

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021314.D
 Acq On : 19 Mar 2021 19:57
 Operator : JC/MD
 Sample : M1736-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 06:36:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

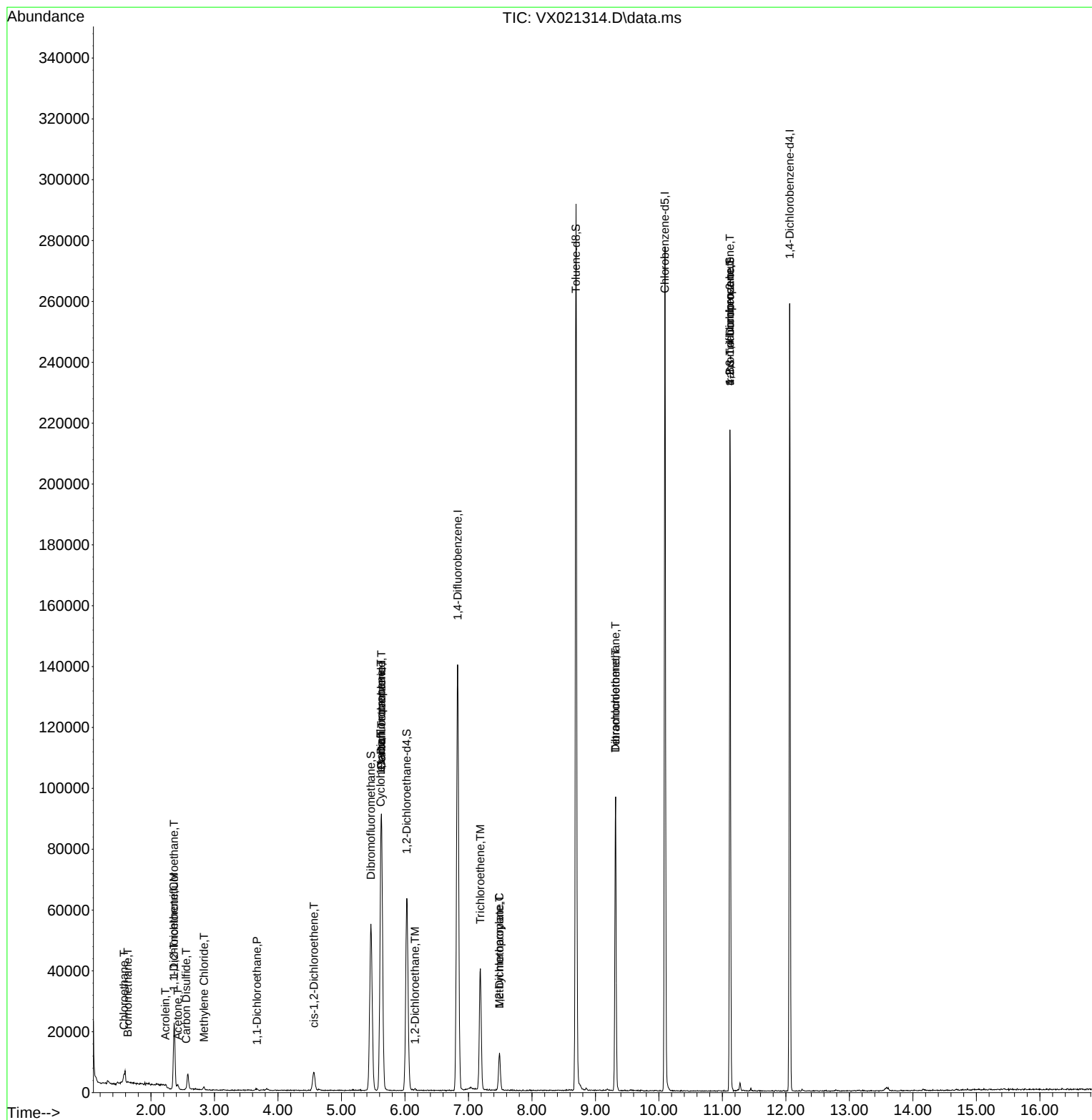
Internal Standards						
1) Pentafluorobenzene	5.629	168	78117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	128888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63053	49.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.42%
35) Dibromofluoromethane	5.464	113	44423	50.65	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.30%
50) Toluene-d8	8.694	98	158775	49.90	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.80%
62) 4-Bromofluorobenzene	11.118	95	54422	44.04	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.08%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1299	Below Cal	#	86
5) Bromomethane	1.634	94	134	0.32	ug/l #	62
6) Chloroethane	1.575	64	1307	2.25	ug/l #	69
9) 1,1,2-Trichlorotrifluo...	2.364	101	8263	10.12	ug/l	94
12) 1,1-Dichloroethene	2.358	96	410	0.51	ug/l	95
13) Acrolein	2.228	56	42	3.45	ug/l #	15
16) Acetone	2.423	43	1735	3.68	ug/l	92
17) Carbon Disulfide	2.552	76	416	0.71	ug/l #	75
20) Methylene Chloride	2.834	84	276	0.28	ug/l #	58
24) 1,1-Dichloroethane	3.670	63	767	0.45	ug/l #	81
27) cis-1,2-Dichloroethene	4.564	96	3573	3.50	ug/l	98
31) Cyclohexane	5.617	56	2128	1.37	ug/l #	40
36) 1,1-Dichloropropene	5.623	75	7063	5.44	ug/l #	50
38) Carbon Tetrachloride	5.629	117	8859	6.57	ug/l #	16
42) 1,2-Dichloroethane	6.158	62	507	0.33	ug/l #	73
44) Trichloroethene	7.188	130	13724	14.44	ug/l	91
45) 1,2-Dichloropropane	7.488	63	4148	4.31	ug/l	92
48) Methyl methacrylate	7.488	41	3107	2.37	ug/l #	28
60) Dibromochloromethane	9.318	129	16799	16.29	ug/l #	11
64) Tetrachloroethene	9.318	164	16079	19.44	ug/l #	89
76) 1,2,3-Trichloropropane	11.118	75	30341	28.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30341	76.10	ug/l #	12

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

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Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
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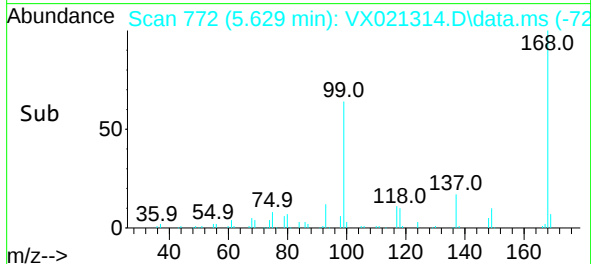
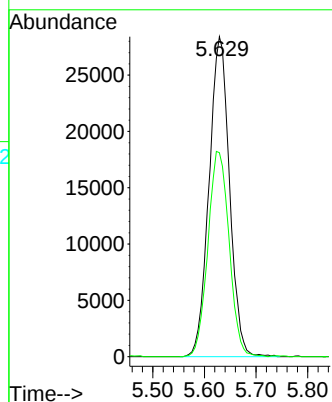
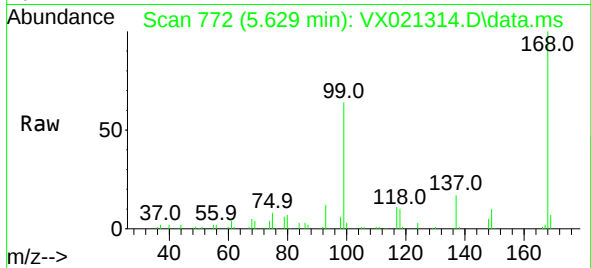




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

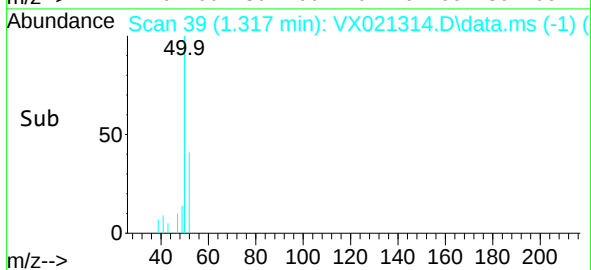
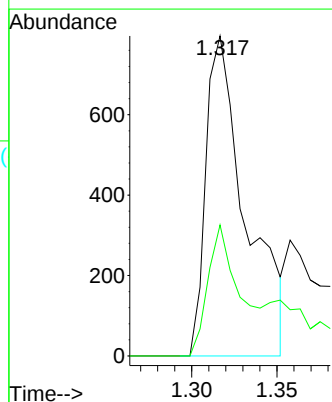
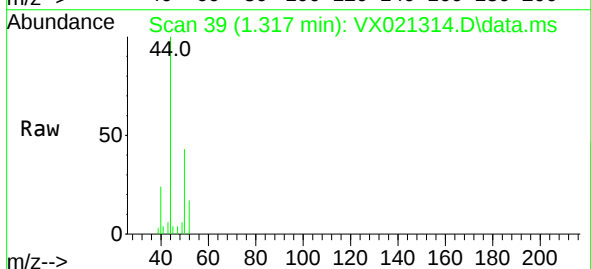
Instrument :
MSVOA_X
ClientSampled :

