

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021316.D
 Acq On : 19 Mar 2021 20:44
 Operator : JC/MD
 Sample : M1736-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20210317

Quant Time: Mar 20 06:37:30 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)

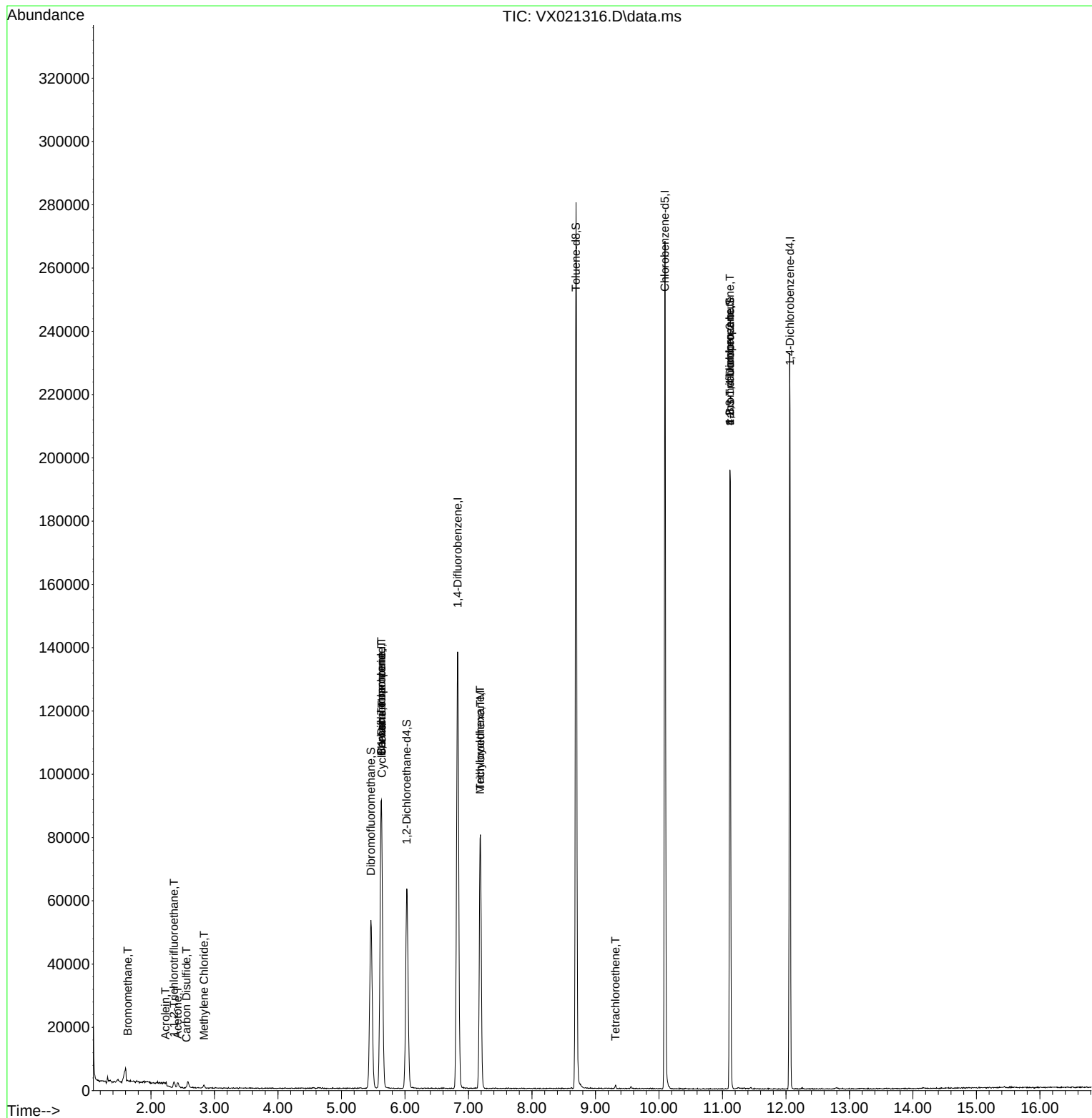
Internal Standards						
1) Pentafluorobenzene	5.629	168	78477	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	127031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	42924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62423	48.50	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.00%
35) Dibromofluoromethane	5.464	113	43675	50.53	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.06%
50) Toluene-d8	8.694	98	153785	49.03	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.06%
62) 4-Bromofluorobenzene	11.117	95	53025	43.53	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.06%
Target Compounds						
						Qvalue
3) Chloromethane	1.316	50	2184	Below Cal		99
5) Bromomethane	1.634	94	137	0.33 ug/l		100
9) 1,1,2-Trichlorotrifluo...	2.363	101	756	0.92 ug/l		87
13) Acrolein	2.228	56	42	3.44 ug/l	#	1
16) Acetone	2.416	43	1954	4.13 ug/l	#	75
17) Carbon Disulfide	2.558	76	166	0.61 ug/l	#	75
20) Methylene Chloride	2.834	84	340	0.35 ug/l	#	92
31) Cyclohexane	5.634	56	2306	1.48 ug/l	#	29
36) 1,1-Dichloropropene	5.629	75	7172	5.60 ug/l	#	50
38) Carbon Tetrachloride	5.629	117	8705	6.55 ug/l	#	17
39) Methylcyclohexane	7.182	83	415	0.29 ug/l	#	1
44) Trichloroethene	7.188	130	28477	30.39 ug/l		97
64) Tetrachloroethene	9.317	164	223	0.28 ug/l	#	73
76) 1,2,3-Trichloropropane	11.117	75	29422	29.55 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.117	75	29422	80.22 ug/l	#	12

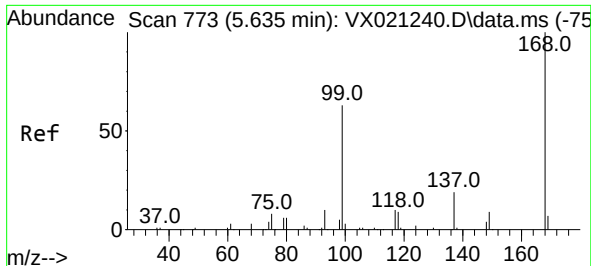
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE120D3-20210317

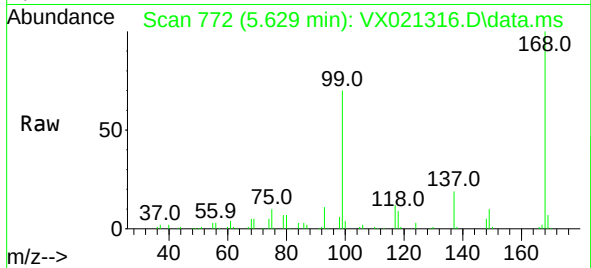
Quant Time: Mar 20 06:37:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



