

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021033.D
 Acq On : 05 Mar 2021 14:43
 Operator : JC/MD
 Sample : M1584-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-758-760

Quant Time: Mar 05 23:58:35 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	214205	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	405921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	388522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	170826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	143917	49.74	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.48%
35) Dibromofluoromethane	5.470	113	123436	50.05	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.10%
50) Toluene-d8	8.694	98	498692	51.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.72%
62) 4-Bromofluorobenzene	11.118	95	193096	54.31	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.62%
Target Compounds						
5) Bromomethane	1.640	94	462	Below Cal	#	76
9) 1,1,2-Trichlorotrifluo...	2.370	101	2976	1.29	ug/l	99
11) Tert butyl alcohol	2.993	59	597	0.93	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	916	0.38	ug/l	92
16) Acetone	2.417	43	3962	3.32	ug/l	100
18) Methyl Acetate	2.752	43	594	0.21	ug/l #	63
25) 2-Butanone	4.641	43	1107	0.61	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	908	0.29	ug/l	97
30) Chloroform	5.188	83	3584	0.77	ug/l	100
36) 1,1-Dichloropropene	5.635	75	16160	4.19	ug/l #	48
38) Carbon Tetrachloride	5.753	117	3767	1.01	ug/l	93
44) Trichloroethene	7.194	130	63347	20.83	ug/l	97
49) 1,4-Dioxane	7.723	88	95	1.30	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	91712	24.96	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	91712	55.25	ug/l #	12

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

Quant Time: Mar 05 23:58:35 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

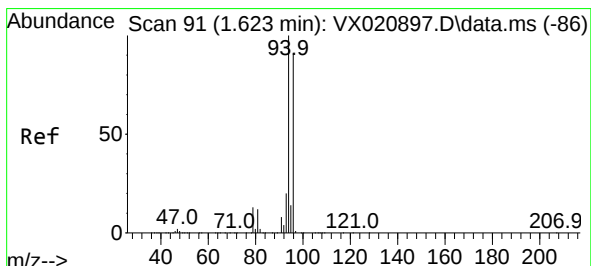
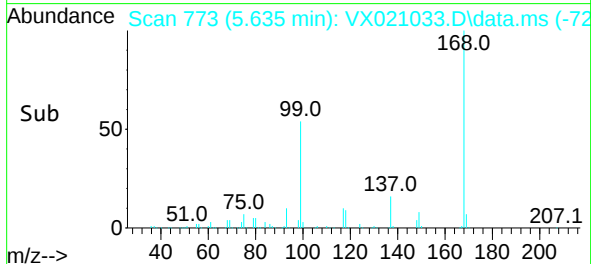
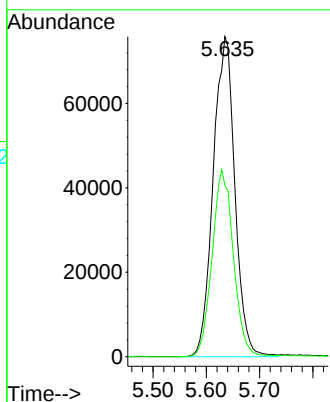
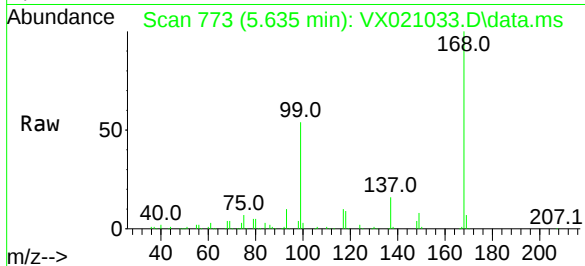




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

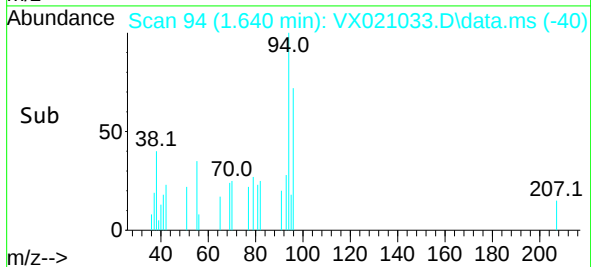
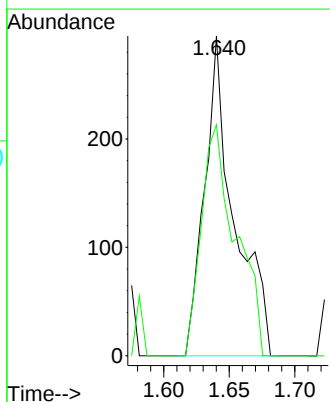
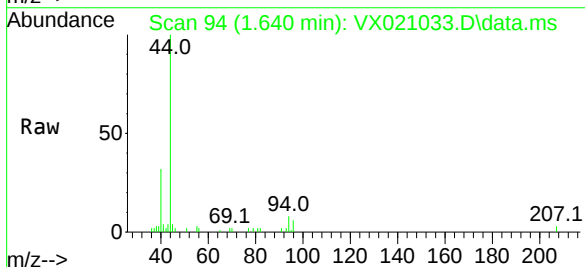
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-758-760

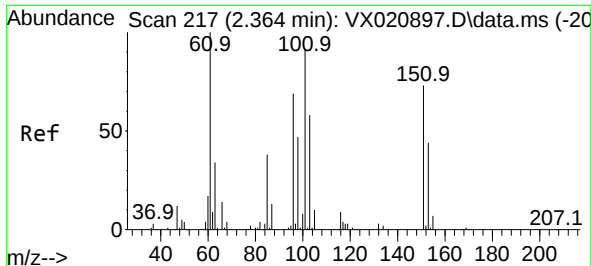
Tgt Ion:168 Resp: 214205
Ion Ratio Lower Upper
168 100
99 53.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

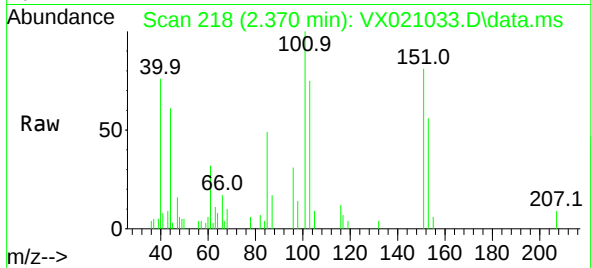
Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 72.2 76.4 114.6#



