

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021490.D
 Acq On : 25 Mar 2021 16:43
 Operator : JC/MD
 Sample : M1787-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:15:59 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)

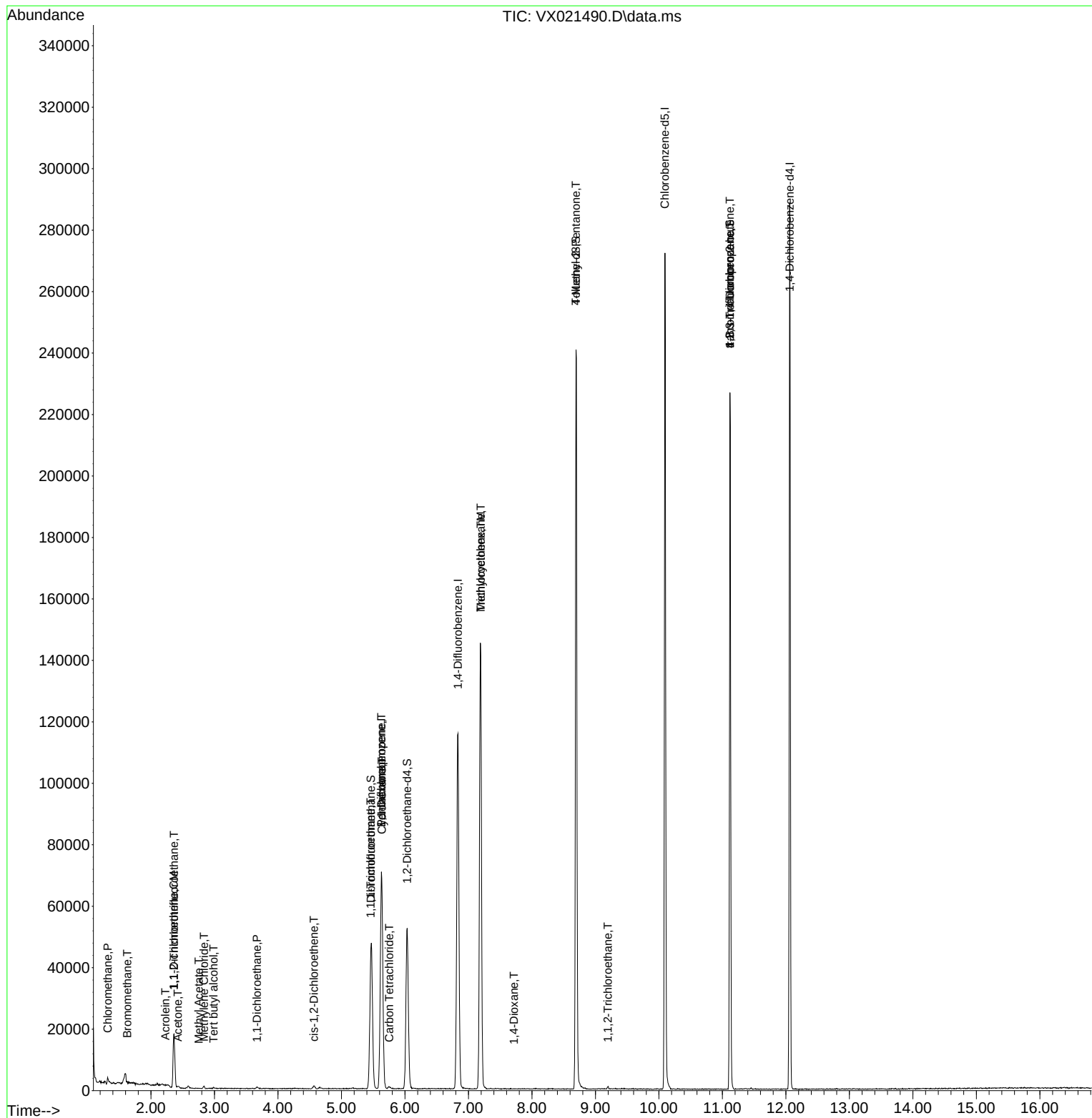
Internal Standards						
1) Pentafluorobenzene	5.629	168	60483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	107098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51352	51.03	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.06%
35) Dibromofluoromethane	5.464	113	38653	50.81	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.62%
50) Toluene-d8	8.694	98	140298	51.75	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.50%
62) 4-Bromofluorobenzene	11.118	95	58931	55.91	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.82%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	2370	3.14	ug/l	95
5) Bromomethane	1.628	94	176	0.64	ug/l #	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	4494	7.22	ug/l	95
11) Tert butyl alcohol	2.987	59	225	1.35	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	2511	4.12	ug/l	98
13) Acrolein	2.228	56	18	4.51	ug/l #	1
16) Acetone	2.423	43	634	1.67	ug/l	95
18) Methyl Acetate	2.752	43	245	0.22	ug/l #	47
20) Methylene Chloride	2.834	84	279	0.38	ug/l #	68
24) 1,1-Dichloroethane	3.670	63	708	0.55	ug/l #	81
27) cis-1,2-Dichloroethene	4.564	96	571	0.73	ug/l	81
31) Cyclohexane	5.635	56	1726	1.56	ug/l #	27
32) 1,1,1-Trichloroethane	5.458	97	570	0.47	ug/l #	45
36) 1,1-Dichloropropene	5.629	75	5719	5.45	ug/l #	49
38) Carbon Tetrachloride	5.752	117	420	0.37	ug/l #	94
39) Methylcyclohexane	7.194	83	731	0.63	ug/l #	1
44) Trichloroethene	7.194	130	51285	65.22	ug/l	94
49) 1,4-Dioxane	7.717	88	19	1.01	ug/l #	24
51) 4-Methyl-2-Pentanone	8.694	43	750	0.62	ug/l #	1
55) 1,1,2-Trichloroethane	9.194	97	177	0.23	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	33521	27.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33521	82.73	ug/l #	12

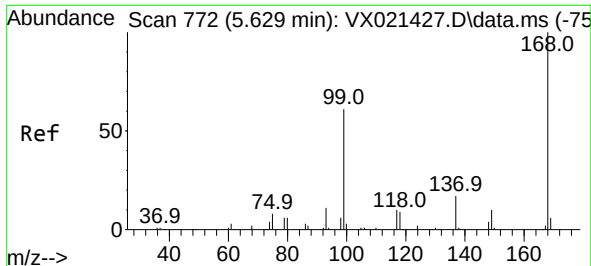
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Mar 26 03:15:59 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

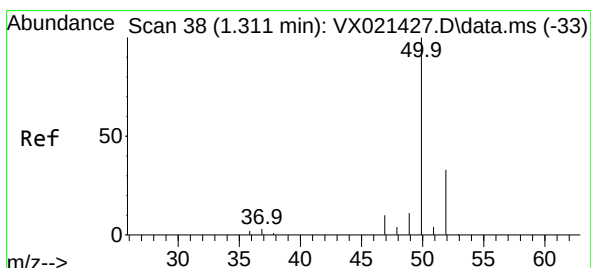
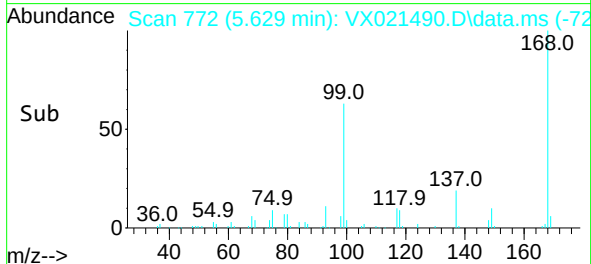
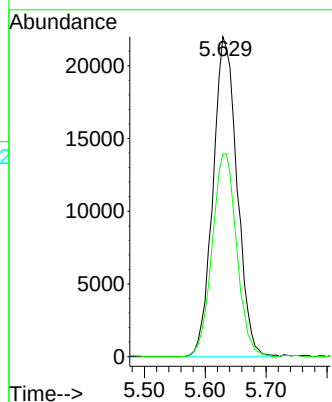
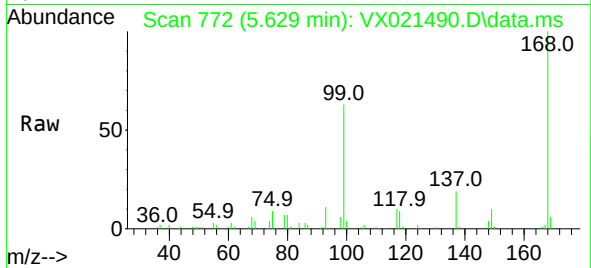