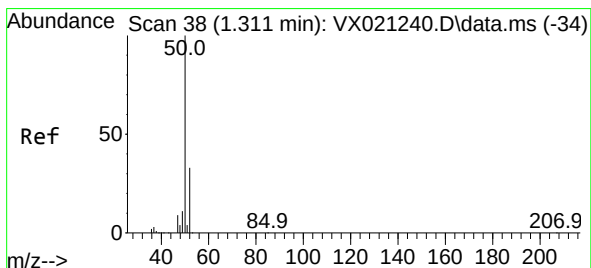
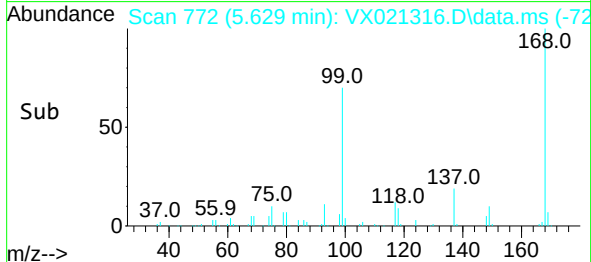
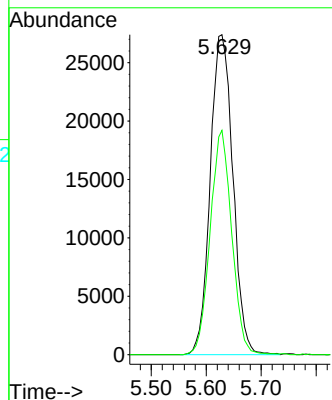


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

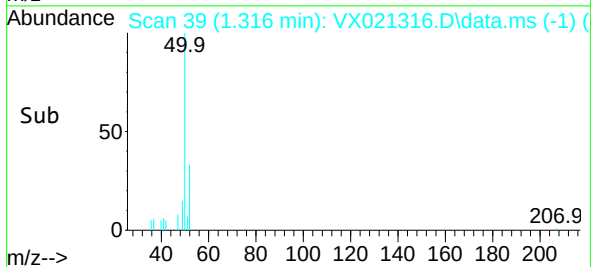
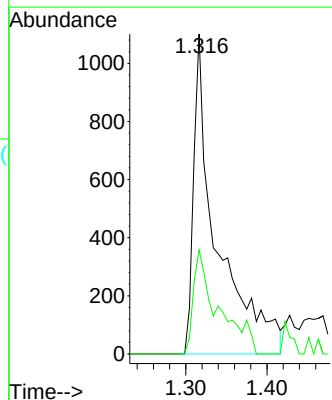
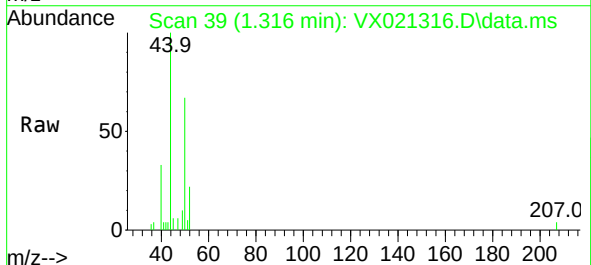


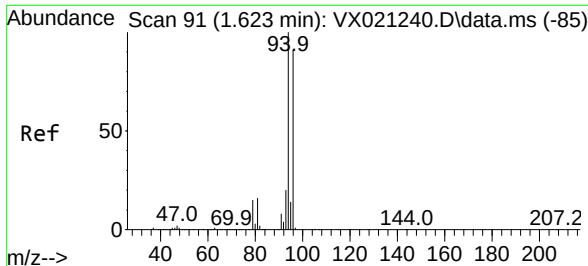
Tgt Ion:168 Resp: 78477
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

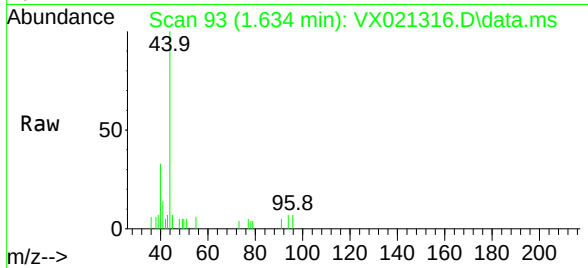
Tgt Ion: 50 Resp: 2184
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6



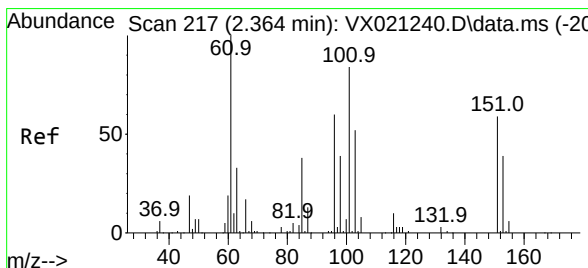
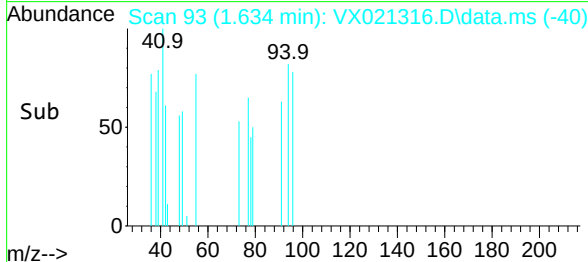
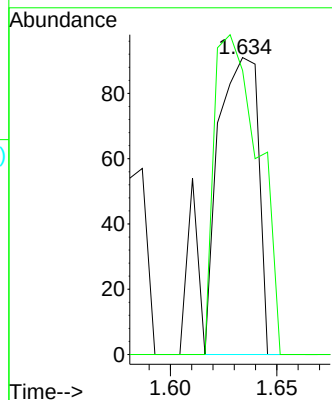


#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

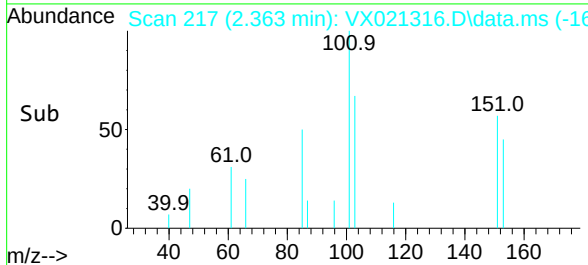
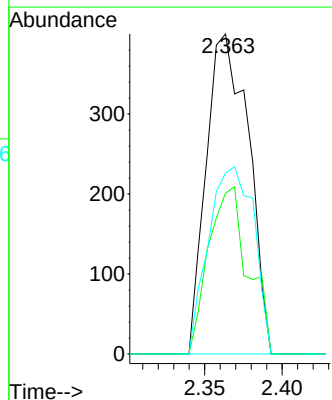
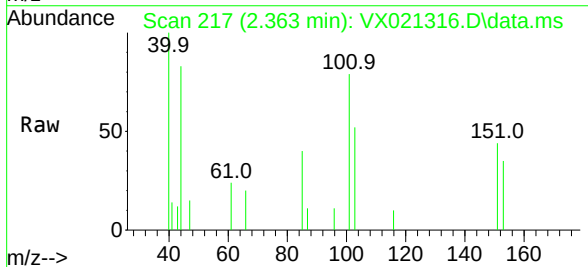