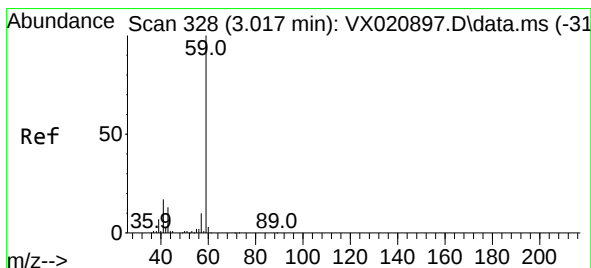
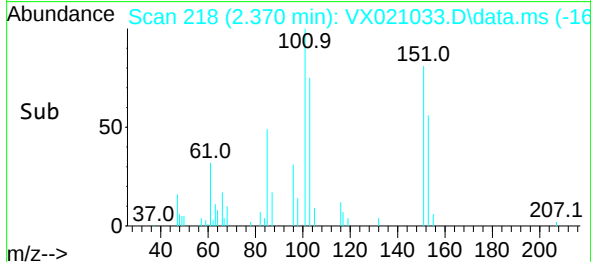
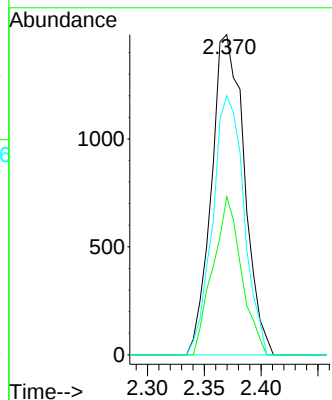


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.29 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-758-760

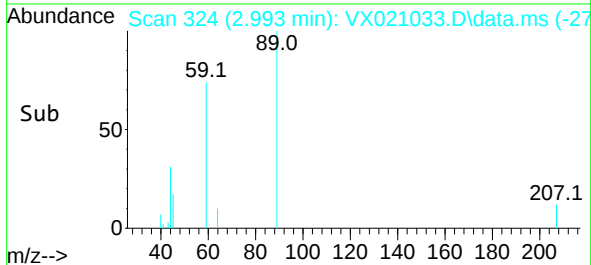
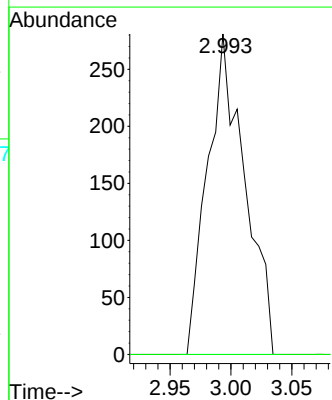
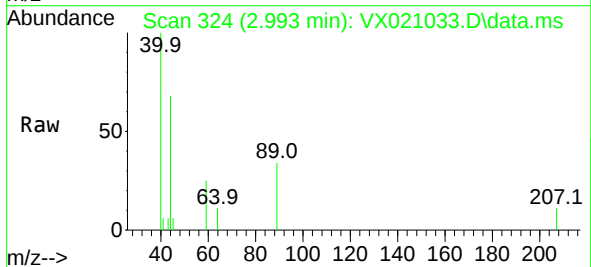


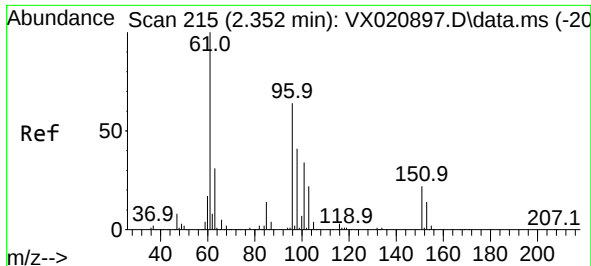
Tgt Ion:101 Resp: 2976
Ion Ratio Lower Upper
101 100
85 43.0 34.9 52.3
151 77.4 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.93 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

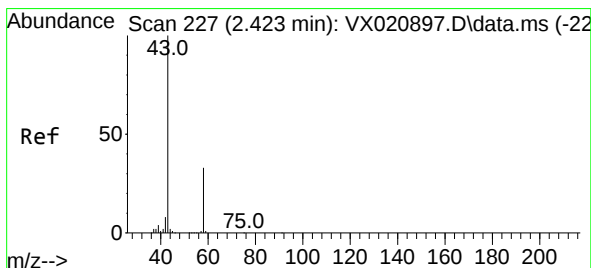
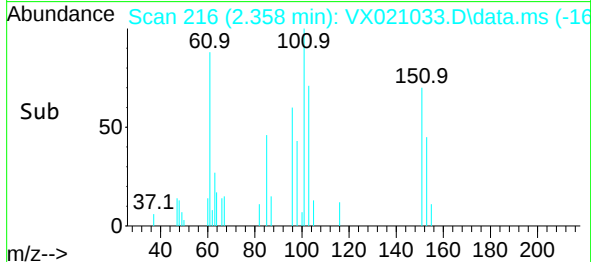
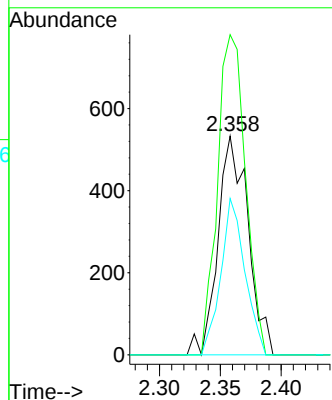
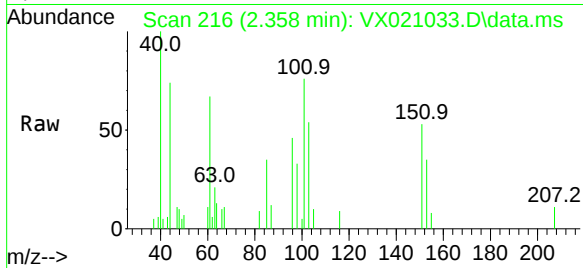




#12
1,1-Dichloroethene
Concen: 0.38 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

