

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021365.D
 Acq On : 22 Mar 2021 17:50
 Operator : JC/MD
 Sample : M1735-15DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:03:08 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)

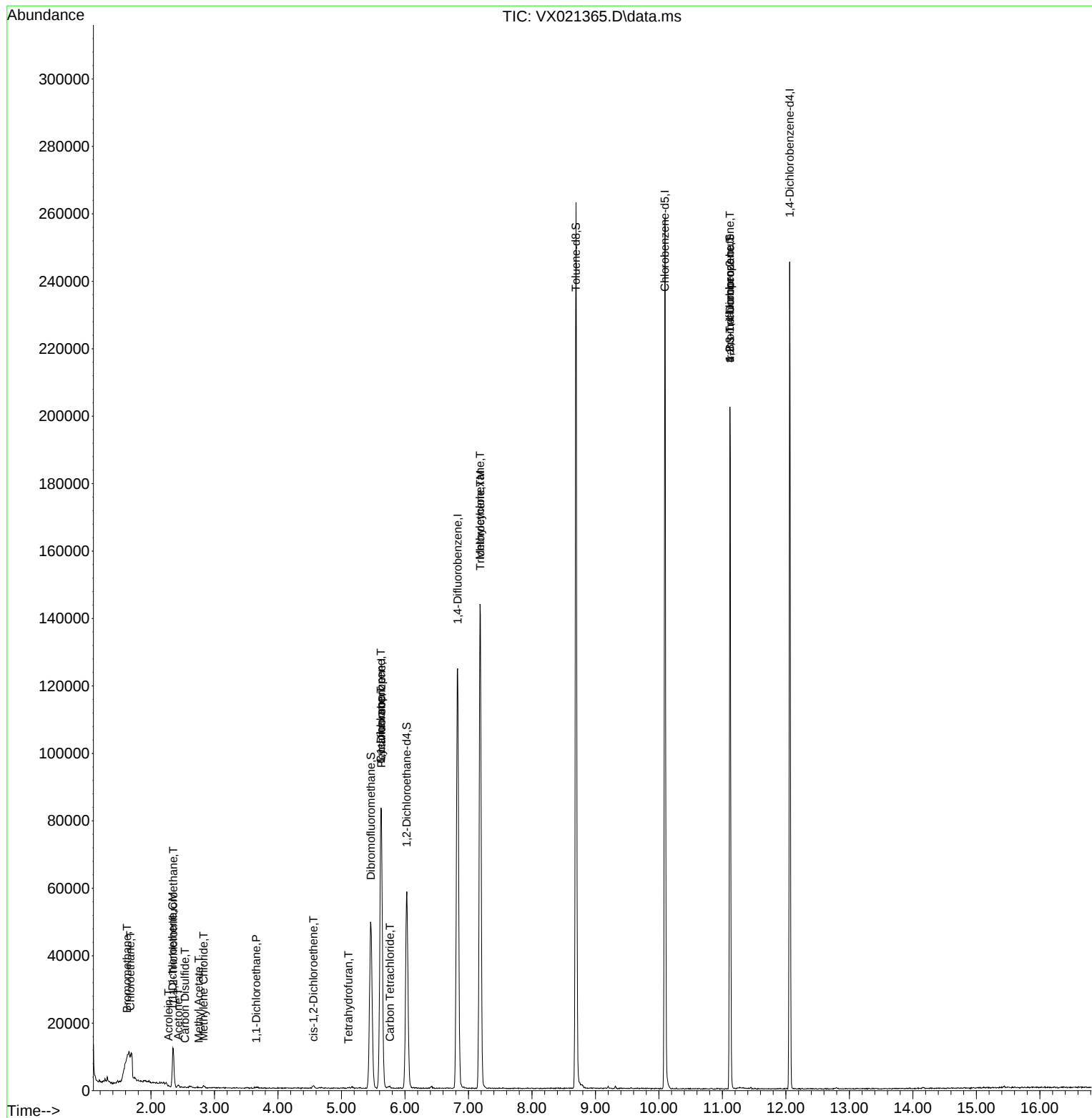
Internal Standards						
1) Pentafluorobenzene	5.629	168	71779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	105274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57513	48.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.70%		
35) Dibromofluoromethane	5.464	113	41043	50.82	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.64%		
50) Toluene-d8	8.694	98	144592	49.34	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.68%		
62) 4-Bromofluorobenzene	11.118	95	51805	45.52	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.04%		
Target Compounds					Qvalue	
3) Chloromethane	1.311	50	1253	Below Cal		98
5) Bromomethane	1.623	94	379	0.99 ug/l		91
6) Chloroethane	1.676	64	172	0.32 ug/l #		68
9) 1,1,2-Trichlorotrifluo...	2.352	101	3106	4.14 ug/l		95
12) 1,1-Dichloroethene	2.340	96	1359	1.86 ug/l		91
13) Acrolein	2.276	56	21	3.30 ug/l #		14
16) Acetone	2.429	43	793	1.83 ug/l		99
17) Carbon Disulfide	2.535	76	137	0.60 ug/l #		75
18) Methyl Acetate	2.752	43	245	0.21 ug/l #		47
20) Methylene Chloride	2.829	84	337	0.38 ug/l #		92
24) 1,1-Dichloroethane	3.658	63	489	0.31 ug/l #		81
27) cis-1,2-Dichloroethene	4.558	96	459	0.49 ug/l		94
29) Tetrahydrofuran	5.111	42	126	0.29 ug/l #		27
31) Cyclohexane	5.623	56	2110	1.48 ug/l #		27
36) 1,1-Dichloropropene	5.623	75	6946	5.81 ug/l #		49
38) Carbon Tetrachloride	5.764	117	412	0.33 ug/l #		45
39) Methylcyclohexane	7.182	83	766	0.58 ug/l #		1
44) Trichloroethene	7.188	130	51155	58.43 ug/l		91
49) 1,4-Dioxane	7.723	88	39	Below Cal #		71
76) 1,2,3-Trichloropropane	11.118	75	29472	28.24 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	29472	76.68 ug/l #		12

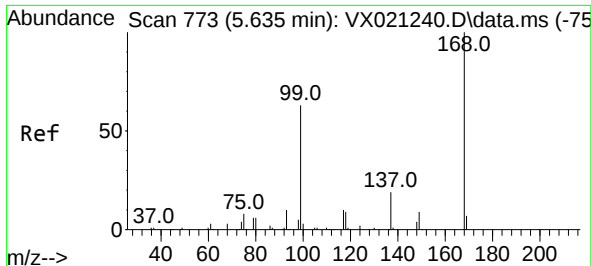
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

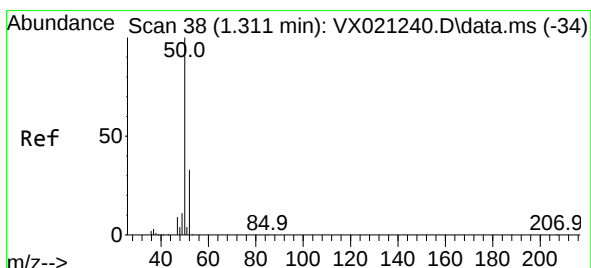
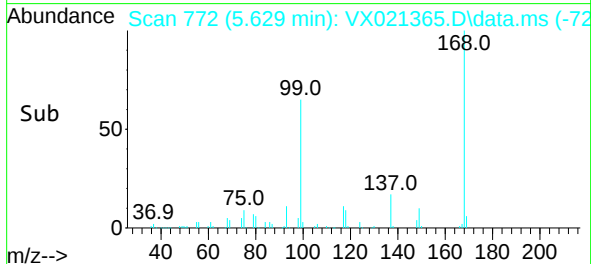
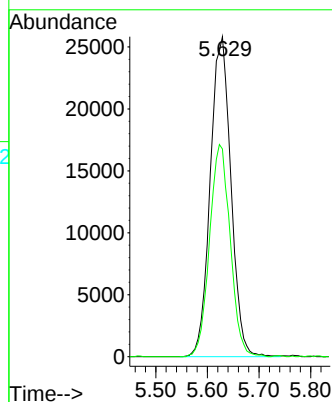
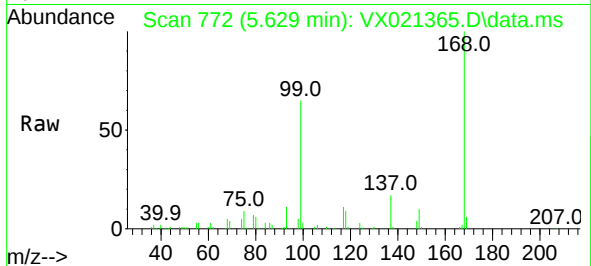




