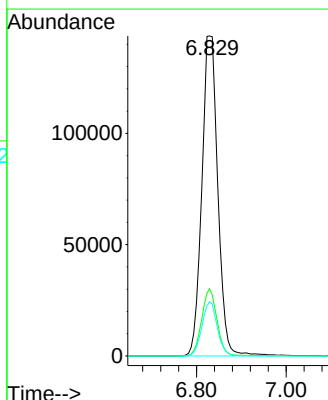
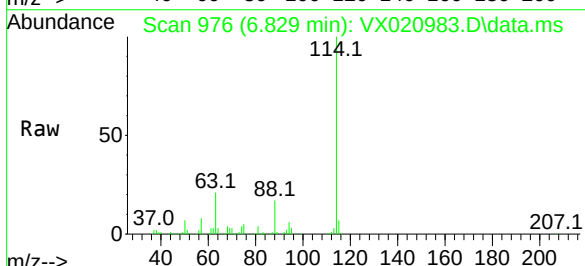
Tgt Ion: 114 Resp: 356804

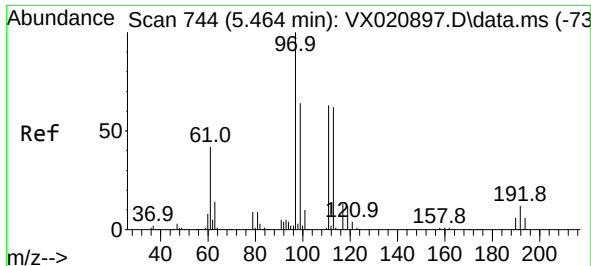
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.9 0.0 32.8

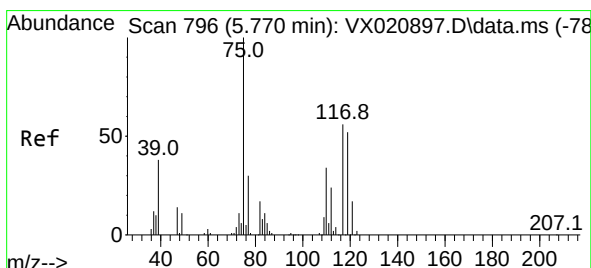
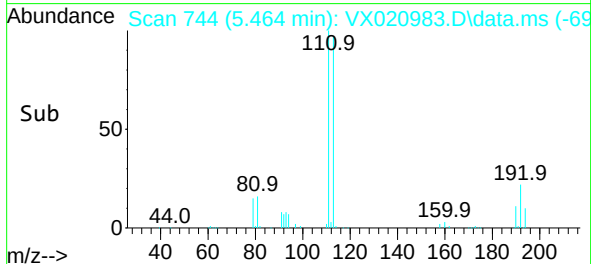
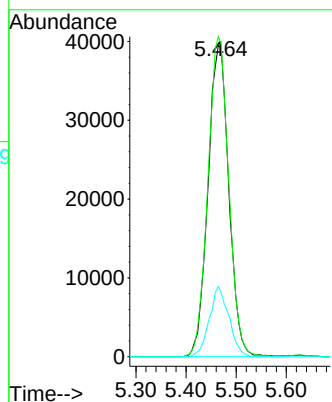
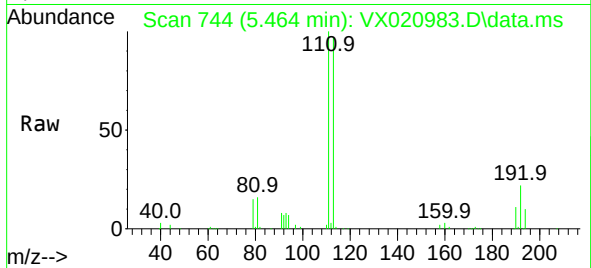




#35
Dibromofluoromethane
Concen: 52.82 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