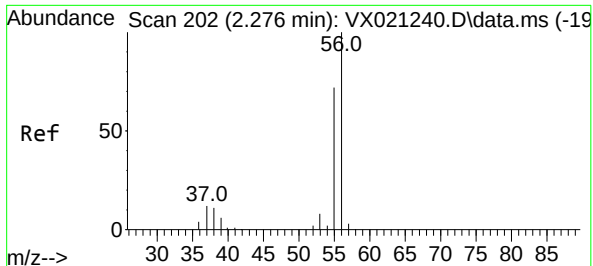
Tgt Ion: 94 Resp: 137
Ion Ratio Lower Upper
94 100
96 95.6 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.92 ug/l
RT: 2.363 min Scan# 217
Delta R.T. -0.001 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Tgt Ion: 101 Resp: 756
Ion Ratio Lower Upper
101 100
85 49.1 34.9 52.3
151 62.8 61.4 92.2

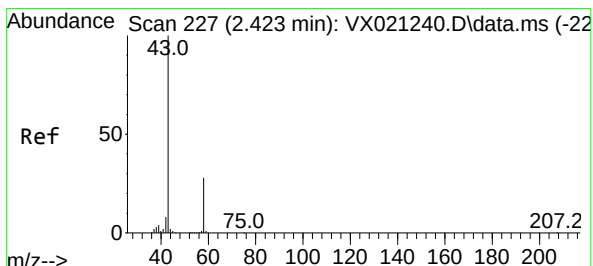
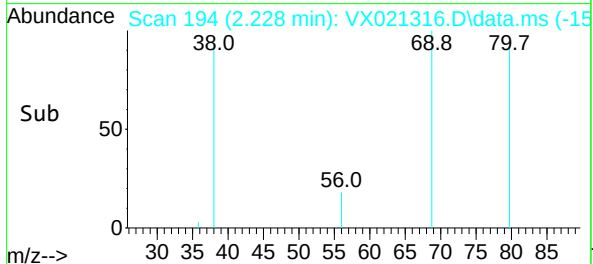
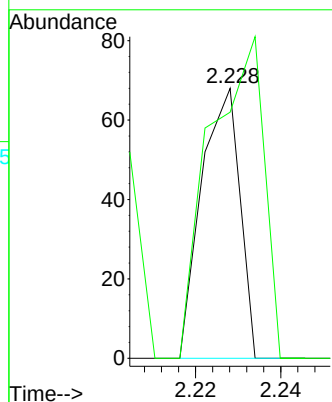
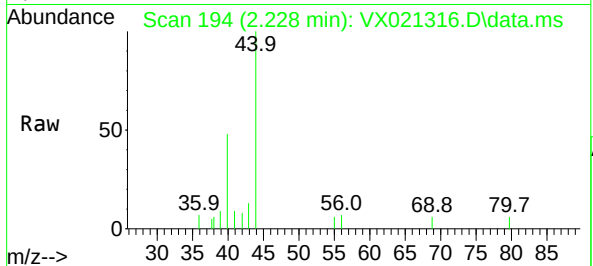




#13
Acrolein
Concen: 3.44 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

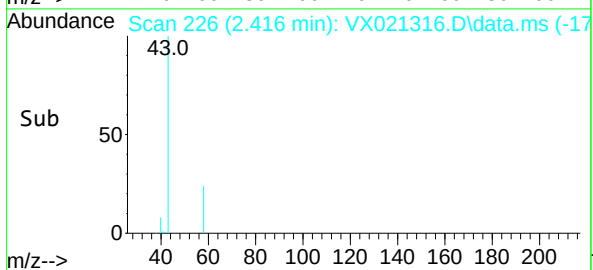
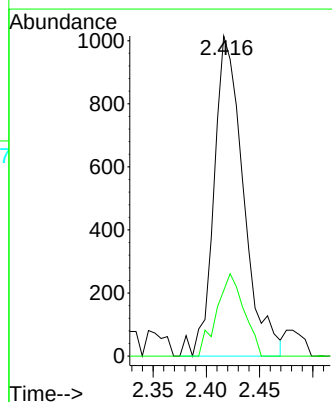
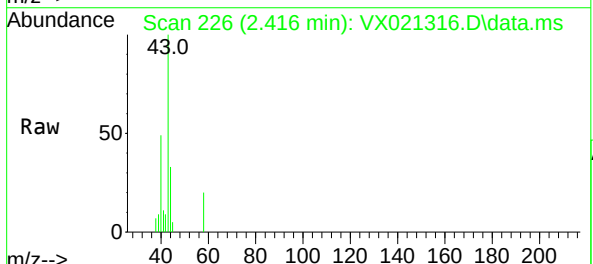
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

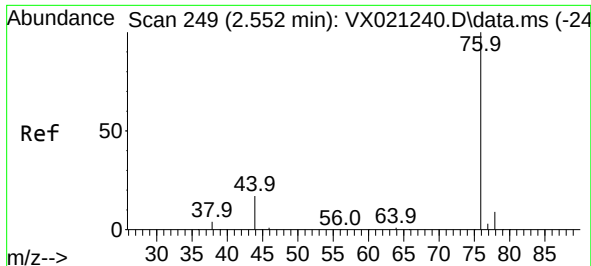
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 169.0 56.4 84.6#



#16
Acetone
Concen: 4.13 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.007 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 20.5 27.8 41.8#

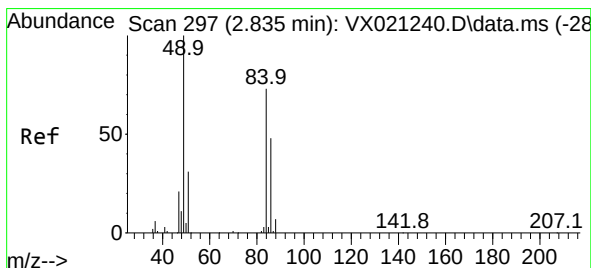
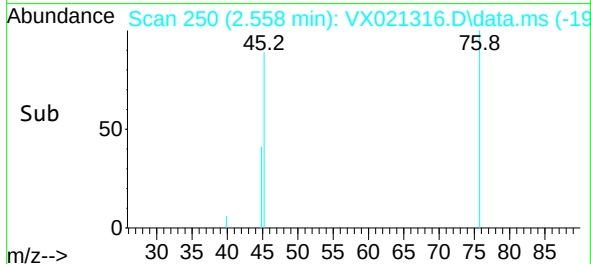
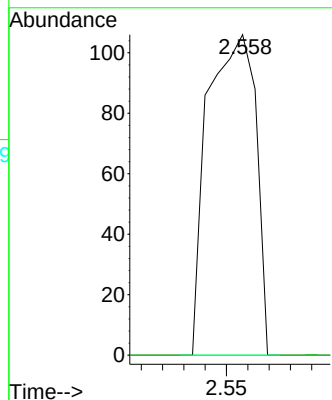
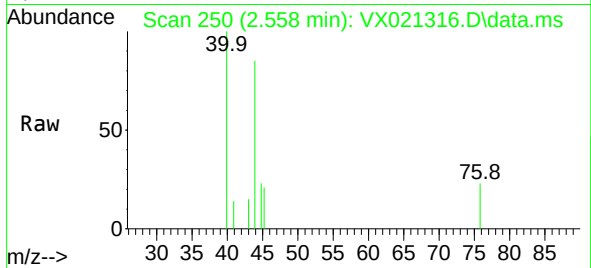




