

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021133.D
 Acq On : 10 Mar 2021 13:52
 Operator : JC/MD
 Sample : M1628-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 02:11:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

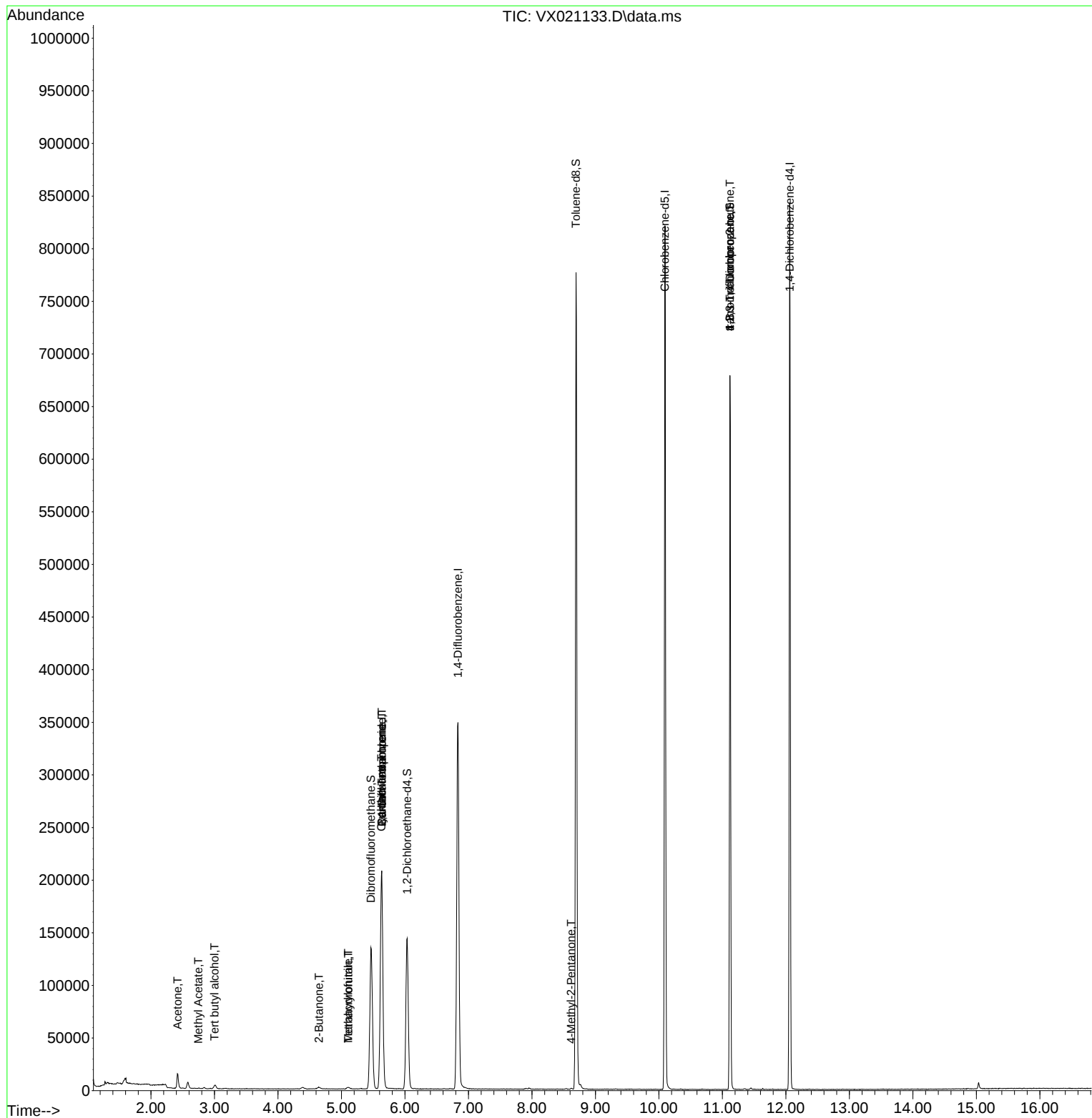
Internal Standards						
1) Pentafluorobenzene	5.635	168	201855	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	378836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	376682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	175450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	136774	50.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.32%	
35) Dibromofluoromethane	5.464	113	119614	51.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.94%	
50) Toluene-d8	8.694	98	479111	53.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.76%	
62) 4-Bromofluorobenzene	11.118	95	184646	55.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 111.28%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	330	Below Cal	#	80
11) Tert butyl alcohol	2.999	59	4109	6.77	ug/l	99
16) Acetone	2.417	43	15253	13.58	ug/l	96
18) Methyl Acetate	2.746	43	812	0.31	ug/l #	65
25) 2-Butanone	4.647	43	2428	1.42	ug/l #	84
29) Tetrahydrofuran	5.105	42	1410	1.29	ug/l	89
31) Cyclohexane	5.629	56	4052	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.635	75	15254	4.24	ug/l #	48
38) Carbon Tetrachloride	5.635	117	18904	5.42	ug/l #	17
41) Methacrylonitrile	5.105	41	998	0.52	ug/l #	41
51) 4-Methyl-2-Pentanone	8.618	43	789	0.23	ug/l #	84
76) 1,2,3-Trichloropropane	11.118	75	87770	23.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87770	51.48	ug/l #	12