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

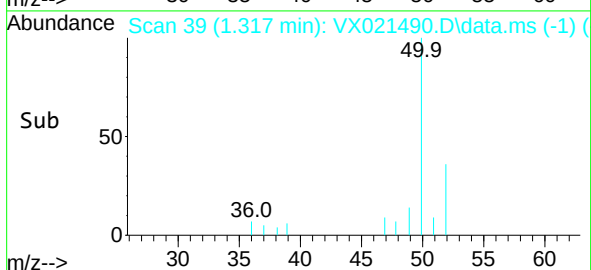
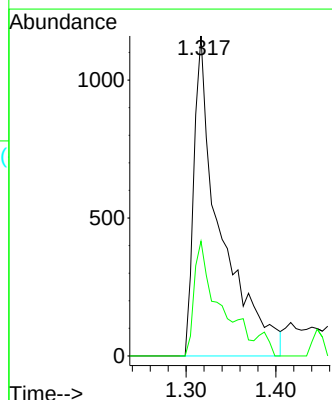
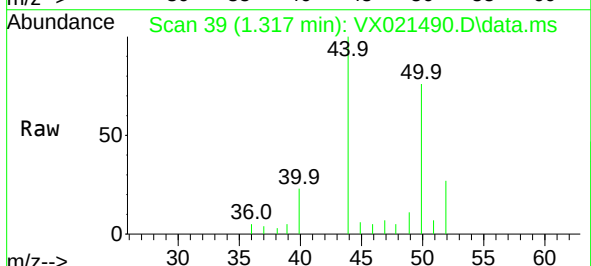
Instrument :
MSVOA_X
ClientSampled :

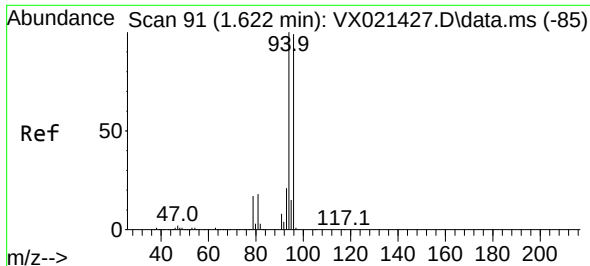
Tgt Ion:168 Resp: 60483
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#3
Chloromethane
Concen: 3.14 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 50 Resp: 2370
Ion Ratio Lower Upper
50 100
52 35.9 26.4 39.6

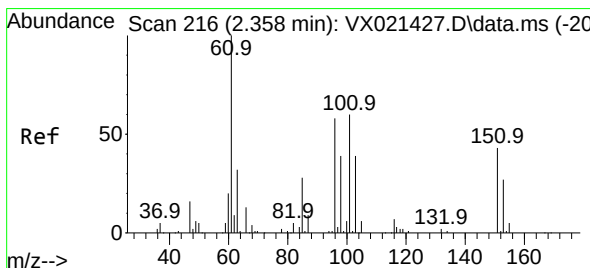
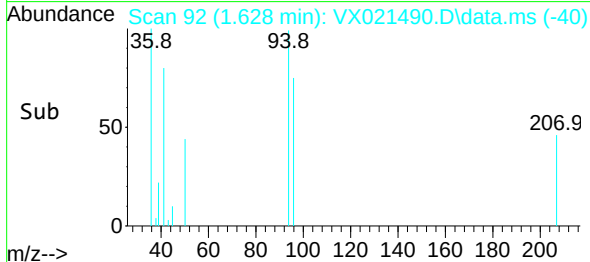
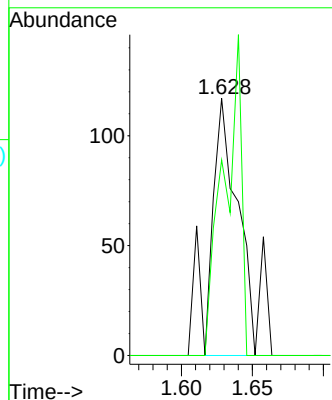
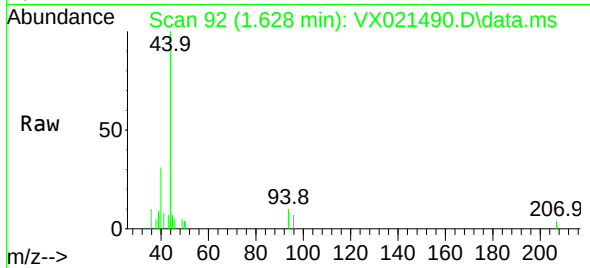




#5
Bromomethane
Concen: 0.64 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

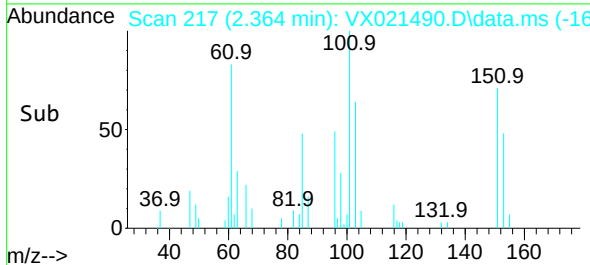
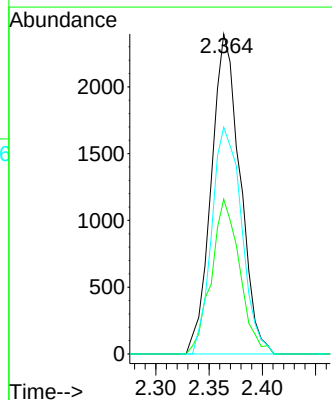
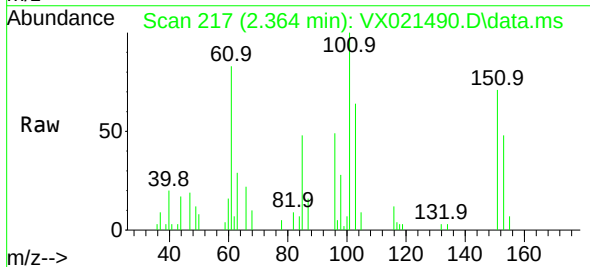
Instrument :
MSVOA_X
ClientSampled :

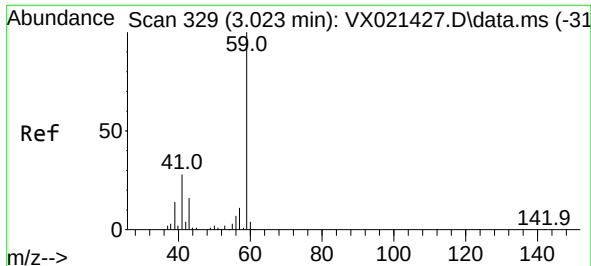
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 76.1 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.22 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 101 Resp: 4494
Ion Ratio Lower Upper
101 100
85 47.7 34.9 52.3
151 73.5 61.4 92.2

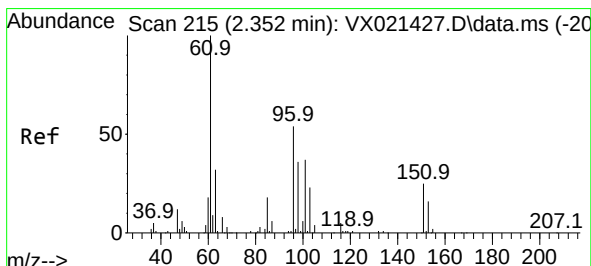
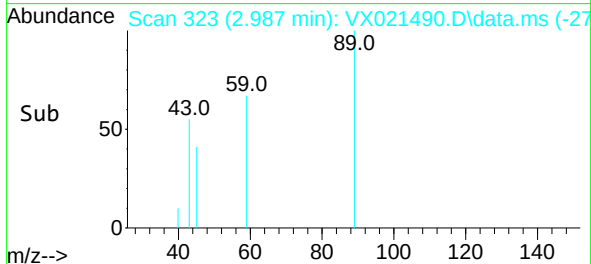
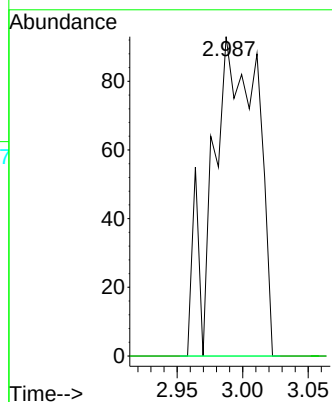
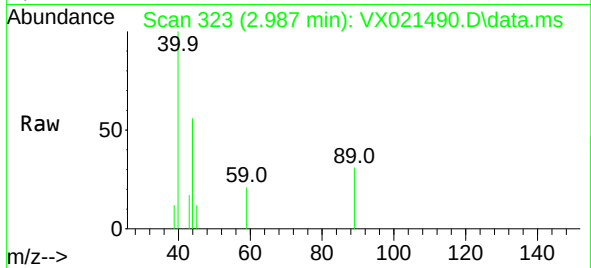




#11
Tert butyl alcohol
Concen: 1.35 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.036 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