#17
Carbon Disulfide
Concen: 0.61 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

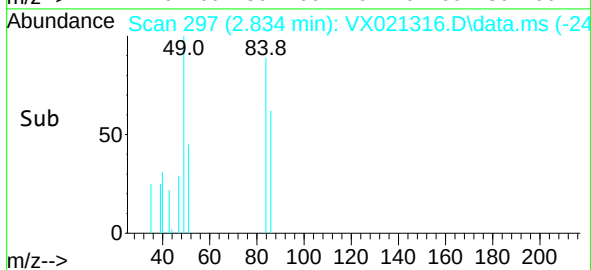
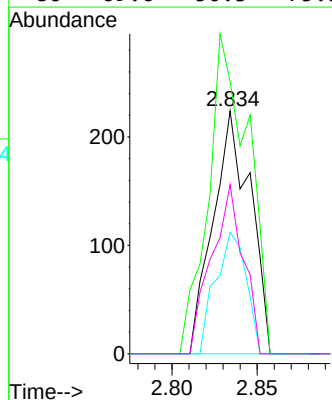
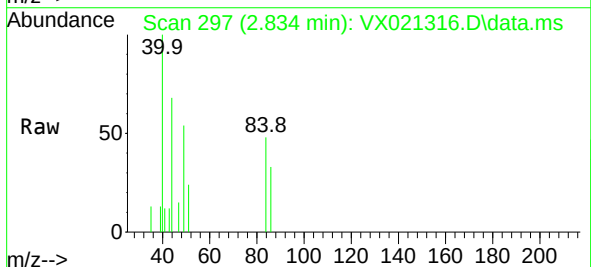
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

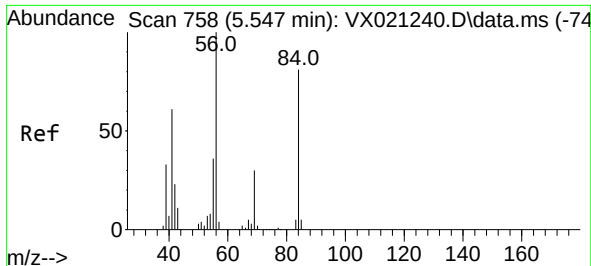
Tgt Ion: 76 Resp: 166
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

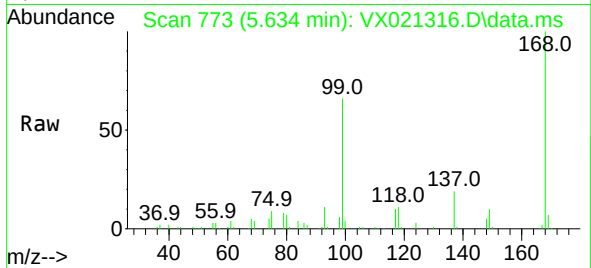
Tgt Ion: 84 Resp: 340
Ion Ratio Lower Upper
84 100
49 112.1 88.6 132.8
51 50.0 27.0 40.6#
86 69.6 50.3 75.5



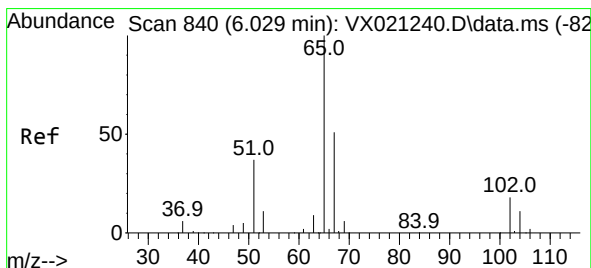
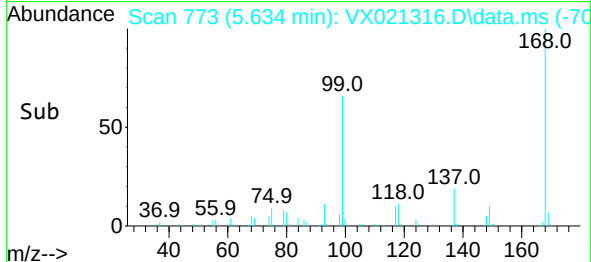
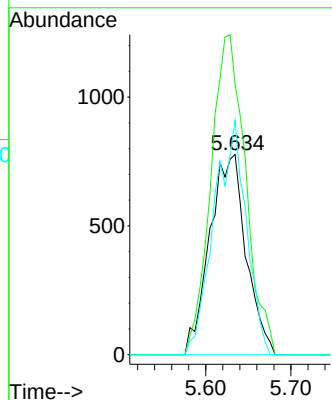


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.634 min Scan# 773
Delta R.T. 0.087 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

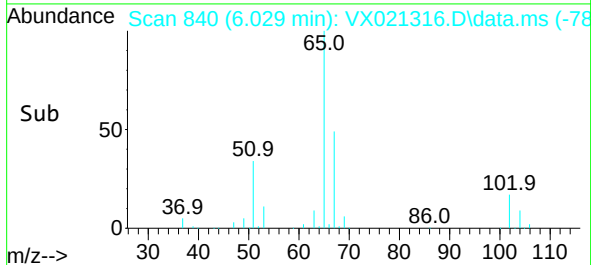
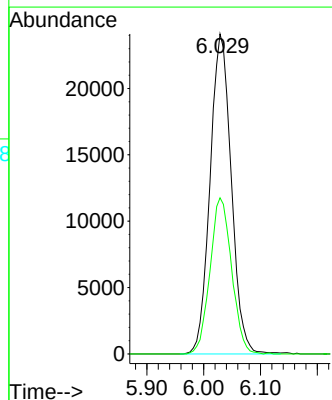
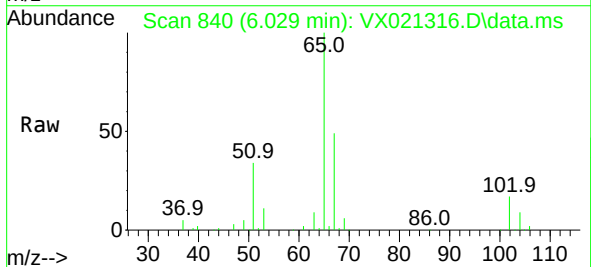


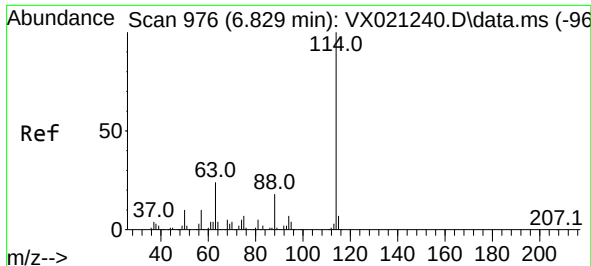
Tgt Ion: 56 Resp: 2306
Ion Ratio Lower Upper
56 100
69 135.1 25.3 37.9#
84 117.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.50 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Tgt Ion: 65 Resp: 62423
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

