

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021326.D
 Acq On : 20 Mar 2021 05:06
 Operator : JC/MD
 Sample : M1735-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 07:55:42 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	5.635	168	78172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	130879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62425	48.69	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.38%
35) Dibromofluoromethane	5.464	113	44586	50.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.12%
50) Toluene-d8	8.694	98	158072	48.92	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.84%
62) 4-Bromofluorobenzene	11.118	95	55991	44.62	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.24%

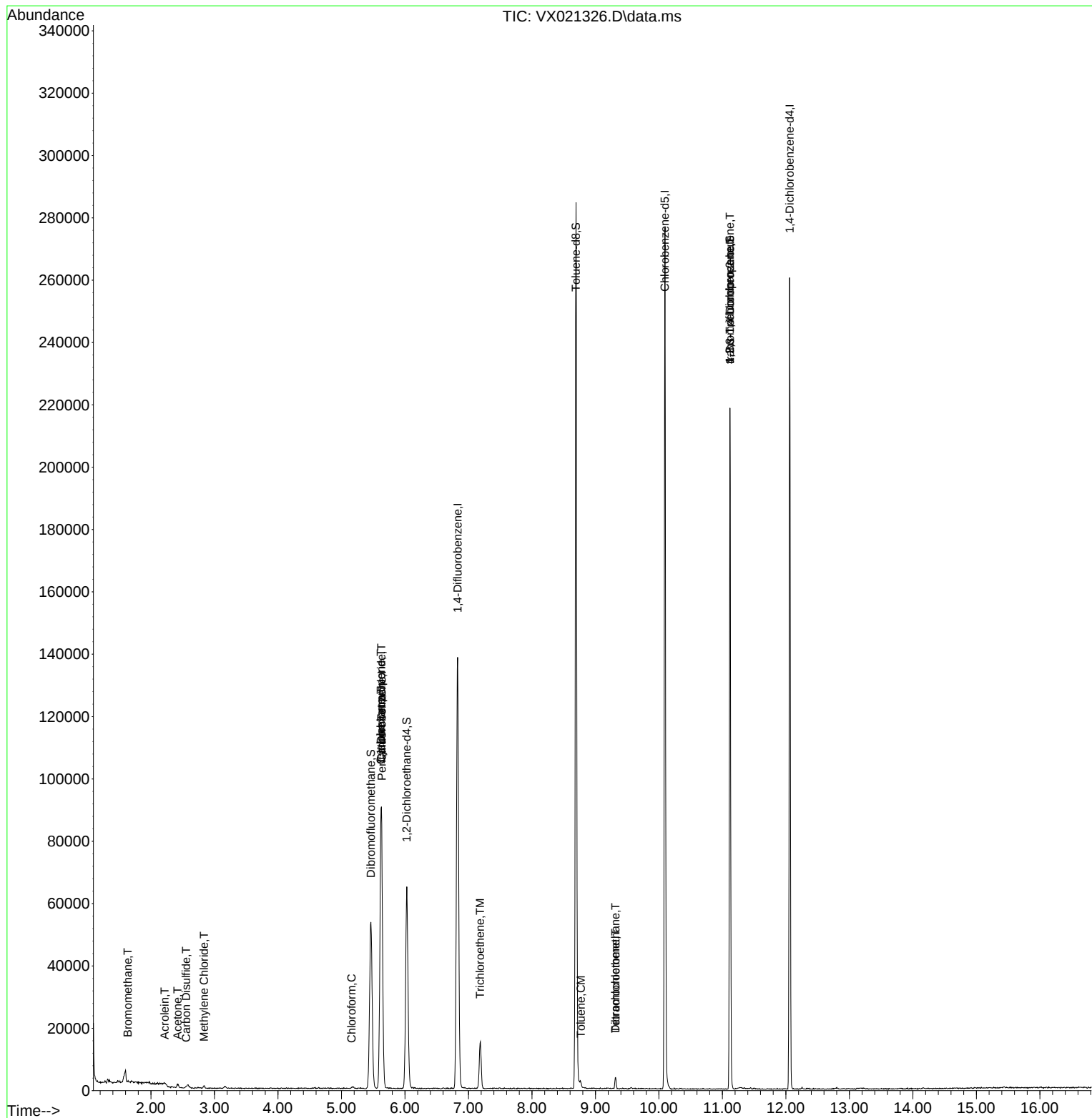
Target Compounds					Qvalue
3) Chloromethane	1.317	50	1343	Below Cal	# 72
5) Bromomethane	1.634	94	119	0.29 ug/l	# 54
13) Acrolein	2.217	56	18	3.26 ug/l	# 37
16) Acetone	2.417	43	1411	2.99 ug/l	# 88
17) Carbon Disulfide	2.552	76	365	0.69 ug/l	# 75
20) Methylene Chloride	2.834	84	254	0.26 ug/l	# 82
30) Chloroform	5.158	83	620	0.35 ug/l	# 75
31) Cyclohexane	5.623	56	2182	1.41 ug/l	# 36
36) 1,1-Dichloropropene	5.623	75	7524	5.71 ug/l	# 49
38) Carbon Tetrachloride	5.629	117	8782	6.41 ug/l	# 16
44) Trichloroethene	7.182	130	5138	5.32 ug/l	# 95
49) 1,4-Dioxane	7.717	88	46	Below Cal	# 8
52) Toluene	8.770	92	537	0.24 ug/l	# 97
60) Dibromochloromethane	9.318	129	611	0.58 ug/l	# 11
64) Tetrachloroethene	9.318	164	600	0.71 ug/l	# 86
76) 1,2,3-Trichloropropane	11.118	75	31138	29.39 ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	31138	79.78 ug/l	# 12

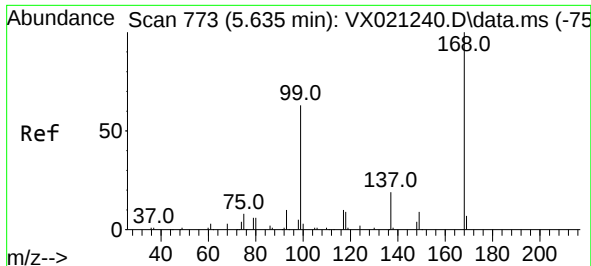
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
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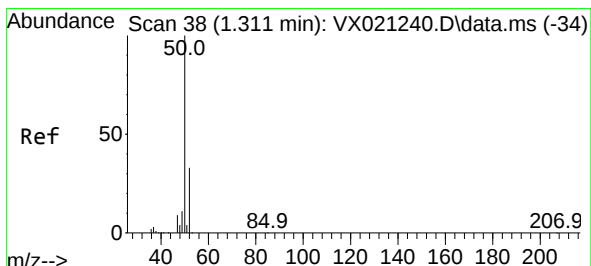
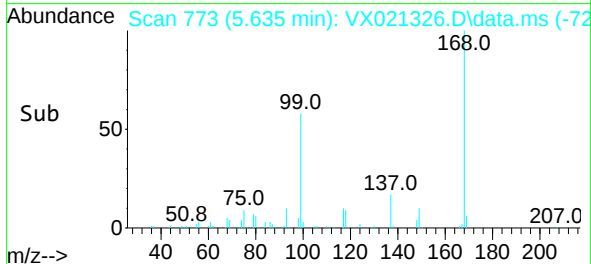
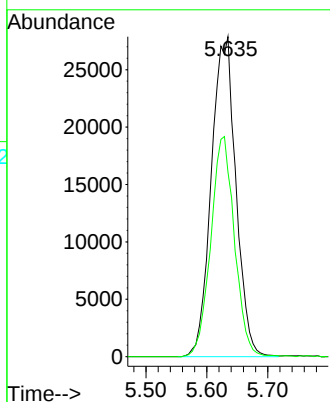
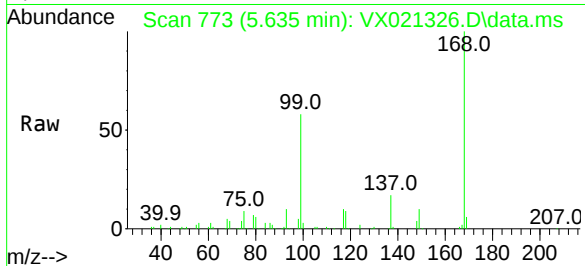