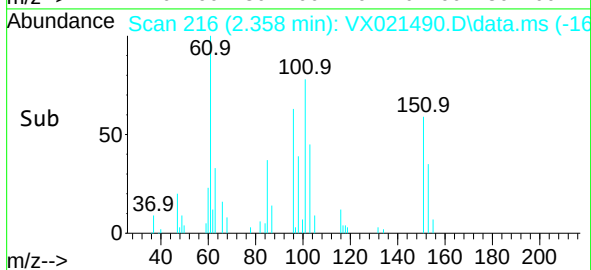
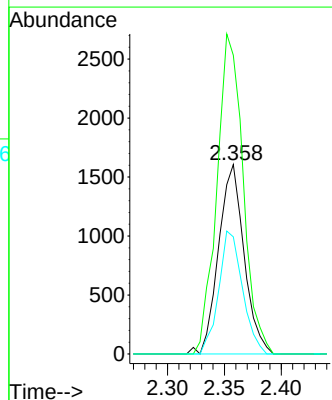
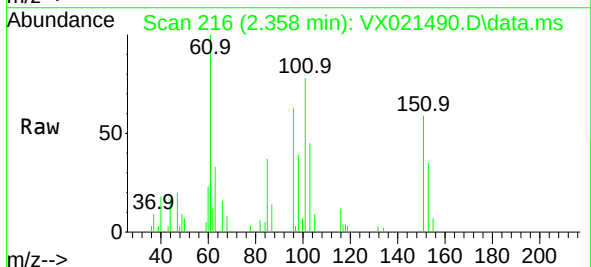
Instrument :
MSVOA_X
ClientSampled :

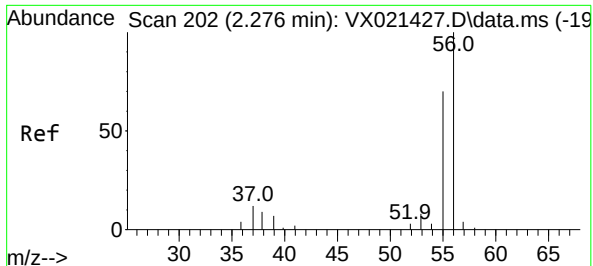
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.12 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 96 Resp: 2511
Ion Ratio Lower Upper
96 100
61 157.7 124.6 187.0
98 61.8 50.6 76.0

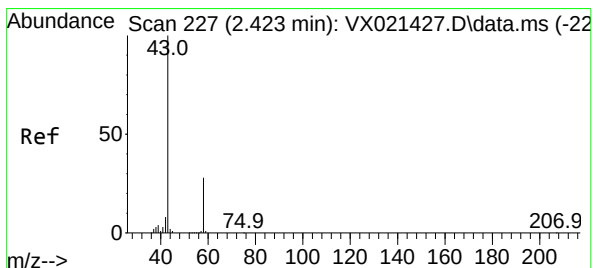
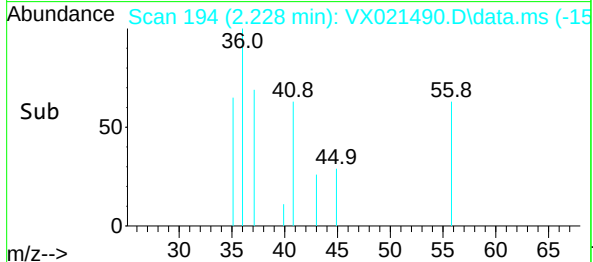
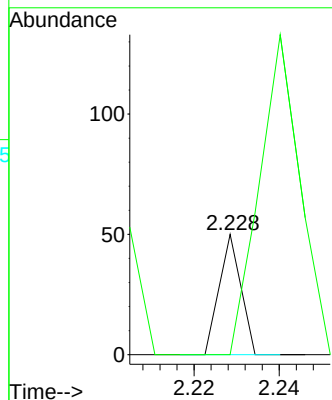
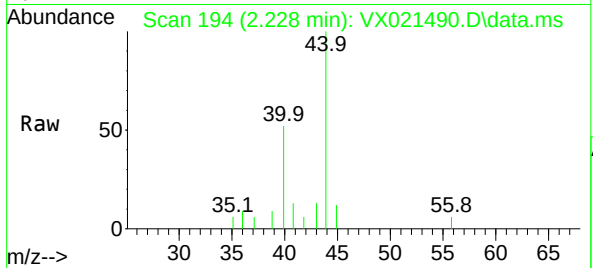




#13
Acrolein
Concen: 4.51 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

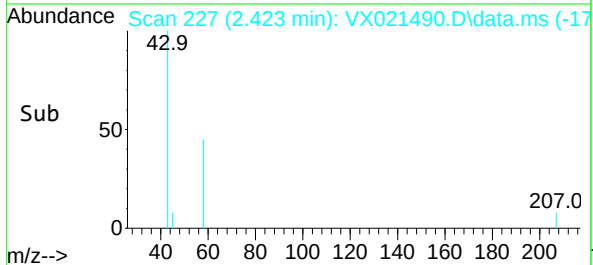
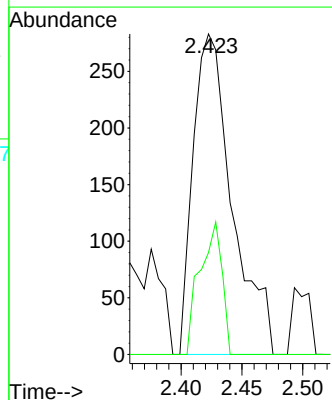
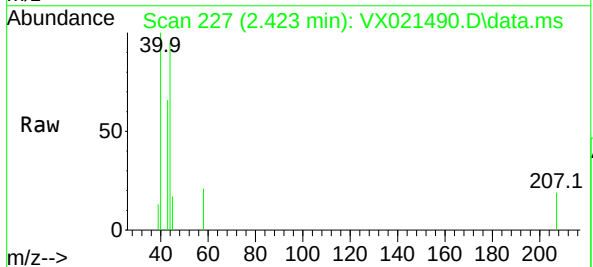
Instrument :
MSVOA_X
ClientSampled :

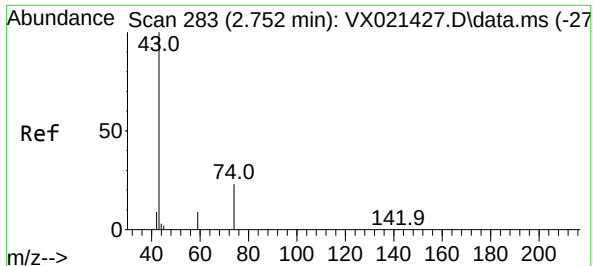
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 488.9 56.4 84.6#



#16
Acetone
Concen: 1.67 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8

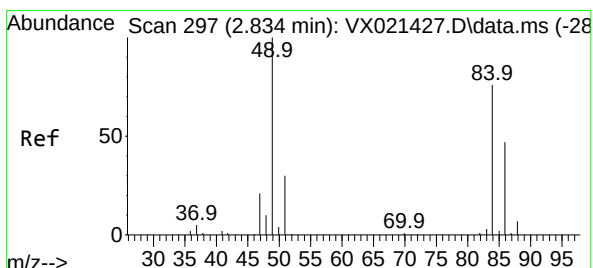
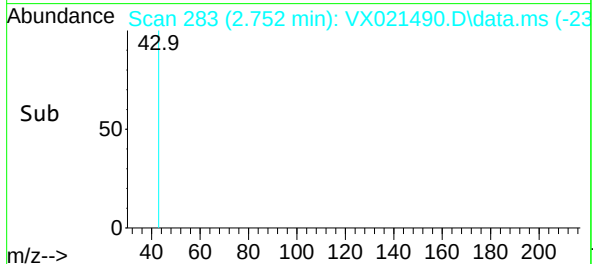
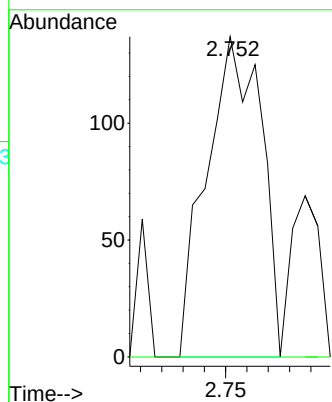
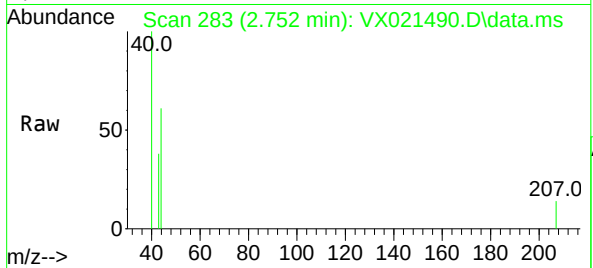