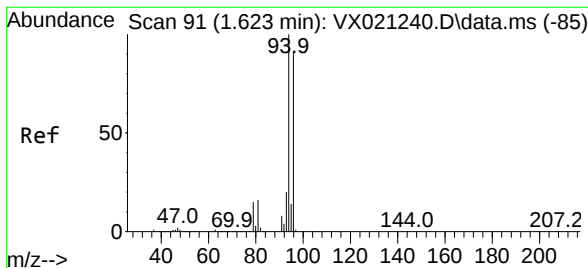
Tgt Ion:168 Resp: 78117
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 50 Resp: 1299
Ion Ratio Lower Upper
50 100
52 41.0 26.4 39.6#

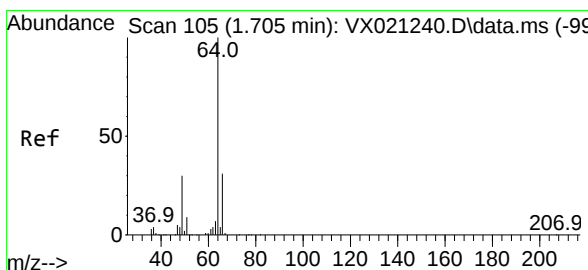
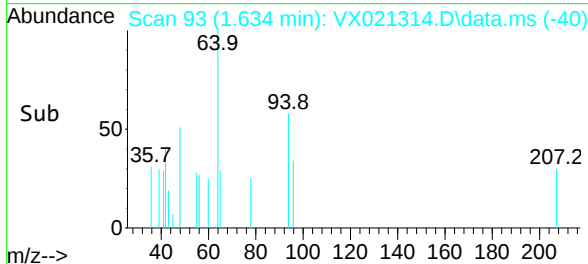
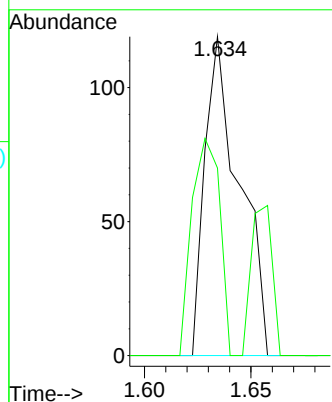
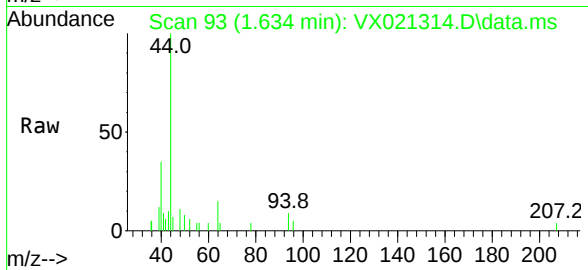




#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

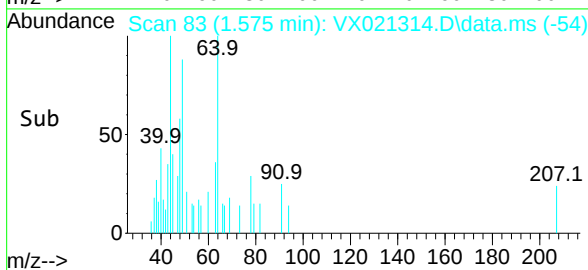
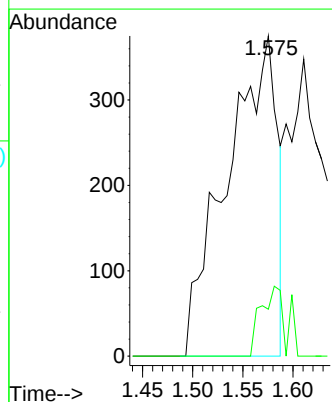
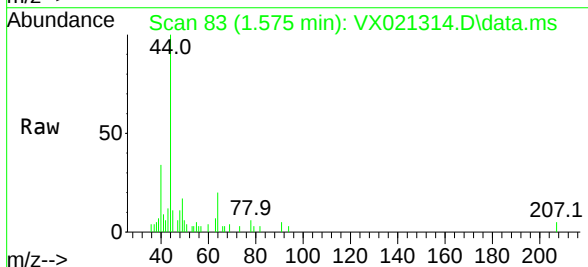
Instrument :
MSVOA_X
ClientSampled :

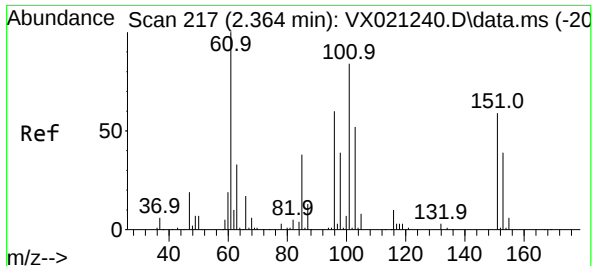
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 58.8 76.4 114.6#



#6
Chloroethane
Concen: 2.25 ug/l
RT: 1.575 min Scan# 83
Delta R.T. -0.130 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 64 Resp: 1307
Ion Ratio Lower Upper
64 100
66 14.7 25.4 38.0#

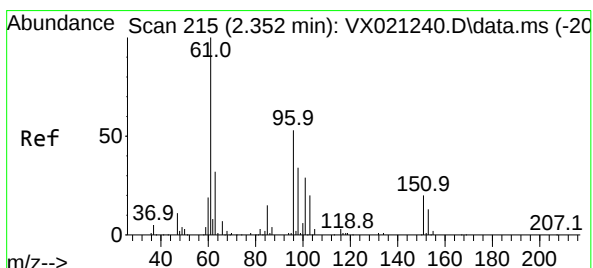
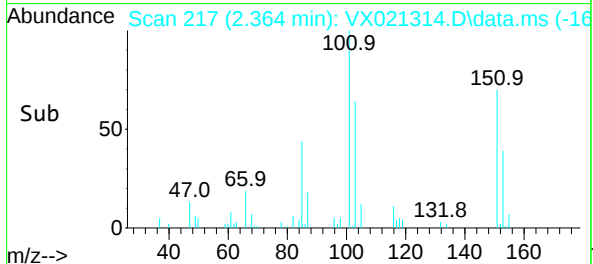
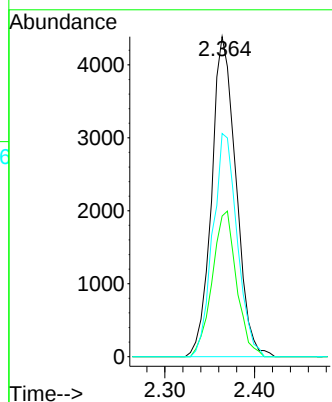
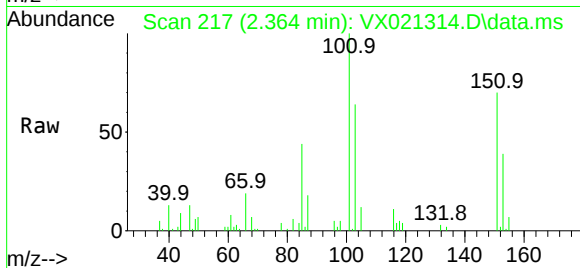




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.12 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

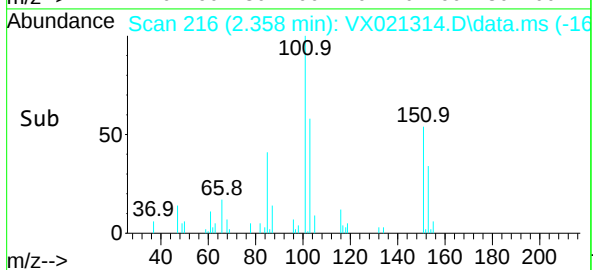
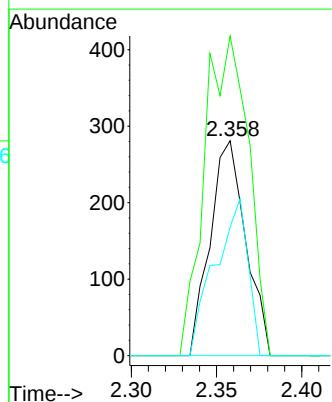
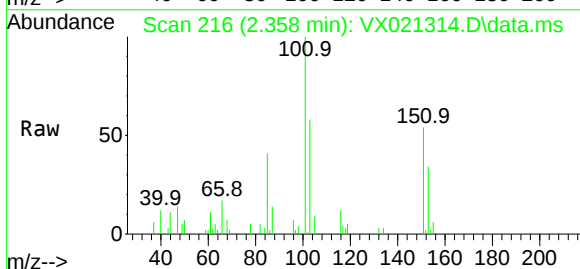
Instrument :
MSVOA_X
ClientSampled :