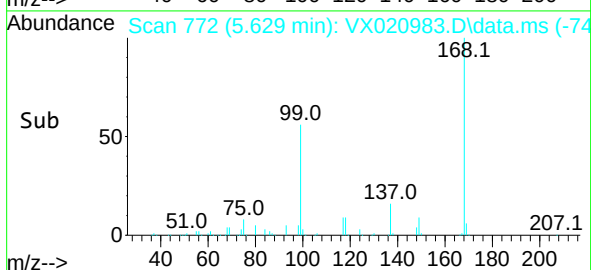
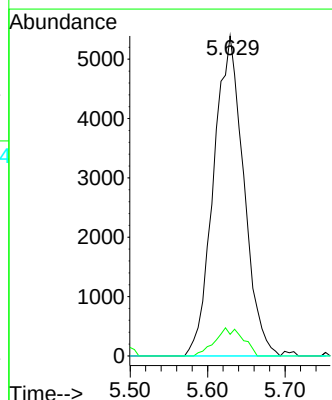
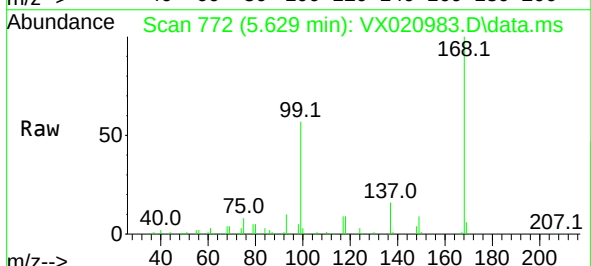
Instrument :
MSVOA_X
ClientSampleId :

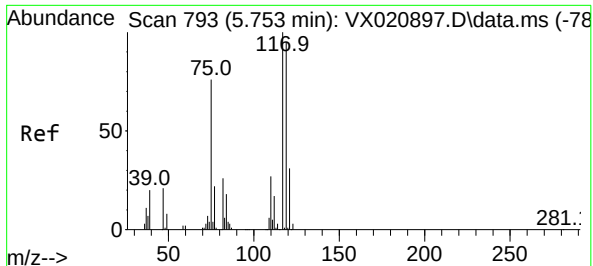
Tgt Ion:113 Resp: 114516
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

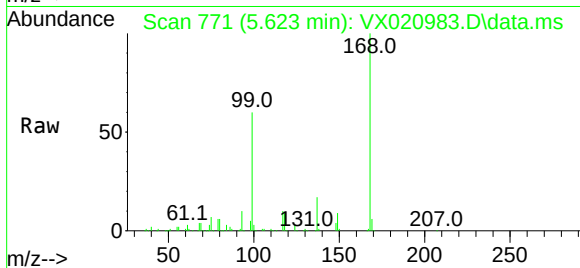
Tgt Ion: 75 Resp: 14591
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



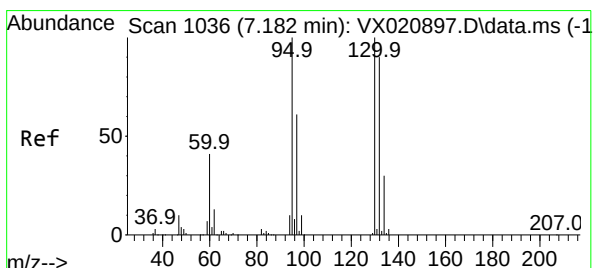
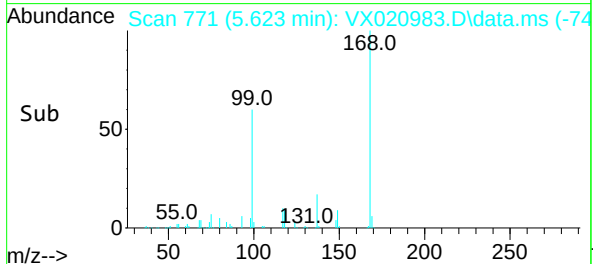
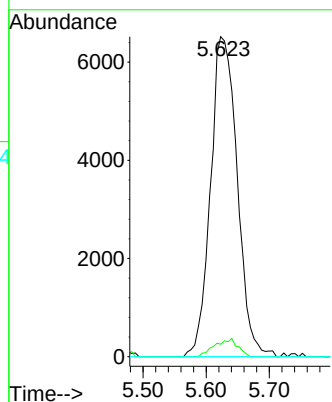


#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Instrument :
MSVOA_X
ClientSampled :