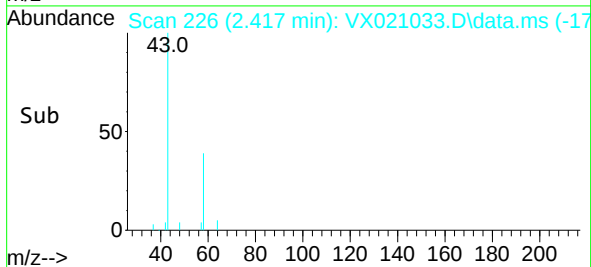
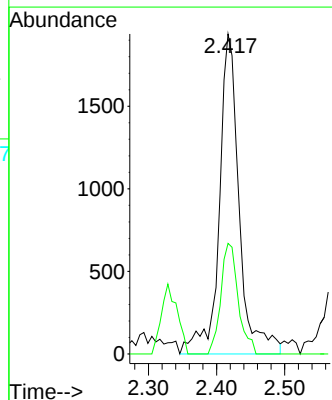
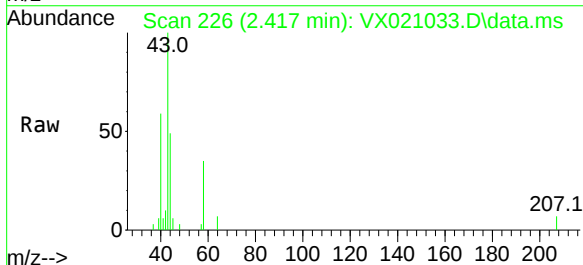
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-758-760

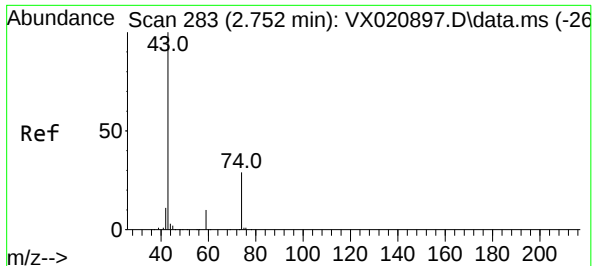
Tgt Ion: 96 Resp: 916
Ion Ratio Lower Upper
96 100
61 146.3 124.6 187.0
98 71.5 50.6 76.0



#16
Acetone
Concen: 3.32 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Tgt Ion: 43 Resp: 3962
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8





#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021033.D

Acq: 05 Mar 2021 14:43

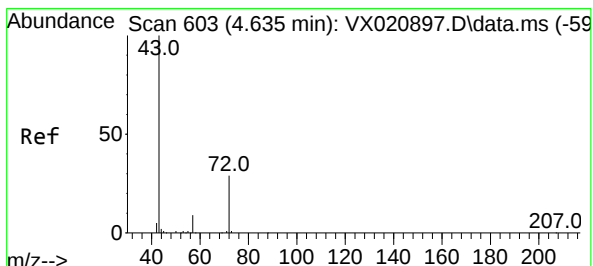
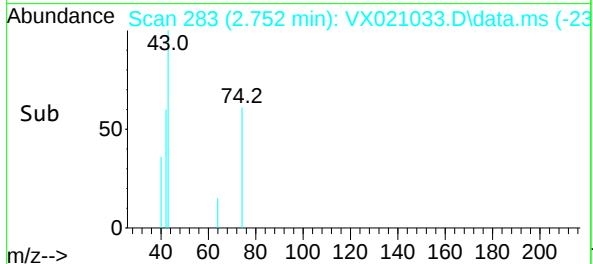
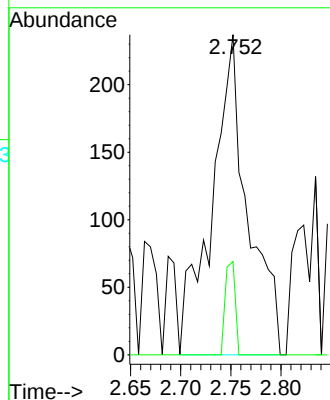
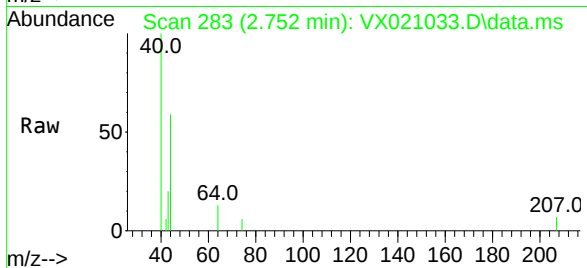
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW6-GW-758-760

Tgt Ion: 43 Resp: 594
 Ion Ratio Lower Upper
 43 100
 74 7.9 21.9 32.9#



#25

2-Butanone

Concen: 0.61 ug/l

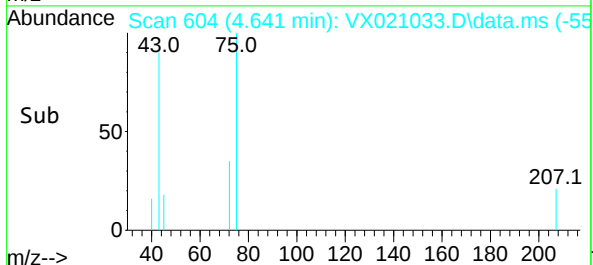
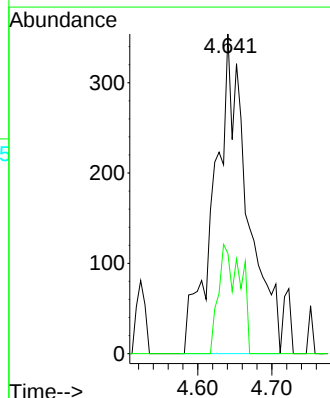
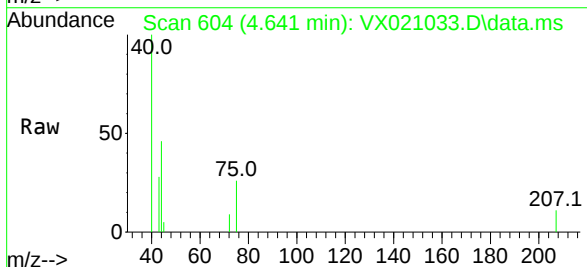
RT: 4.641 min Scan# 604

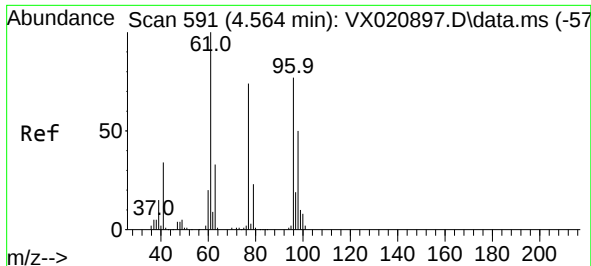
Delta R.T. 0.006 min

Lab File: VX021033.D

Acq: 05 Mar 2021 14:43

Tgt Ion: 43 Resp: 1107
 Ion Ratio Lower Upper
 43 100
 72 31.4 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.29 ug/l