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

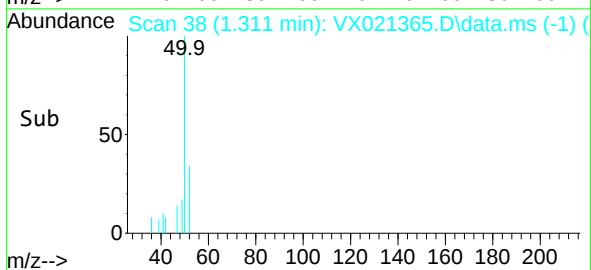
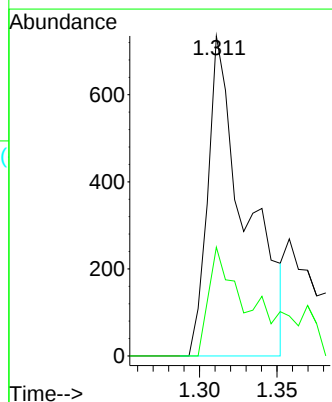
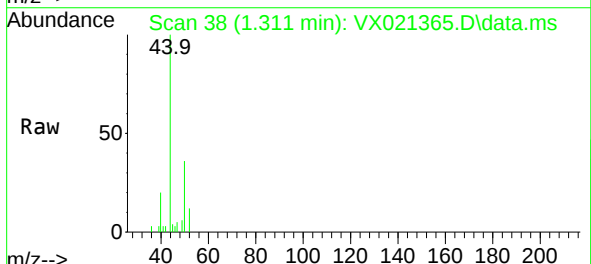
Instrument :
MSVOA_X
ClientSampleId :

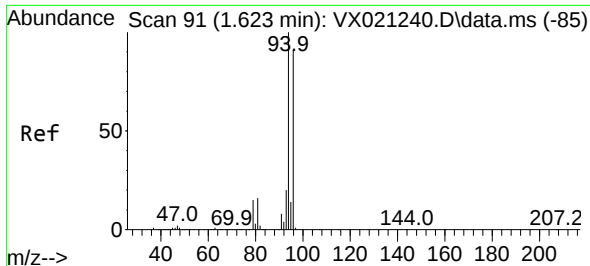
Tgt Ion:168 Resp: 71779
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Tgt Ion: 50 Resp: 1253
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6

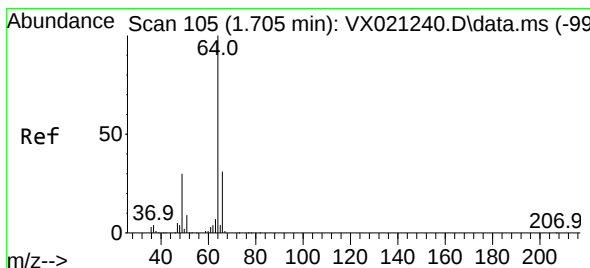
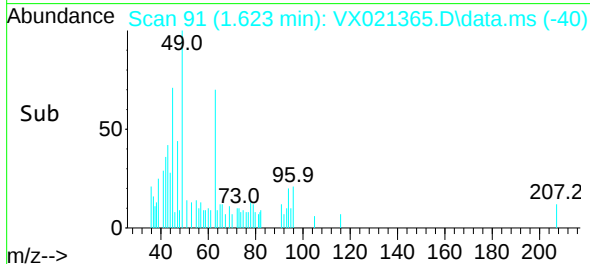
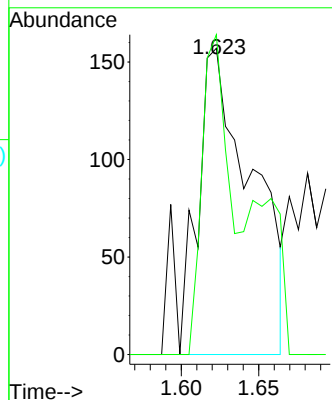
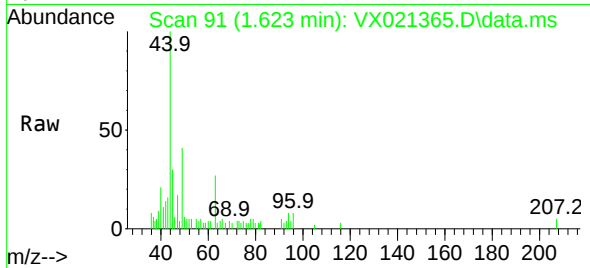




#5
Bromomethane
Concen: 0.99 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

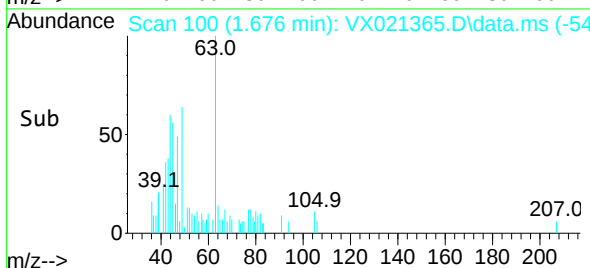
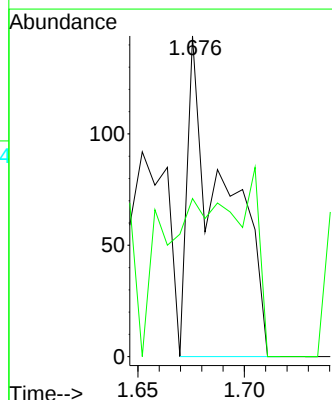
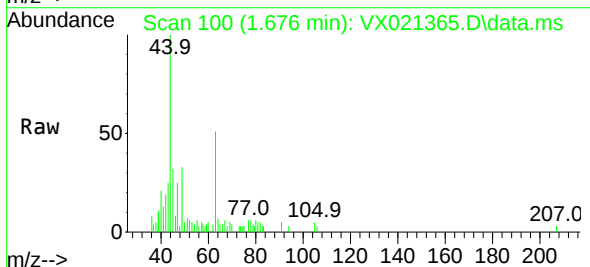
Instrument :
MSVOA_X
ClientSampled :

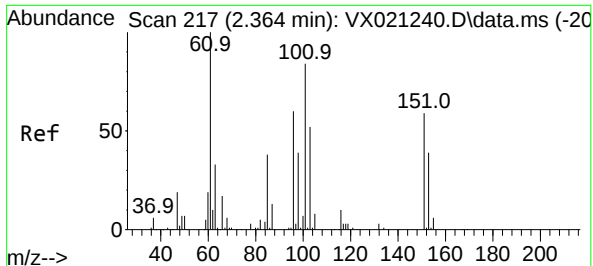
Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 104.5 76.4 114.6



#6
Chloroethane
Concen: 0.32 ug/l
RT: 1.676 min Scan# 100
Delta R.T. -0.029 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Tgt Ion: 64 Resp: 172
Ion Ratio Lower Upper
64 100
66 49.3 25.4 38.0#

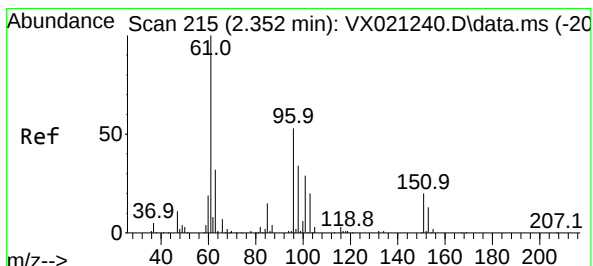
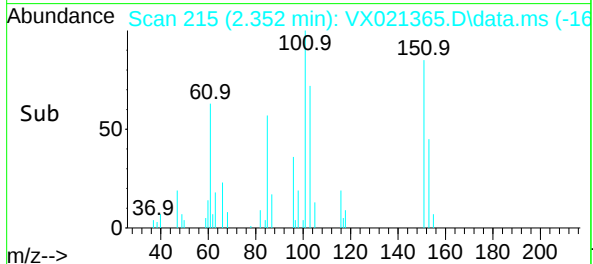
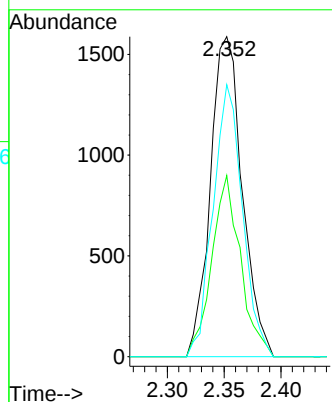
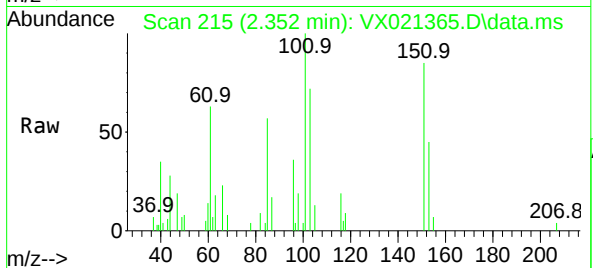