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

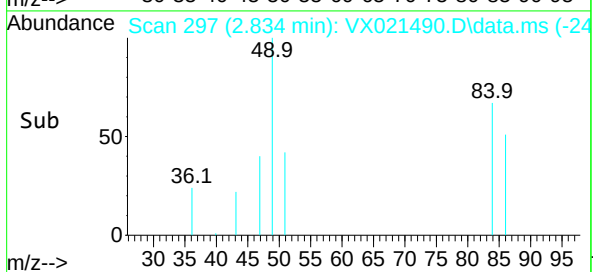
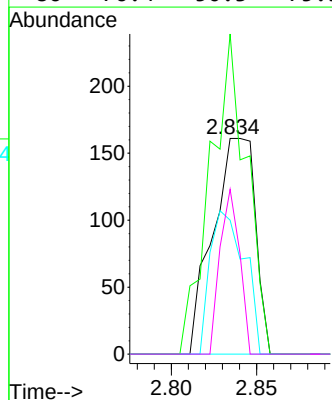
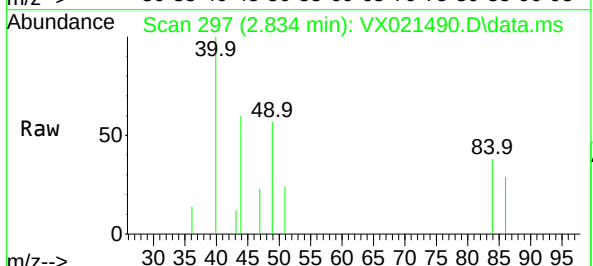
Instrument :
MSVOA_X
ClientSampled :

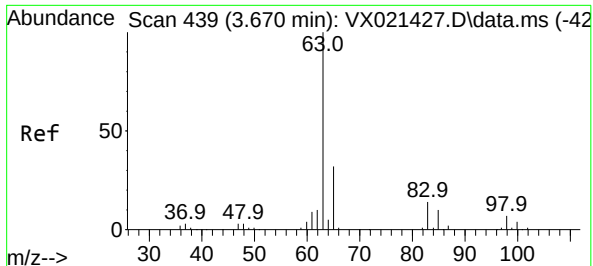
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 148.4 88.6 132.8#
51 62.1 27.0 40.6#
86 76.4 50.3 75.5#





#24

1,1-Dichloroethane

Concen: 0.55 ug/l

RT: 3.670 min Scan# 439

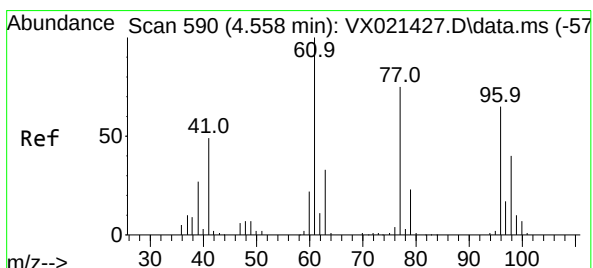
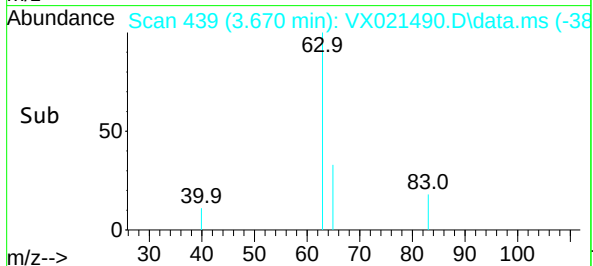
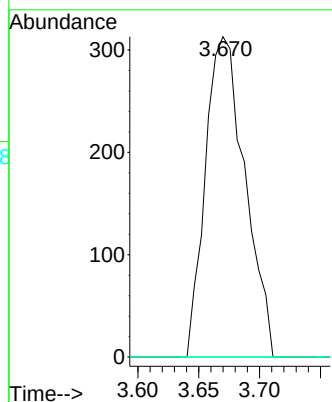
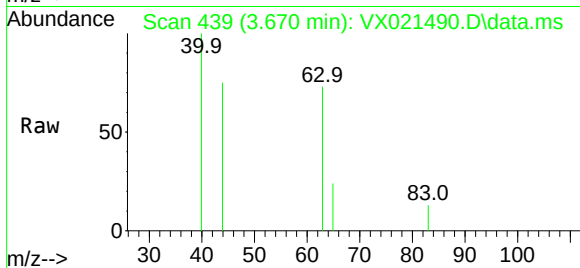
Delta R.T. -0.000 min

Lab File: VX021490.D

Acq: 25 Mar 2021 16:43

Tgt Ion:	63	Resp:	708
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#

Instrument :
MSVOA_X
ClientSampled :



#27

cis-1,2-Dichloroethene

Concen: 0.73 ug/l

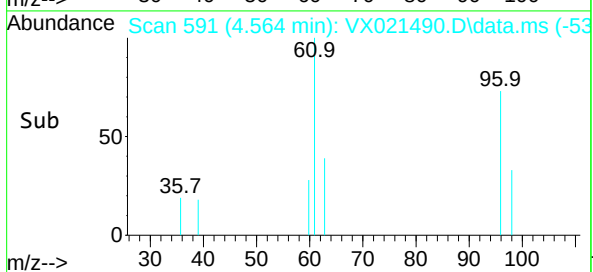
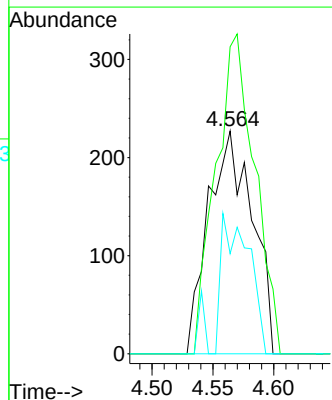
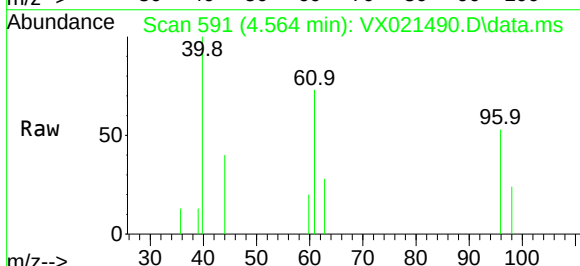
RT: 4.564 min Scan# 591

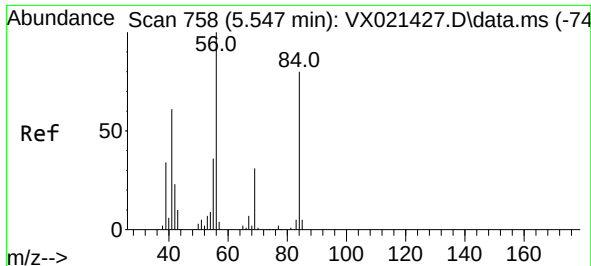
Delta R.T. 0.006 min

Lab File: VX021490.D

Acq: 25 Mar 2021 16:43

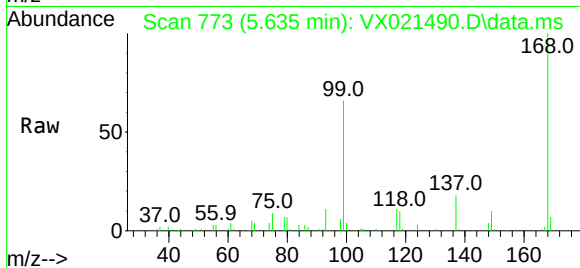
Tgt Ion:	96	Resp:	571
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	285.6
98	39.6	0.0	129.6



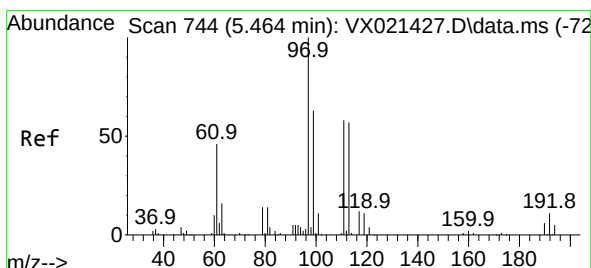
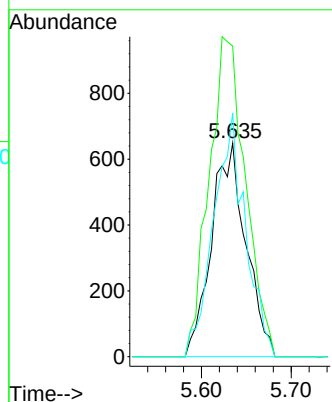
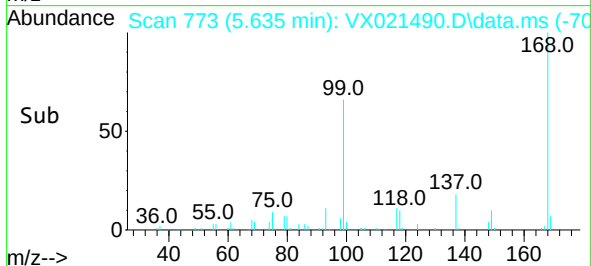


#31
Cyclohexane
Concen: 1.56 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

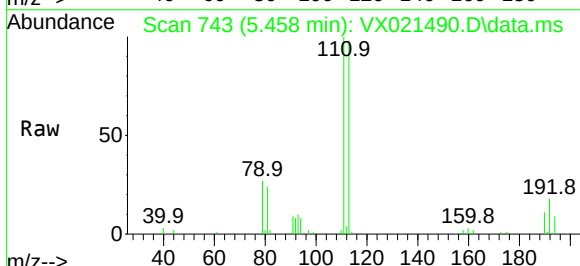
Instrument :
MSVOA_X
ClientSampled :