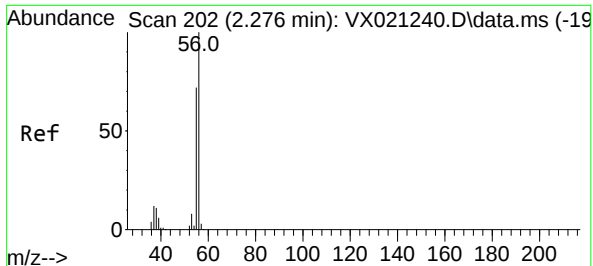
Tgt Ion:101 Resp: 8263
Ion Ratio Lower Upper
101 100
85 45.4 34.9 52.3
151 69.7 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.51 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 96 Resp: 410
Ion Ratio Lower Upper
96 100
61 148.8 124.6 187.0
98 59.8 50.6 76.0

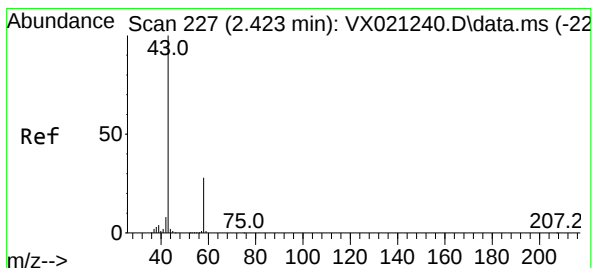
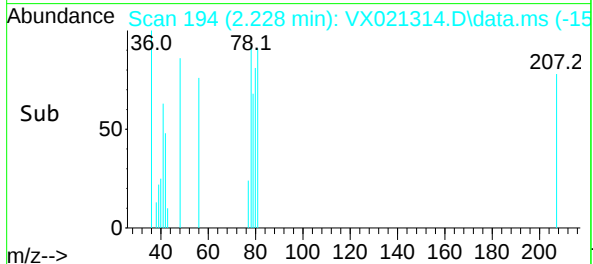
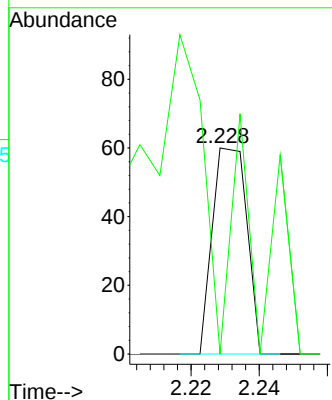
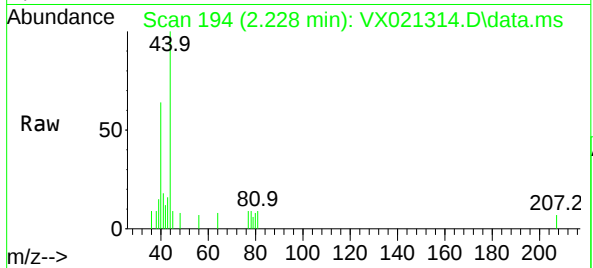




#13
Acrolein
Concen: 3.45 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

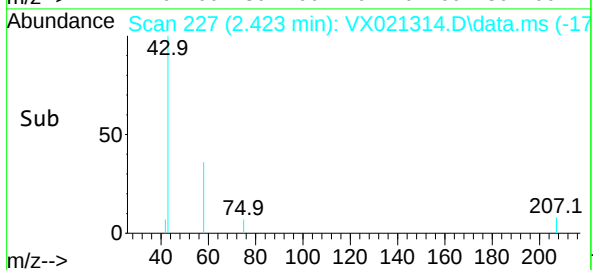
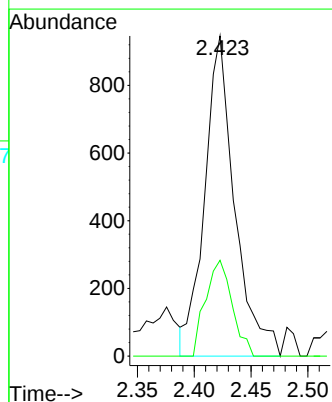
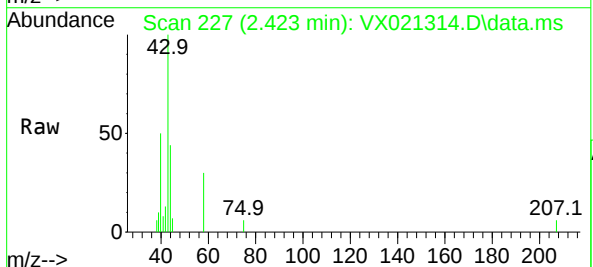
Instrument :
MSVOA_X
ClientSampleId :

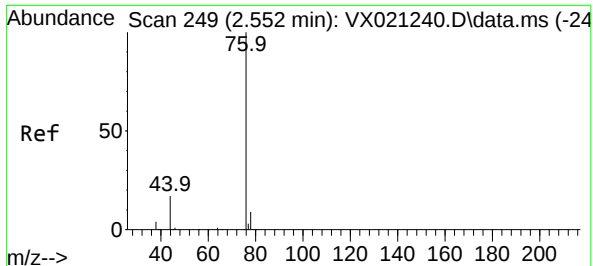
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 140.5 56.4 84.6#



#16
Acetone
Concen: 3.68 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8

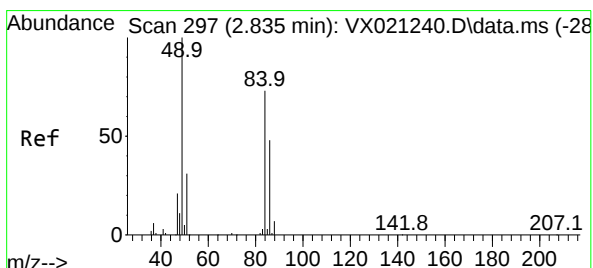
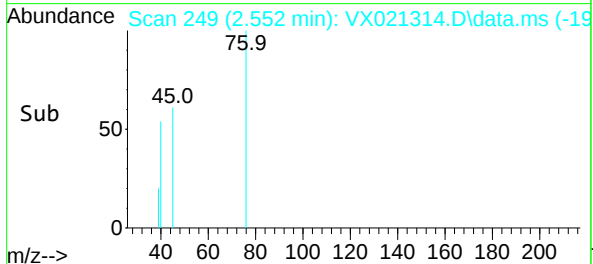
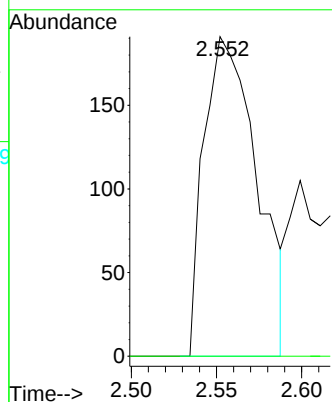
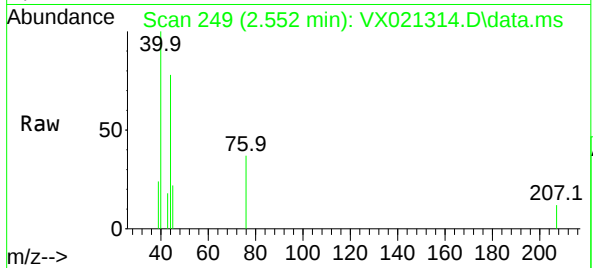




#17
Carbon Disulfide
Concen: 0.71 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

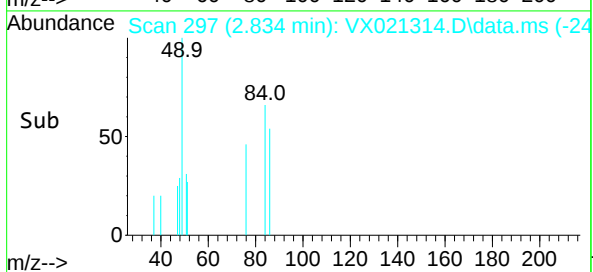
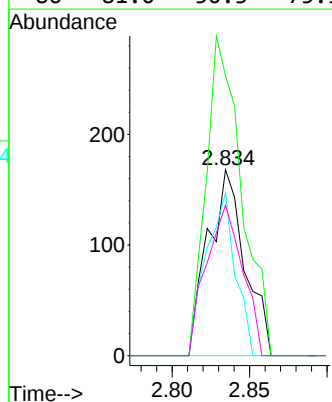
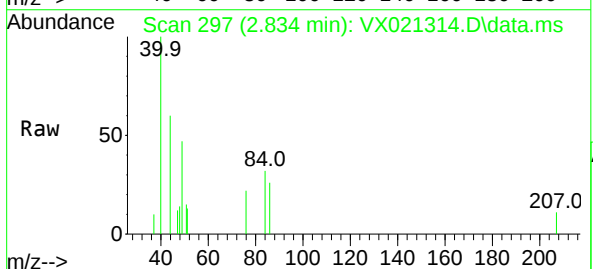
Instrument :
MSVOA_X
ClientSampled :