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.14 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

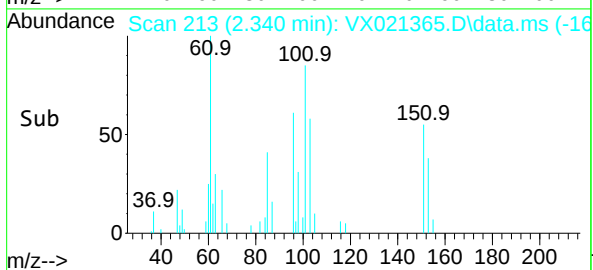
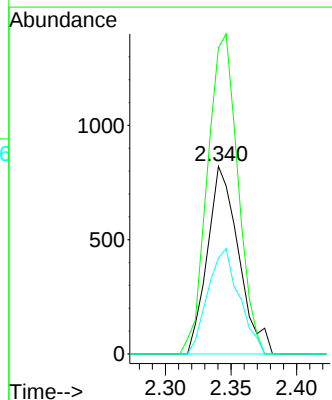
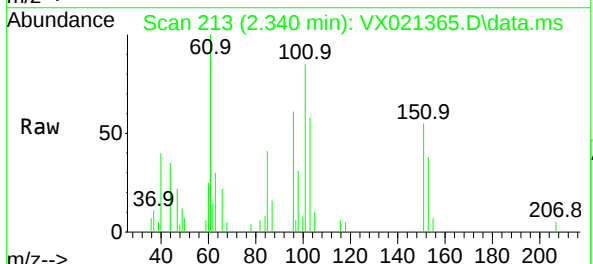
Instrument :
MSVOA_X
ClientSampleId :

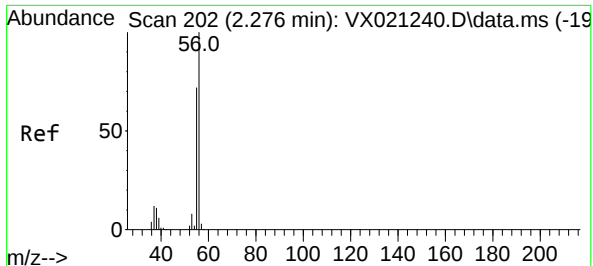
Tgt Ion:101 Resp: 3106
Ion Ratio Lower Upper
101 100
85 50.8 34.9 52.3
151 78.6 61.4 92.2



#12
1,1-Dichloroethene
Concen: 1.86 ug/l
RT: 2.340 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

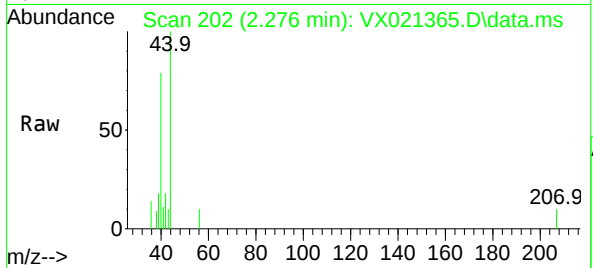
Tgt Ion: 96 Resp: 1359
Ion Ratio Lower Upper
96 100
61 163.1 124.6 187.0
98 51.2 50.6 76.0



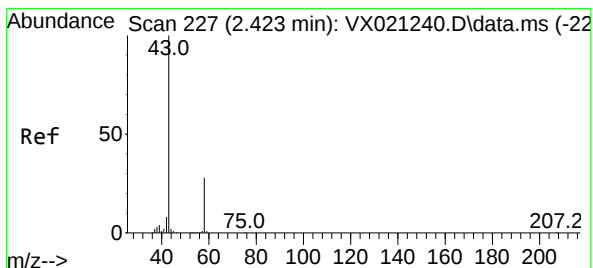
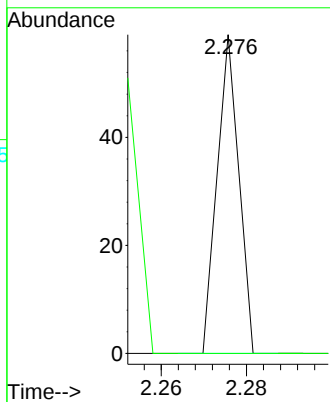
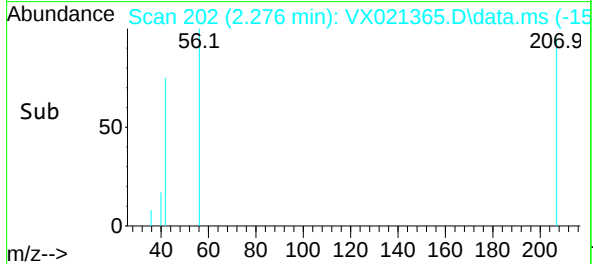


#13
Acrolein
Concen: 3.30 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

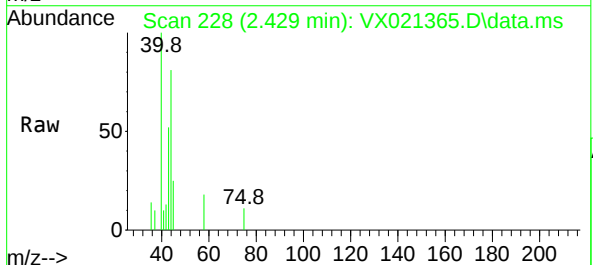
Instrument :
MSVOA_X
ClientSampleId :



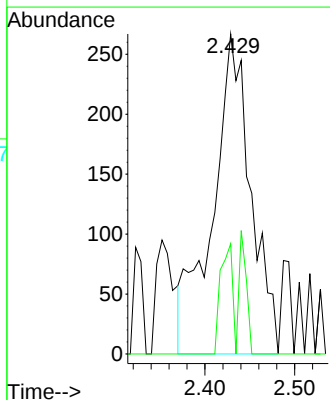
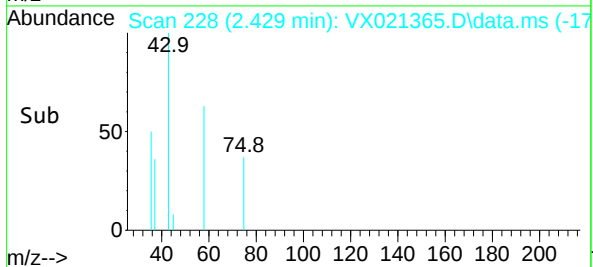
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

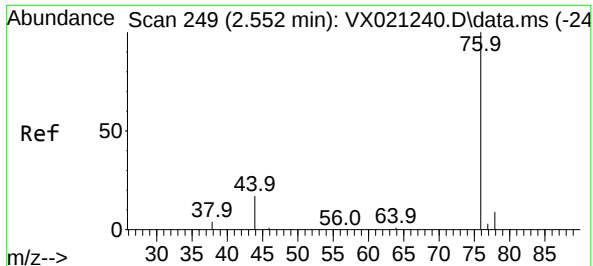


#16
Acetone
Concen: 1.83 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50



Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8

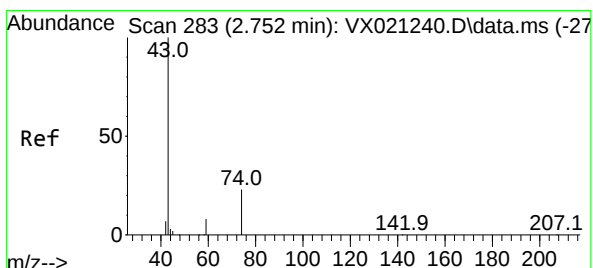
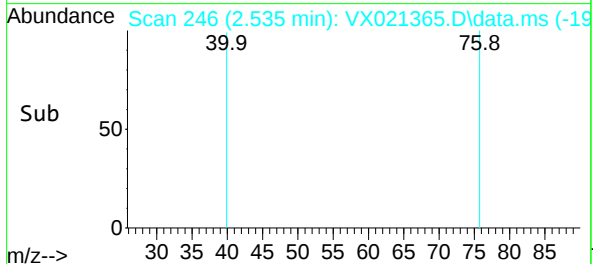
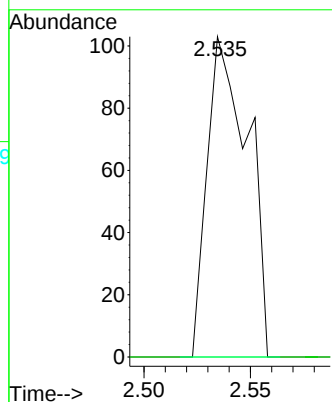
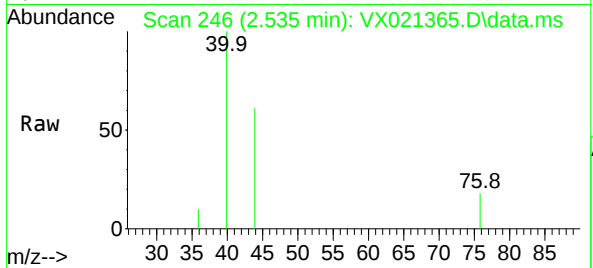