RT: 4.558 min Scan# 590

Delta R.T. -0.006 min

Lab File: VX021033.D

Acq: 05 Mar 2021 14:43

Tgt Ion: 96 Resp: 908

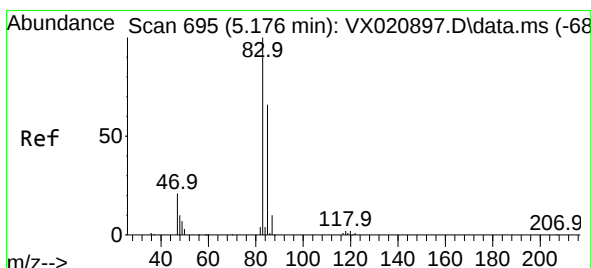
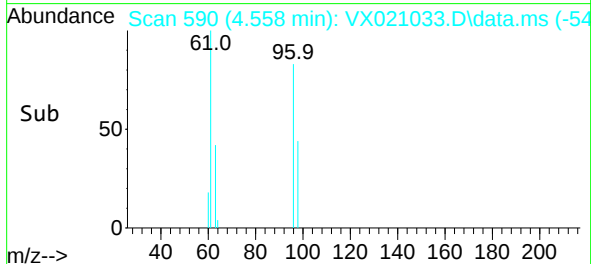
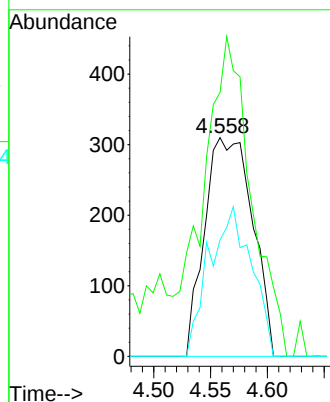
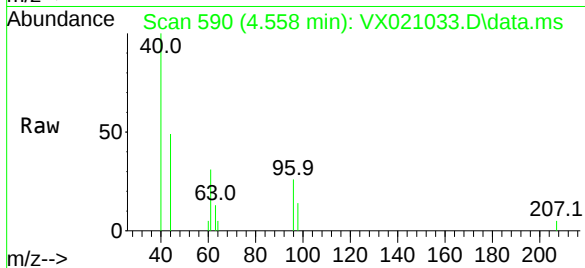
Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	285.6
98	60.5	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW6-GW-758-760



#30

Chloroform

Concen: 0.77 ug/l

RT: 5.188 min Scan# 697

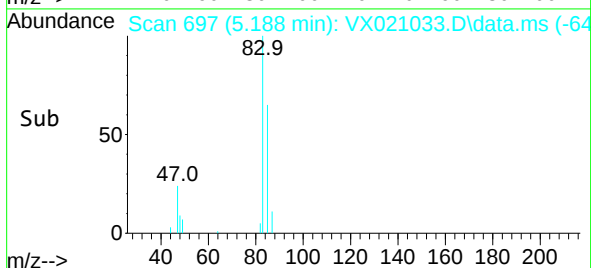
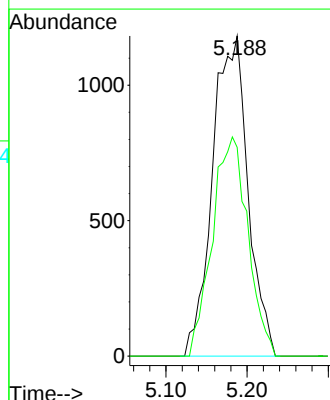
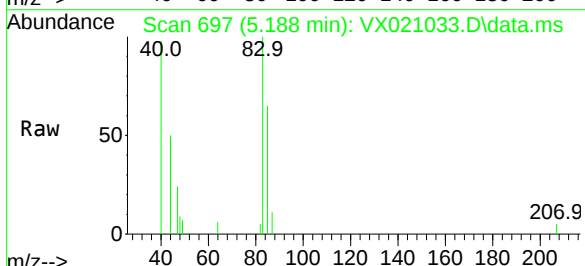
Delta R.T. 0.012 min

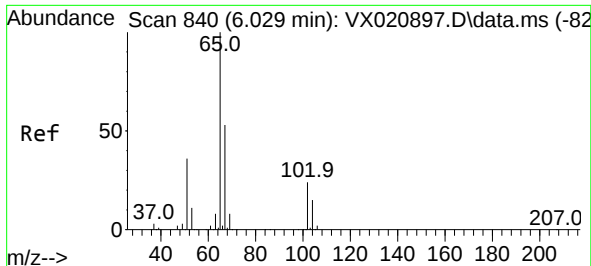
Lab File: VX021033.D

Acq: 05 Mar 2021 14:43

Tgt Ion: 83 Resp: 3584

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





#33

1,2-Dichloroethane-d4

Concen: 49.74 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021033.D

Acq: 05 Mar 2021 14:43

Tgt Ion: 65 Resp: 143917

Ion Ratio Lower Upper

65 100

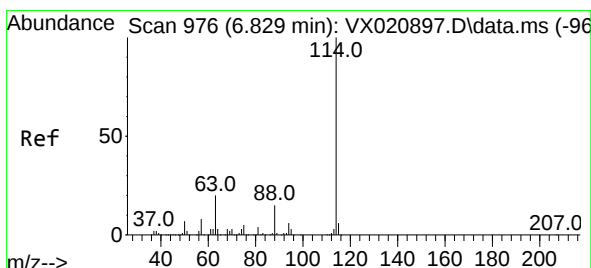
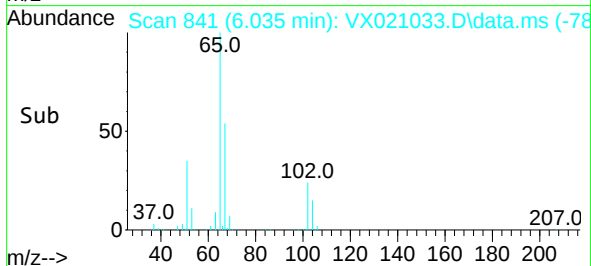
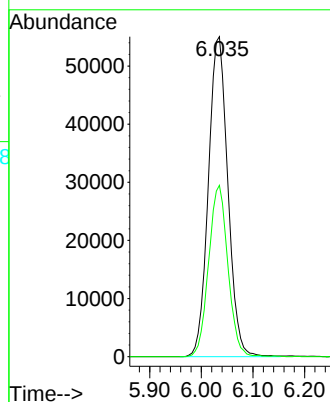
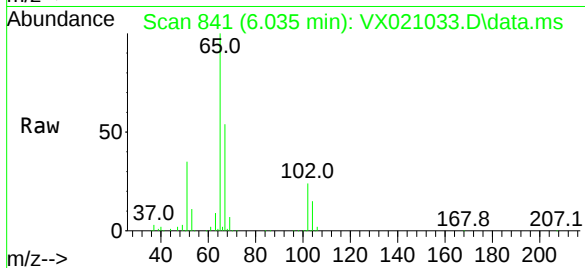
67 53.0 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW6-GW-758-760