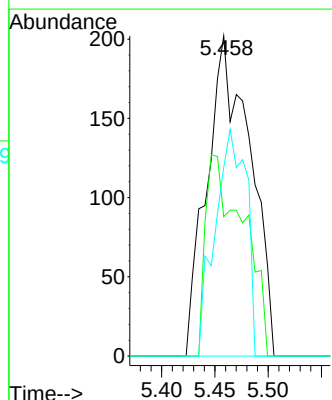
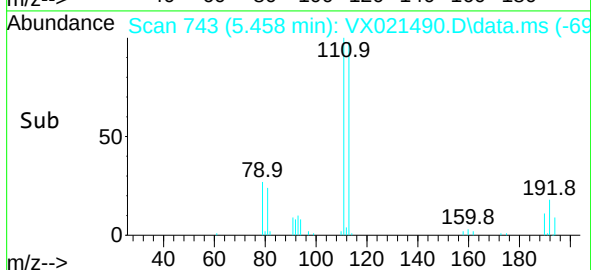
Tgt Ion: 56 Resp: 1726
Ion Ratio Lower Upper
56 100
69 145.5 25.3 37.9#
84 114.0 71.4 107.0#

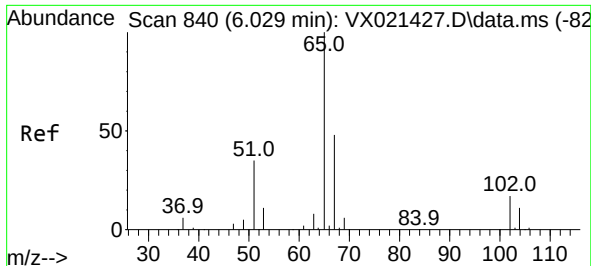


#32
1,1,1-Trichloroethane
Concen: 0.47 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43



Tgt Ion: 97 Resp: 570
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 51.2 34.2 51.4

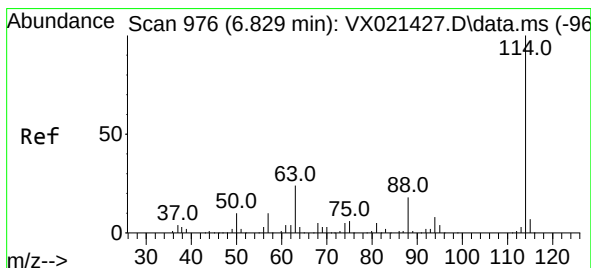
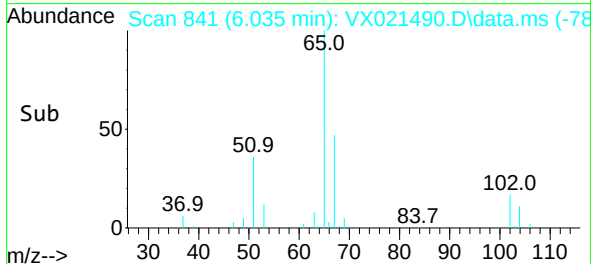
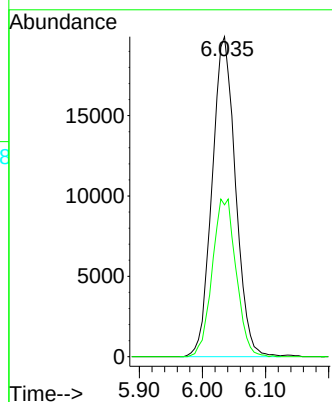
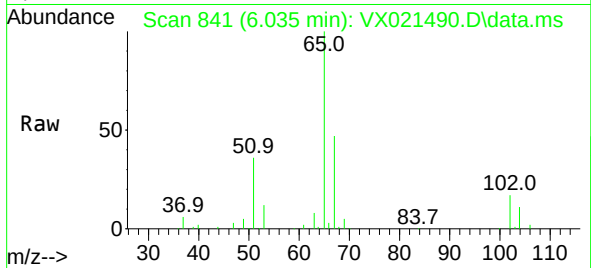




#33
1,2-Dichloroethane-d4
Concen: 51.03 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

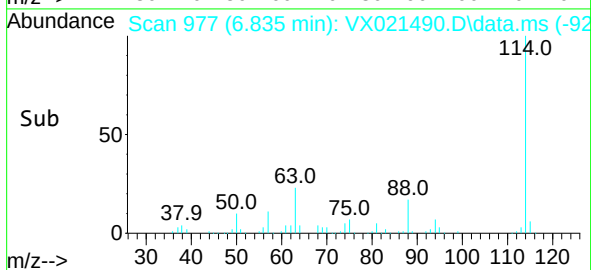
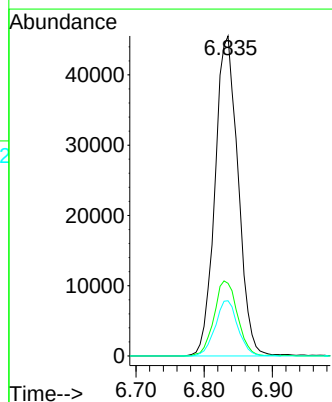
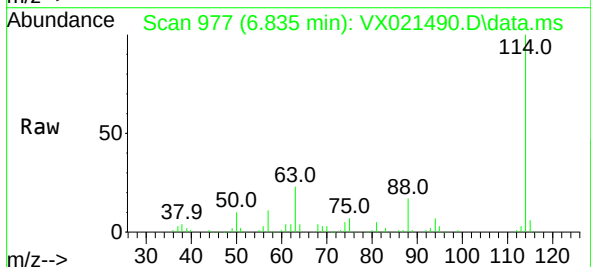
Instrument :
MSVOA_X
ClientSampled :

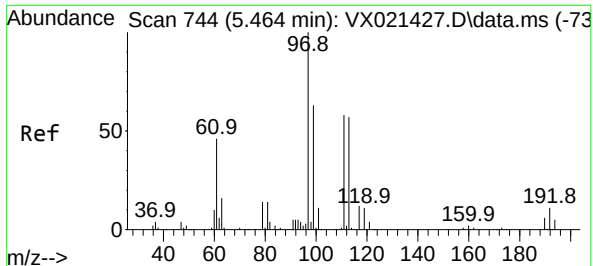
Tgt Ion: 65 Resp: 51352
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 114 Resp: 107098
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.81 ug/l

RT: 5.464 min Scan# 744

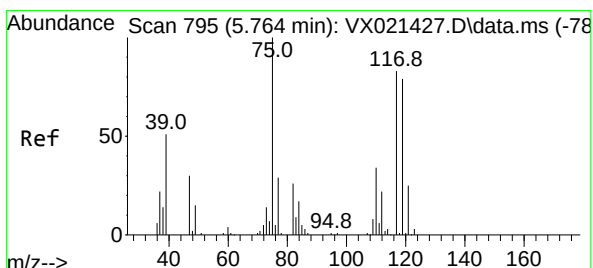
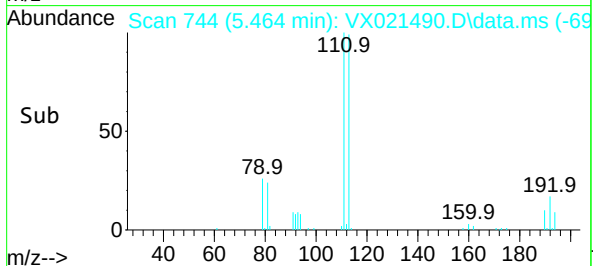
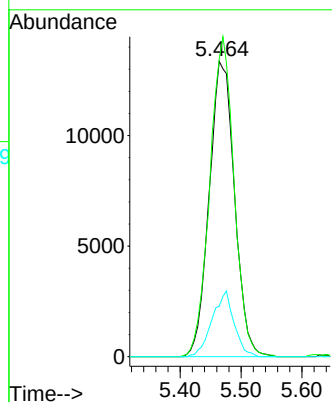
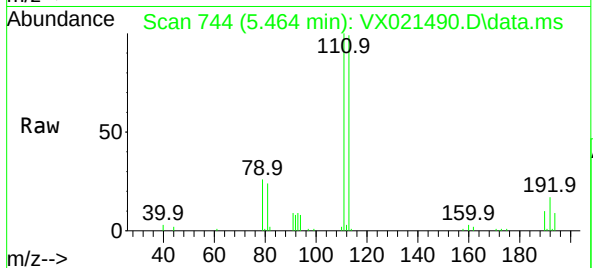
Delta R.T. 0.000 min

Lab File: VX021490.D

Acq: 25 Mar 2021 16:43

Tgt Ion:	113	Resp:	38653
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	19.2	16.7	25.1

Instrument :
MSVOA_X
ClientSampled :