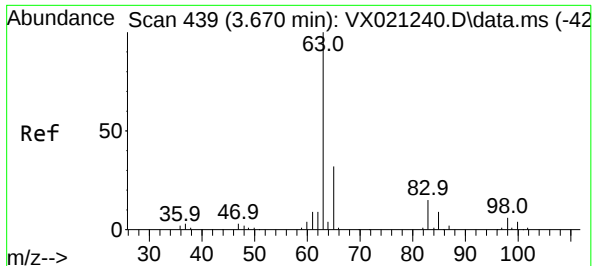
Tgt Ion: 76 Resp: 416
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 84 Resp: 276
Ion Ratio Lower Upper
84 100
49 150.6 88.6 132.8#
51 87.5 27.0 40.6#
86 81.0 50.3 75.5#

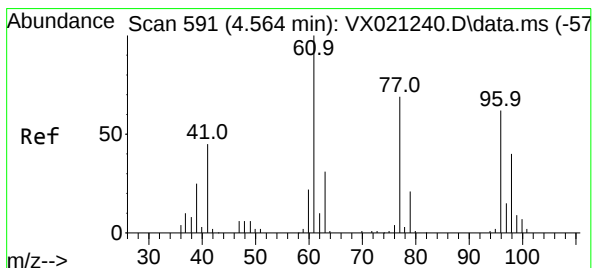
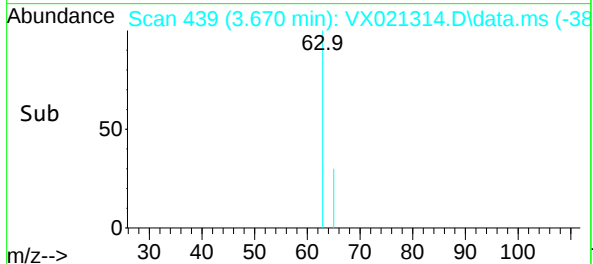
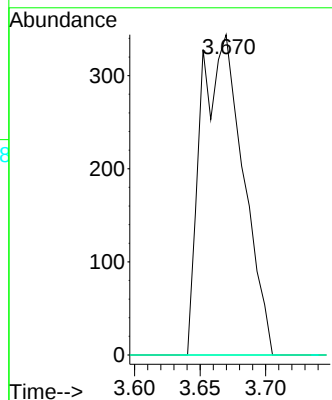
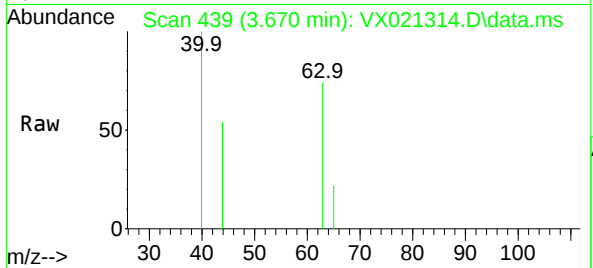




#24
1,1-Dichloroethane
Concen: 0.45 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

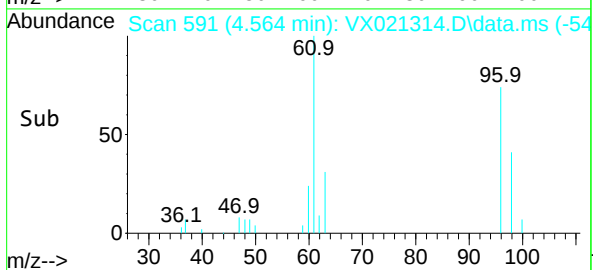
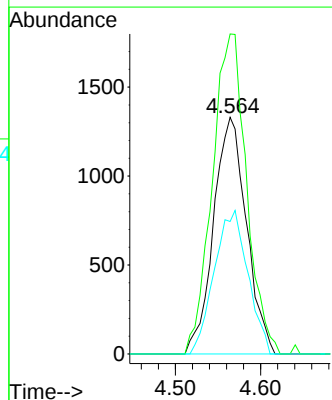
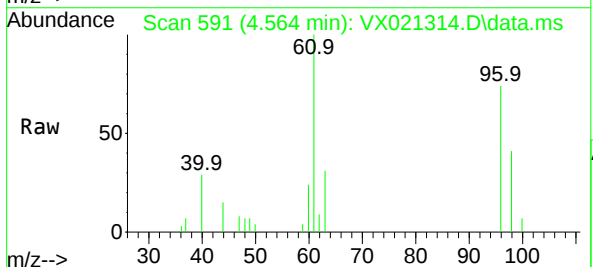
Instrument :
MSVOA_X
ClientSampled :

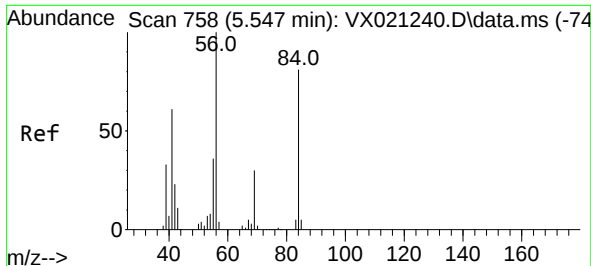
Tgt Ion: 63 Resp: 767
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 3.50 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 96 Resp: 3573
Ion Ratio Lower Upper
96 100
61 140.6 0.0 285.6
98 62.0 0.0 129.6

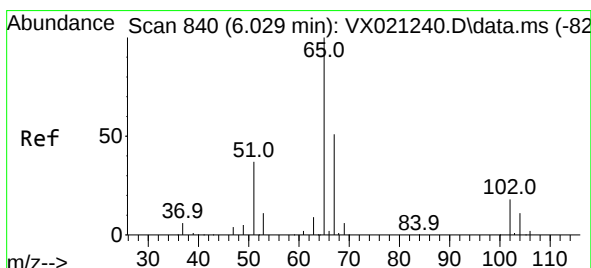
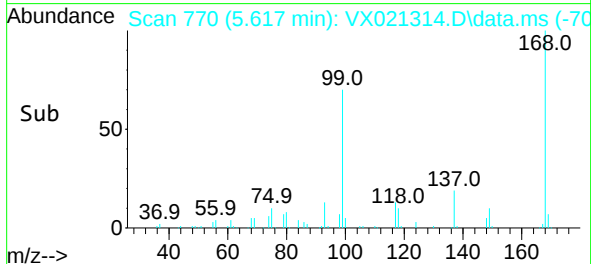
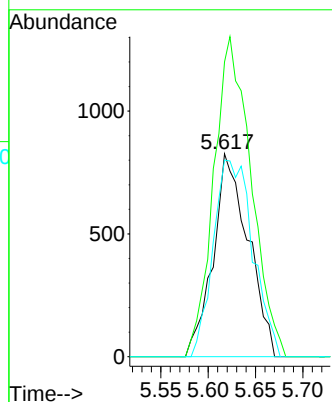
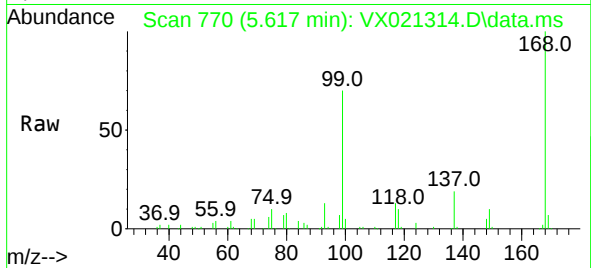




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

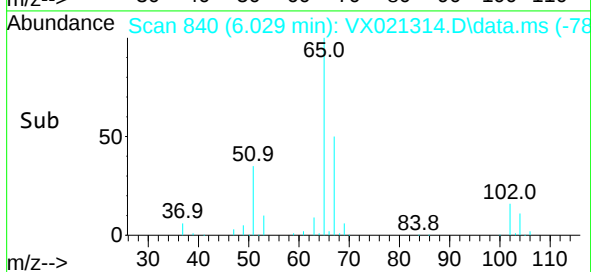
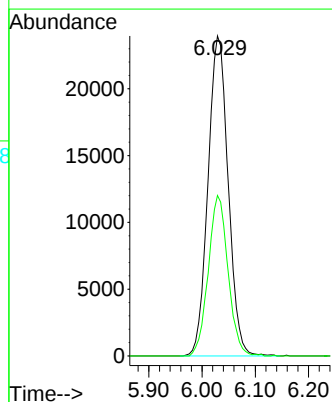
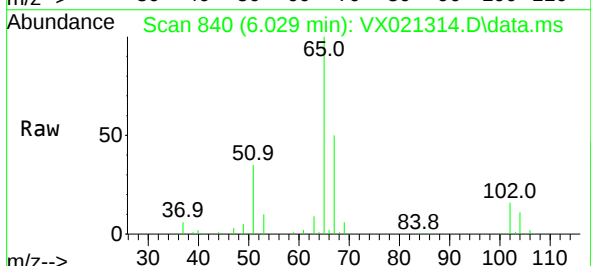
Instrument :
MSVOA_X
ClientSampleId :