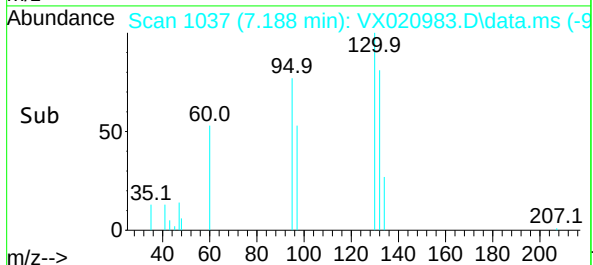
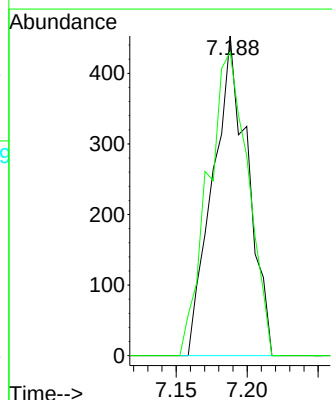
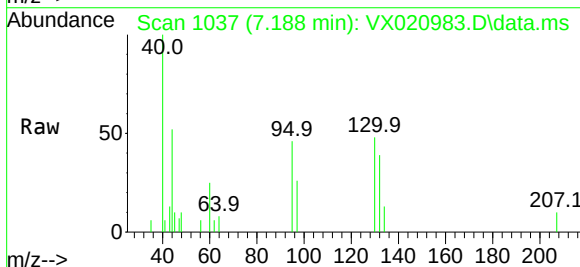


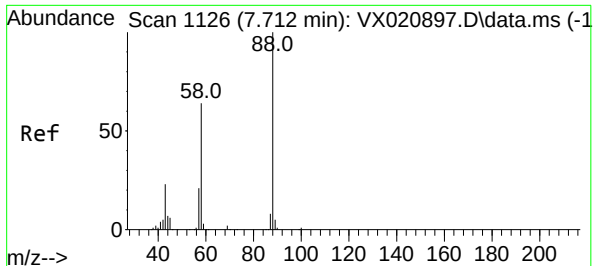
Tgt Ion:117 Resp: 19124
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.29 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Tgt Ion:130 Resp: 775
Ion Ratio Lower Upper
130 100
95 94.9 0.0 198.0





#49

1,4-Dioxane

Concen: 30.13 ug/l

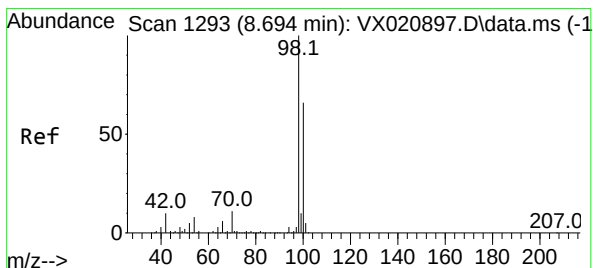
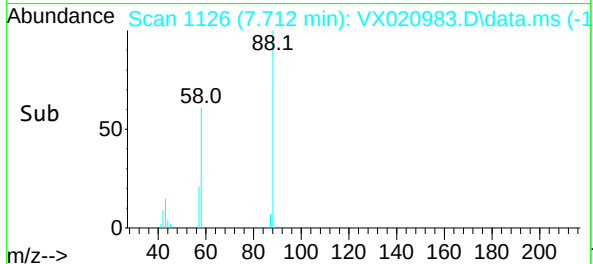
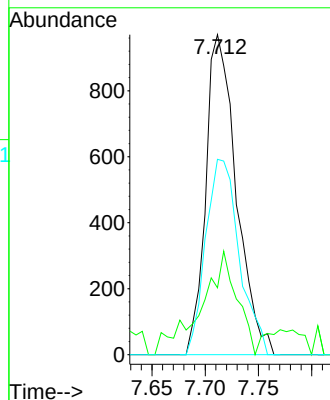
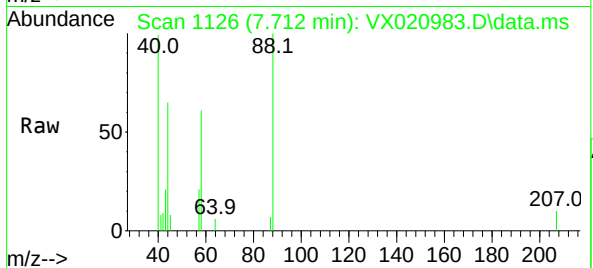
RT: 7.712 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VX020983.D