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

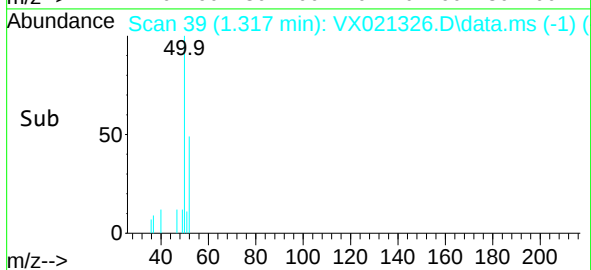
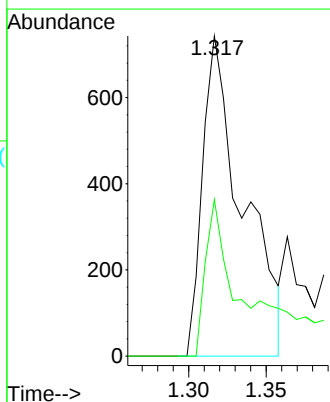
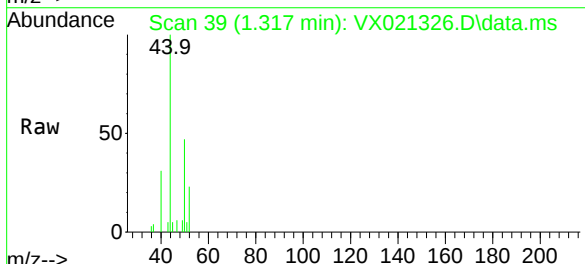
Instrument :
MSVOA_X
ClientSampleId :

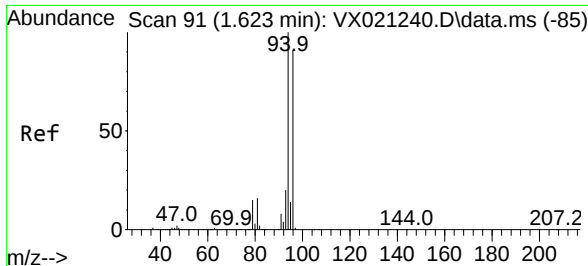
Tgt Ion:168 Resp: 78172
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Tgt Ion: 50 Resp: 1343
Ion Ratio Lower Upper
50 100
52 48.9 26.4 39.6#

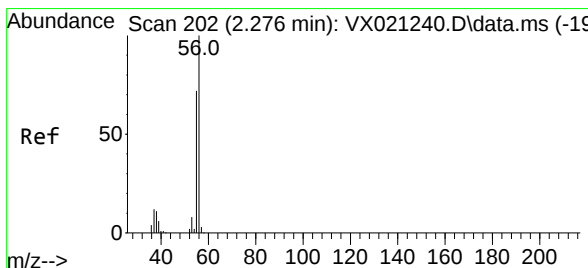
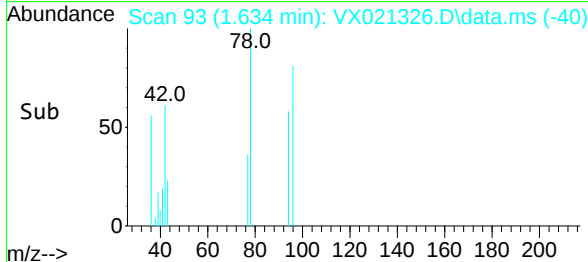
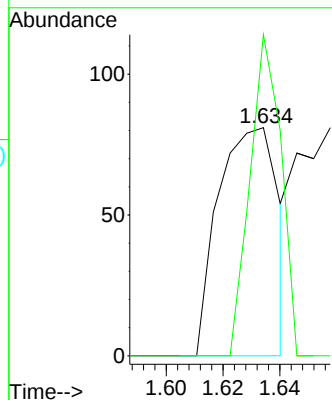
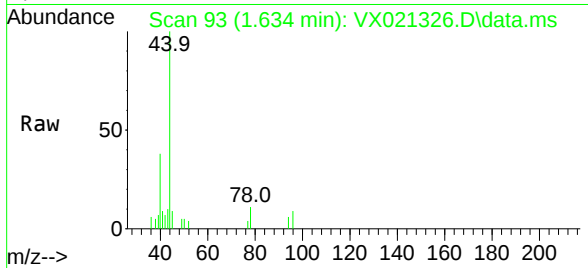




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

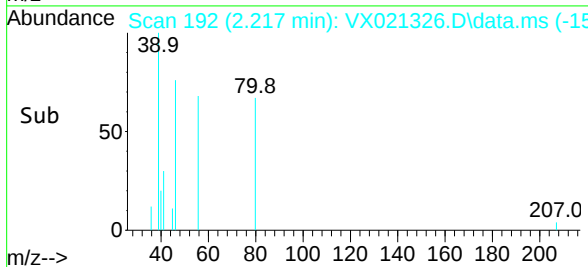
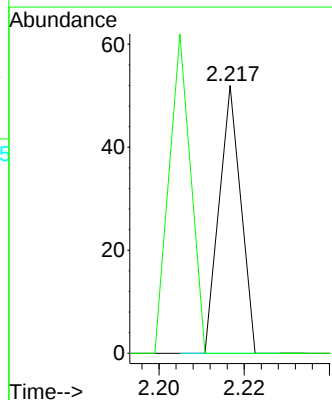
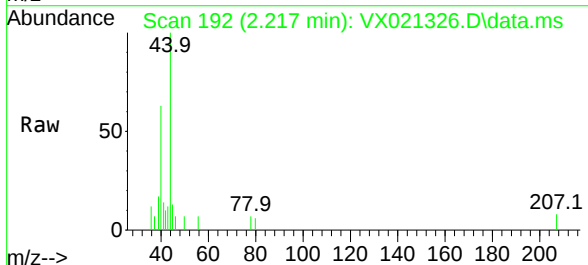
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 140.7 76.4 114.6#



#13
Acrolein
Concen: 3.26 ug/l
RT: 2.217 min Scan# 192
Delta R.T. -0.059 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 122.2 56.4 84.6#