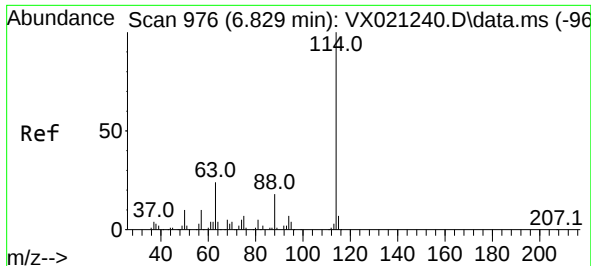
Tgt Ion: 56 Resp: 2128
Ion Ratio Lower Upper
56 100
69 145.3 25.3 37.9#
84 97.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 49.21 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 65 Resp: 63053
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.4

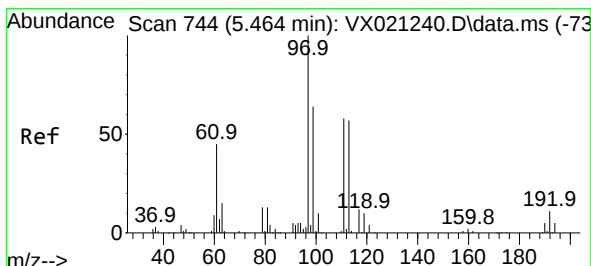
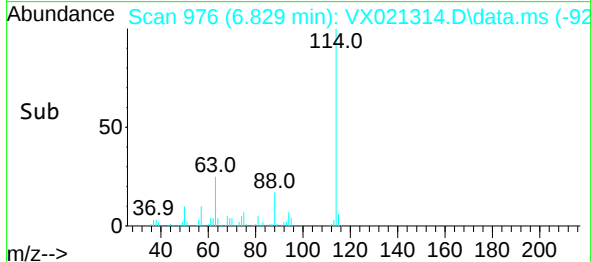
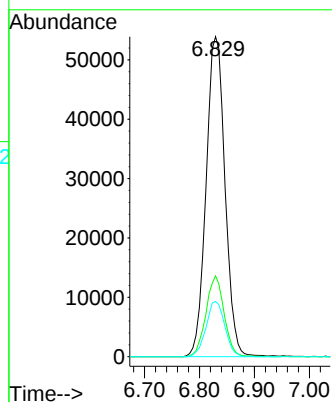
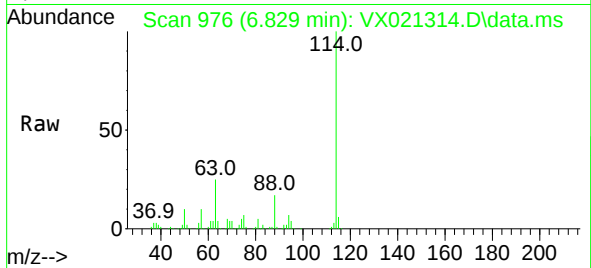




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

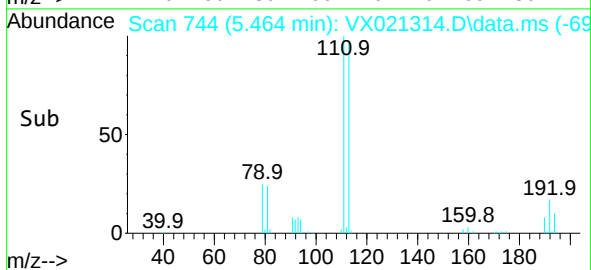
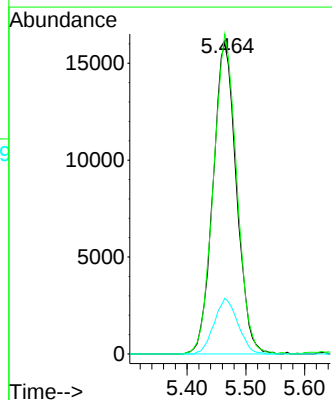
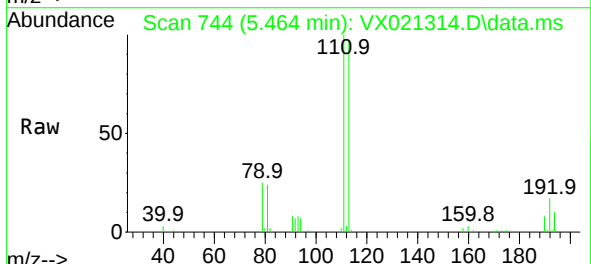
Instrument :
MSVOA_X
ClientSampled :

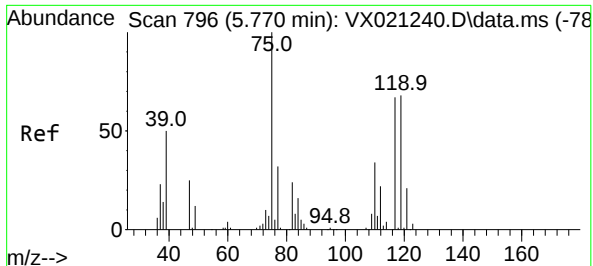
Tgt Ion:114 Resp: 128888
Ion Ratio Lower Upper
114 100
63 25.2 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.65 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion:113 Resp: 44423
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 18.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.44 ug/l

RT: 5.623 min Scan# 771

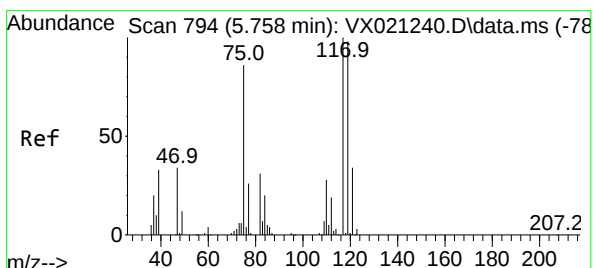
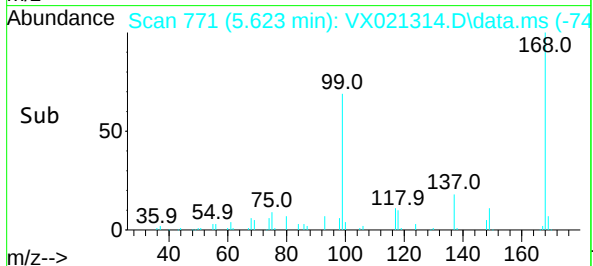
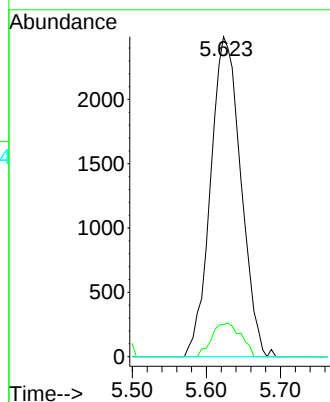
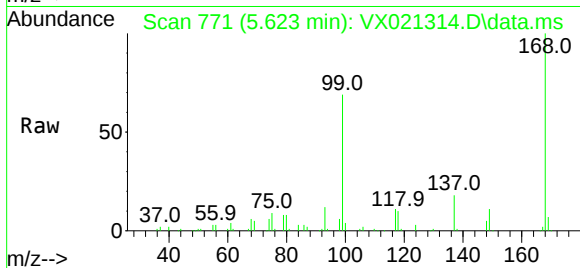
Delta R.T. -0.147 min

Lab File: VX021314.D

Acq: 19 Mar 2021 19:57

Tgt Ion:	75	Resp:	7063
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.57 ug/l

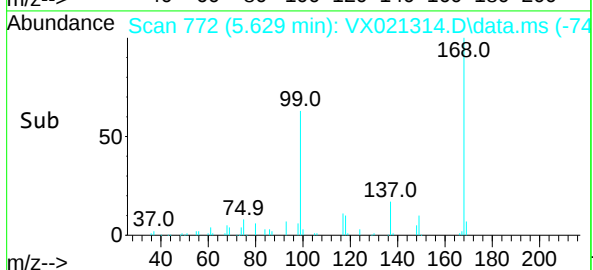
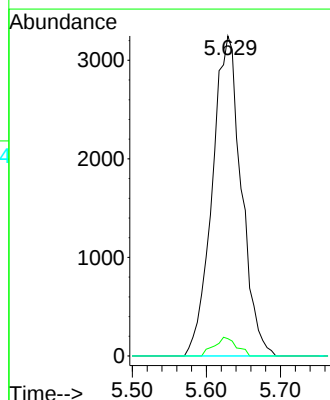
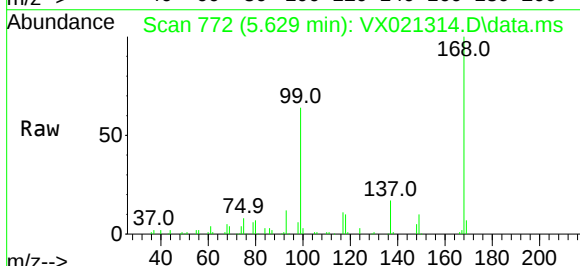
RT: 5.629 min Scan# 772