#17
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.535 min Scan# 246
Delta R.T. -0.017 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

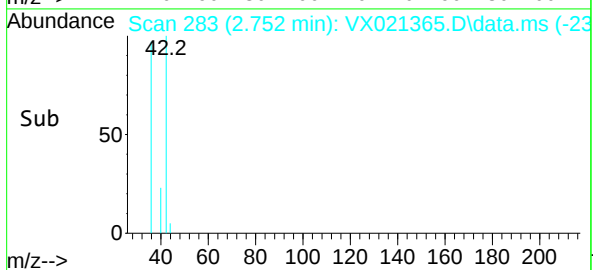
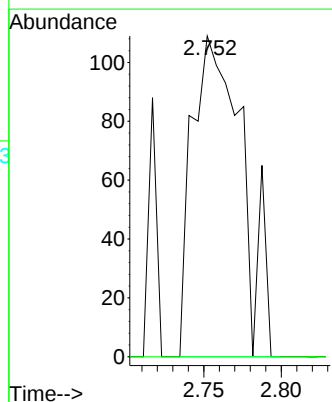
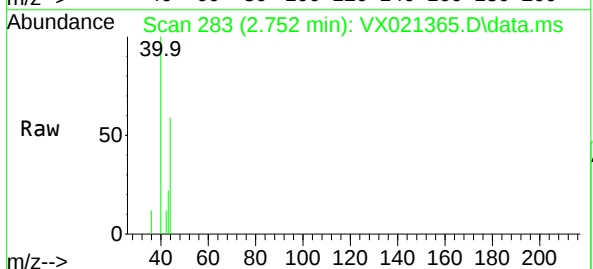
Instrument :
MSVOA_X
ClientSampleId :

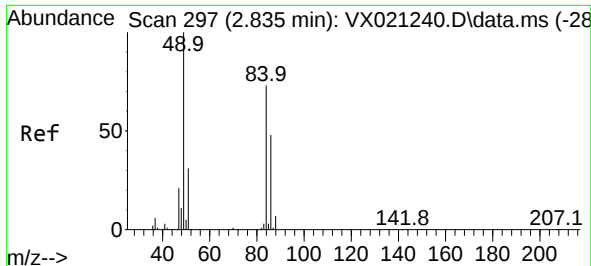
Tgt Ion: 76 Resp: 137
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

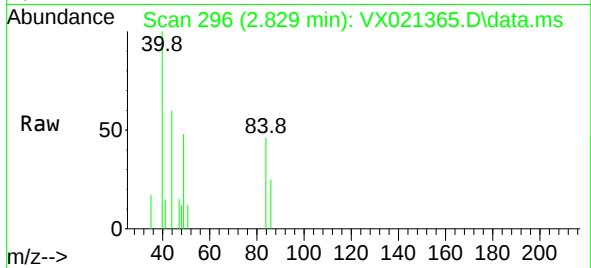
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





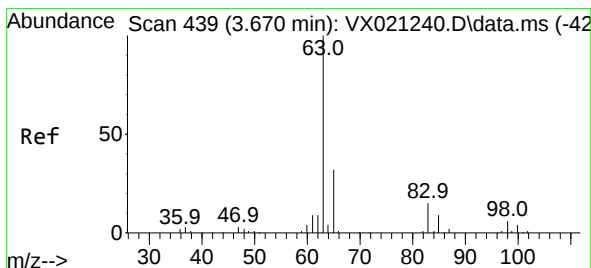
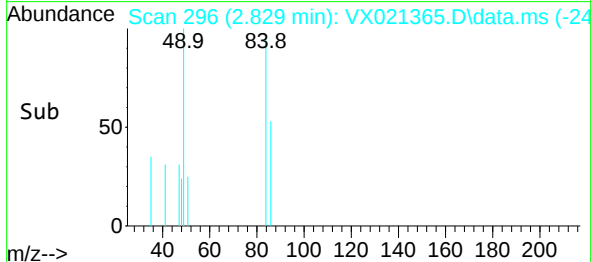
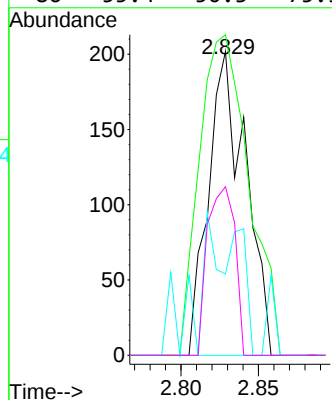
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Methylene Chloride
Concen: 0.38 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 337

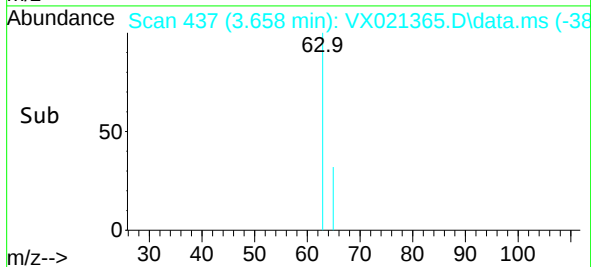
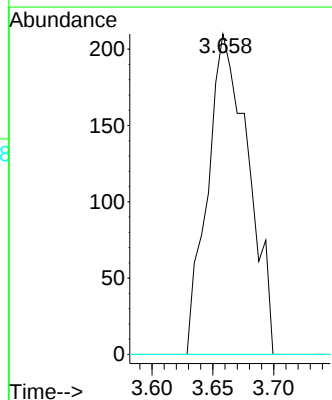
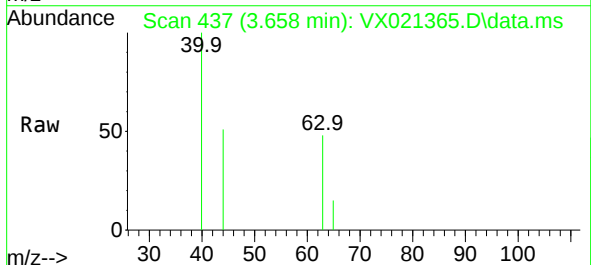
Ion	Ratio	Lower	Upper
84	100		
49	105.4	88.6	132.8
51	26.7	27.0	40.6#
86	55.4	50.3	75.5

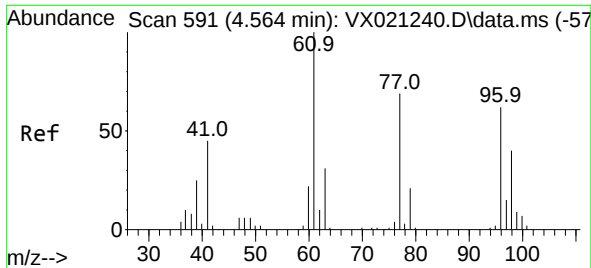


#24
1,1-Dichloroethane
Concen: 0.31 ug/l
RT: 3.658 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Tgt Ion: 63 Resp: 489

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: 0.49 ug/l

RT: 4.558 min Scan# 590

Delta R.T. -0.006 min

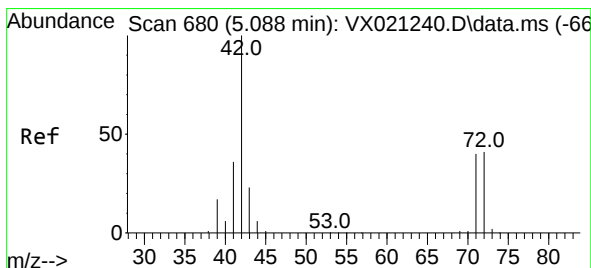
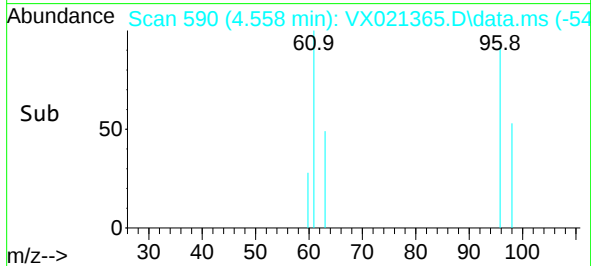
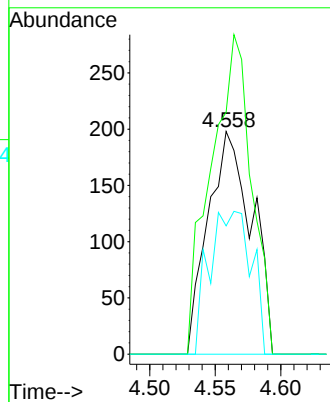
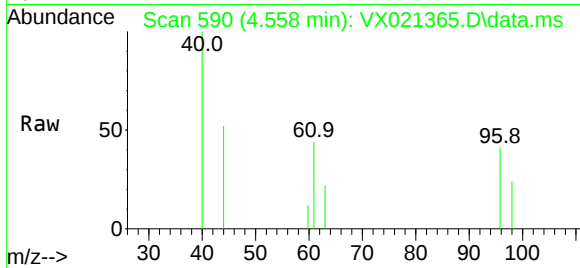
Lab File: VX021365.D