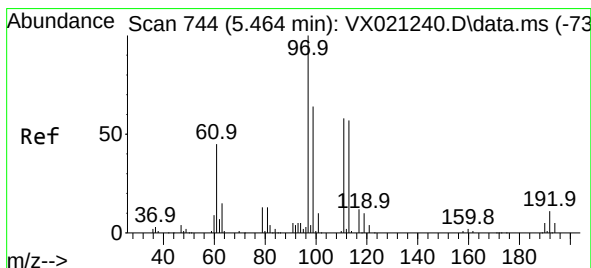
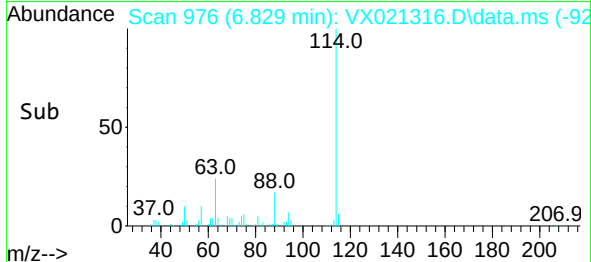
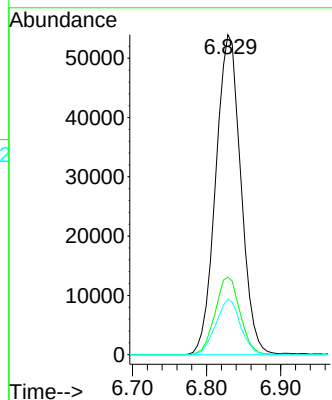
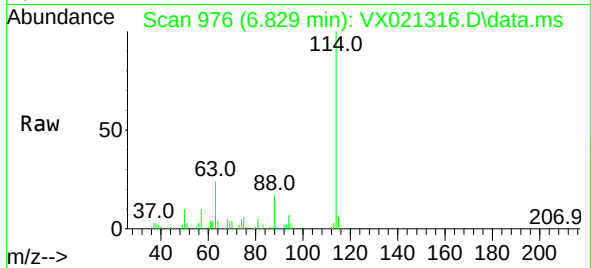




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

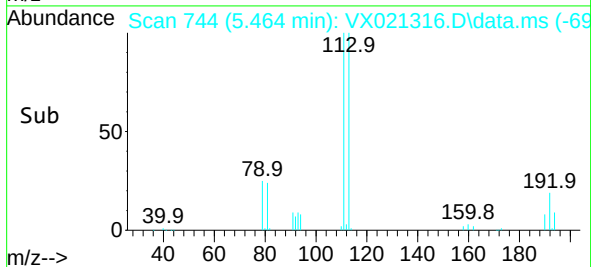
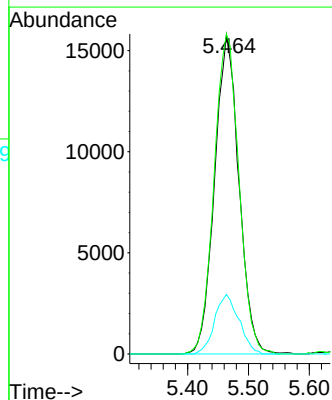
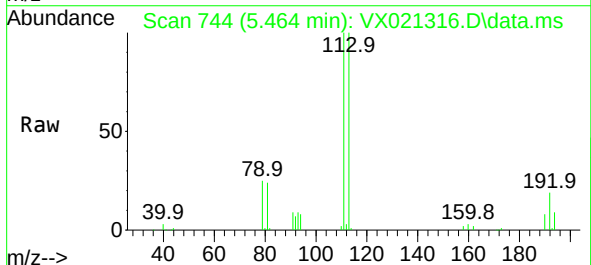
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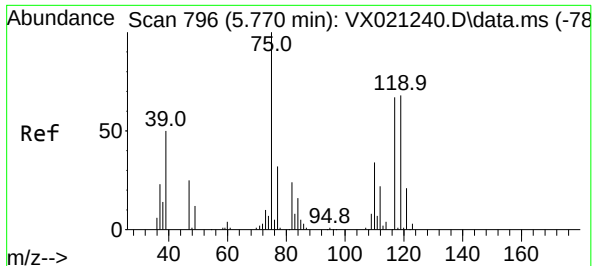
Tgt Ion:	114	Resp:	127031
Ion Ratio	Lower	Upper	
114	100		
63	24.2	0.0	40.8
88	17.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.53 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

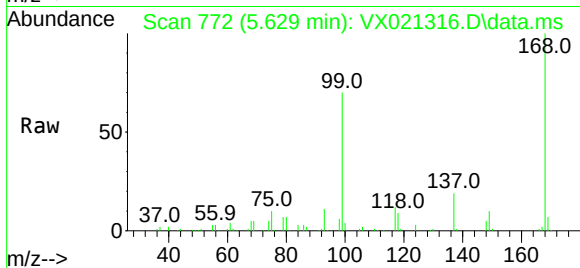
Tgt Ion:	113	Resp:	43675
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.9	122.9
192	18.7	16.7	25.1



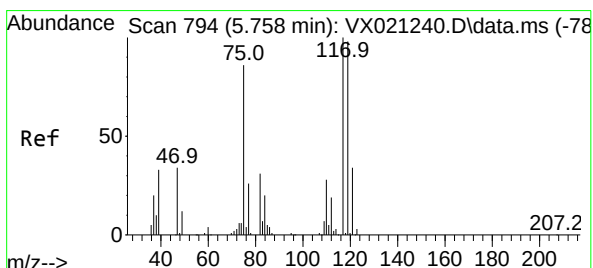
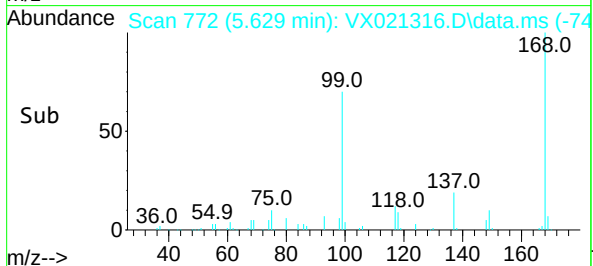
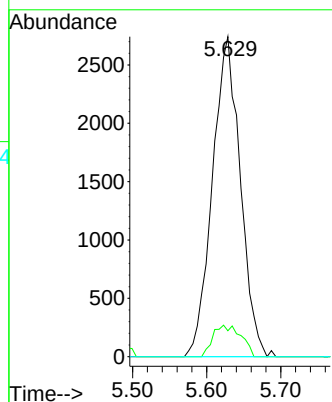


#36
1,1-Dichloropropene
Concen: 5.60 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