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

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

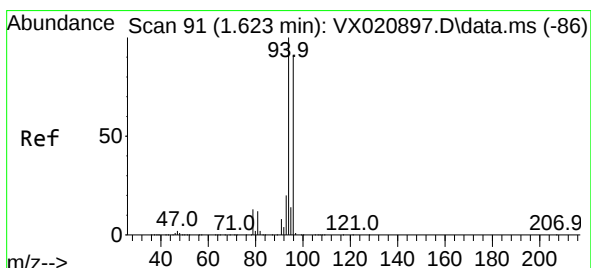
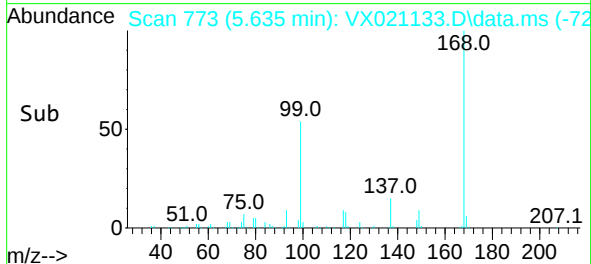
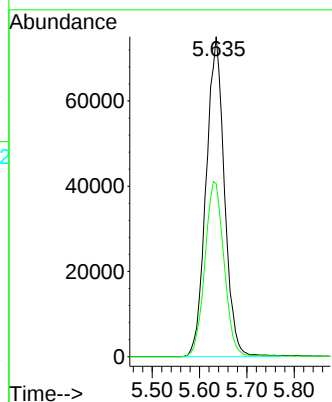
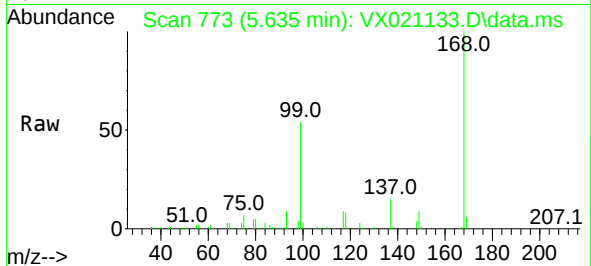




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

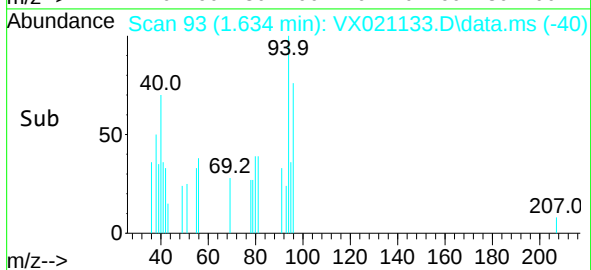
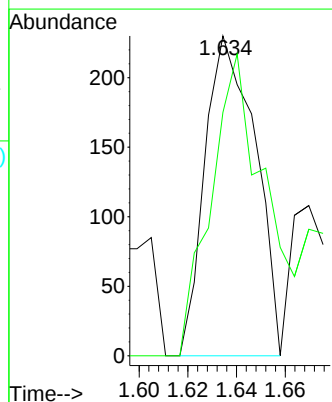
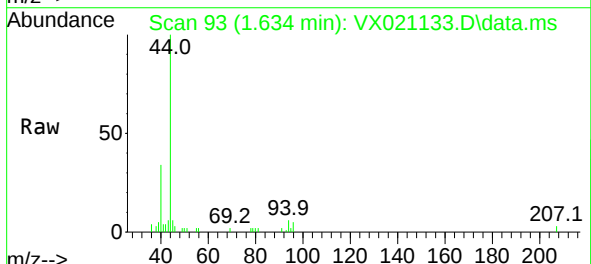
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 201855
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 76.1 76.4 114.6#

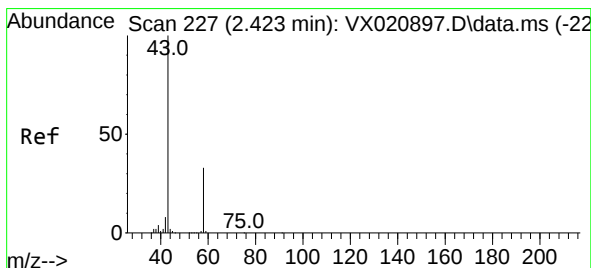
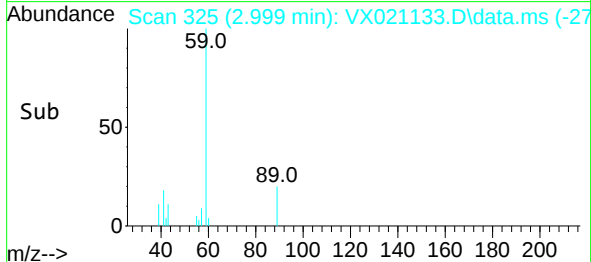
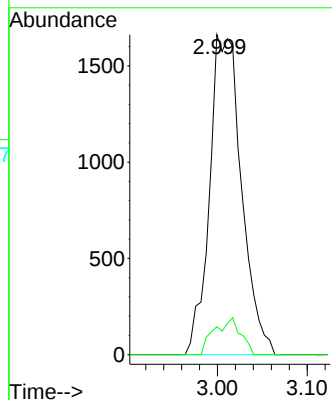
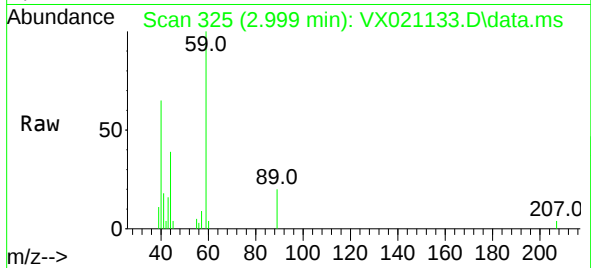




#11
Tert butyl alcohol
Concen: 6.77 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

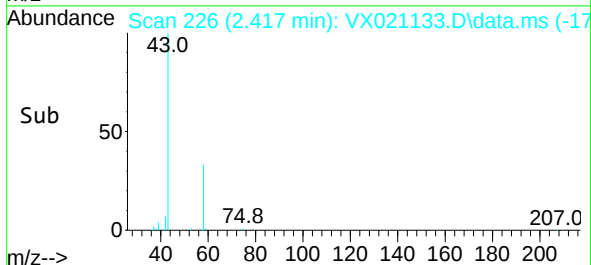
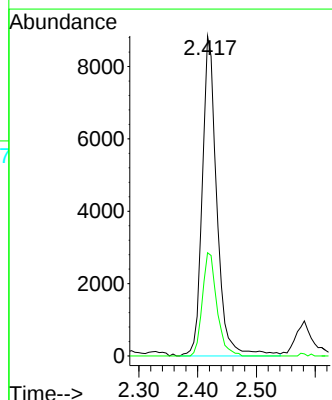
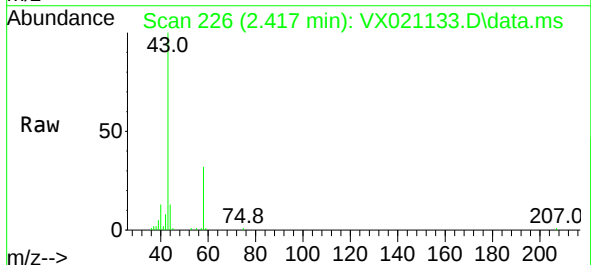
Instrument :
MSVOA_X
ClientSampled :