Acq: 22 Mar 2021 17:50

Tgt Ion: 96 Resp: 459

Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	285.6
98	62.3	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :



#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 5.111 min Scan# 684

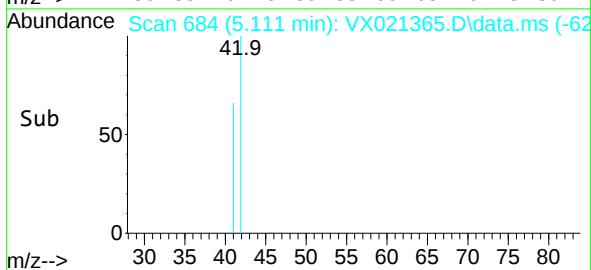
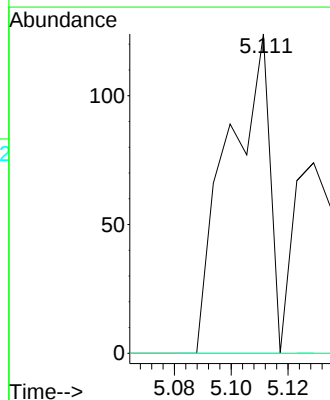
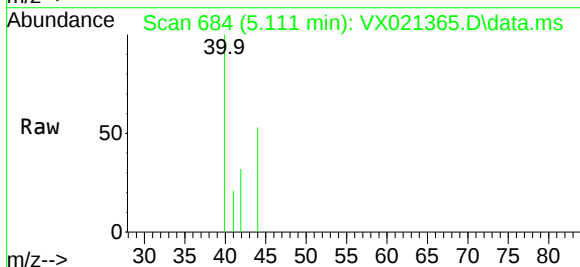
Delta R.T. 0.023 min

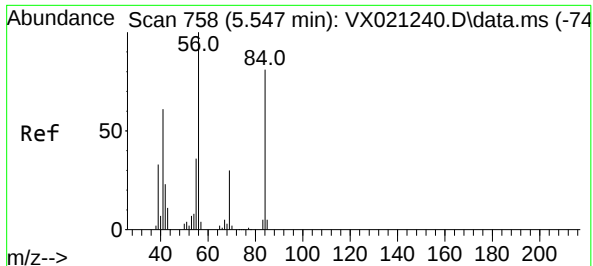
Lab File: VX021365.D

Acq: 22 Mar 2021 17:50

Tgt Ion: 42 Resp: 126

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

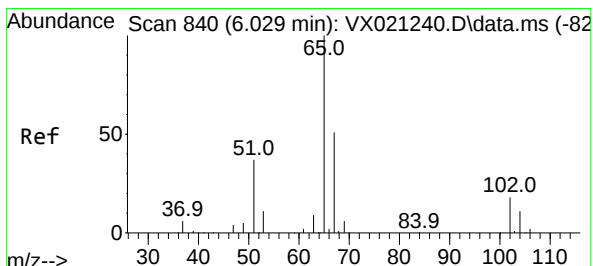
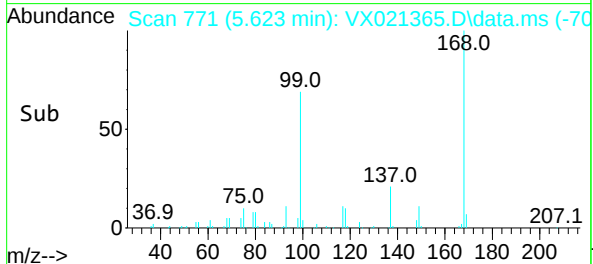
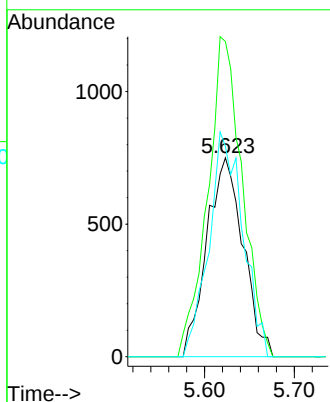
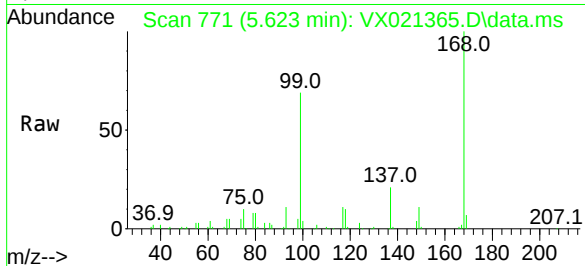




#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

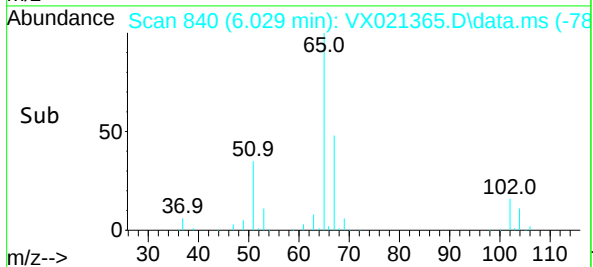
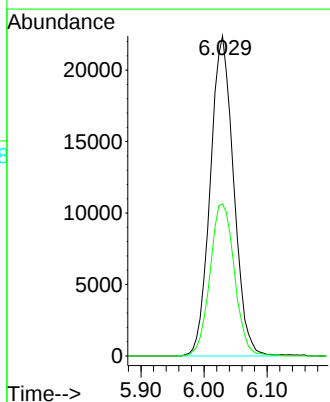
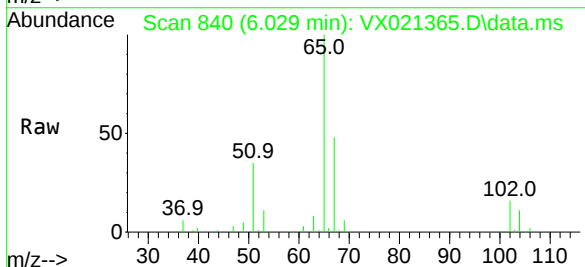
Instrument :
MSVOA_X
ClientSampleId :

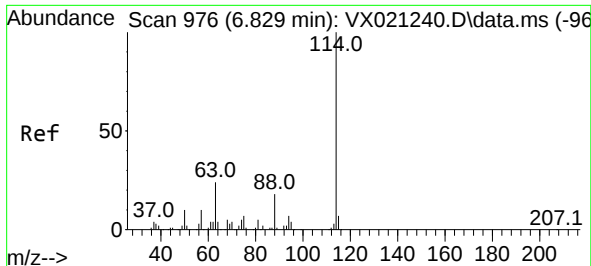
Tgt Ion: 56 Resp: 2110
Ion Ratio Lower Upper
56 100
69 158.5 25.3 37.9#
84 105.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.85 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Tgt Ion: 65 Resp: 57513
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

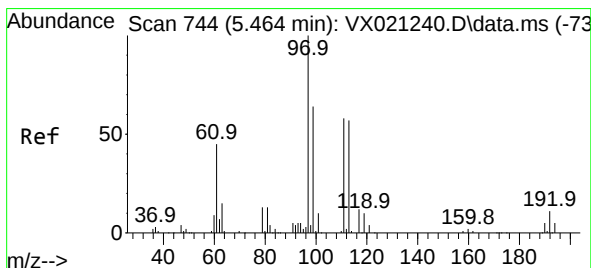
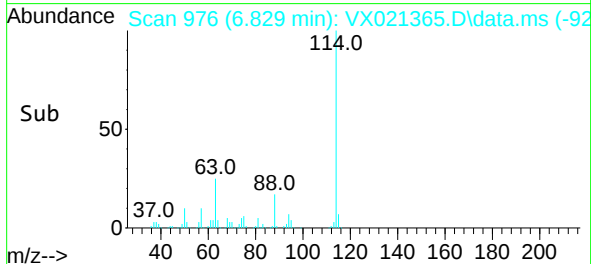
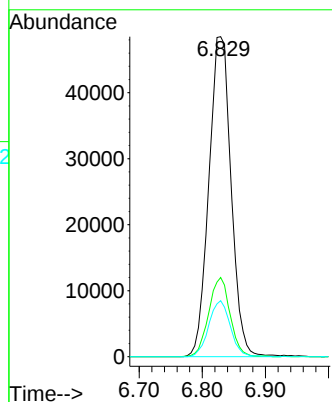
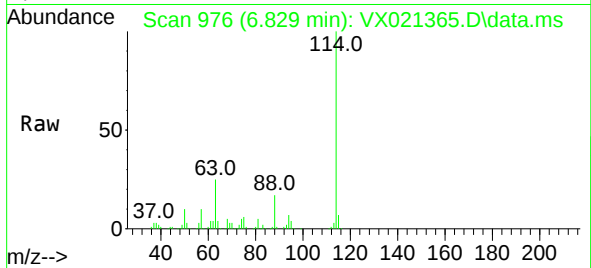