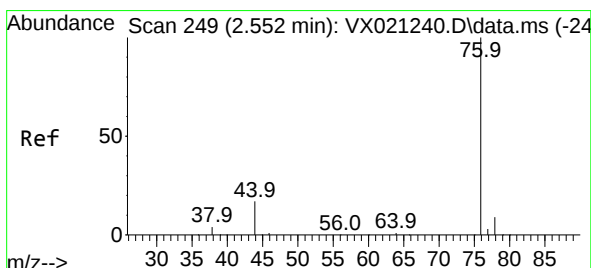
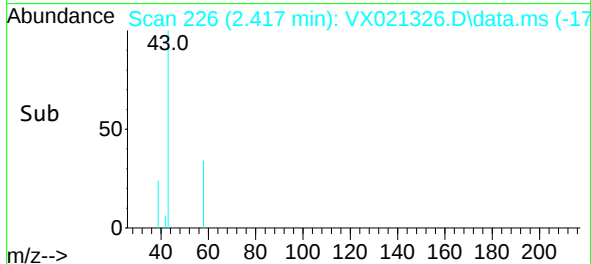
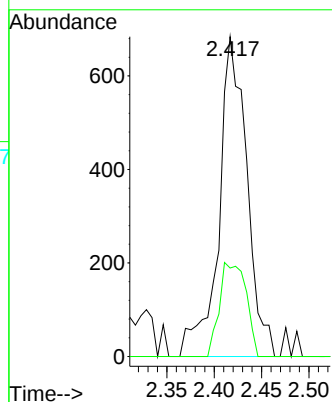
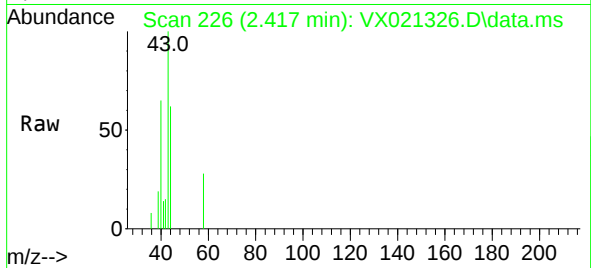




#16
Acetone
Concen: 2.99 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

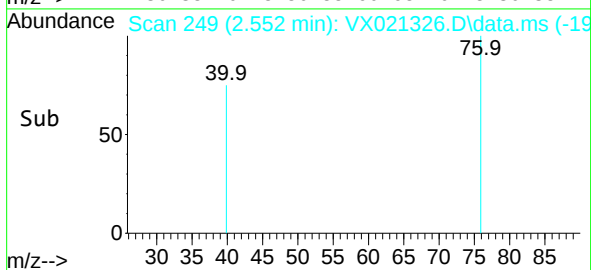
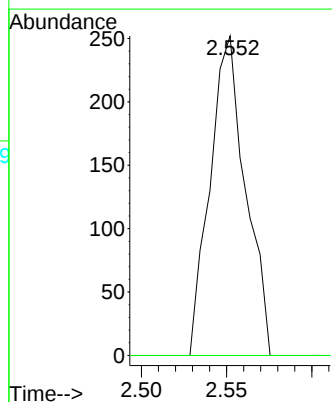
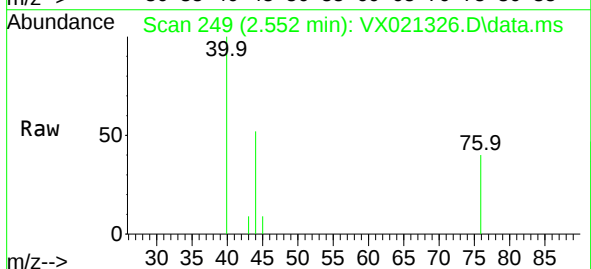
Instrument :
MSVOA_X
ClientSampled :

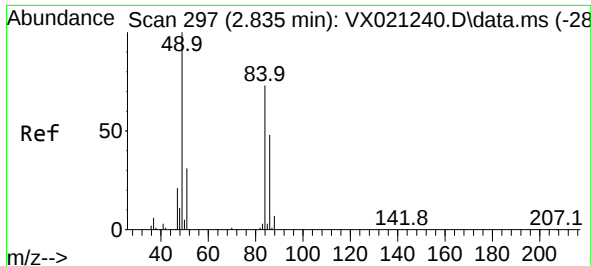
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.69 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Tgt Ion: 76 Resp: 365
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.26 ug/l

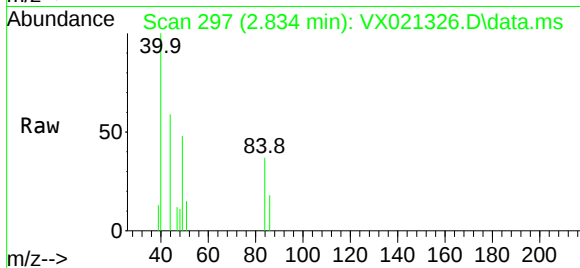
RT: 2.834 min Scan# 297

Delta R.T. -0.001 min

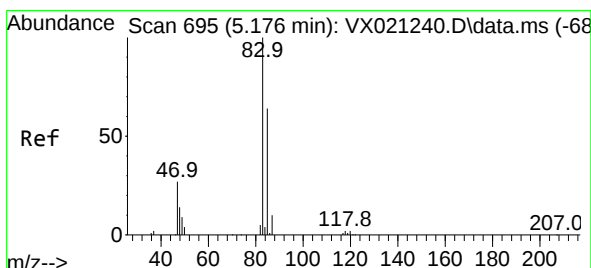
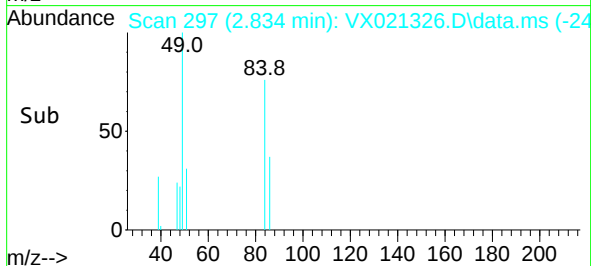
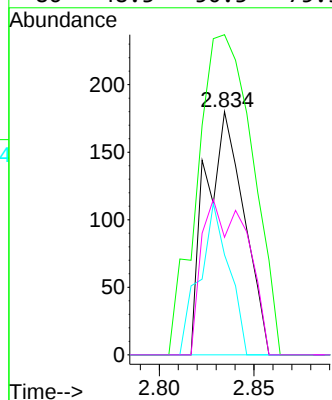
Lab File: VX021326.D

Acq: 20 Mar 2021 05:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	84	Resp:	254
Ion	Ratio	Lower	Upper
84	100		
49	131.7	88.6	132.8
51	41.1	27.0	40.6#
86	48.3	50.3	75.5#



#30

Chloroform

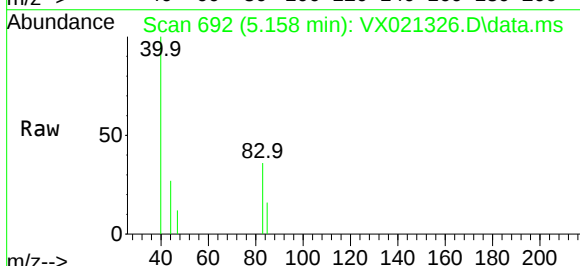
Concen: 0.35 ug/l

RT: 5.158 min Scan# 692

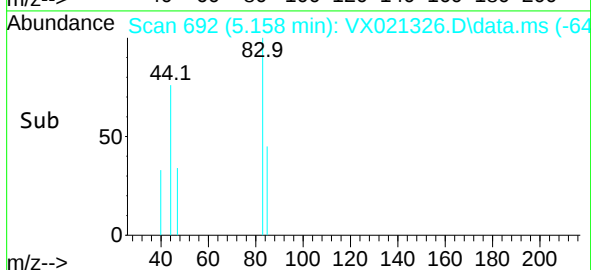
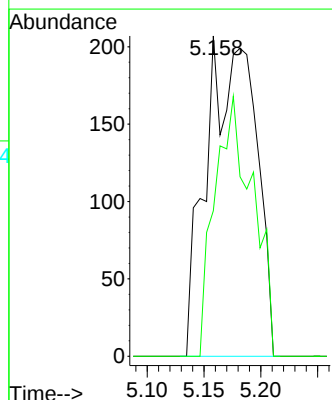
Delta R.T. -0.018 min