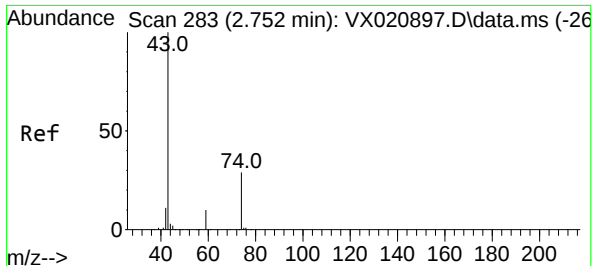
Tgt Ion: 59 Resp: 4109
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8



#16
Acetone
Concen: 13.58 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

Tgt Ion: 43 Resp: 15253
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8





#18

Methyl Acetate

Concen: 0.31 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX021133.D

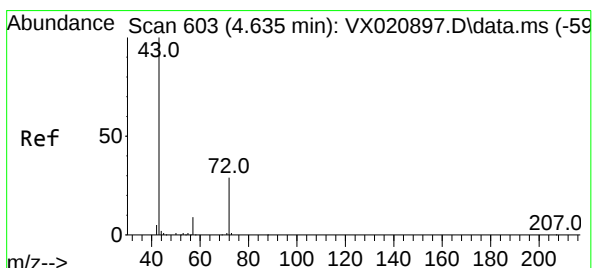
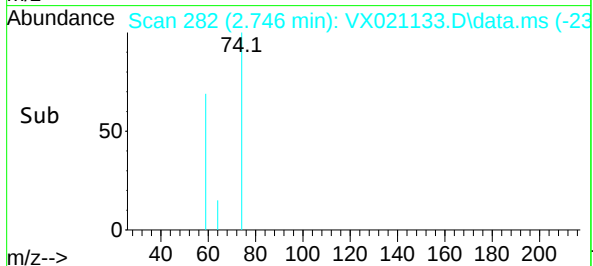
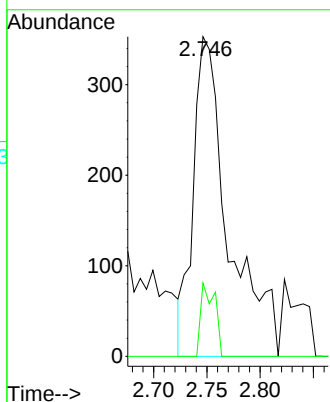
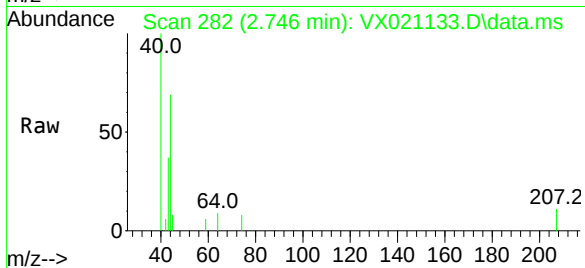
Acq: 10 Mar 2021 13:52

Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

74 9.1 21.9 32.9#



#25

2-Butanone

Concen: 1.42 ug/l

RT: 4.647 min Scan# 605

Delta R.T. 0.012 min

Lab File: VX021133.D

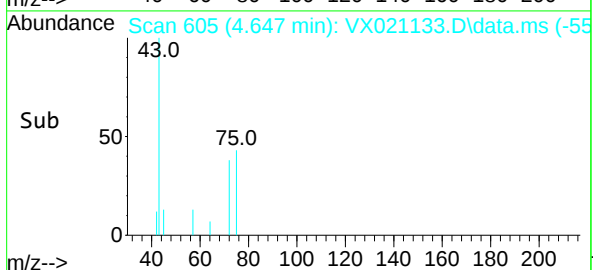
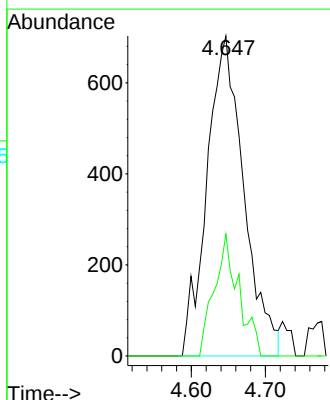
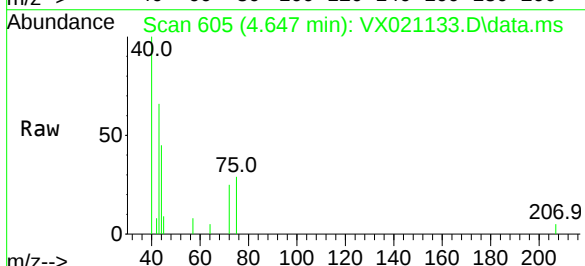
Acq: 10 Mar 2021 13:52