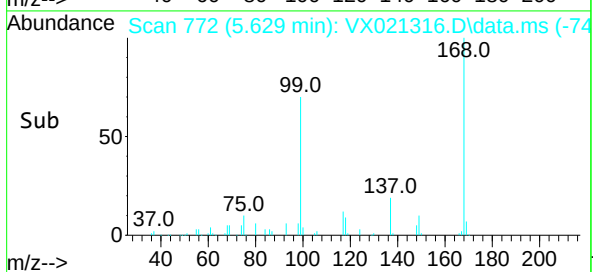
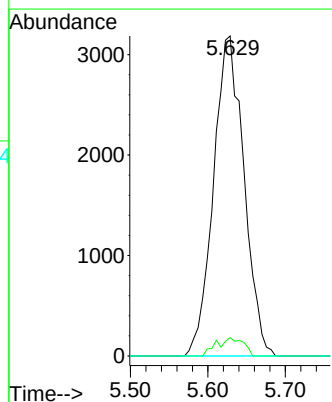
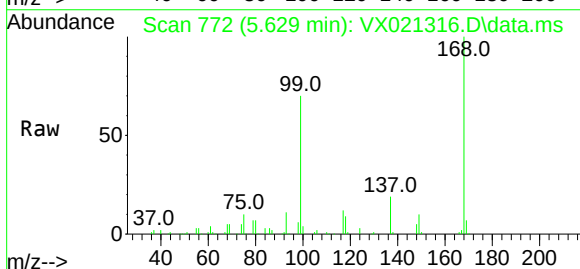


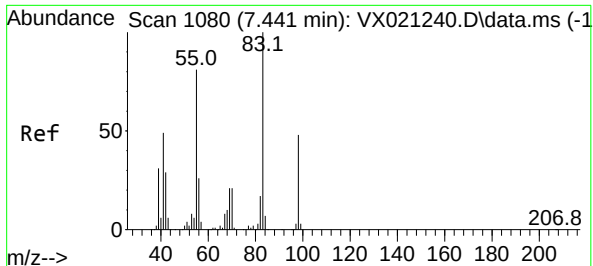
Tgt Ion: 75 Resp: 7172
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.55 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Tgt Ion: 117 Resp: 8705
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.29 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.259 min

Lab File: VX021316.D

Acq: 19 Mar 2021 20:44

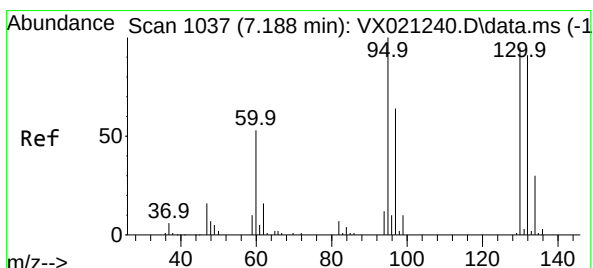
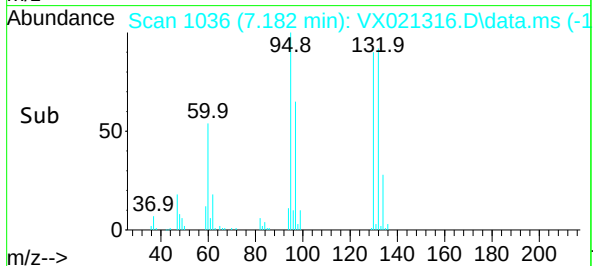
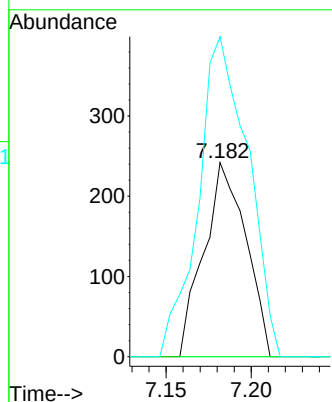
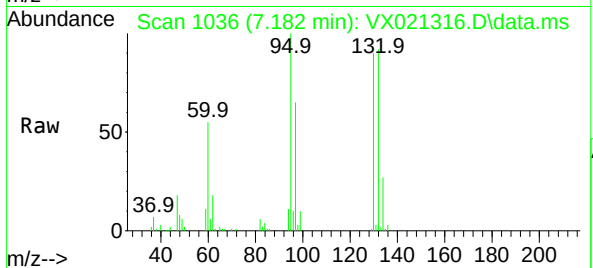
Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20210317

Tgt Ion:	83	Resp:	415
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	164.9	38.1	57.1#



#44

Trichloroethene

Concen: 30.39 ug/l

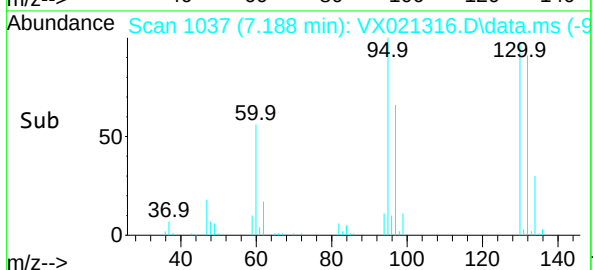
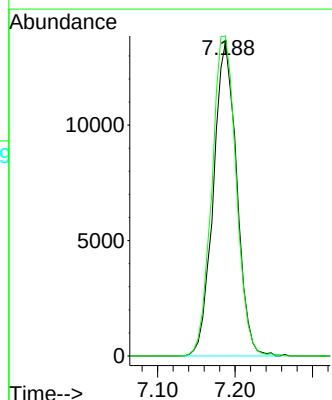
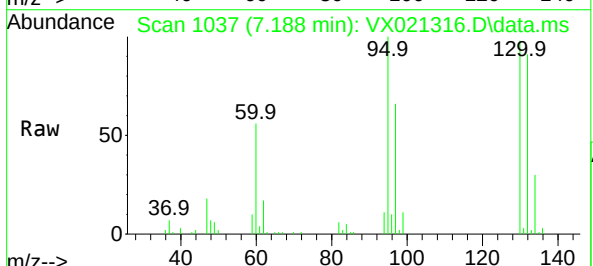
RT: 7.188 min Scan# 1037

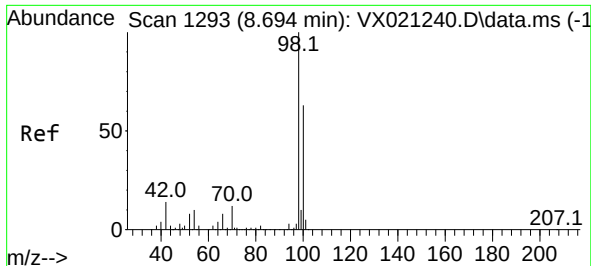
Delta R.T. -0.000 min

Lab File: VX021316.D

Acq: 19 Mar 2021 20:44

Tgt Ion:	130	Resp:	28477
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	198.0