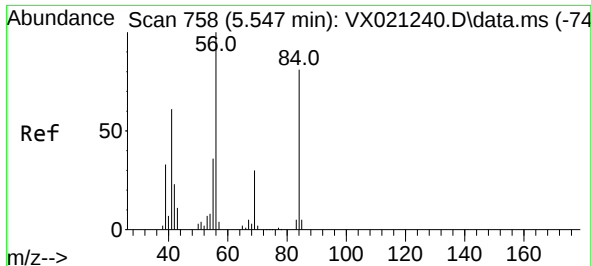
Lab File: VX021326.D

Acq: 20 Mar 2021 05:06



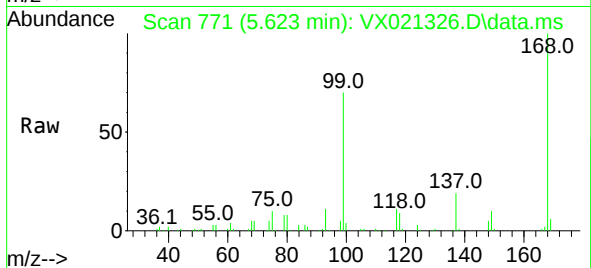
Tgt Ion:	83	Resp:	620
Ion	Ratio	Lower	Upper
83	100		
85	45.4	52.0	78.0#



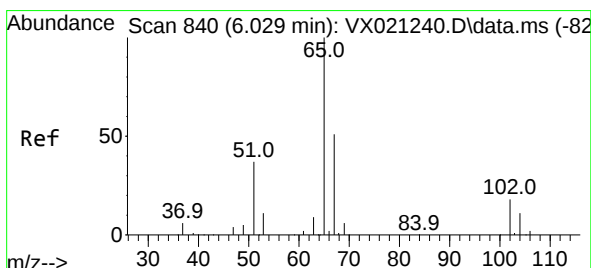
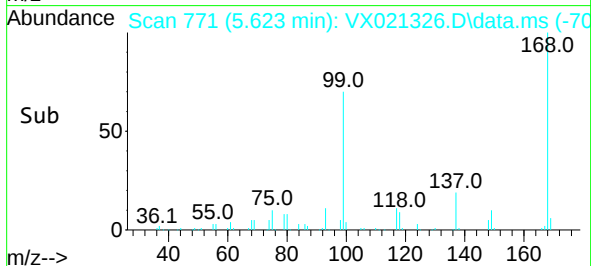
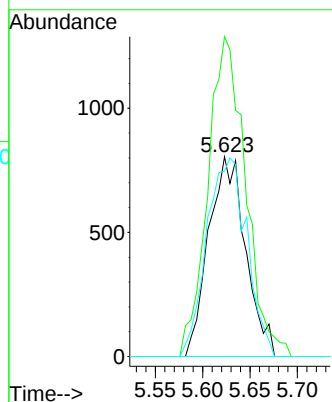


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Instrument :
MSVOA_X
ClientSampled :

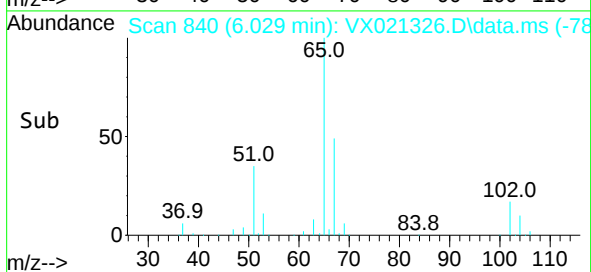
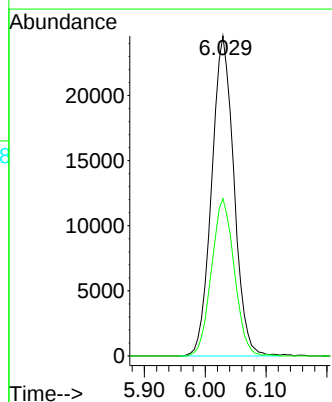
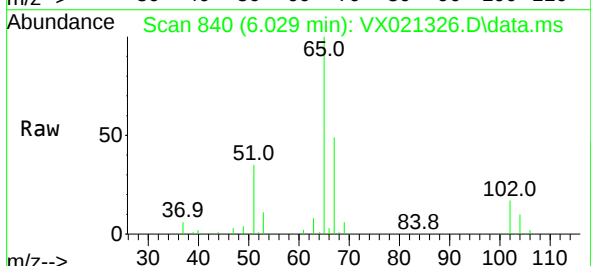


Tgt Ion: 56 Resp: 2182
Ion Ratio Lower Upper
56 100
69 160.2 25.3 37.9#
84 92.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.69 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Tgt Ion: 65 Resp: 62425
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

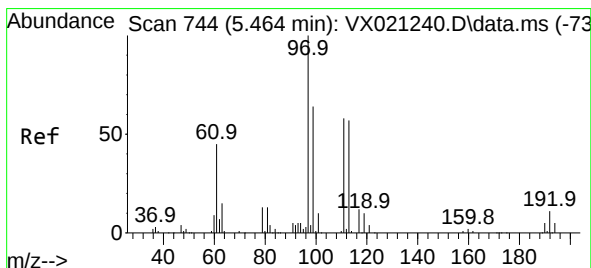
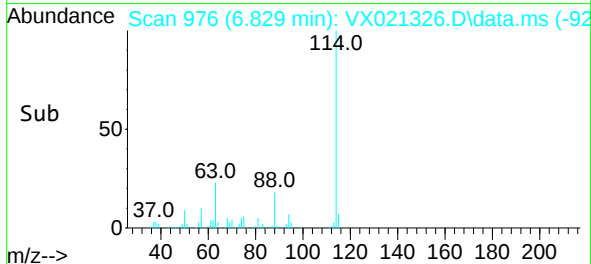
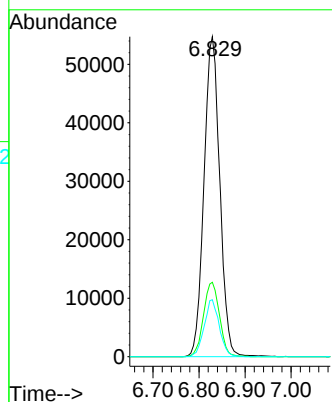
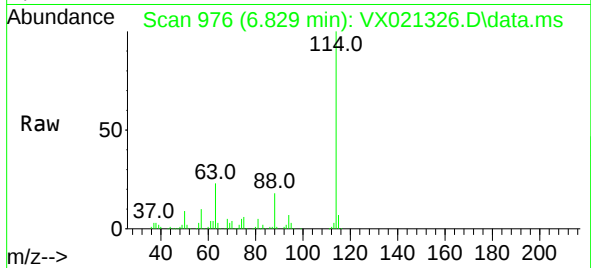