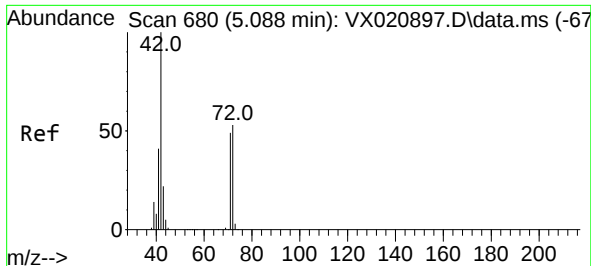
Tgt Ion: 43 Resp: 2428

Ion Ratio Lower Upper

43 100

72 38.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.29 ug/l

RT: 5.105 min Scan# 683

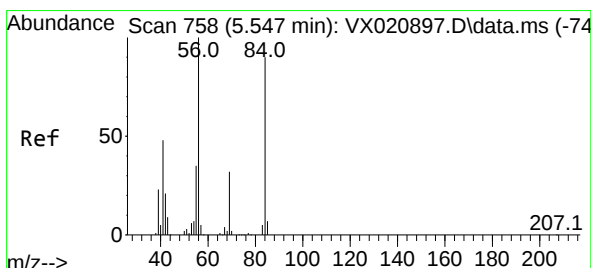
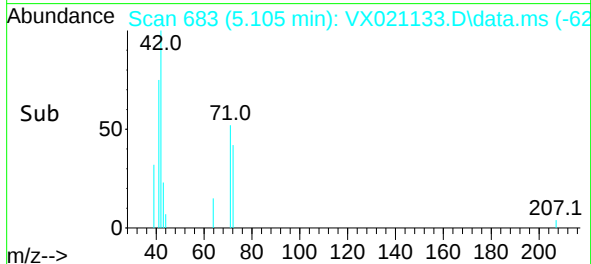
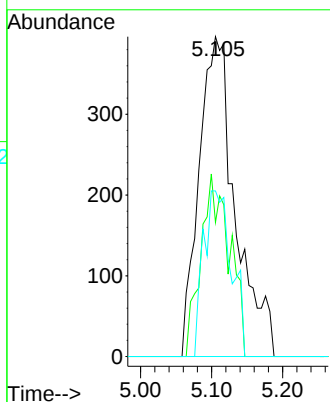
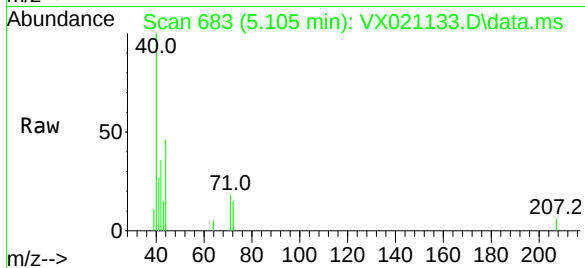
Delta R.T. 0.018 min

Lab File: VX021133.D

Acq: 10 Mar 2021 13:52

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	42	Resp:	1410
Ion	Ratio	Lower	Upper
42	100		
72	44.9	41.7	62.5
71	39.8	38.4	57.6



#31

Cyclohexane

Concen: 1.03 ug/l

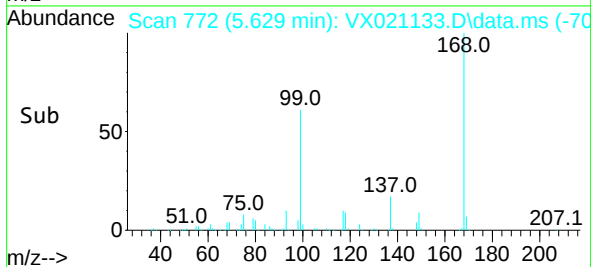
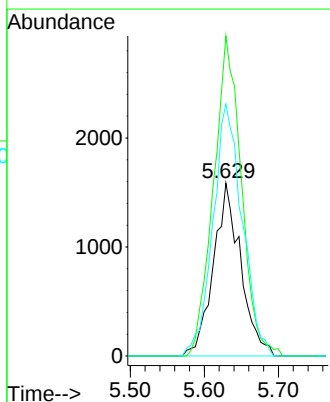
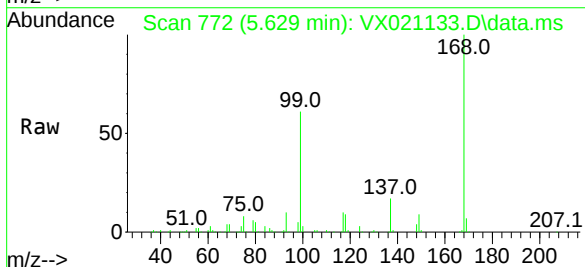
RT: 5.629 min Scan# 772

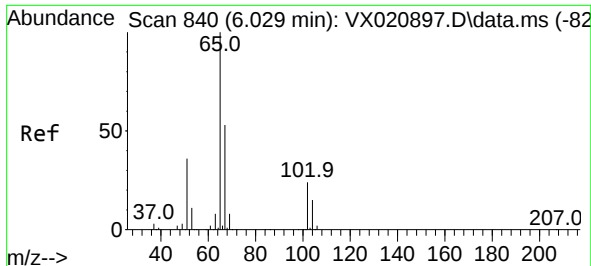
Delta R.T. 0.082 min

Lab File: VX021133.D

Acq: 10 Mar 2021 13:52

Tgt Ion:	56	Resp:	4052
Ion	Ratio	Lower	Upper
56	100		
69	185.1	25.3	37.9#
84	145.6	71.4	107.0#

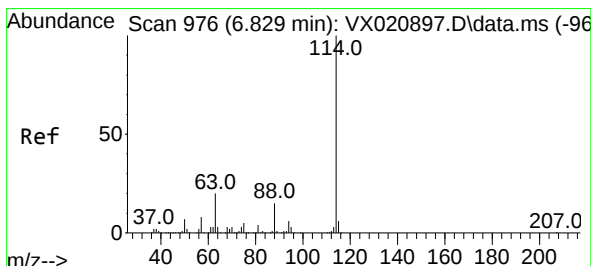
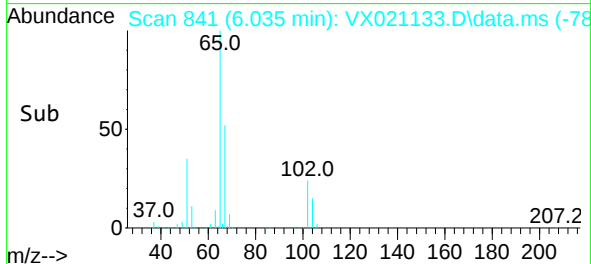
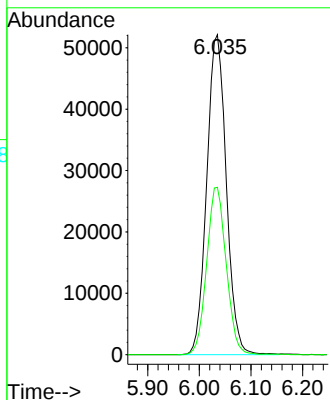
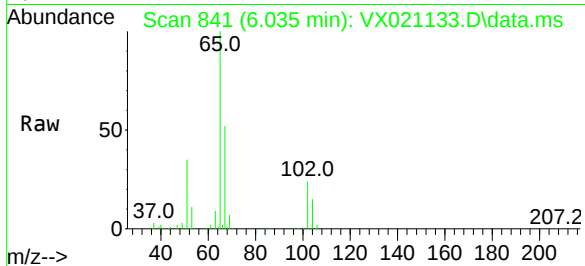




#33
 1,2-Dichloroethane-d4
 Concen: 50.16 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021133.D
 Acq: 10 Mar 2021 13:52