#36

1,1-Dichloropropene

Concen: 5.45 ug/l

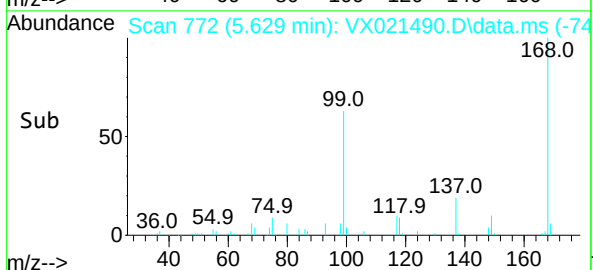
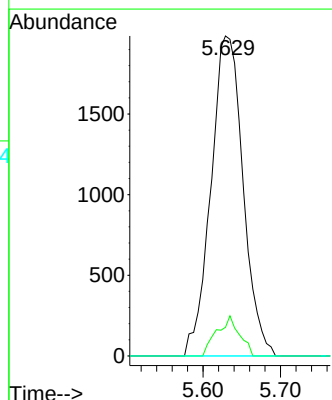
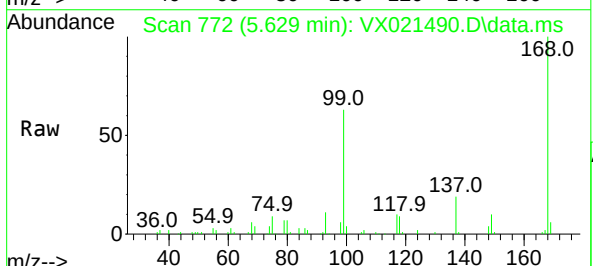
RT: 5.629 min Scan# 772

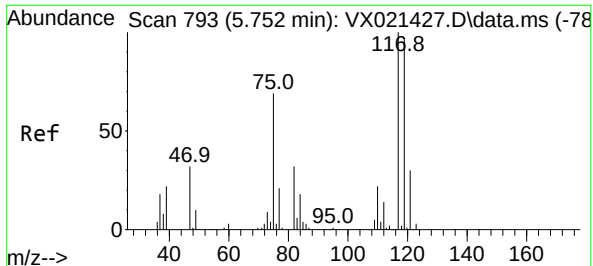
Delta R.T. -0.135 min

Lab File: VX021490.D

Acq: 25 Mar 2021 16:43

Tgt Ion:	75	Resp:	5719
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#

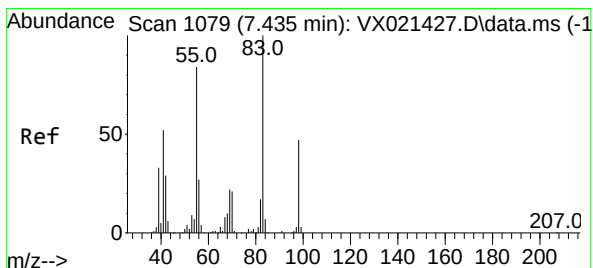
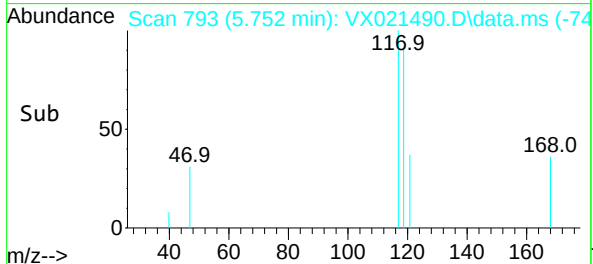
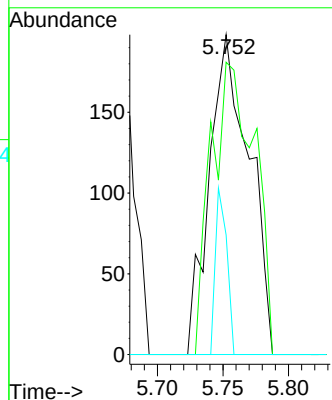
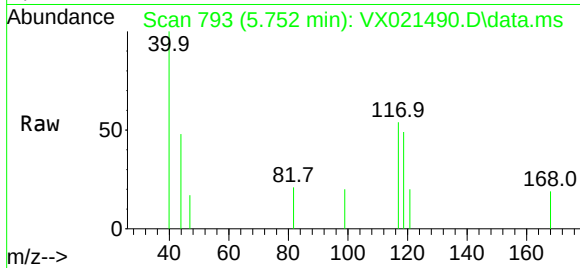




#38
Carbon Tetrachloride
Concen: 0.37 ug/l
RT: 5.752 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

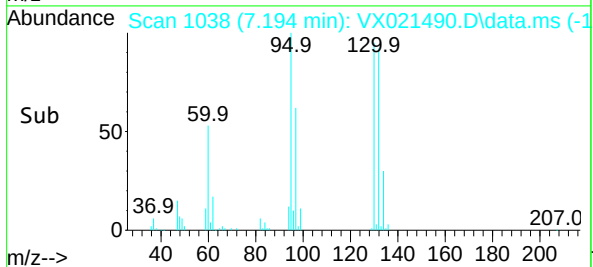
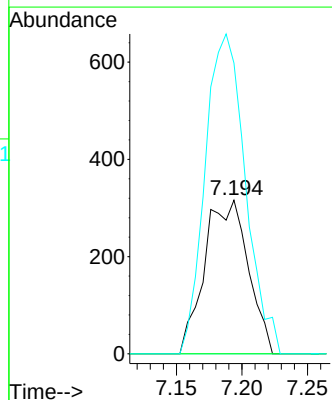
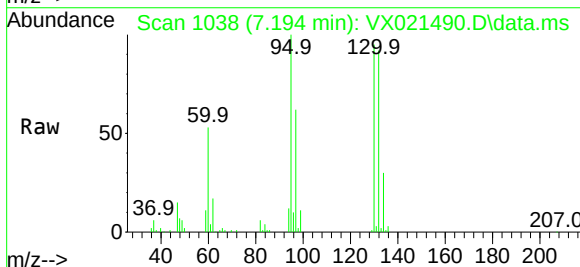
Instrument :
MSVOA_X
ClientSampled :

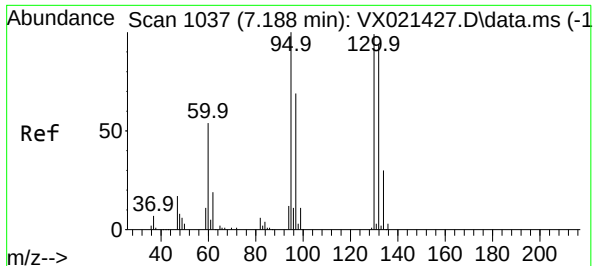
Tgt Ion:117 Resp: 420
Ion Ratio Lower Upper
117 100
119 91.4 76.2 114.2
121 37.4 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.63 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. -0.241 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 83 Resp: 731
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 189.2 38.1 57.1#

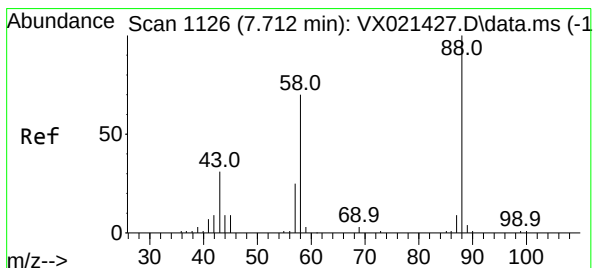
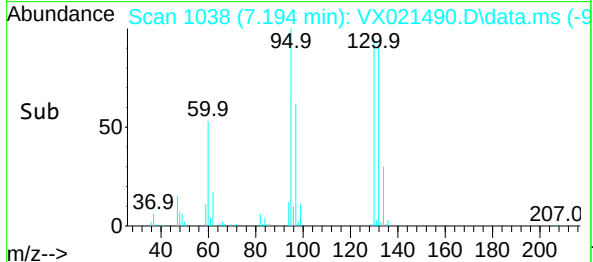
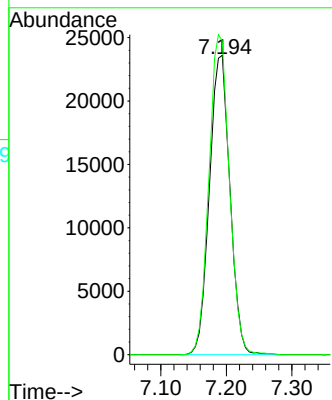
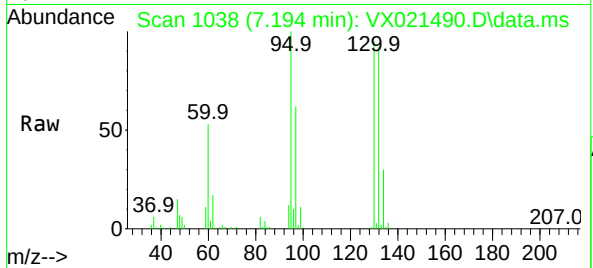




#44
Trichloroethene
Concen: 65.22 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