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

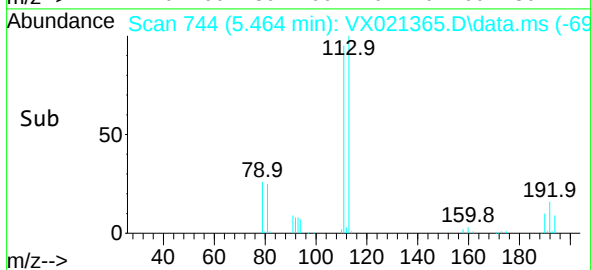
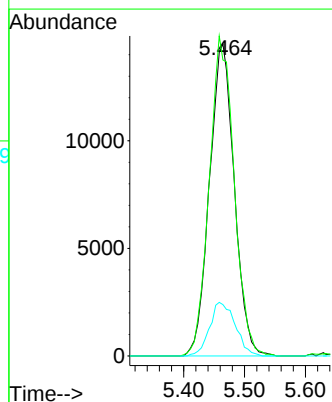
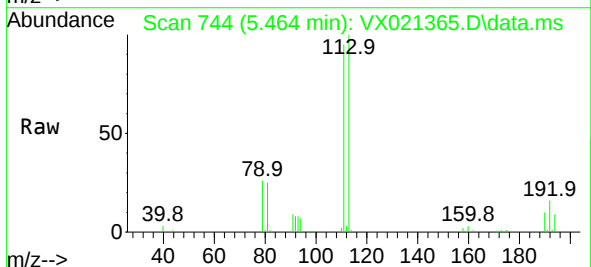
Instrument :
MSVOA_X
ClientSampleId :

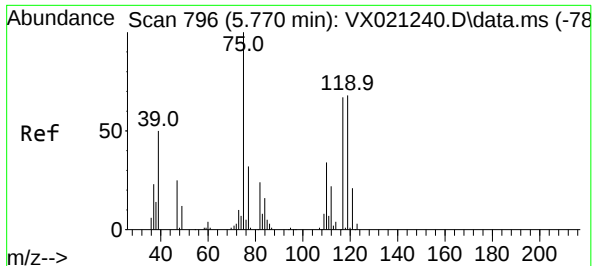
Tgt Ion:114 Resp: 118692
Ion Ratio Lower Upper
114 100
63 24.8 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

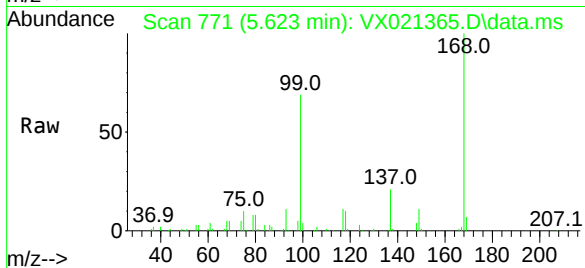
Tgt Ion:113 Resp: 41043
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 17.8 16.7 25.1



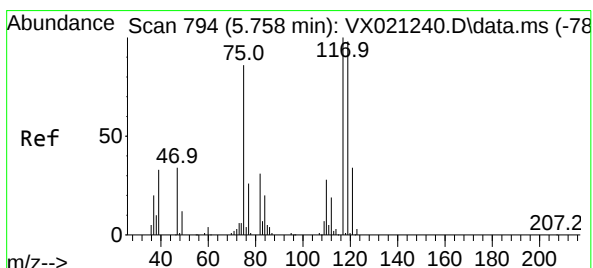
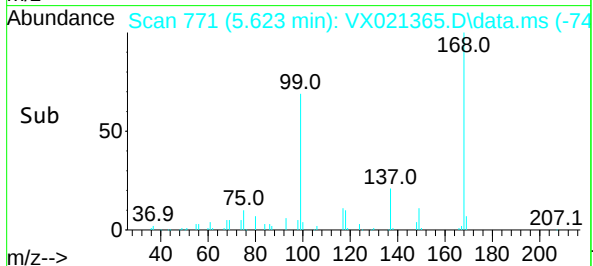
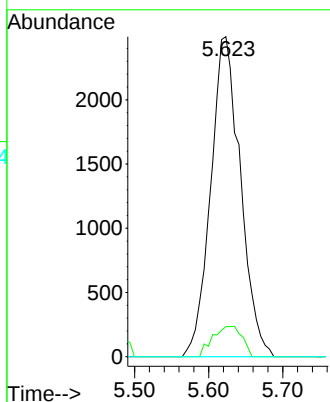


#36
1,1-Dichloropropene
Concen: 5.81 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :

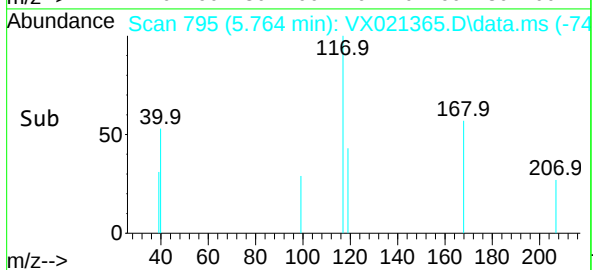
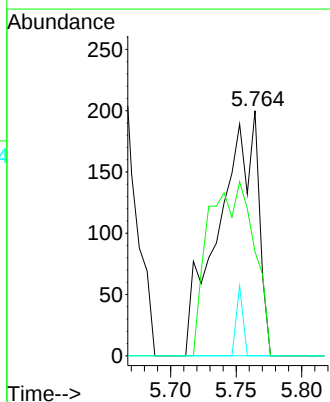
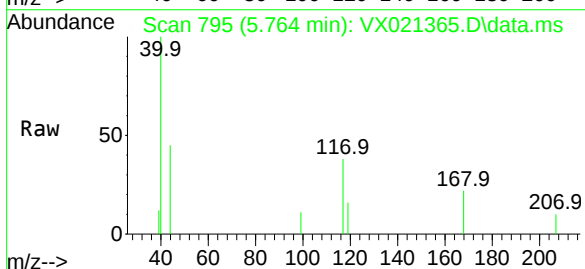


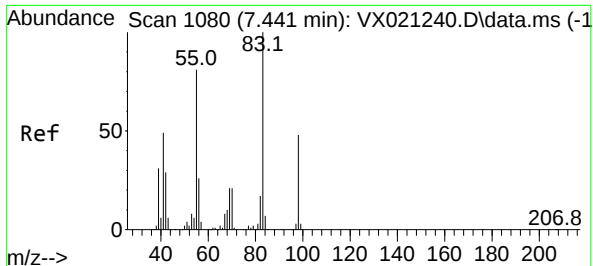
Tgt Ion: 75 Resp: 6946
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 0.33 ug/l
RT: 5.764 min Scan# 795
Delta R.T. 0.006 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Tgt Ion: 117 Resp: 412
Ion Ratio Lower Upper
117 100
119 42.5 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.58 ug/l

RT: 7.182 min Scan# 1036

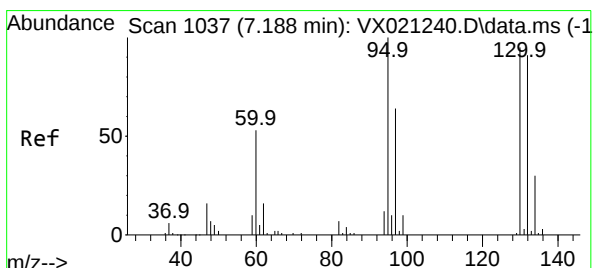
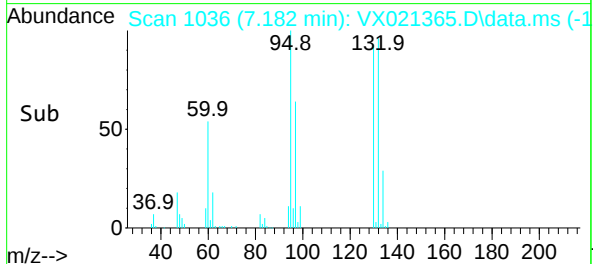
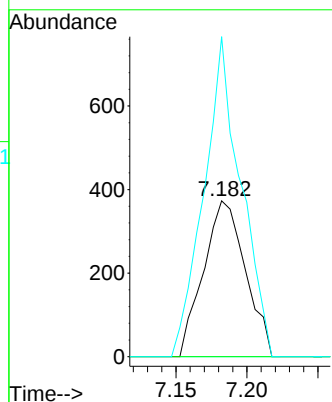
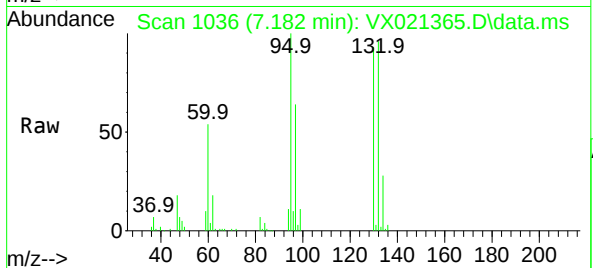
Delta R.T. -0.259 min