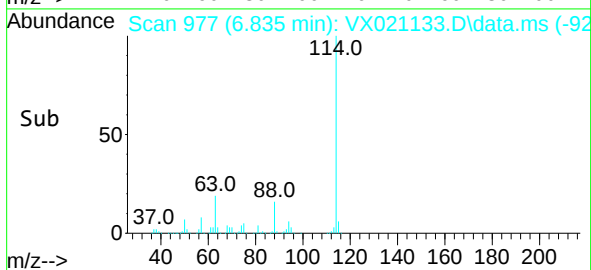
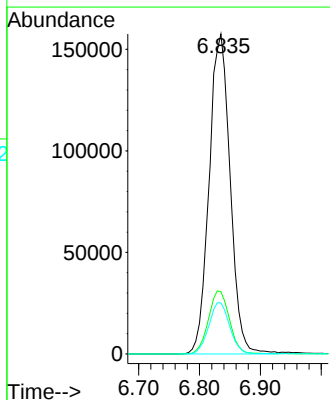
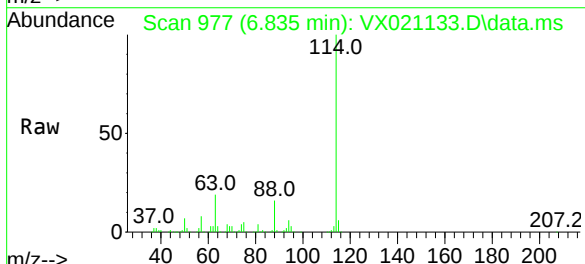
Instrument :
 MSVOA_X
 ClientSampleId :

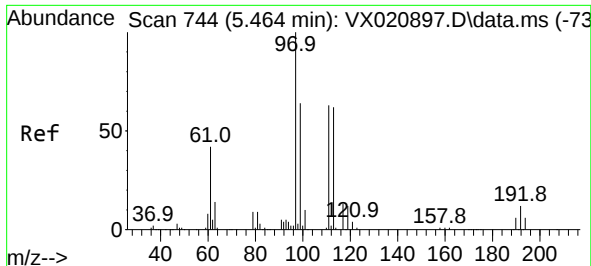
Tgt Ion: 65 Resp: 136774
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.835 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VX021133.D
 Acq: 10 Mar 2021 13:52

Tgt Ion: 114 Resp: 378836
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.9 0.0 32.8

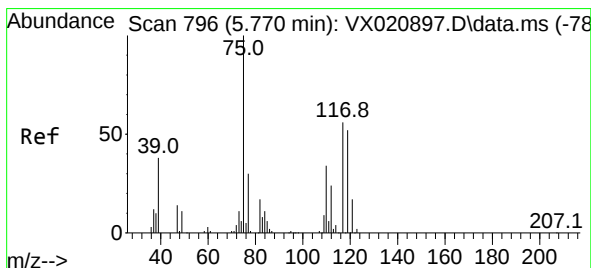
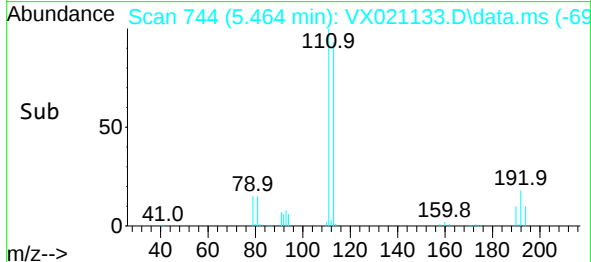
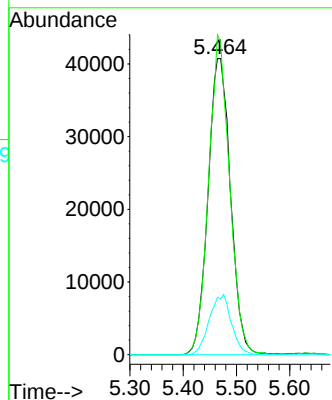
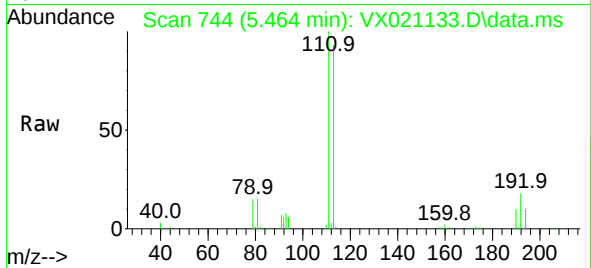




#35
Dibromofluoromethane
Concen: 51.97 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

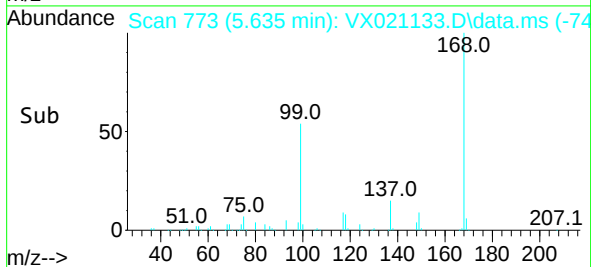
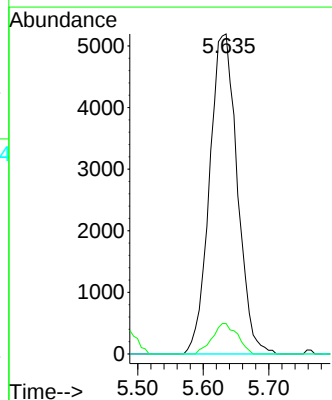
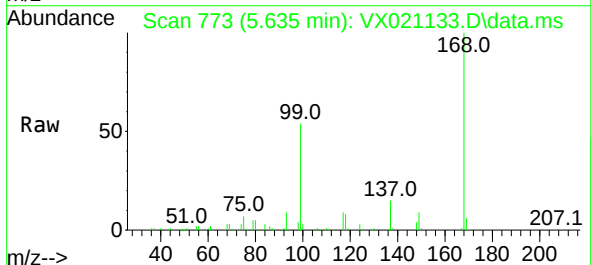
Instrument :
MSVOA_X
ClientSampled :