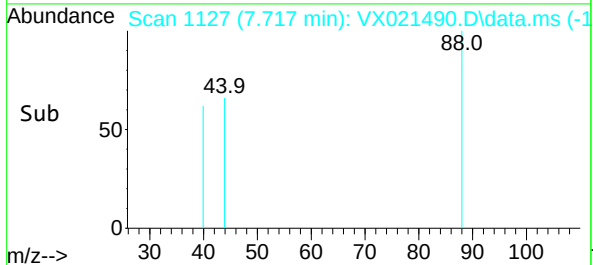
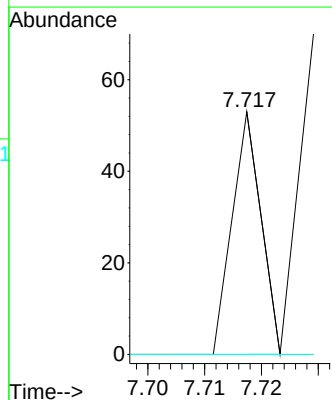
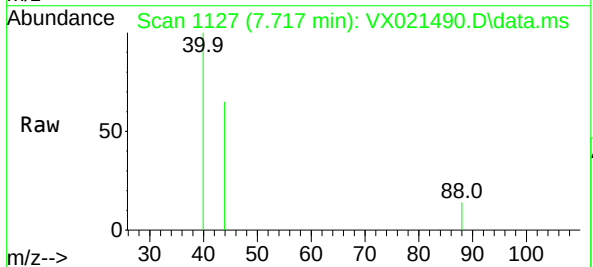
Instrument :
MSVOA_X
ClientSampled :

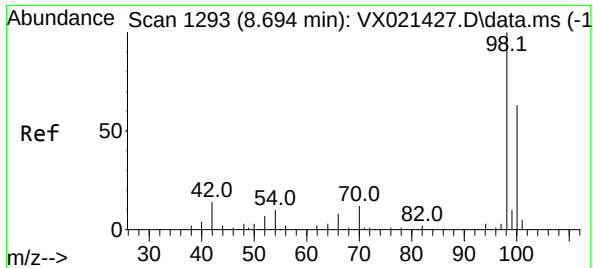
Tgt Ion:130 Resp: 51285
Ion Ratio Lower Upper
130 100
95 104.8 0.0 198.0



#49
1,4-Dioxane
Concen: 1.01 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

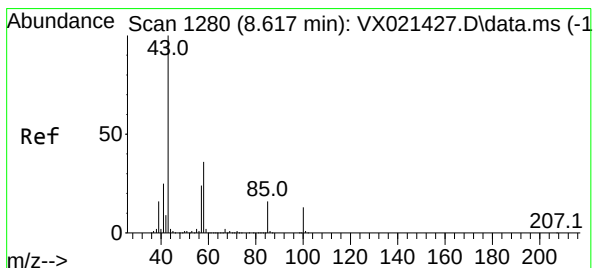
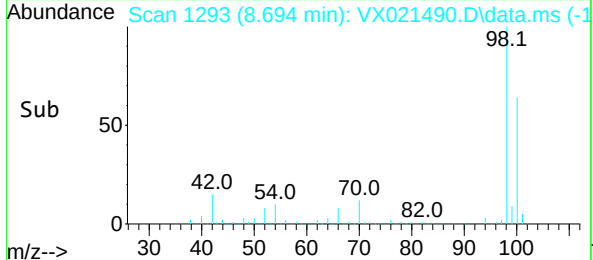
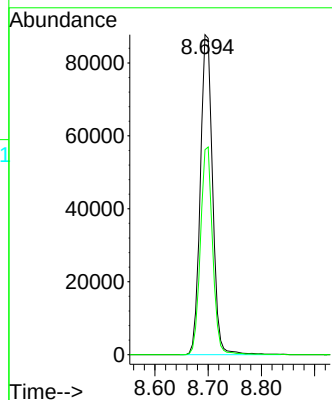
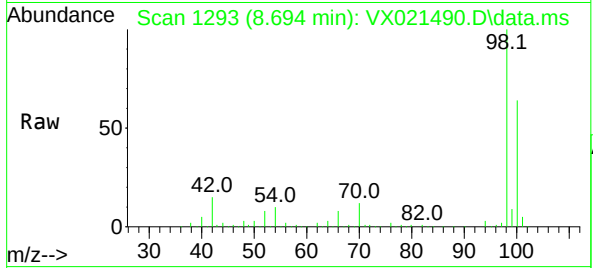




#50
Toluene-d8
Concen: 51.75 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

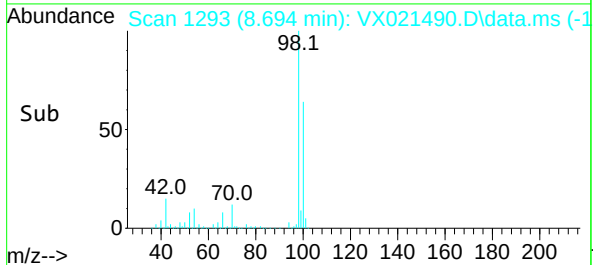
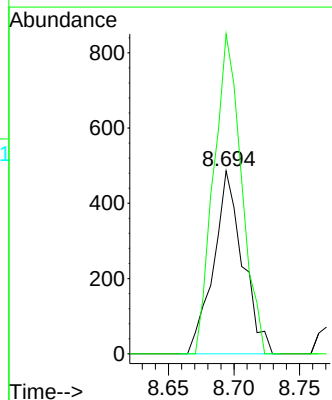
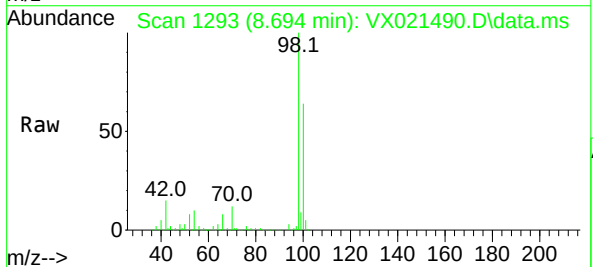
Instrument :
MSVOA_X
ClientSampled :

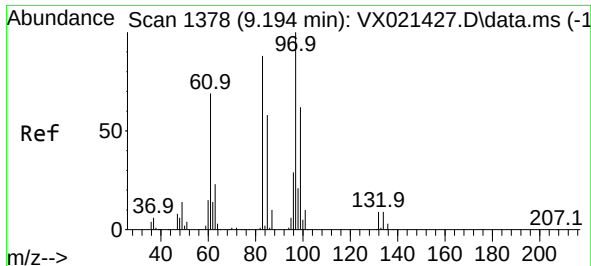
Tgt Ion: 98 Resp: 140298
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

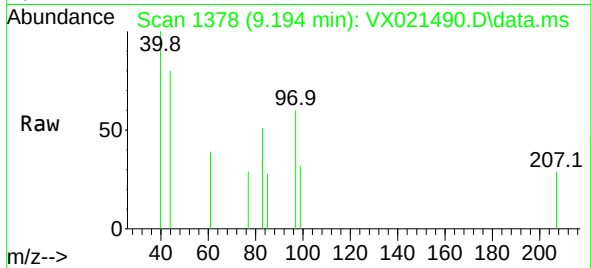
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 166.8 35.4 53.0#



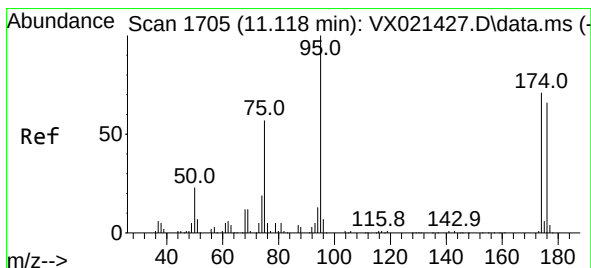
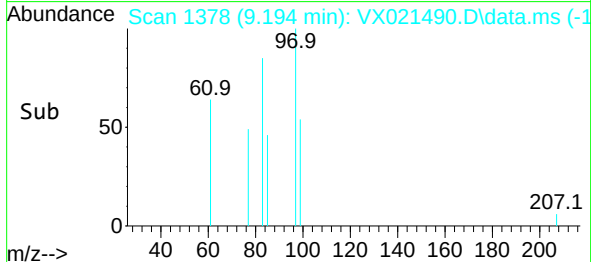
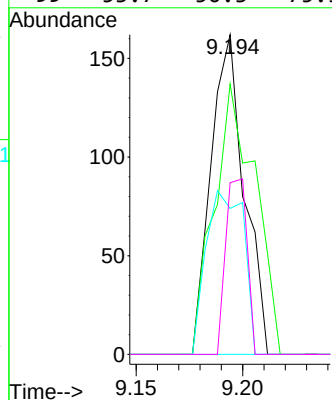


#55
1,1,2-Trichloroethane
Concen: 0.23 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Instrument :
MSVOA_X
ClientSampled :