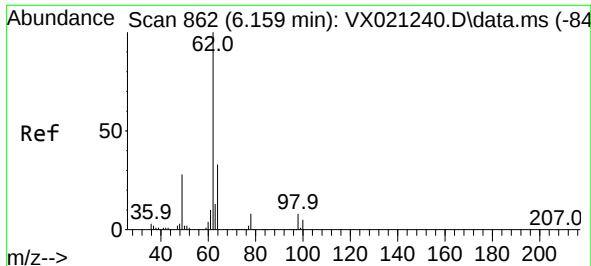
Delta R.T. -0.129 min

Lab File: VX021314.D

Acq: 19 Mar 2021 19:57

Tgt Ion:	117	Resp:	8859
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.2	114.2#
121	0.0	24.8	37.2#





#42

1,2-Dichloroethane

Concen: 0.33 ug/l

RT: 6.158 min Scan# 862

Delta R.T. -0.001 min

Lab File: VX021314.D

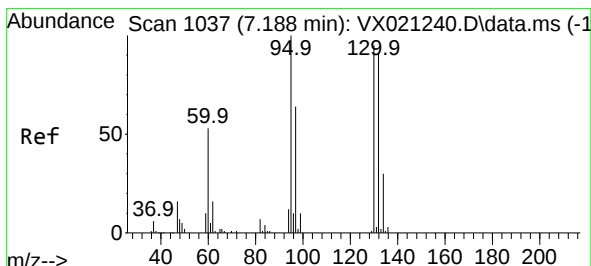
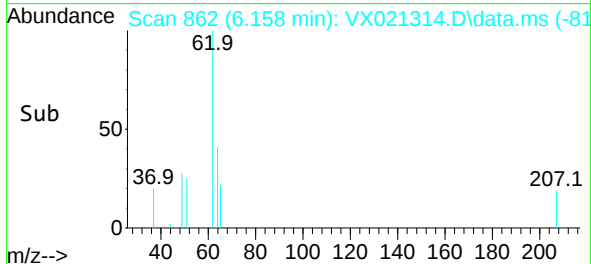
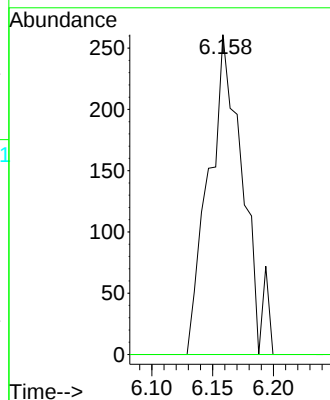
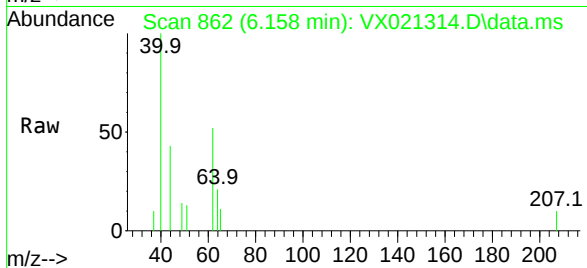
Acq: 19 Mar 2021 19:57

Tgt Ion: 62 Resp: 507

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 14.44 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021314.D

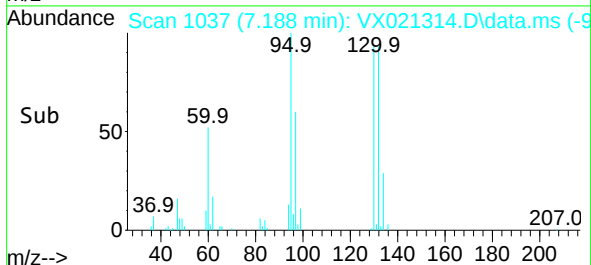
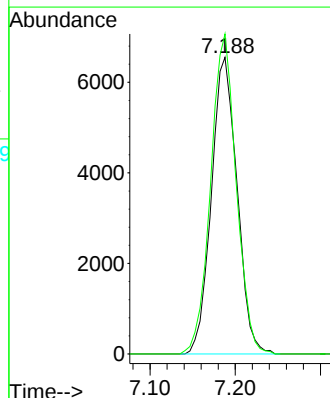
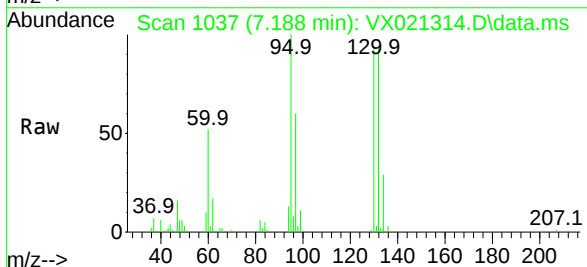
Acq: 19 Mar 2021 19:57

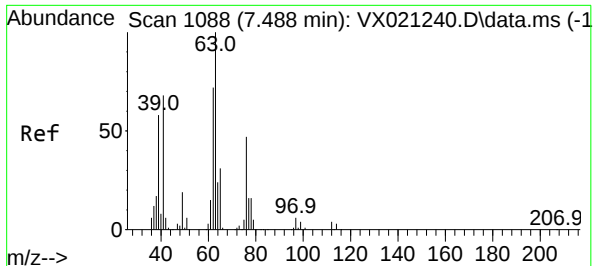
Tgt Ion: 130 Resp: 13724

Ion Ratio Lower Upper

130 100

95 107.9 0.0 198.0





#45

1,2-Dichloropropane

Concen: 4.31 ug/l

RT: 7.488 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VX021314.D

Acq: 19 Mar 2021 19:57

Tgt Ion: 63 Resp: 4148

Ion Ratio Lower Upper

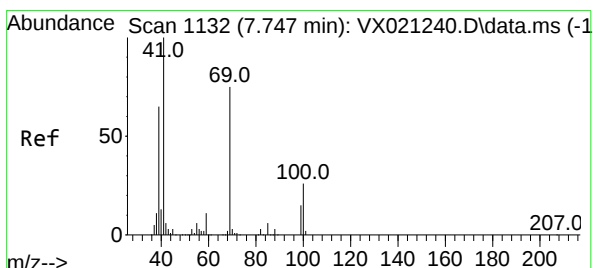
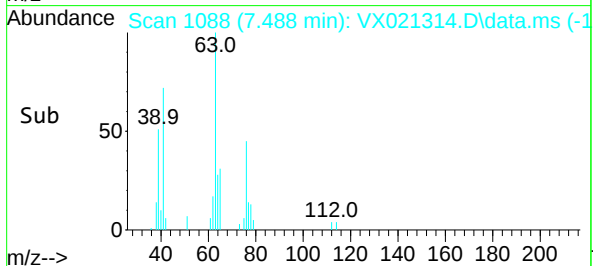
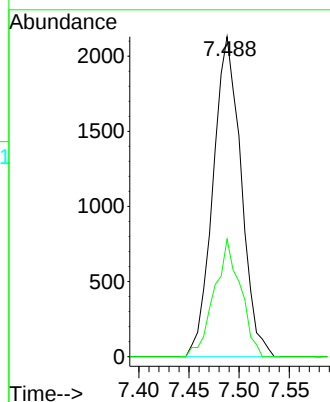
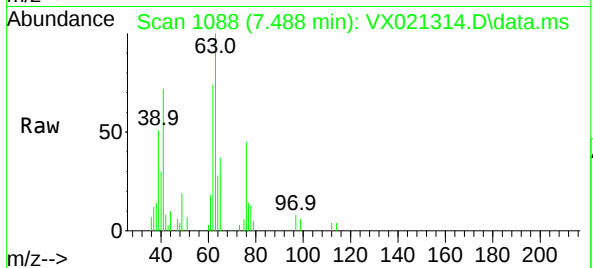
63 100

65 36.8 25.7 38.5

Instrument :

MSVOA_X

ClientSampled :