Acq: 02 Mar 2021 22:33

Tgt Ion: 88	Resp: 1936
Ion Ratio	Lower Upper
88	100
43	38.4 23.2 34.8#
58	67.0 55.0 82.4



#50

Toluene-d8

Concen: 53.20 ug/l

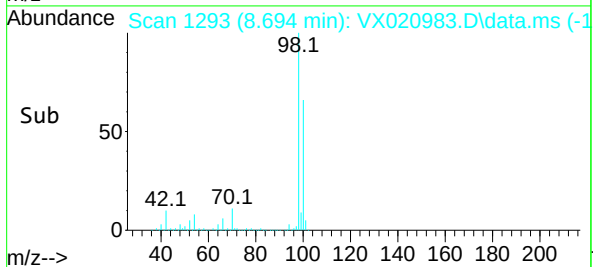
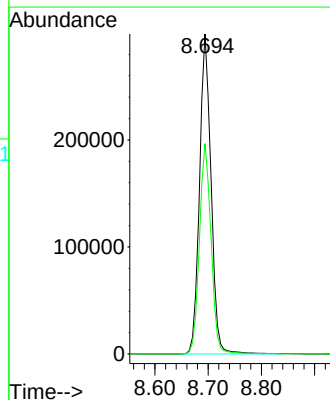
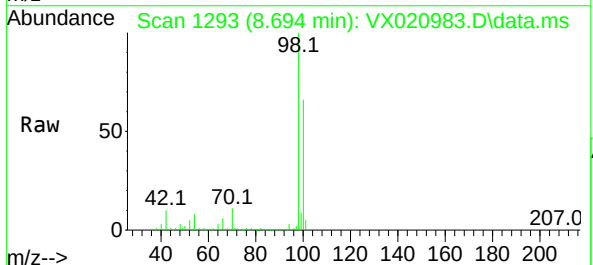
RT: 8.694 min Scan# 1293

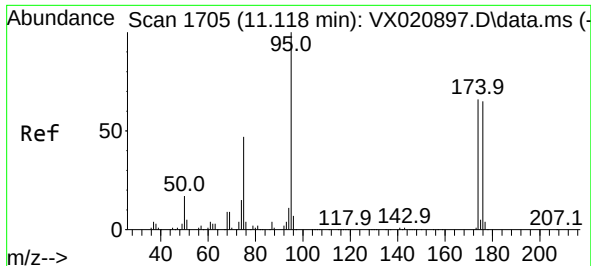
Delta R.T. -0.000 min

Lab File: VX020983.D

Acq: 02 Mar 2021 22:33

Tgt Ion: 98	Resp: 449724
Ion Ratio	Lower Upper
98	100
100	66.6 51.9 77.9

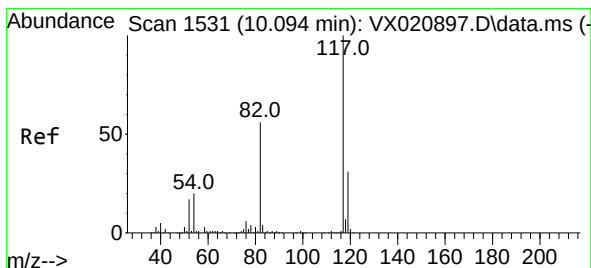
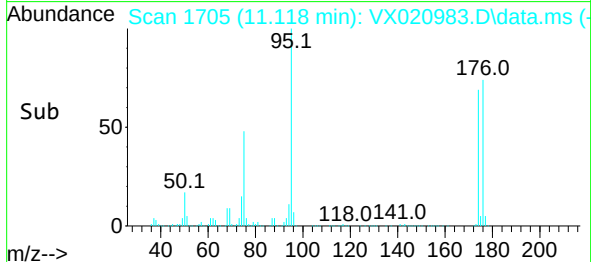
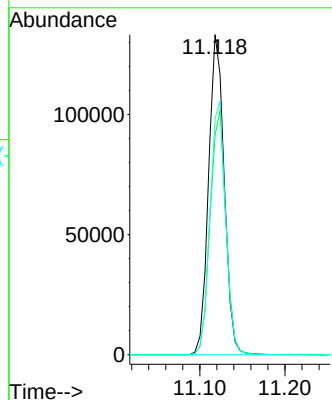
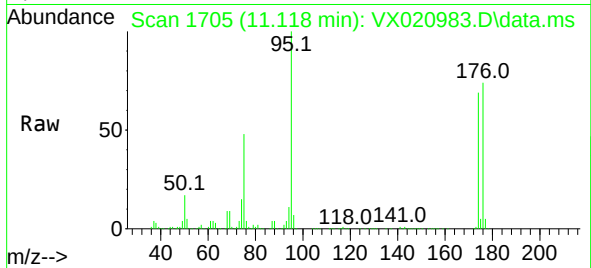