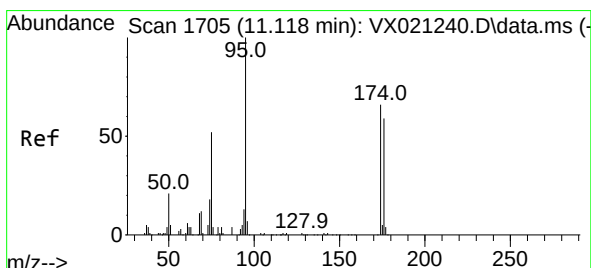
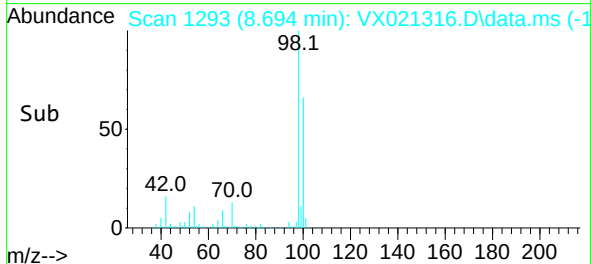
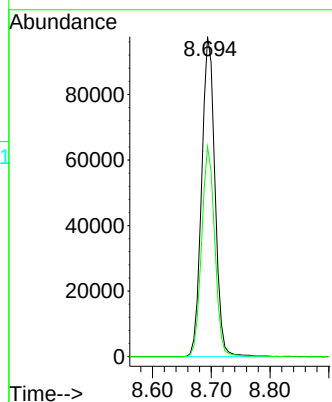
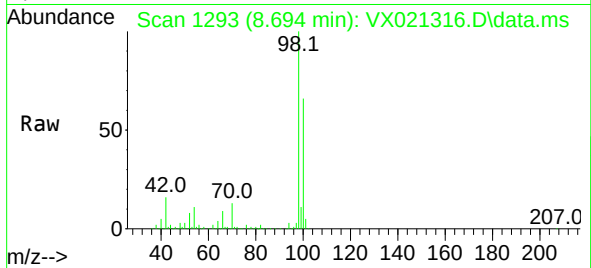




#50
Toluene-d8
Concen: 49.03 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

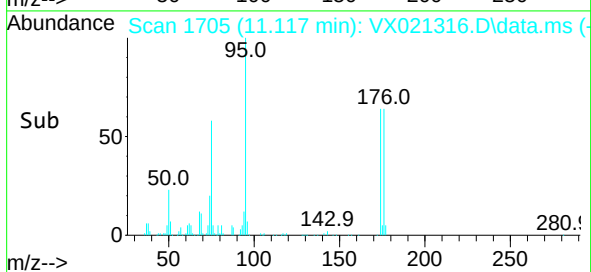
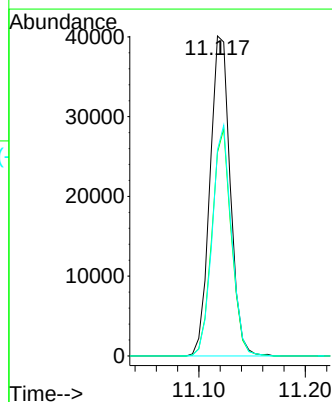
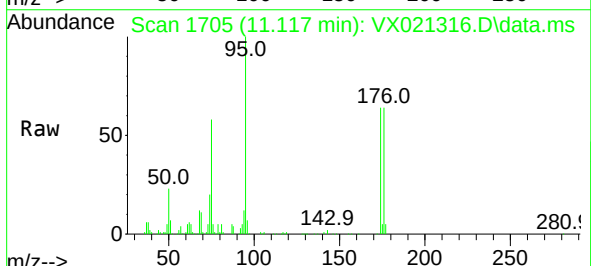
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

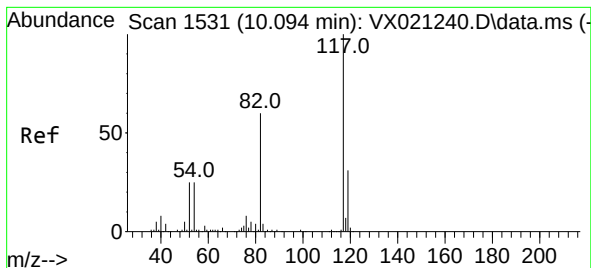
Tgt Ion: 98 Resp: 153785
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.53 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Tgt Ion: 95 Resp: 53025
Ion Ratio Lower Upper
95 100
174 67.7 0.0 154.6
176 68.4 0.0 155.8

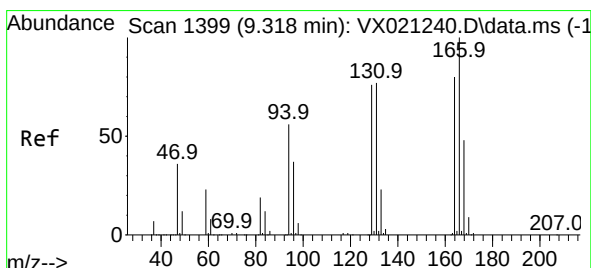
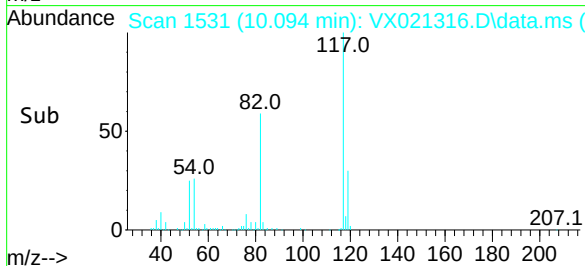
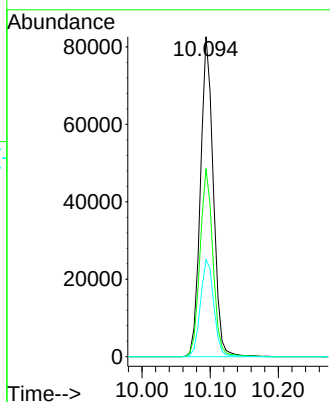
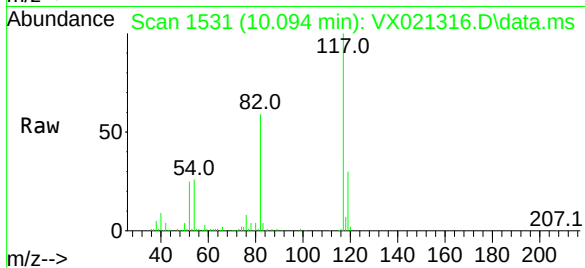




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

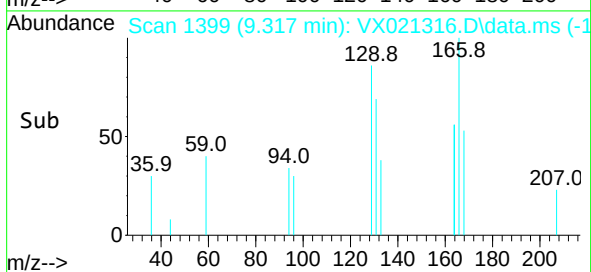
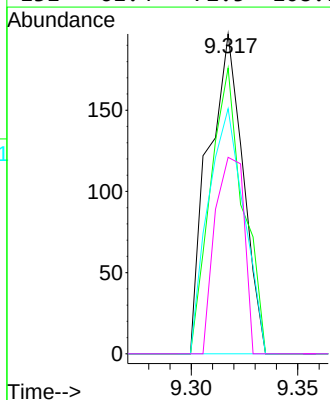
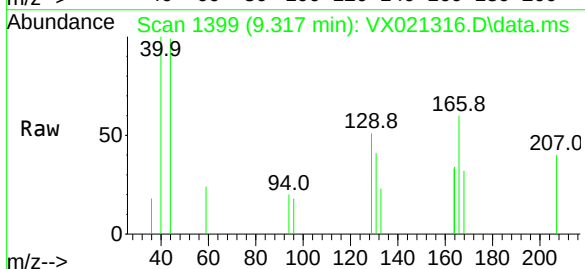
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