#48

Methyl methacrylate

Concen: 2.37 ug/l

RT: 7.488 min Scan# 1088

Delta R.T. -0.259 min

Lab File: VX021314.D

Acq: 19 Mar 2021 19:57

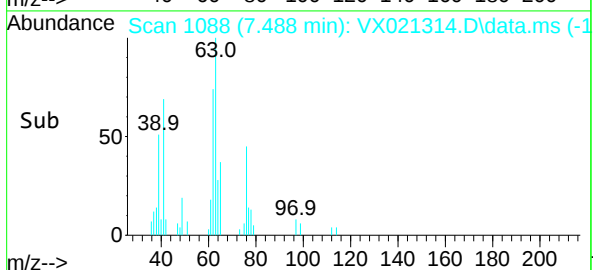
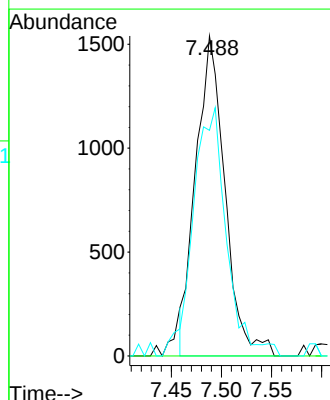
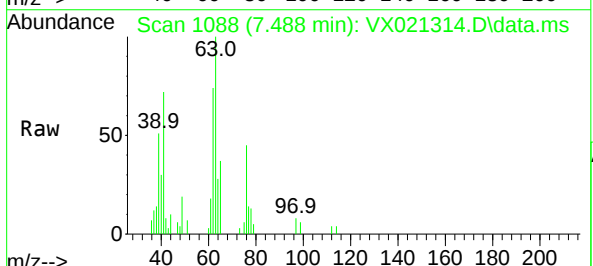
Tgt Ion: 41 Resp: 3107

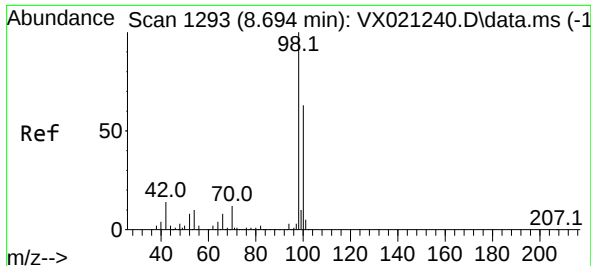
Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 75.6 44.6 67.0#

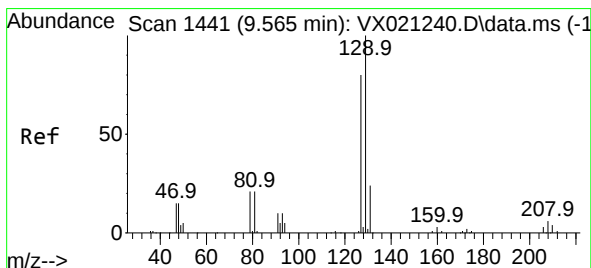
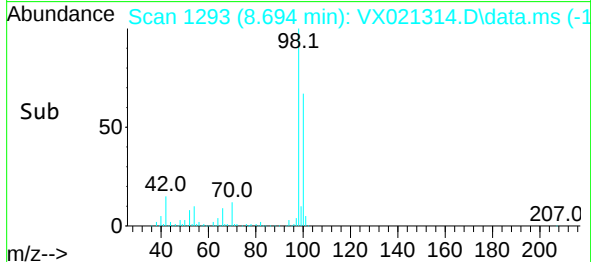
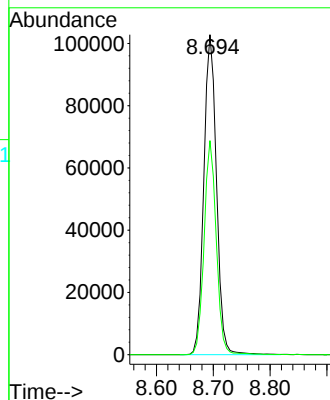
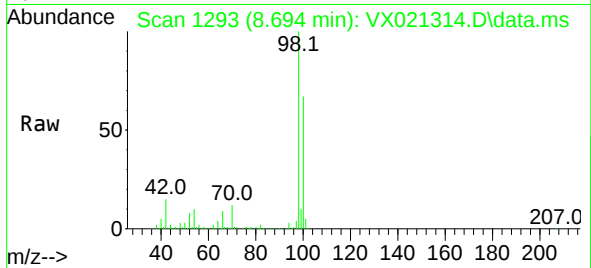




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

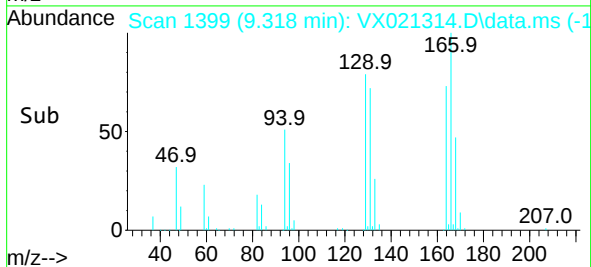
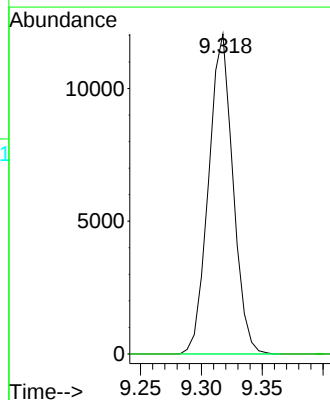
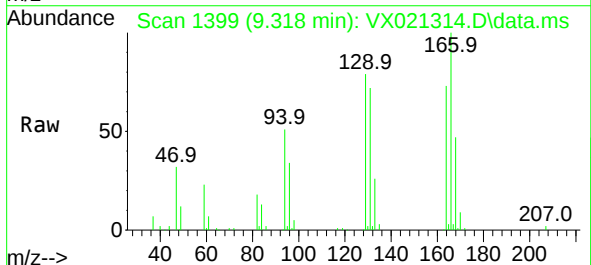
Instrument :
MSVOA_X
ClientSampled :

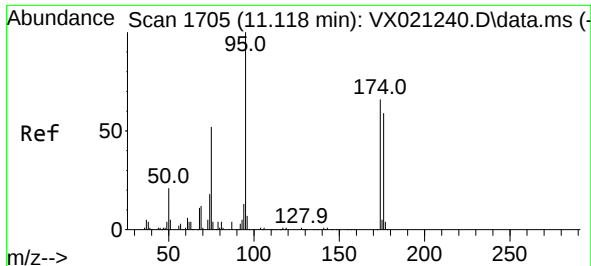
Tgt Ion: 98 Resp: 158775
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#60
Dibromochloromethane
Concen: 16.29 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 129 Resp: 16799
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

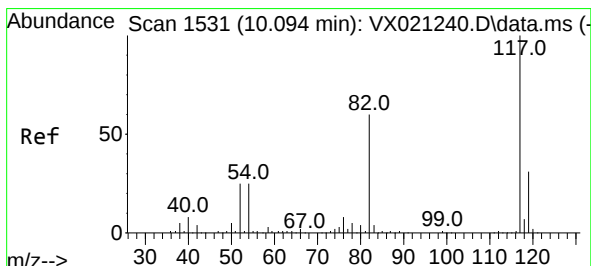
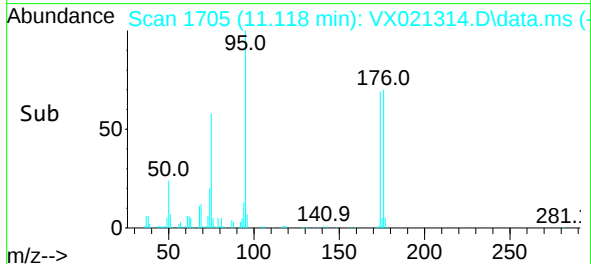
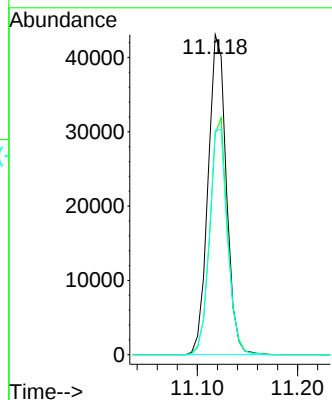
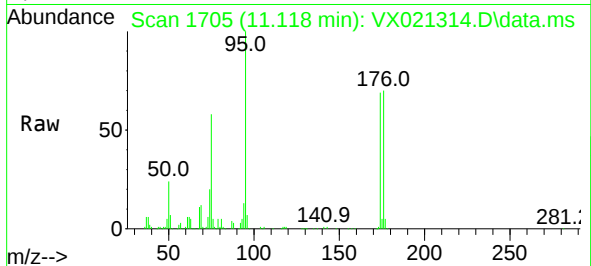




#62
4-Bromofluorobenzene
Concen: 44.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