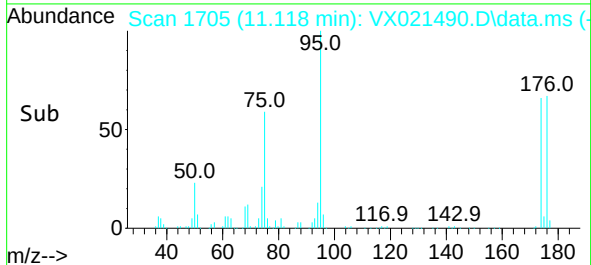
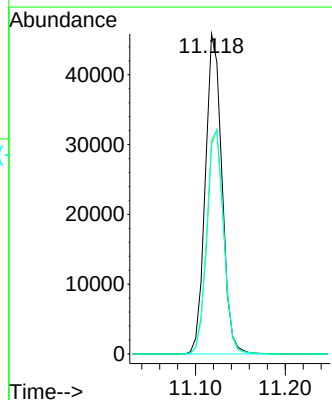
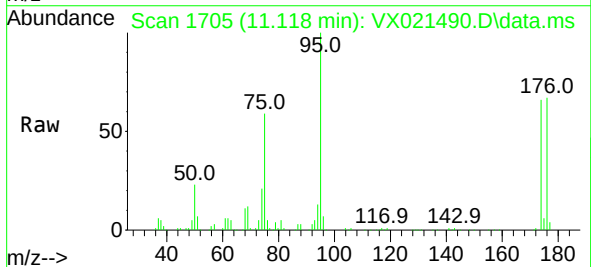


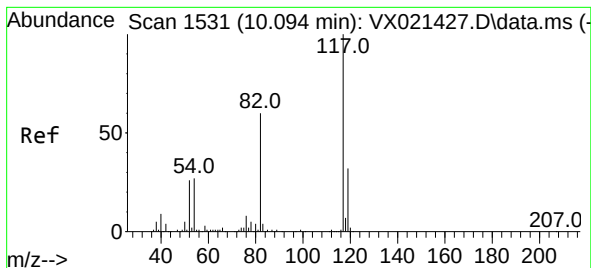
Tgt Ion:	97	Resp:	177
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.3	103.9
85	45.7	44.3	66.5
99	53.7	50.3	75.5



#62
4-Bromofluorobenzene
Concen: 55.91 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion:	95	Resp:	58931
Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	154.6
176	71.5	0.0	155.8

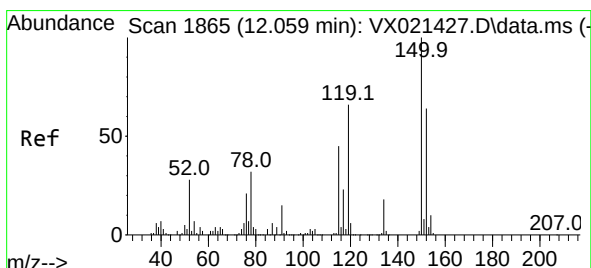
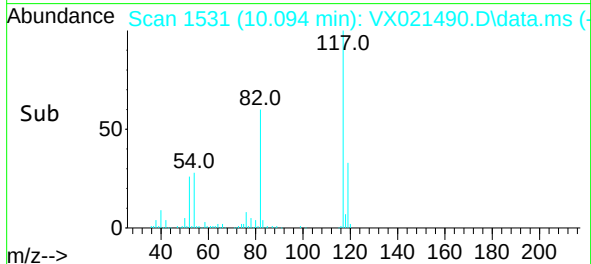
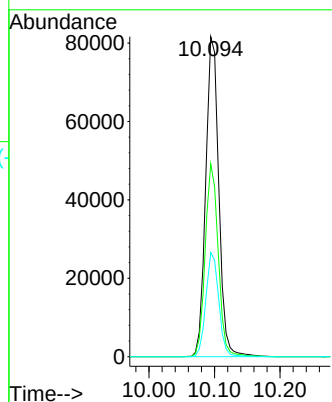
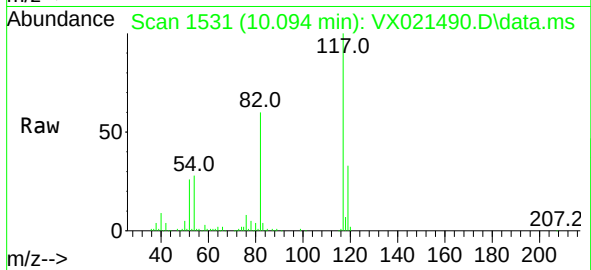




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

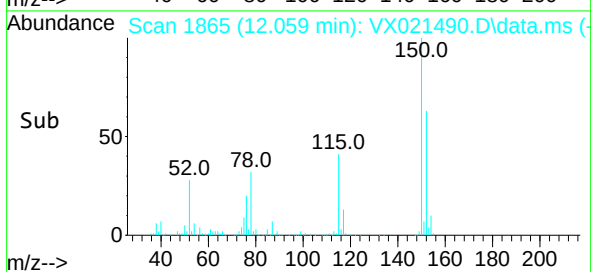
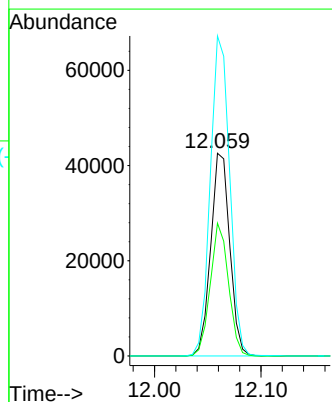
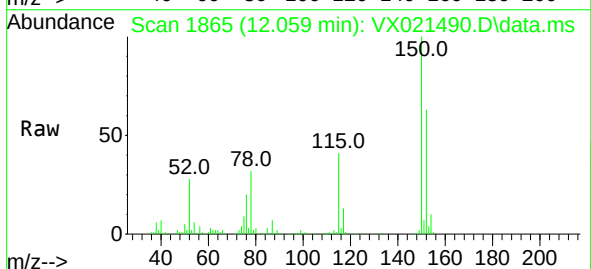
Instrument :
MSVOA_X
ClientSampled :

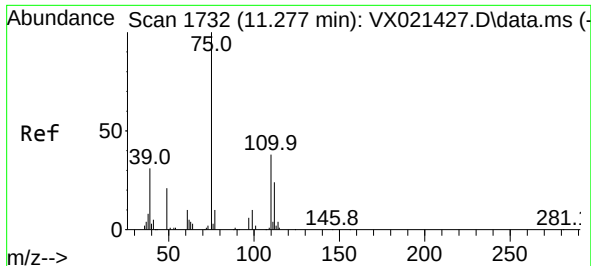
Tgt Ion:117 Resp: 113898
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion:152 Resp: 53015
Ion Ratio Lower Upper
152 100
115 62.7 41.1 123.3
150 160.0 0.0 349.0

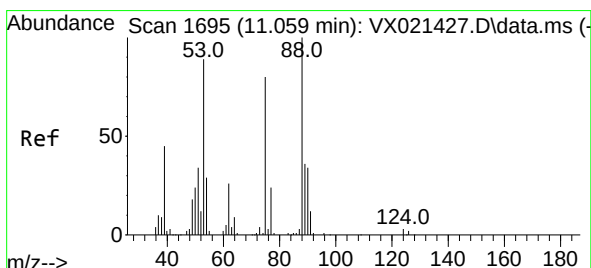
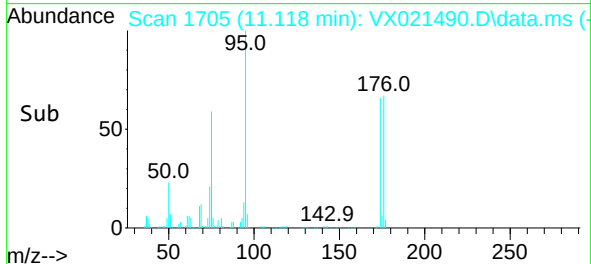
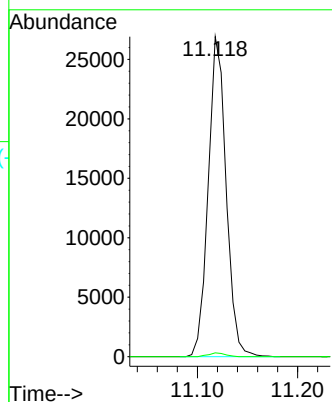
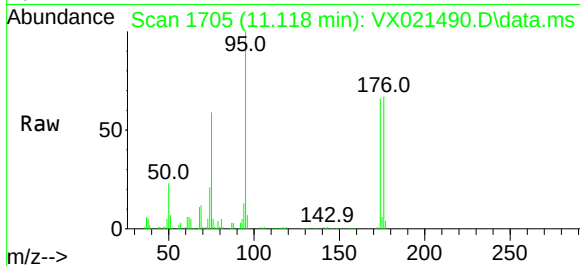




#76
1,2,3-Trichloropropane
Concen: 27.16 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 33521
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.73 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021490.D
Acq: 25 Mar 2021 16:43

Tgt Ion: 75 Resp: 33521
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