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

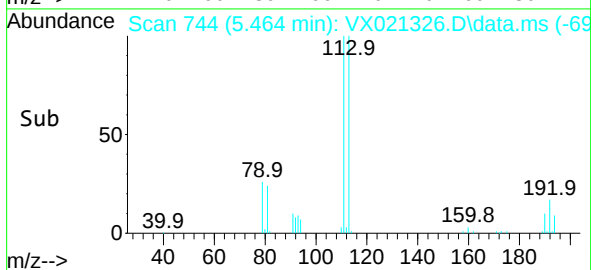
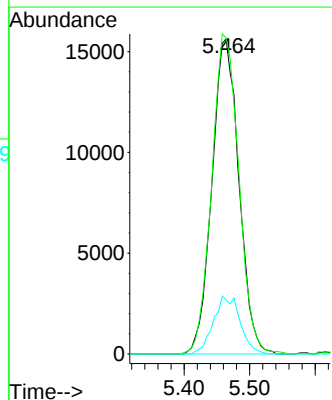
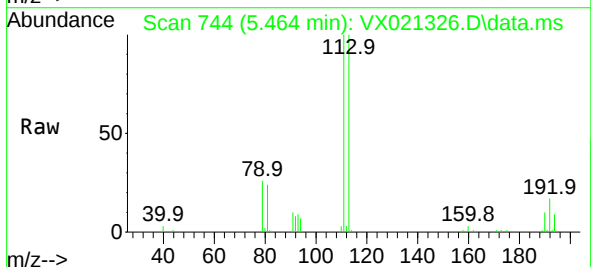
Instrument :
MSVOA_X
ClientSampleId :

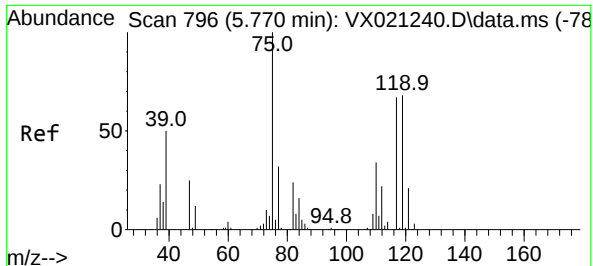
Tgt Ion:114 Resp: 130879
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.06 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

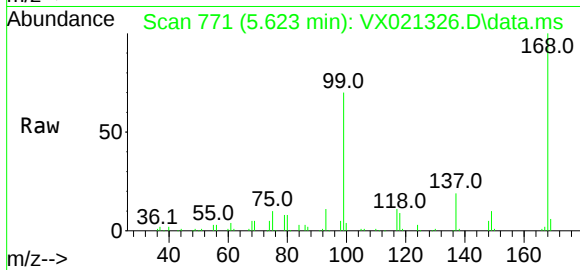
Tgt Ion:113 Resp: 44586
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.1 16.7 25.1



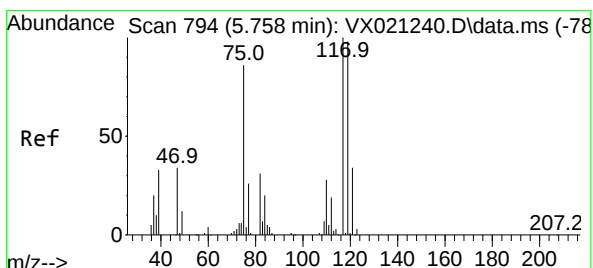
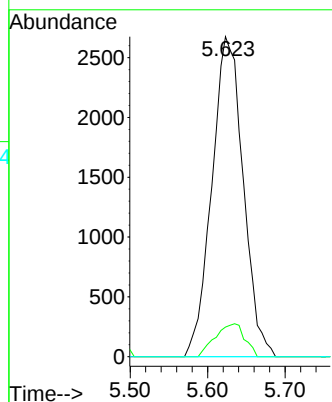
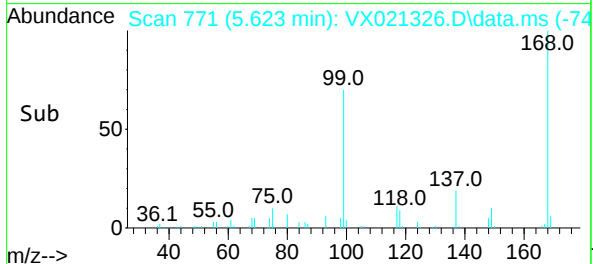


#36
1,1-Dichloropropene
Concen: 5.71 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

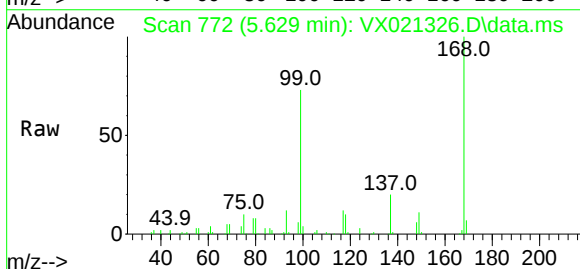
Instrument :
MSVOA_X
ClientSampleId :



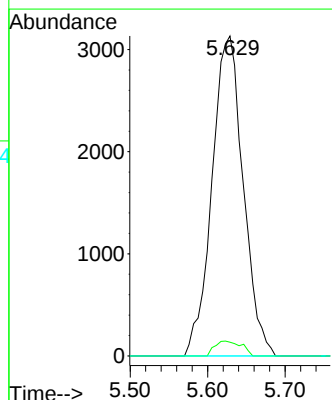
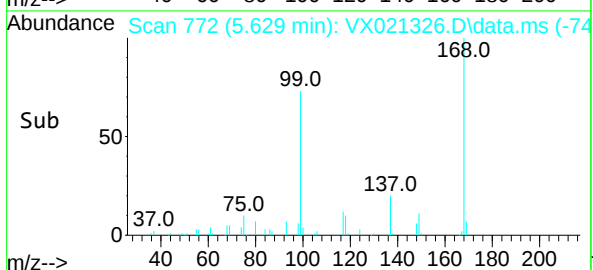
Tgt Ion: 75 Resp: 7524
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#

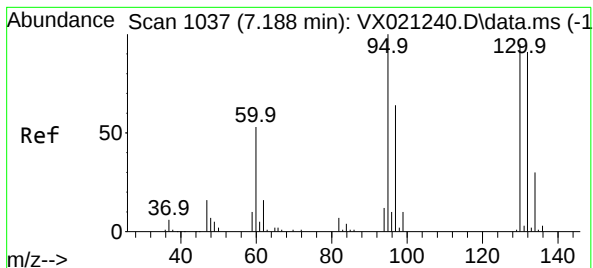


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06



Tgt Ion: 117 Resp: 8782
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 5.32 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.006 min