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021033.D

Acq: 05 Mar 2021 14:43

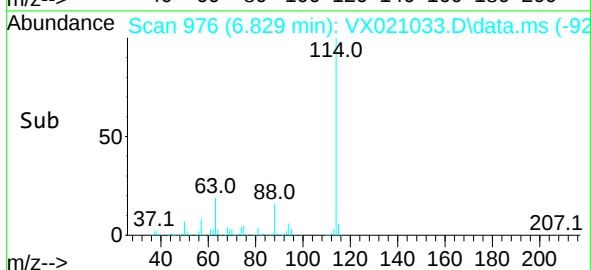
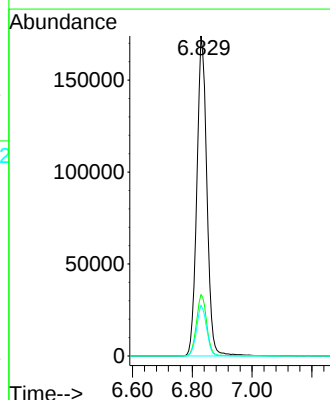
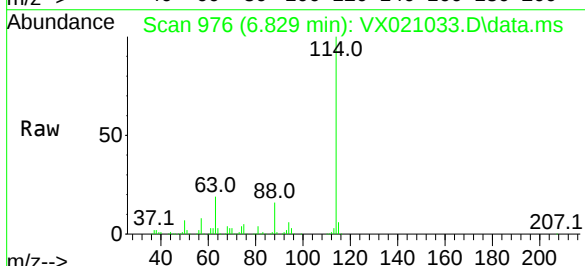
Tgt Ion: 114 Resp: 405921

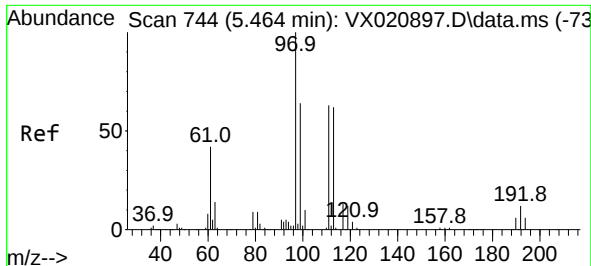
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

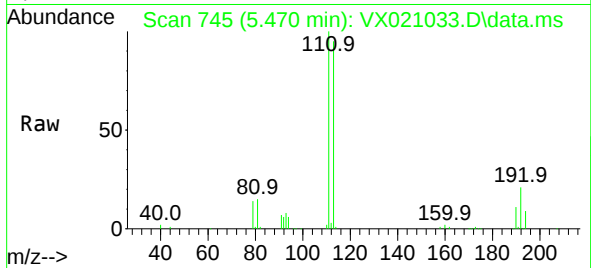
88 15.8 0.0 32.8



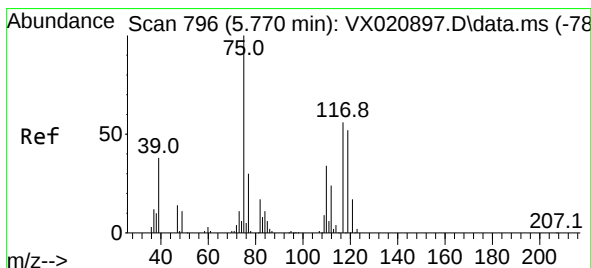
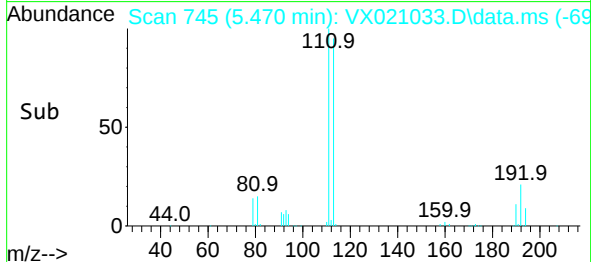
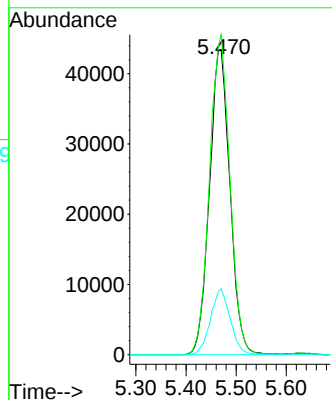


#35
Dibromofluoromethane
Concen: 50.05 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Instrument :
MSVOA_X
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BP-TT-VPB-RW6-GW-758-760

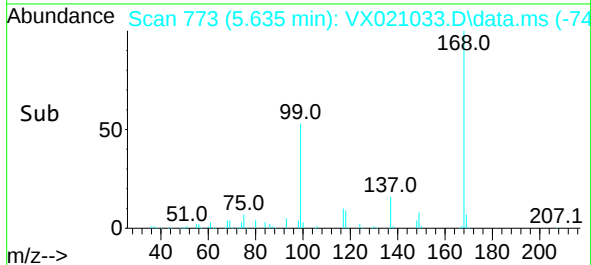
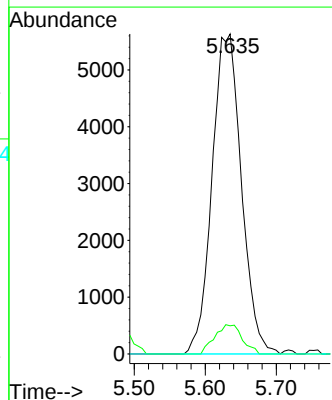
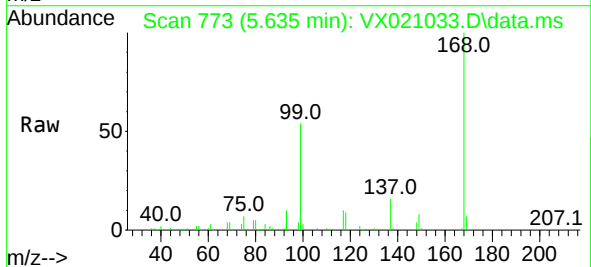