#62
4-Bromofluorobenzene
Concen: 54.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

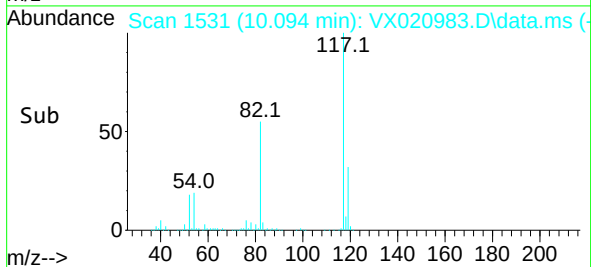
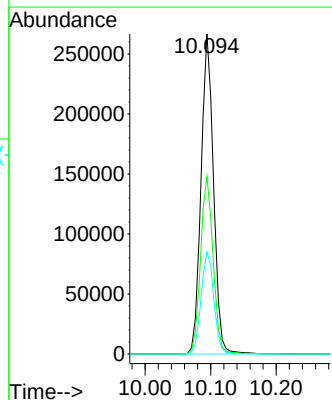
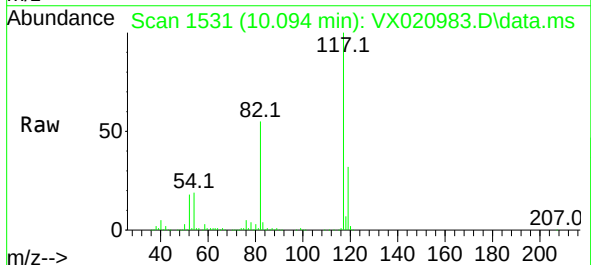
Instrument :
MSVOA_X
ClientSampled :

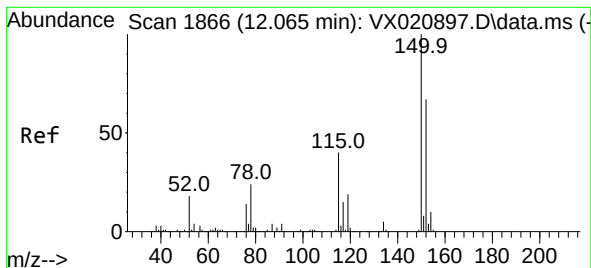
Tgt Ion: 95 Resp: 169195
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 79.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020983.D
Acq: 02 Mar 2021 22:33

Tgt Ion: 117 Resp: 353259
Ion Ratio Lower Upper
117 100
82 55.4 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: VX020983.D

Acq: 02 Mar 2021 22:33

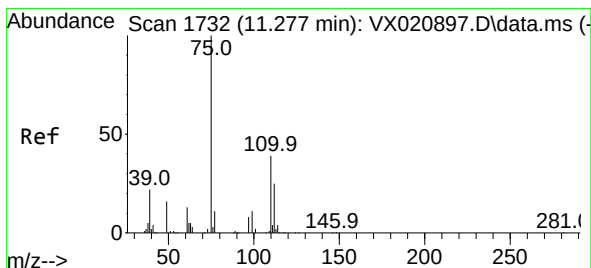
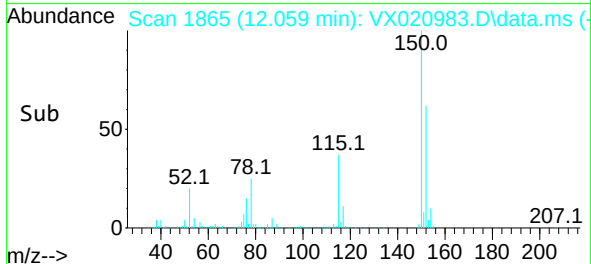
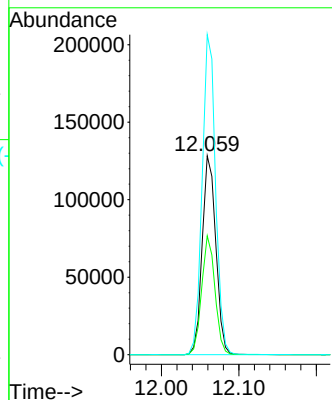
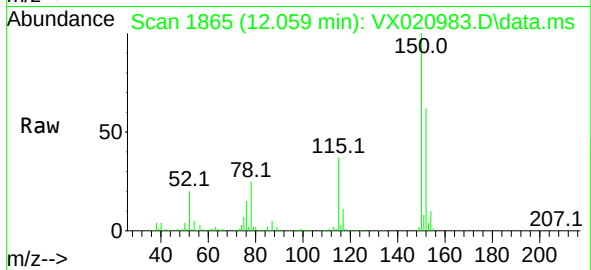
Tgt Ion:152 Resp: 156792