Lab File: VX021365.D

Acq: 22 Mar 2021 17:50

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 83	Resp: 766
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 205.4	38.1 57.1#



#44

Trichloroethene

Concen: 58.43 ug/l

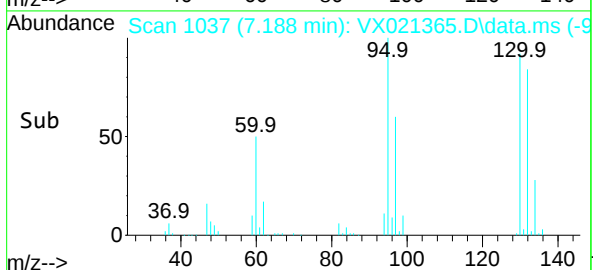
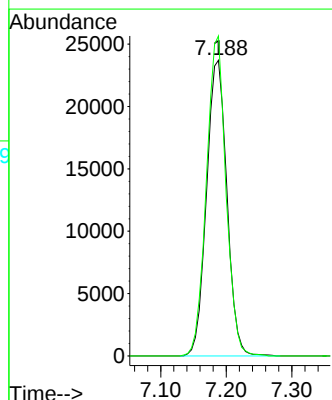
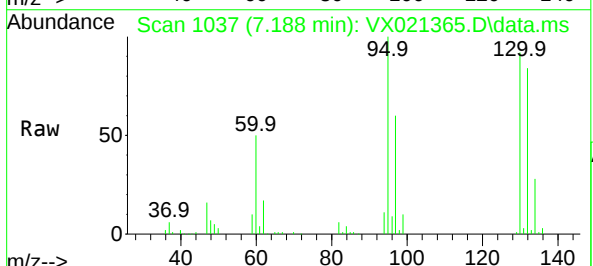
RT: 7.188 min Scan# 1037

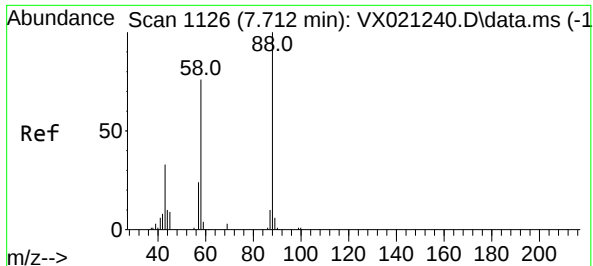
Delta R.T. 0.000 min

Lab File: VX021365.D

Acq: 22 Mar 2021 17:50

Tgt Ion: 130	Resp: 51155
Ion Ratio	Lower Upper
130 100	
95 108.2	0.0 198.0

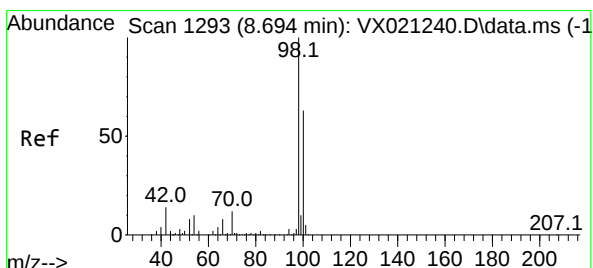
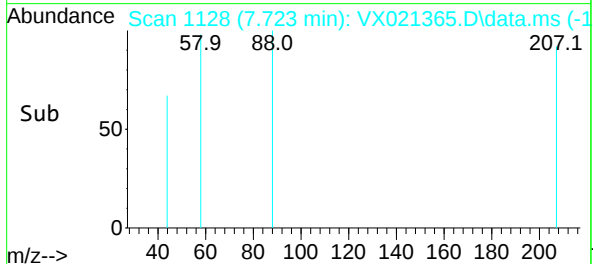
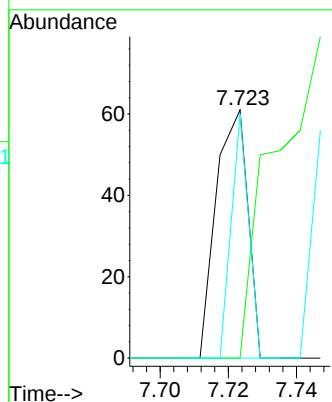
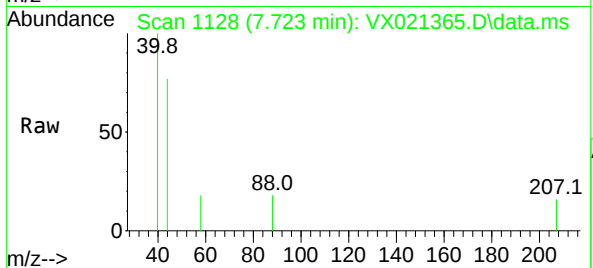




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

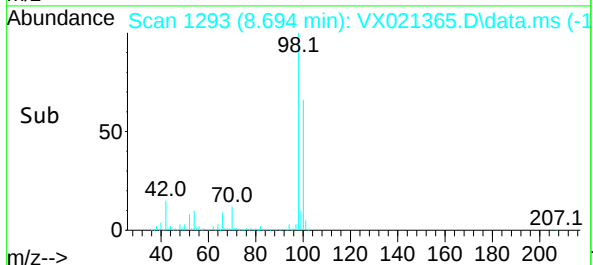
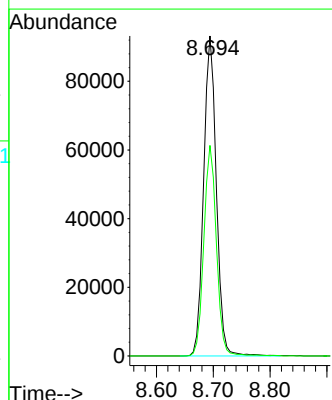
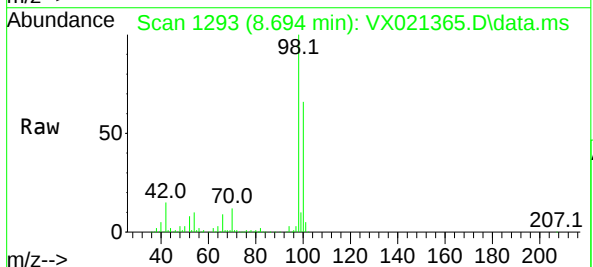
Instrument :
MSVOA_X
ClientSampleId :

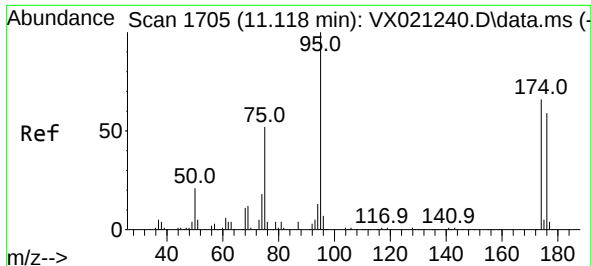
Tgt Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 53.8 55.0 82.4#



#50
Toluene-d8
Concen: 49.34 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Tgt Ion: 98 Resp: 144592
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