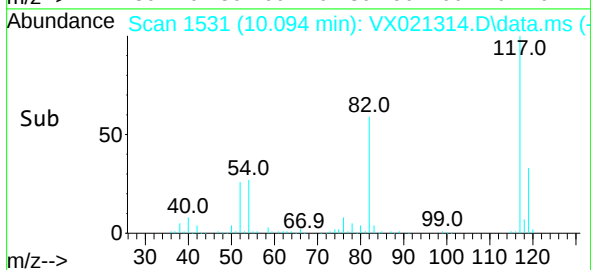
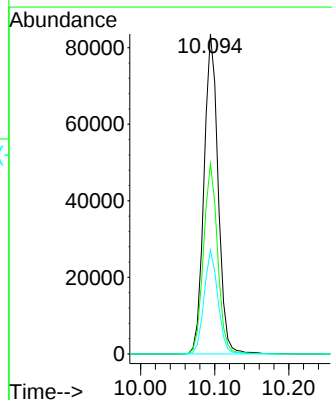
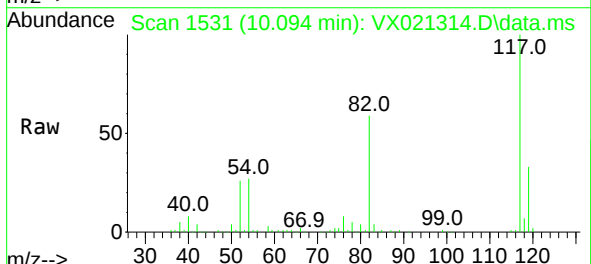
Instrument :
MSVOA_X
ClientSampleId :

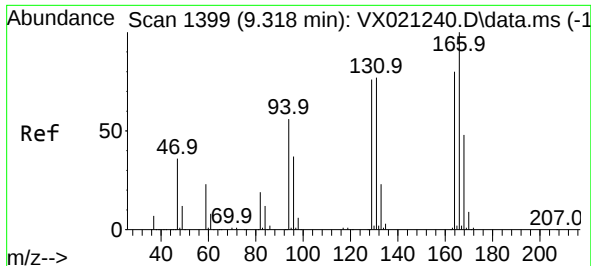
Tgt Ion: 95 Resp: 54422
Ion Ratio Lower Upper
95 100
174 71.4 0.0 154.6
176 70.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

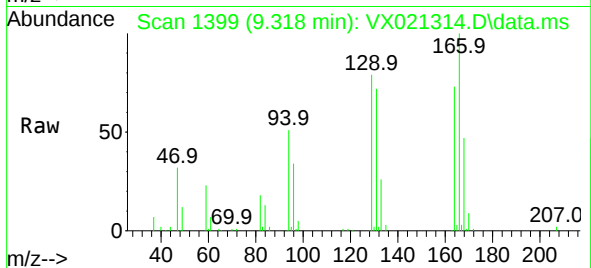
Tgt Ion: 117 Resp: 110758
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.5 26.6 39.8



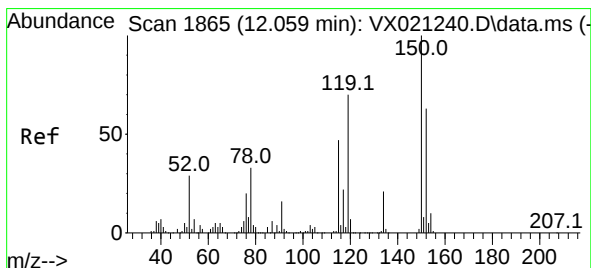
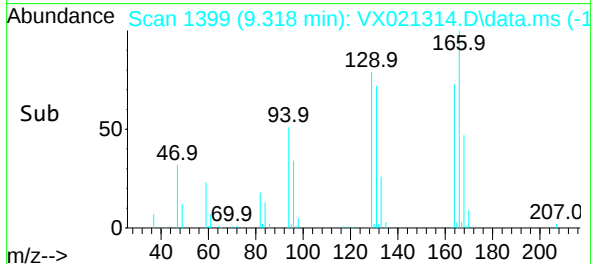
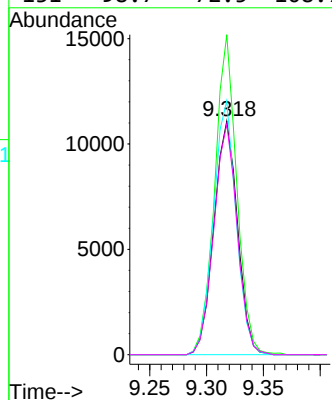


#64
Tetrachloroethene
Concen: 19.44 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

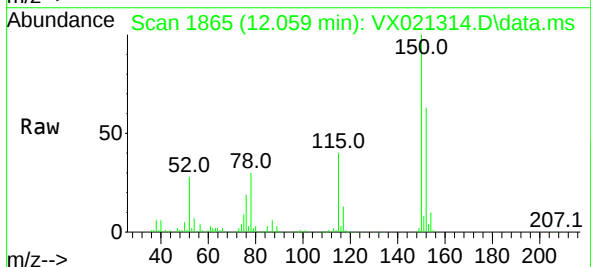
Instrument :
MSVOA_X
ClientSampleId :



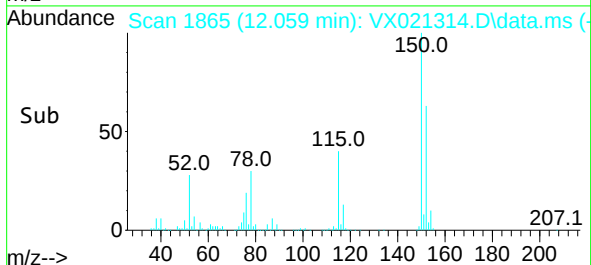
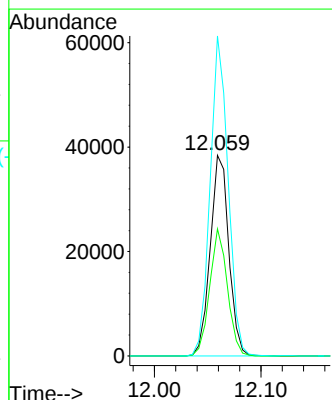
Tgt Ion:164 Resp: 16079
Ion Ratio Lower Upper
164 100
166 137.0 103.4 155.2
129 108.7 70.8 106.2#
131 98.7 72.5 108.7

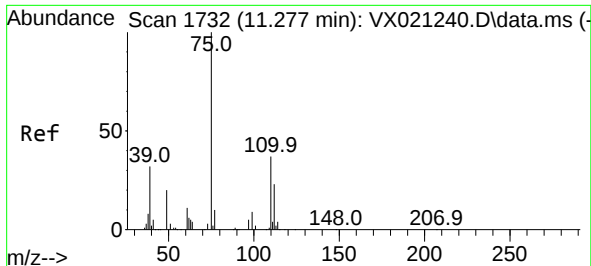


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57



Tgt Ion:152 Resp: 46662
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 153.9 0.0 349.0

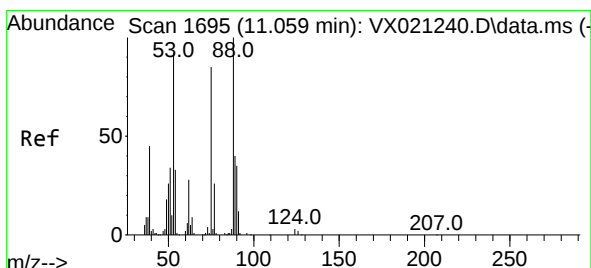
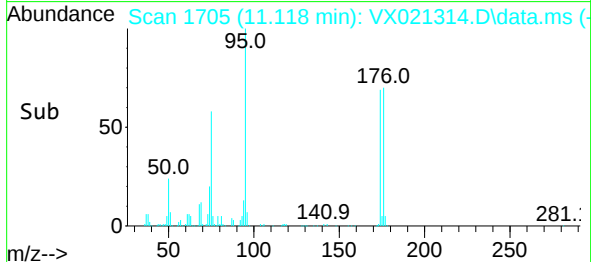
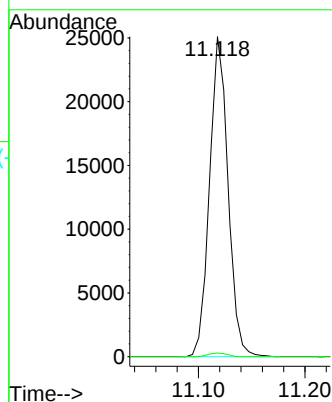
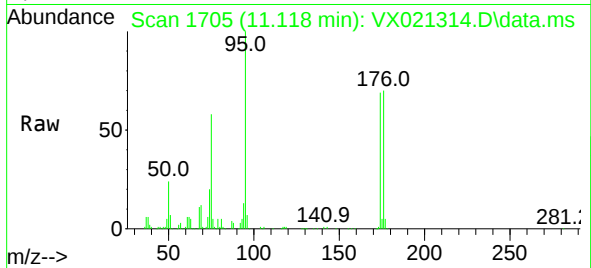




#76
1,2,3-Trichloropropane
Concen: 28.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30341
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021314.D
Acq: 19 Mar 2021 19:57

Tgt Ion: 75 Resp: 30341
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