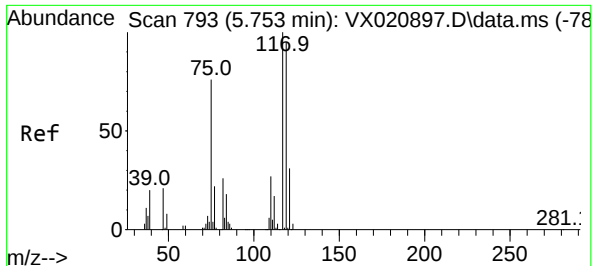
Tgt Ion:113 Resp: 123436
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Tgt Ion: 75 Resp: 16160
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#

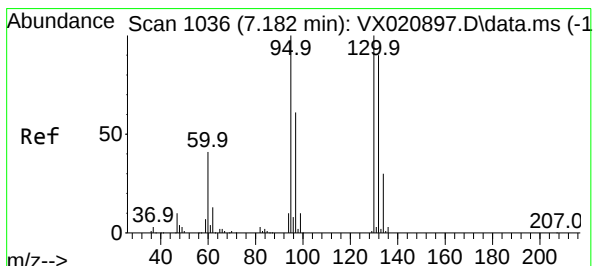
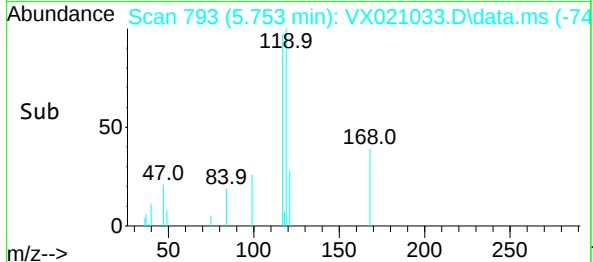
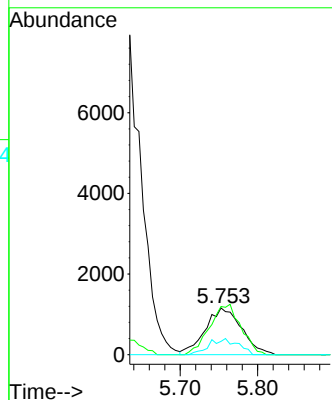
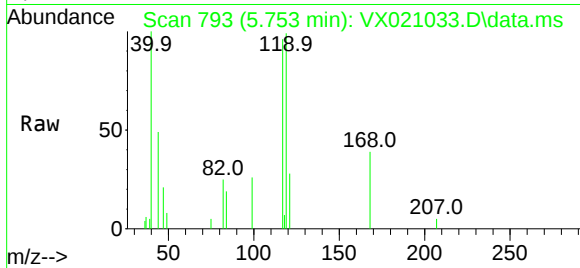




#38
Carbon Tetrachloride
Concen: 1.01 ug/l
RT: 5.753 min Scan# 793
Delta R.T. -0.000 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

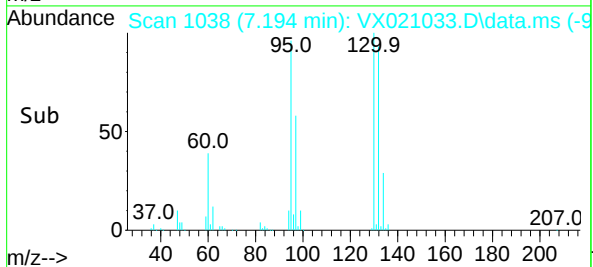
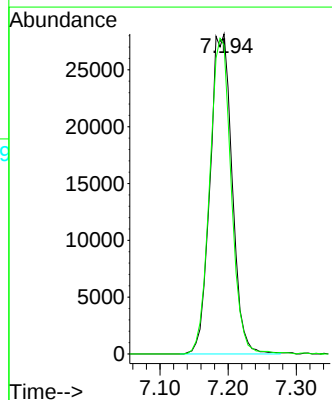
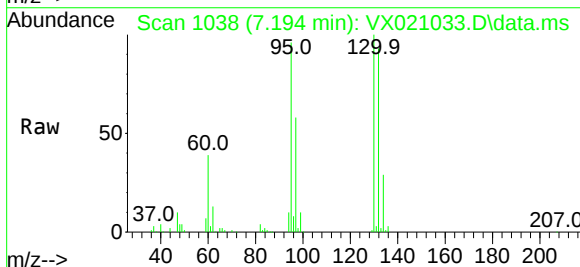
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-758-760

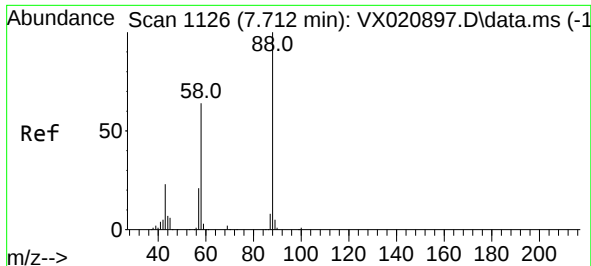
Tgt Ion:117 Resp: 3767
Ion Ratio Lower Upper
117 100
119 103.1 76.2 114.2
121 28.5 24.8 37.2



#44
Trichloroethene
Concen: 20.83 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

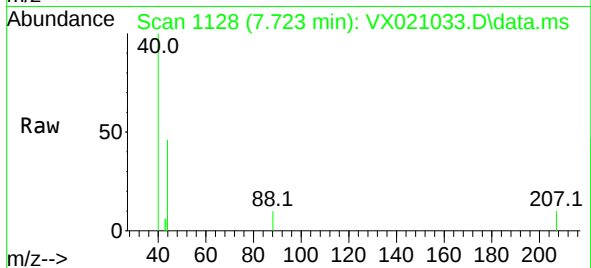
Tgt Ion:130 Resp: 63347
Ion Ratio Lower Upper
130 100
95 96.5 0.0 198.0