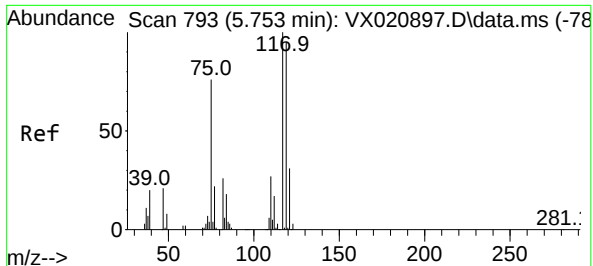
Tgt Ion:113 Resp: 119614
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

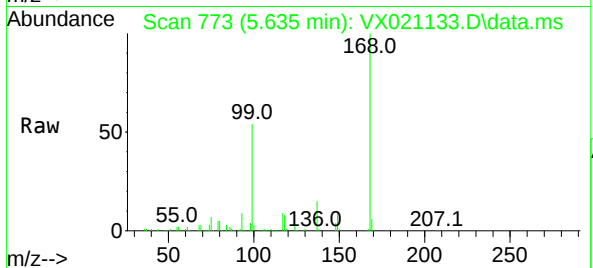
Tgt Ion: 75 Resp: 15254
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



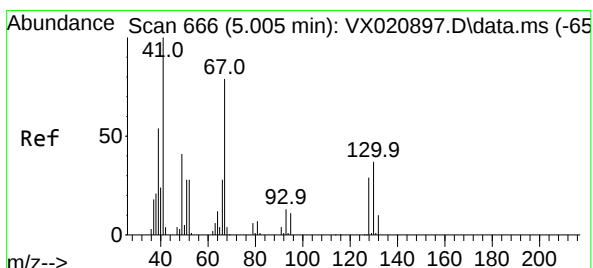
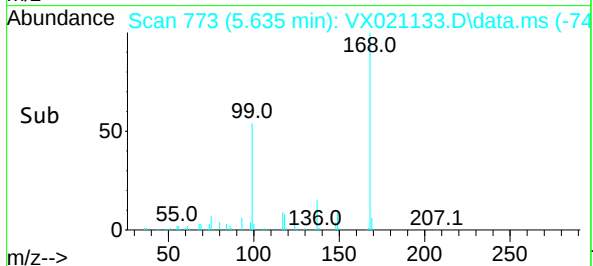
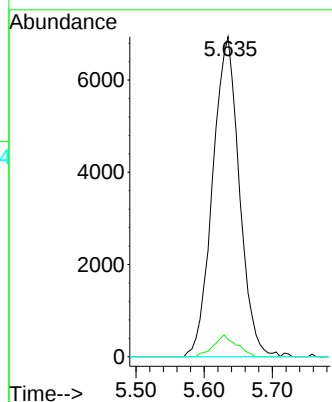


#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

Instrument :
MSVOA_X
ClientSampleId :

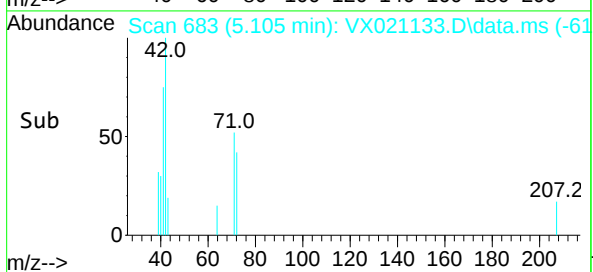
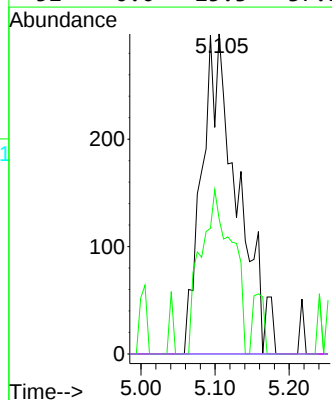
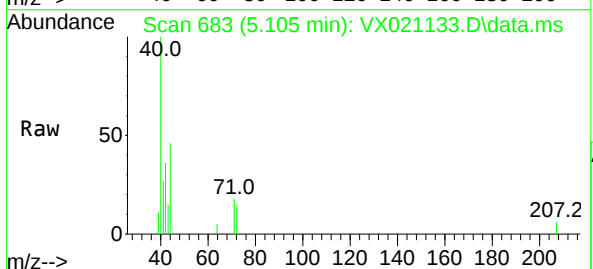


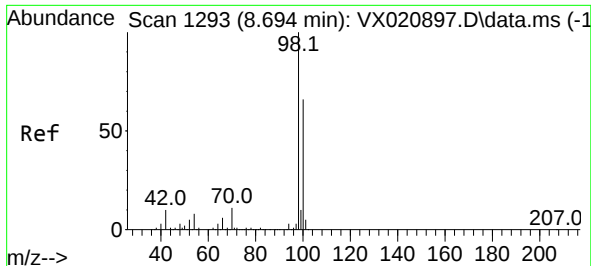
Tgt Ion: 117 Resp: 18904
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.52 ug/l
RT: 5.105 min Scan# 683
Delta R.T. 0.100 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

Tgt Ion: 41 Resp: 998
Ion Ratio Lower Upper
41 100
39 45.2 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

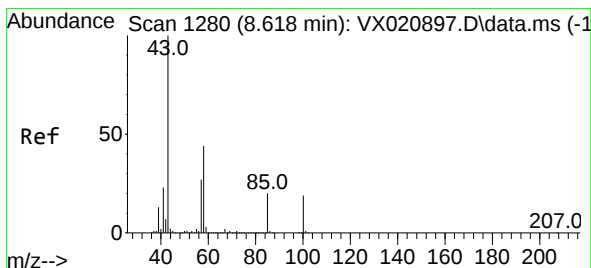
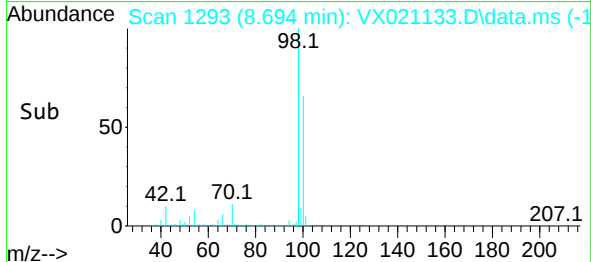
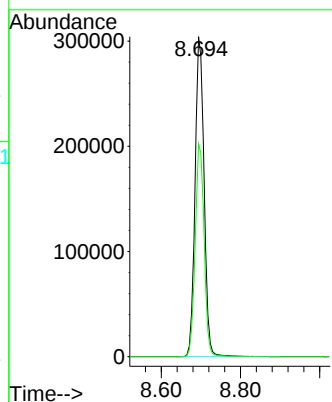
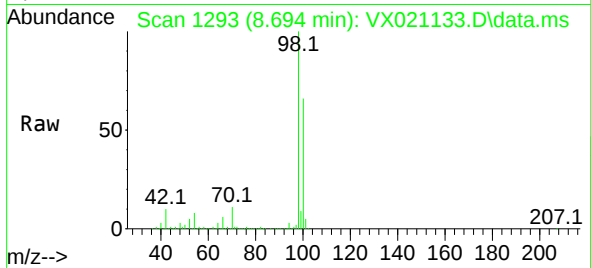