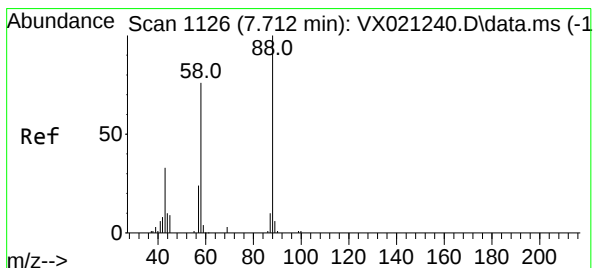
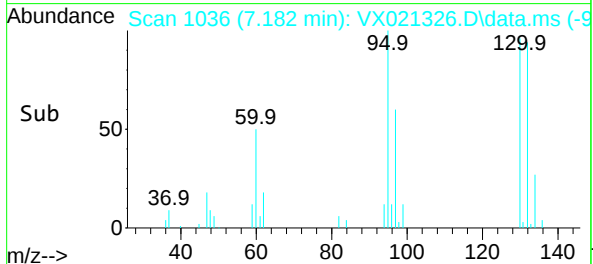
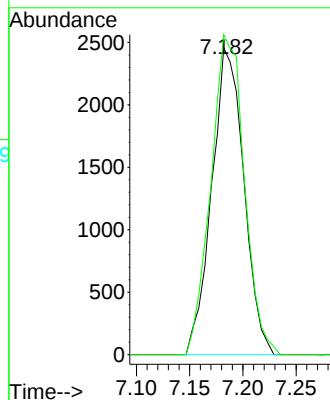
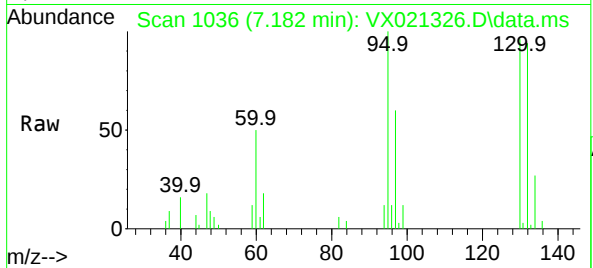
Lab File: VX021326.D

Acq: 20 Mar 2021 05:06

Tgt Ion:130 Resp: 5138

Ion Ratio Lower Upper

130	100		
95	104.3	0.0	198.0



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.717 min Scan# 1127

Delta R.T. 0.005 min

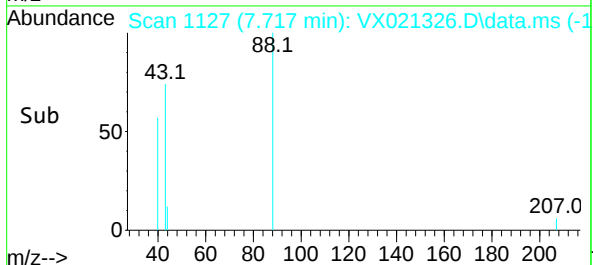
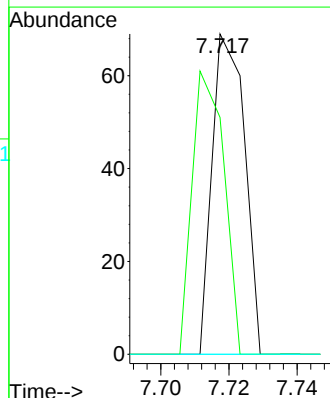
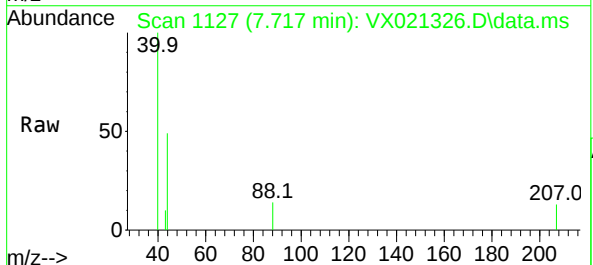
Lab File: VX021326.D

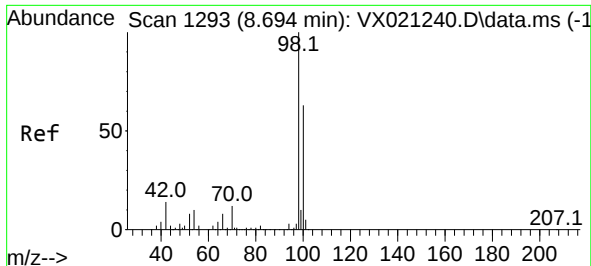
Acq: 20 Mar 2021 05:06

Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88	100		
43	87.0	23.2	34.8#
58	0.0	55.0	82.4#

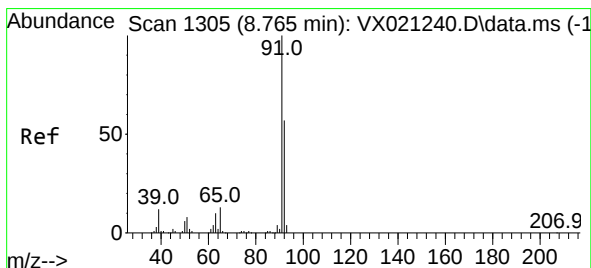
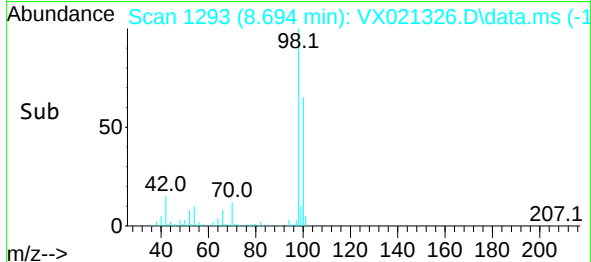
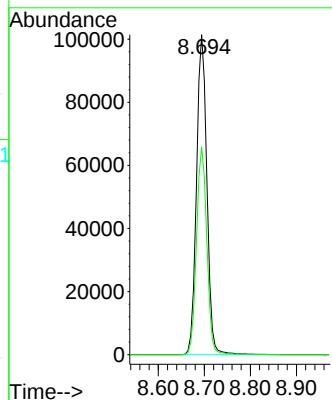
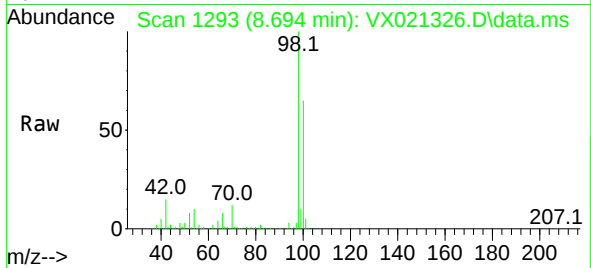




#50
Toluene-d8
Concen: 48.92 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

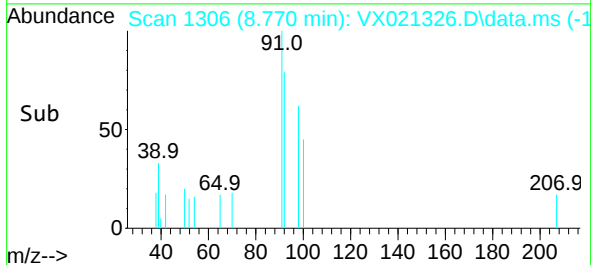
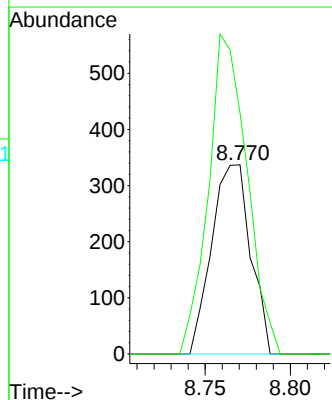
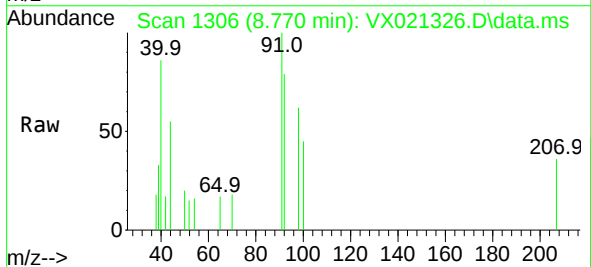
Instrument :
MSVOA_X
ClientSampled :