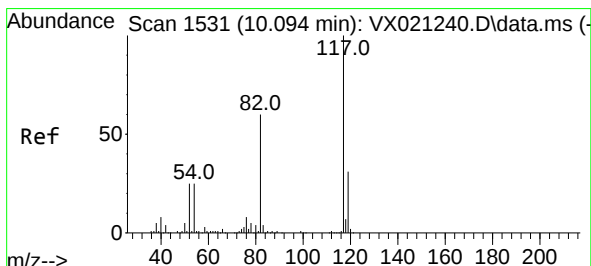
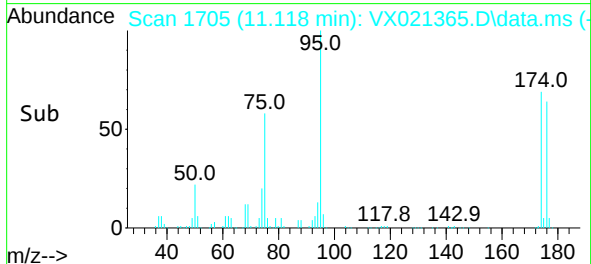
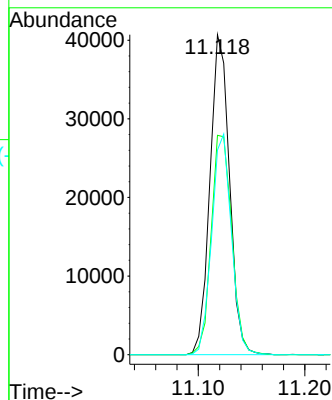
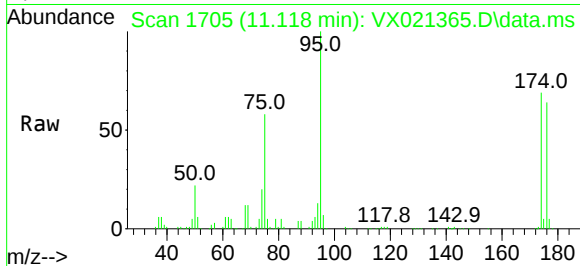




#62
4-Bromofluorobenzene
Concen: 45.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

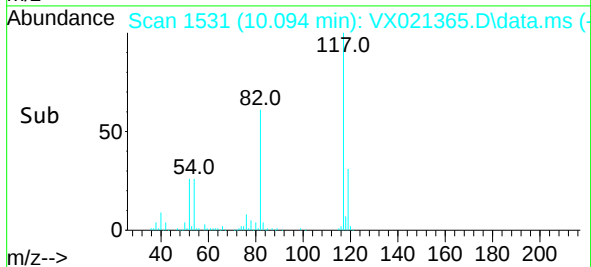
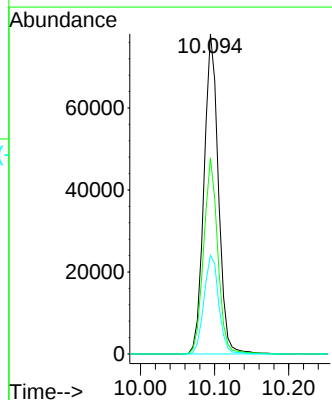
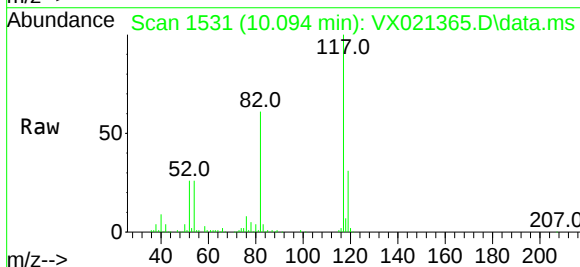
Instrument :
MSVOA_X
ClientSampleId :

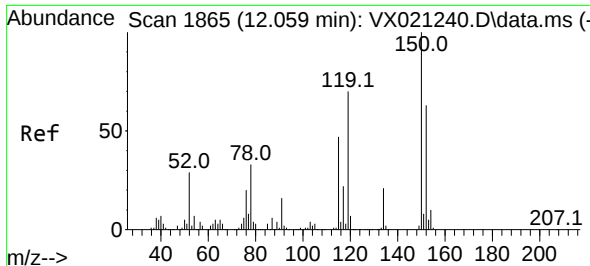
Tgt Ion: 95 Resp: 51805
Ion Ratio Lower Upper
95 100
174 72.4 0.0 154.6
176 69.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

Tgt Ion: 117 Resp: 105274
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 30.8 26.6 39.8

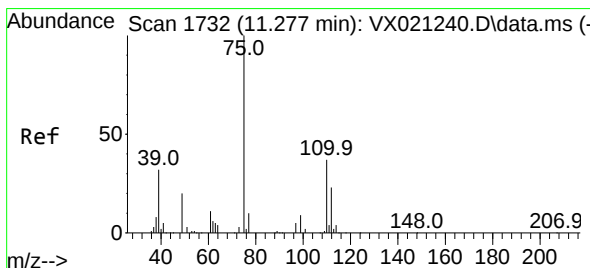
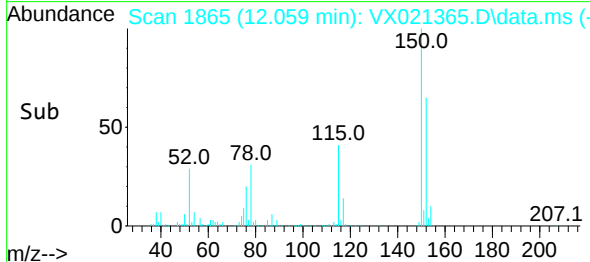
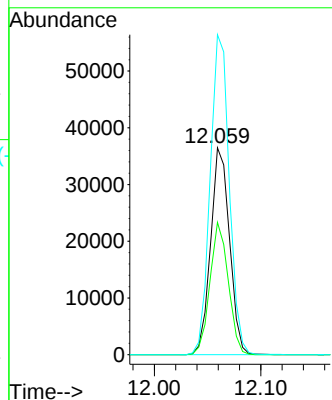
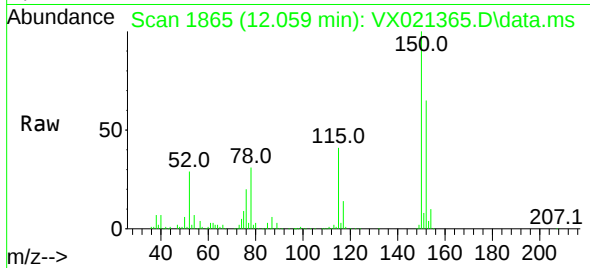




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

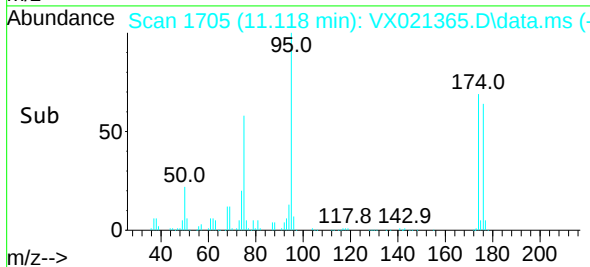
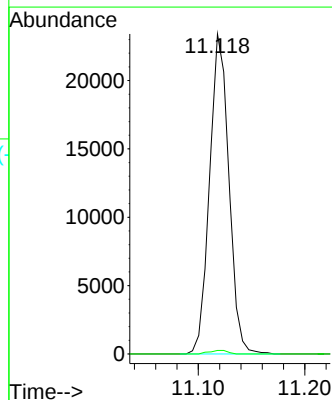
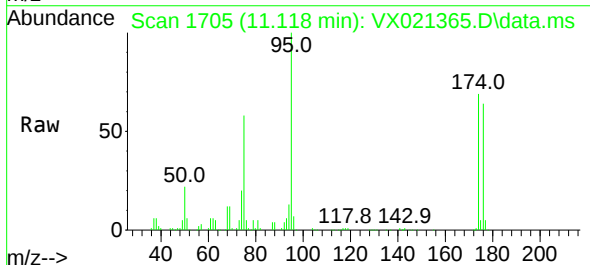
Instrument :
MSVOA_X
ClientSampleId :

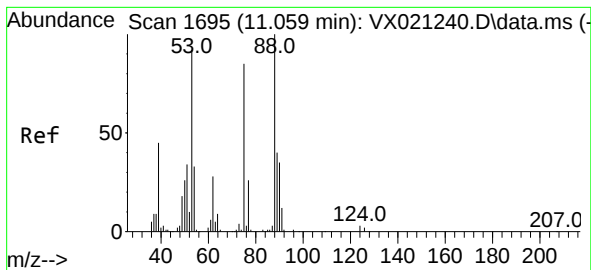
Tgt Ion:152 Resp: 44983
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021365.D
Acq: 22 Mar 2021 17:50

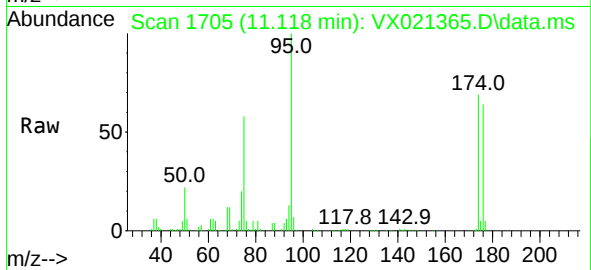
Tgt Ion: 75 Resp: 29472
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.68 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021365.D
 Acq: 22 Mar 2021 17:50

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#