Ion Ratio Lower Upper

152 100

115 58.4 41.1 123.3

150 158.2 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 24.03 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. -0.159 min

Lab File: VX020983.D

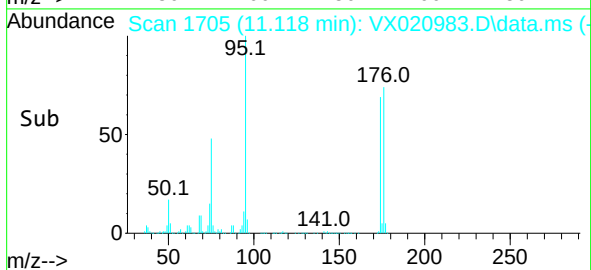
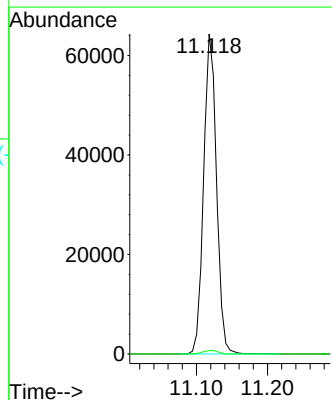
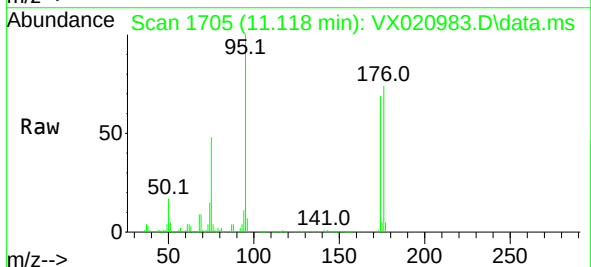
Acq: 02 Mar 2021 22:33

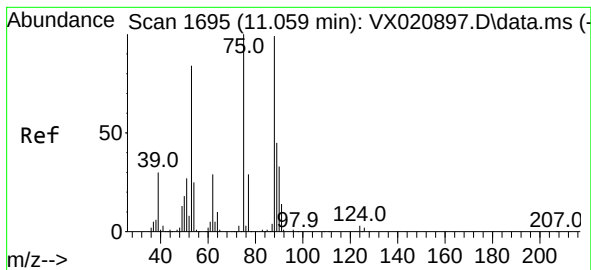
Tgt Ion: 75 Resp: 81050

Ion Ratio Lower Upper

75 100

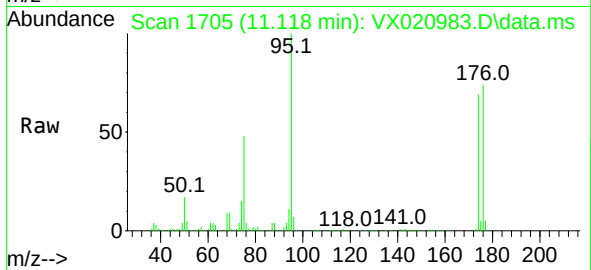
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.20 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020983.D
 Acq: 02 Mar 2021 22:33

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	81050
Ion	Ratio	Lower	Upper
75	100		
53	0.3	74.5	111.7#
89	1.5	37.9	56.9#