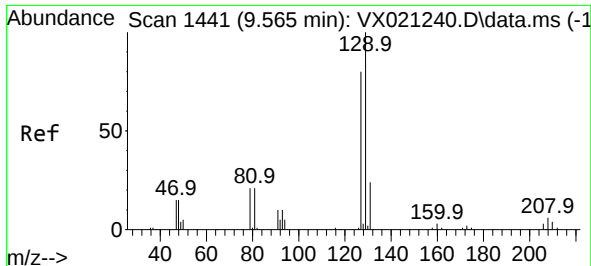
Tgt Ion: 98 Resp: 158072
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#52
Toluene
Concen: 0.24 ug/l
RT: 8.770 min Scan# 1306
Delta R.T. 0.005 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Tgt Ion: 92 Resp: 537
Ion Ratio Lower Upper
92 100
91 166.9 137.1 205.7

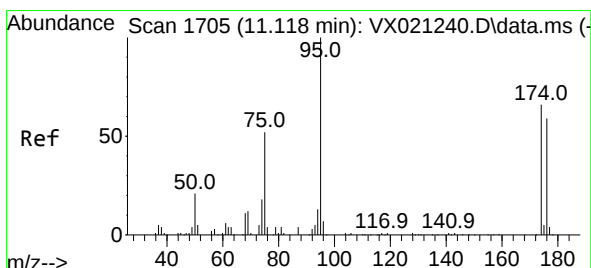
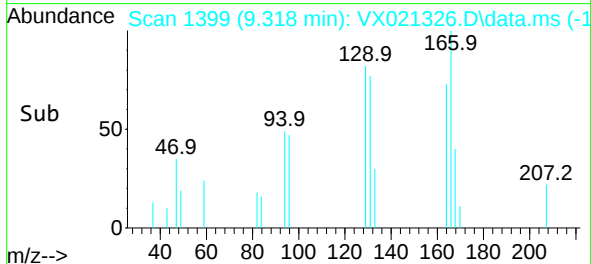
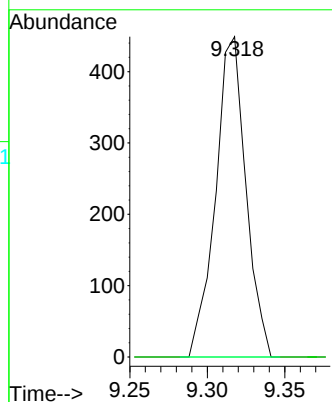
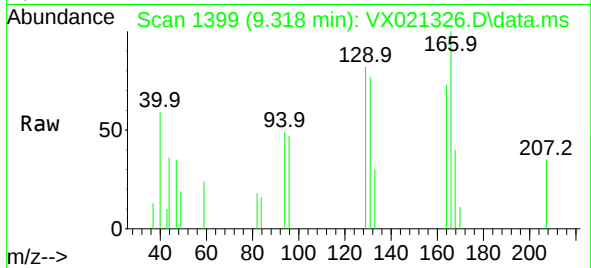




#60
Dibromochloromethane
Concen: 0.58 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

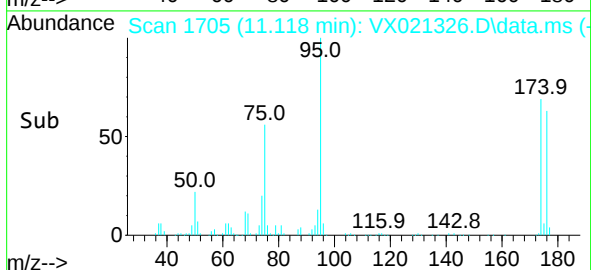
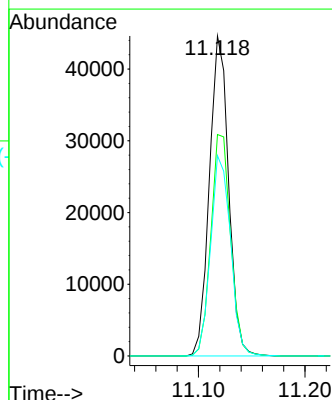
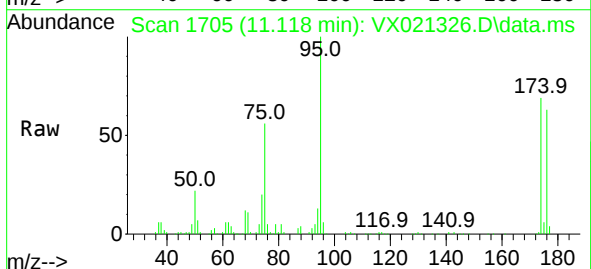
Instrument :
MSVOA_X
ClientSampled :

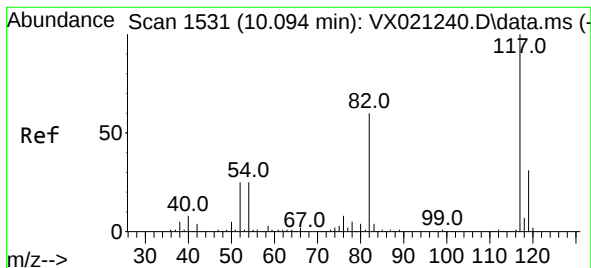
Tgt Ion:129 Resp: 611
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Tgt Ion: 95 Resp: 55991
Ion Ratio Lower Upper
95 100
174 71.2 0.0 154.6
176 65.1 0.0 155.8

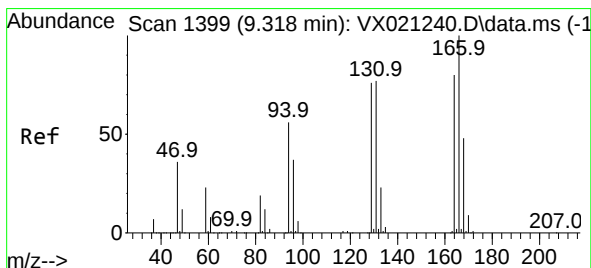
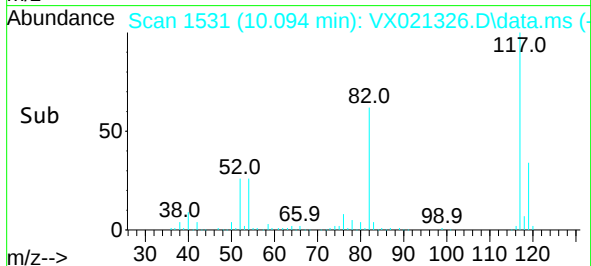
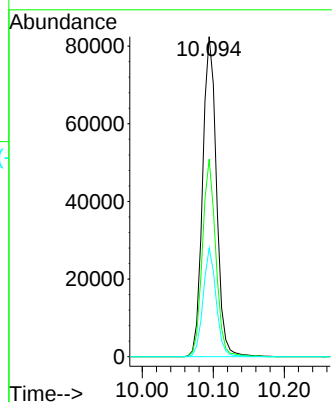
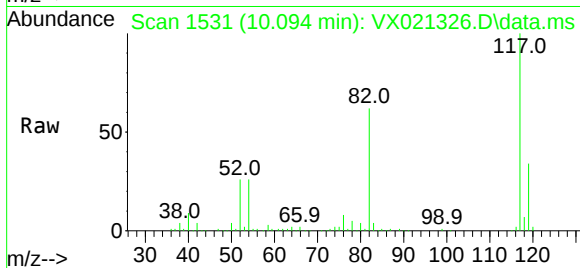