#50
Toluene-d8
Concen: 53.38 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

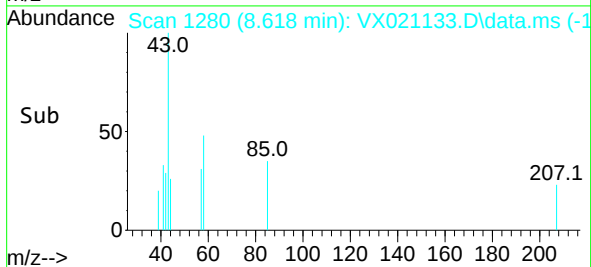
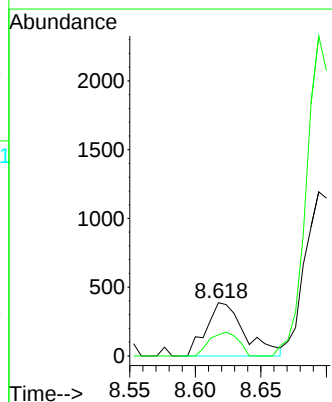
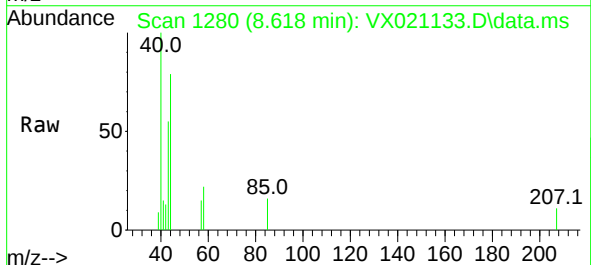
Instrument :
MSVOA_X
ClientSampled :

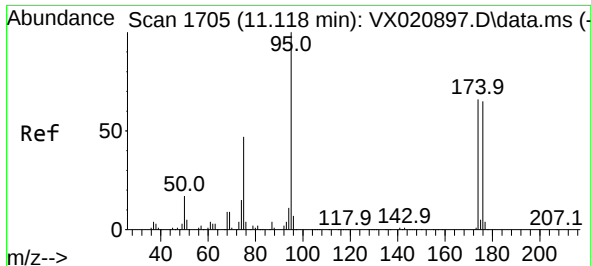
Tgt Ion: 98 Resp: 479111
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 33.6 35.4 53.0#

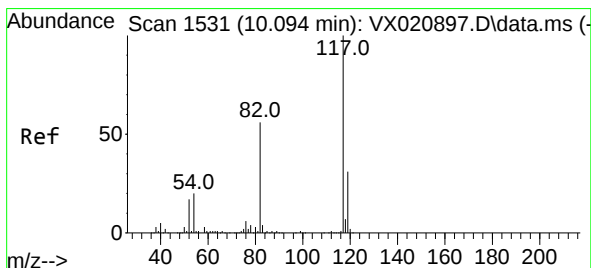
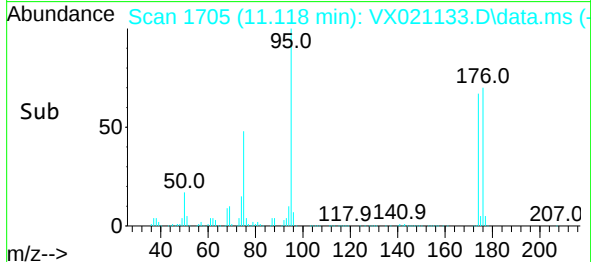
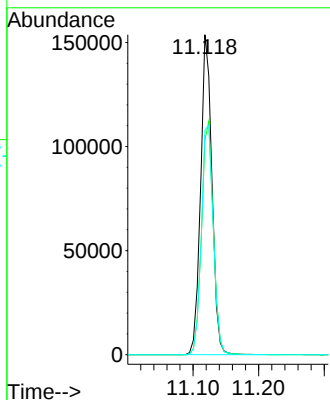
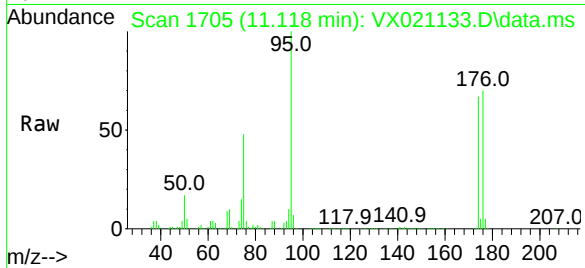




#62
4-Bromofluorobenzene
Concen: 55.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

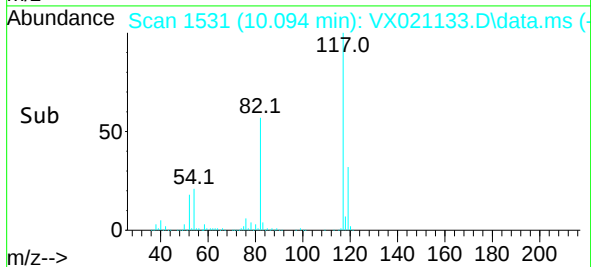
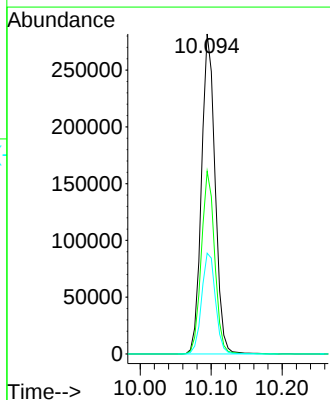
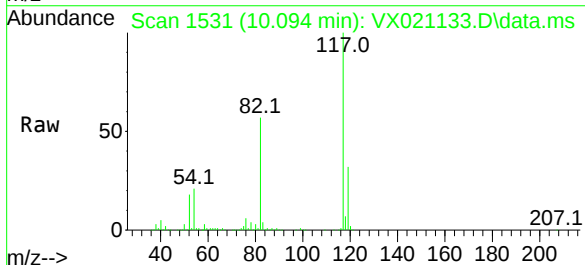
Instrument :
MSVOA_X
ClientSampled :