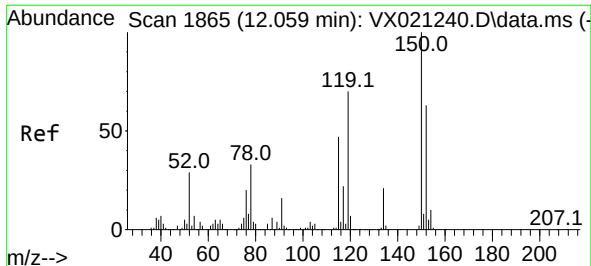
Tgt Ion:117 Resp: 108411
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 30.3 26.6 39.8



#64
Tetrachloroethene
Concen: 0.28 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021316.D
Acq: 19 Mar 2021 20:44

Tgt Ion:164 Resp: 223
Ion Ratio Lower Upper
164 100
166 89.3 103.4 155.2#
129 76.6 70.8 106.2
131 61.4 72.5 108.7#

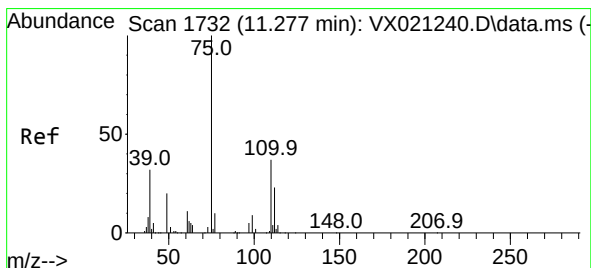
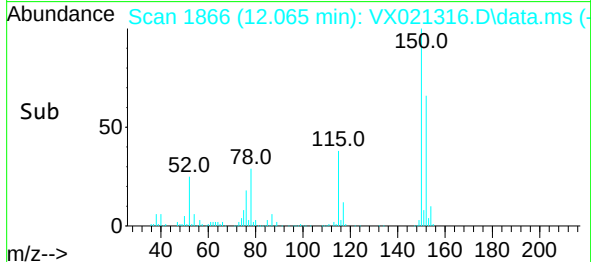
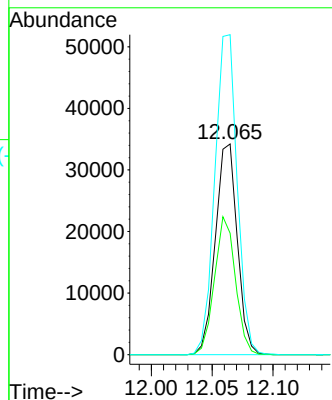
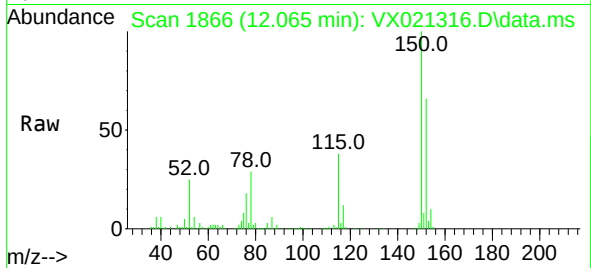




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.006 min
 Lab File: VX021316.D
 Acq: 19 Mar 2021 20:44

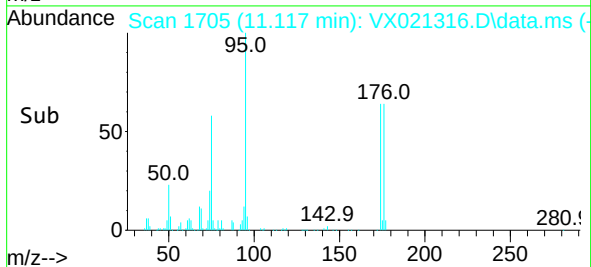
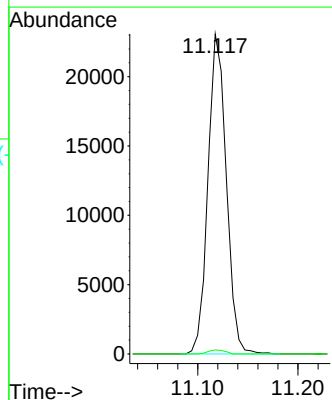
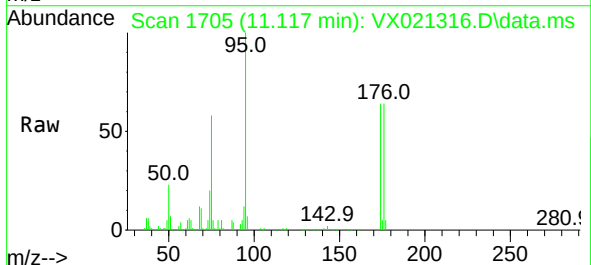
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20210317

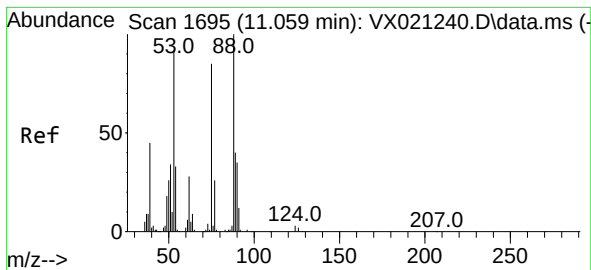
Tgt Ion:152 Resp: 42924
 Ion Ratio Lower Upper
 152 100
 115 62.6 41.1 123.3
 150 154.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.55 ug/l
 RT: 11.117 min Scan# 1705
 Delta R.T. -0.160 min
 Lab File: VX021316.D
 Acq: 19 Mar 2021 20:44

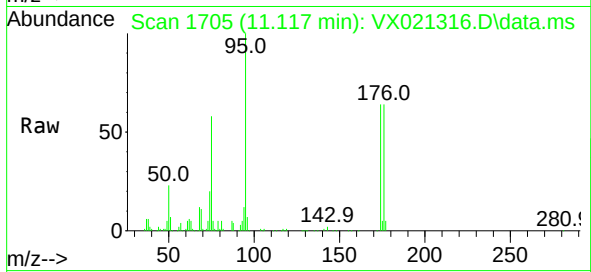
Tgt Ion: 75 Resp: 29422
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.22 ug/l
 RT: 11.117 min Scan# 1705
 Delta R.T. 0.058 min
 Lab File: VX021316.D
 Acq: 19 Mar 2021 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20210317



Tgt Ion: 75 Resp: 29422
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