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

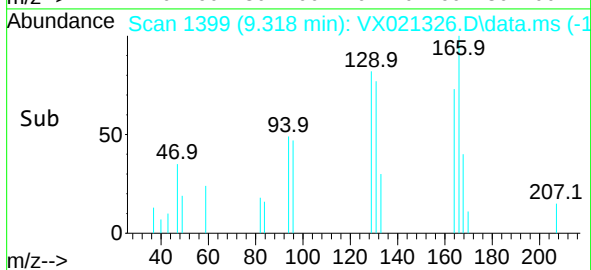
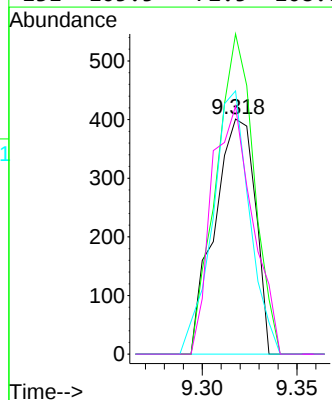
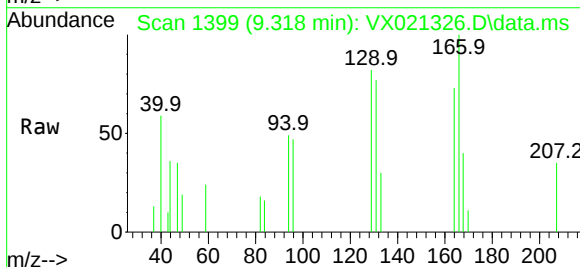
Instrument :
MSVOA_X
ClientSampled :

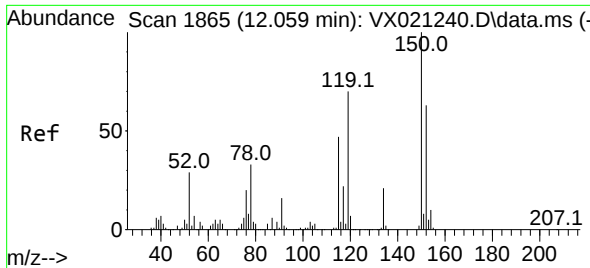
Tgt Ion:117 Resp: 112386
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 33.9 26.6 39.8



#64
Tetrachloroethene
Concen: 0.71 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

Tgt Ion:164 Resp: 600
Ion Ratio Lower Upper
164 100
166 136.2 103.4 155.2
129 112.0 70.8 106.2#
131 105.5 72.5 108.7

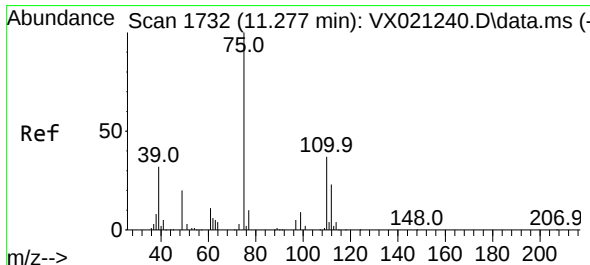
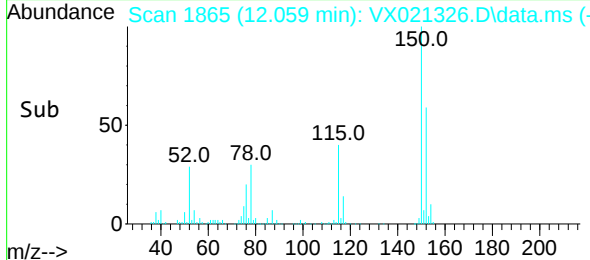
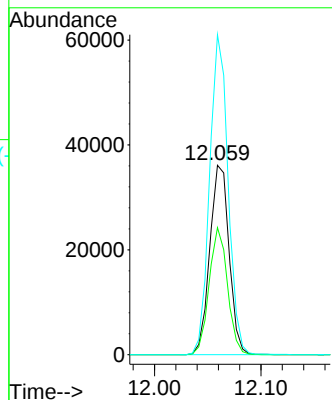
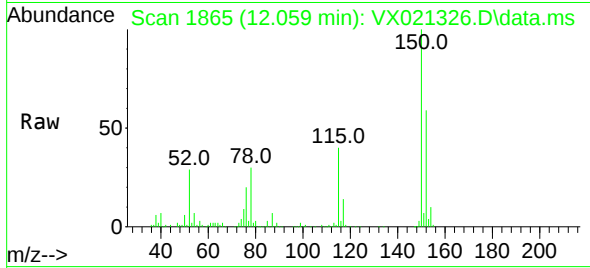




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

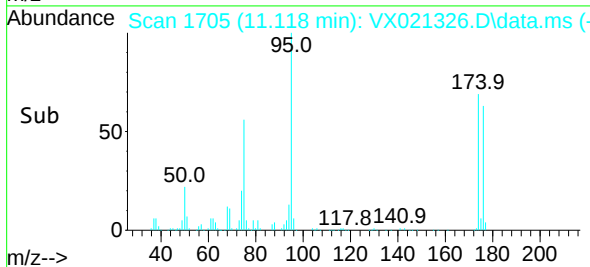
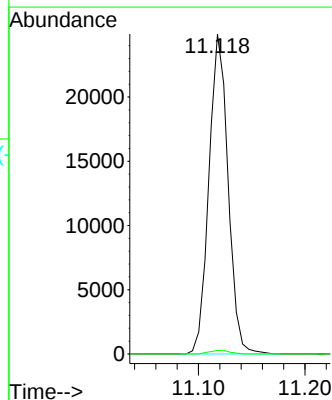
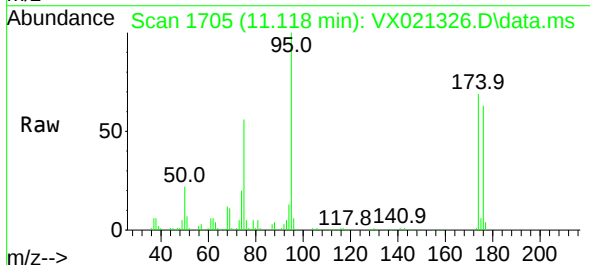
Instrument :
MSVOA_X
ClientSampled :

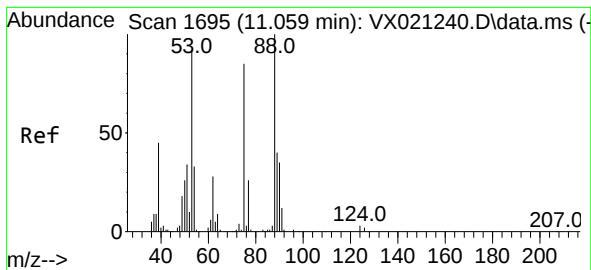
Tgt Ion:152 Resp: 45680
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 161.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.39 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021326.D
Acq: 20 Mar 2021 05:06

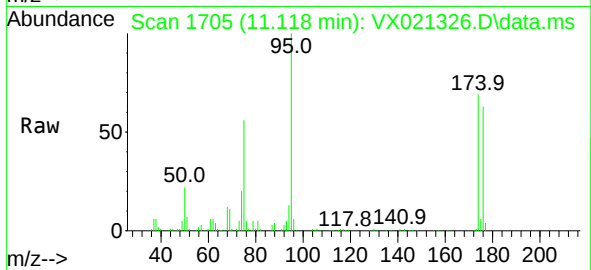
Tgt Ion: 75 Resp: 31138
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.78 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021326.D
 Acq: 20 Mar 2021 05:06

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#