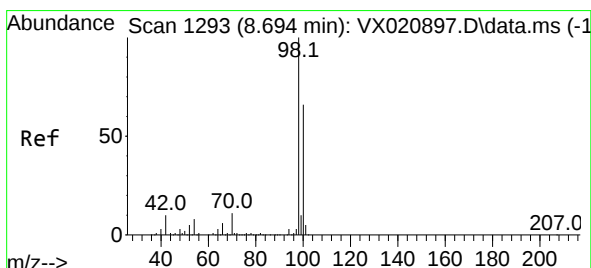
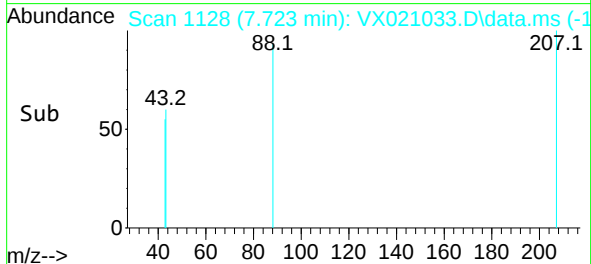
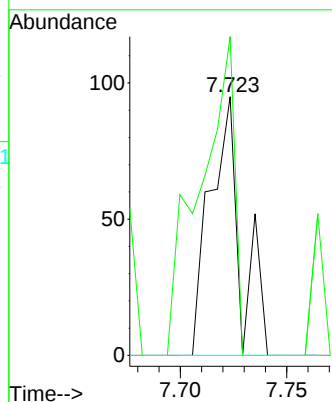


#49
1,4-Dioxane
Concen: 1.30 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-758-760

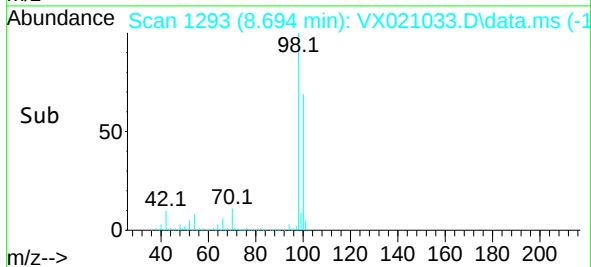
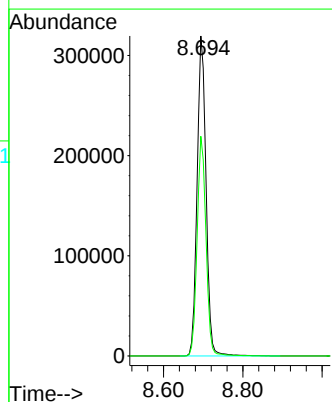
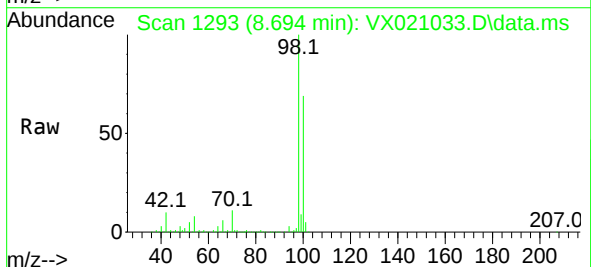


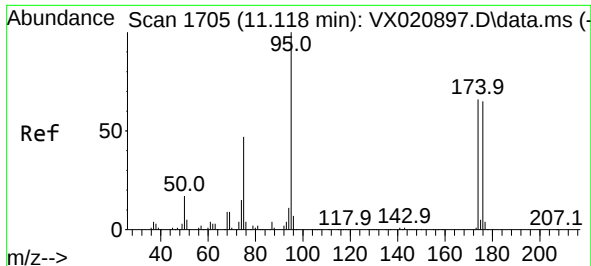
Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
43 140.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 51.86 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Tgt Ion: 98 Resp: 498692
Ion Ratio Lower Upper
98 100
100 68.2 51.9 77.9

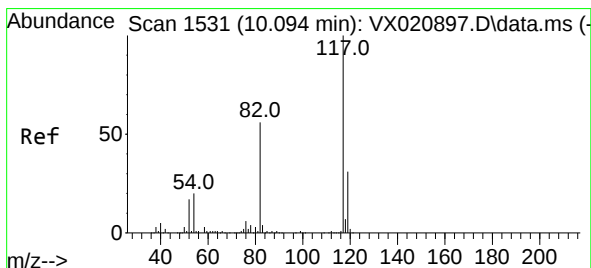
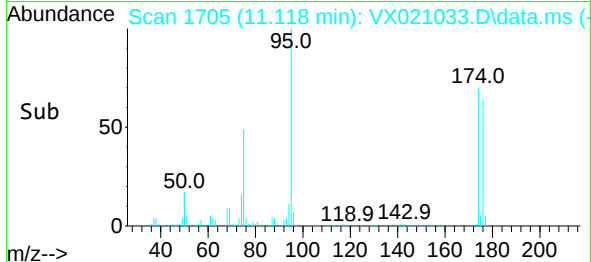
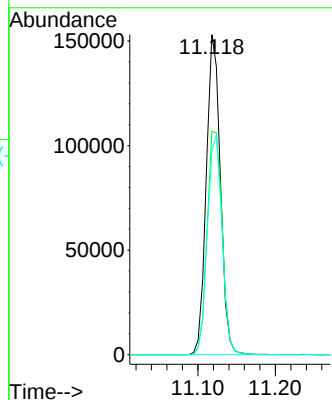
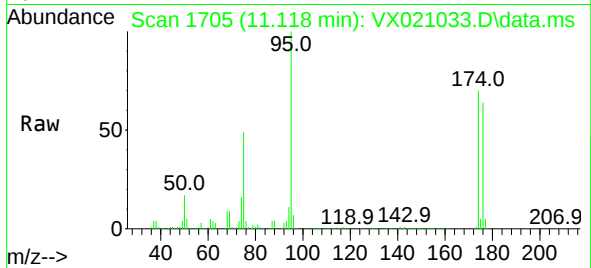




#62
4-Bromofluorobenzene
Concen: 54.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

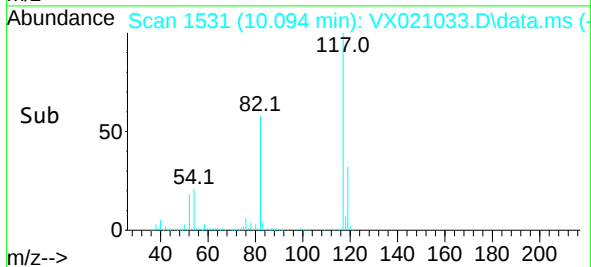
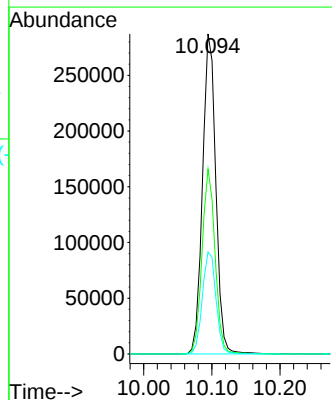
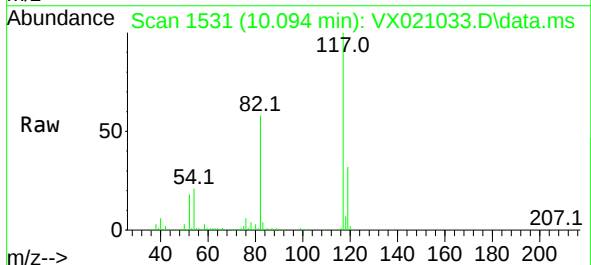
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-758-760