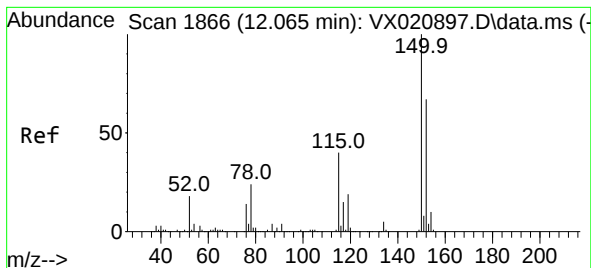
Tgt Ion: 95 Resp: 184646
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021133.D
Acq: 10 Mar 2021 13:52

Tgt Ion: 117 Resp: 376682
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.5 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: VX021133.D

Acq: 10 Mar 2021 13:52

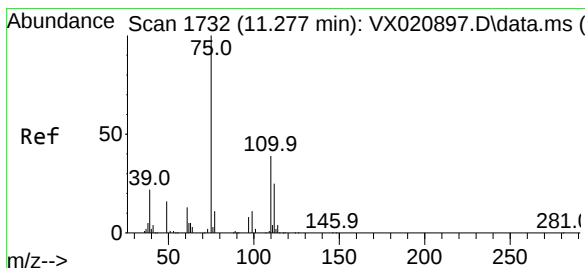
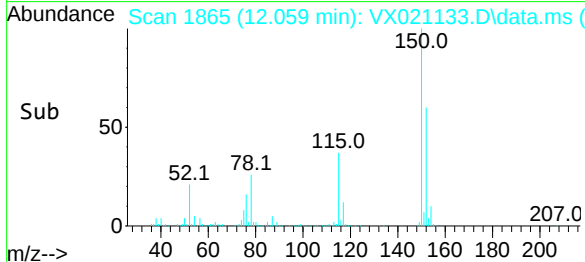
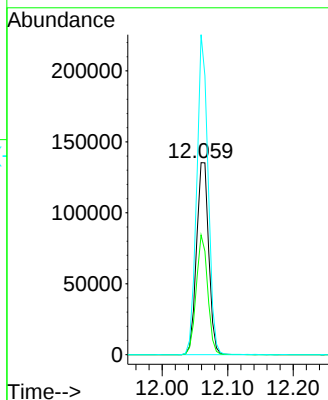
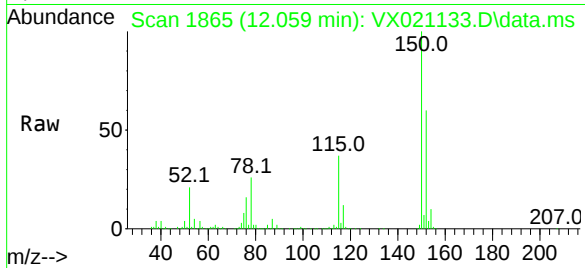
Tgt Ion:152 Resp: 175450

Ion Ratio Lower Upper

152 100

115 58.6 41.1 123.3

150 155.4 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 23.25 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. -0.159 min

Lab File: VX021133.D

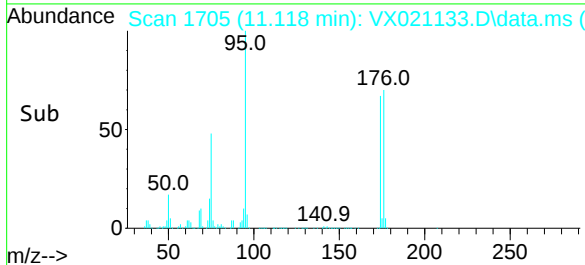
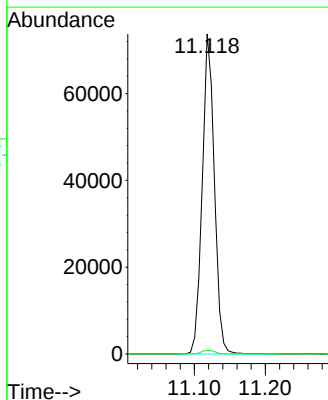
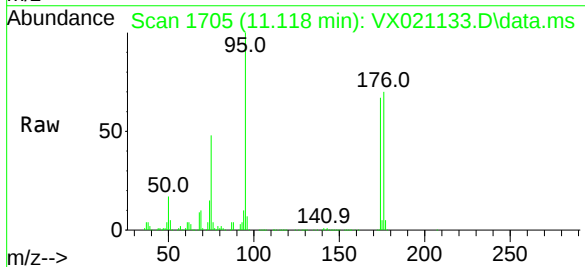
Acq: 10 Mar 2021 13:52

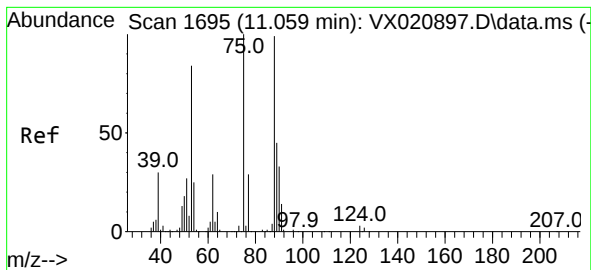
Tgt Ion: 75 Resp: 87770

Ion Ratio Lower Upper

75 100

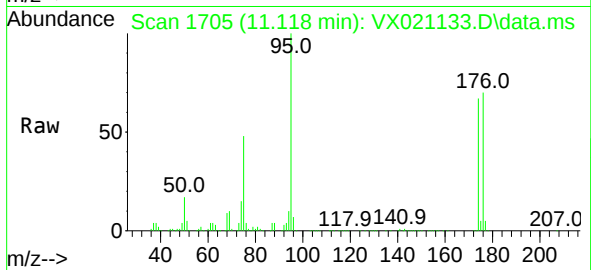
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.48 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021133.D
 Acq: 10 Mar 2021 13:52

Instrument :
 MSVOA_X
 ClientSampleId :



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