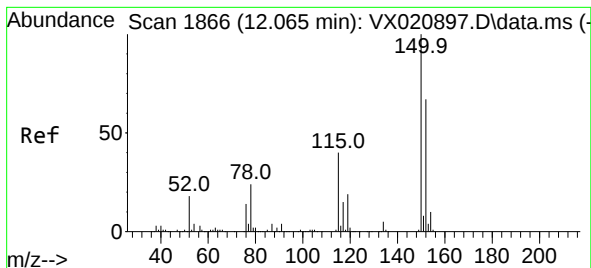
Tgt Ion: 95 Resp: 193096
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 71.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021033.D
Acq: 05 Mar 2021 14:43

Tgt Ion: 117 Resp: 388522
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.8 26.6 39.8

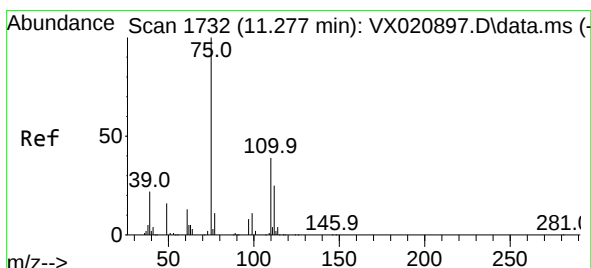
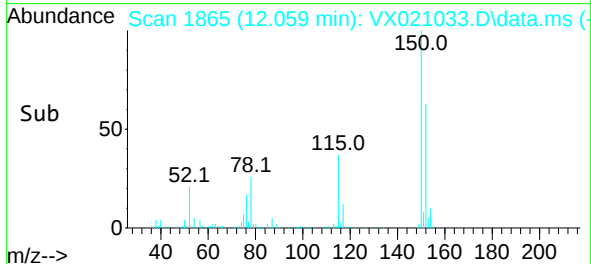
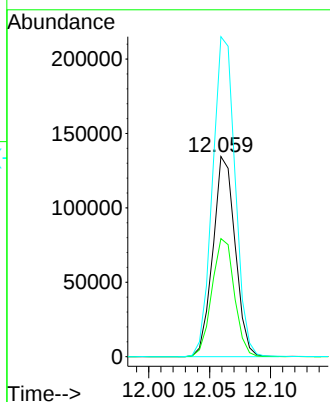
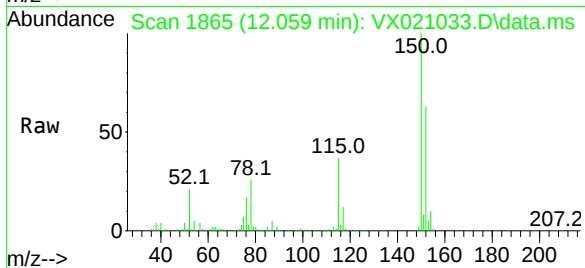




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021033.D
 Acq: 05 Mar 2021 14:43

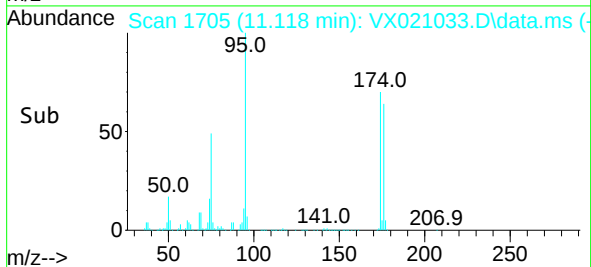
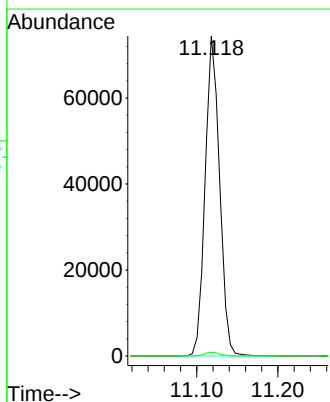
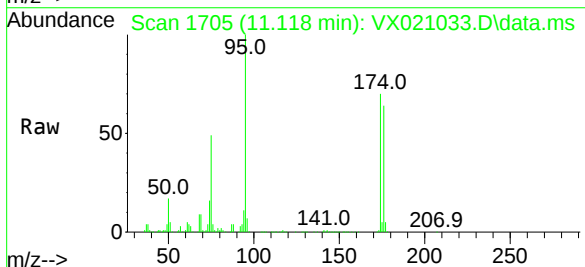
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-758-760

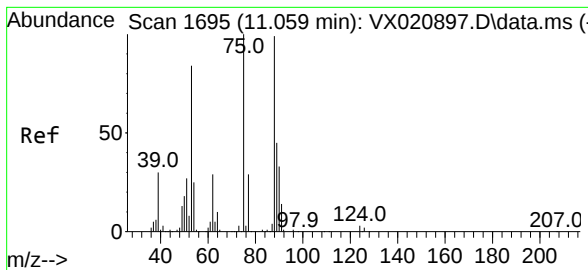
Tgt Ion:152 Resp: 170826
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 163.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.96 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021033.D
 Acq: 05 Mar 2021 14:43

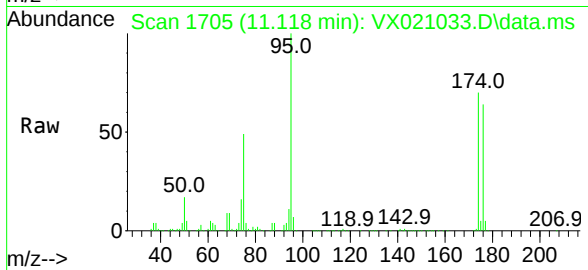
Tgt Ion: 75 Resp: 91712
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.25 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021033.D
 Acq: 05 Mar 2021 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-758-760



Tgt Ion: 75 Resp: 91712
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

