

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021691.D
 Acq On : 31 Mar 2021 17:24
 Operator : JC/MD
 Sample : M1843-21DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20210324DL

Quant Time: Apr 01 03:27:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

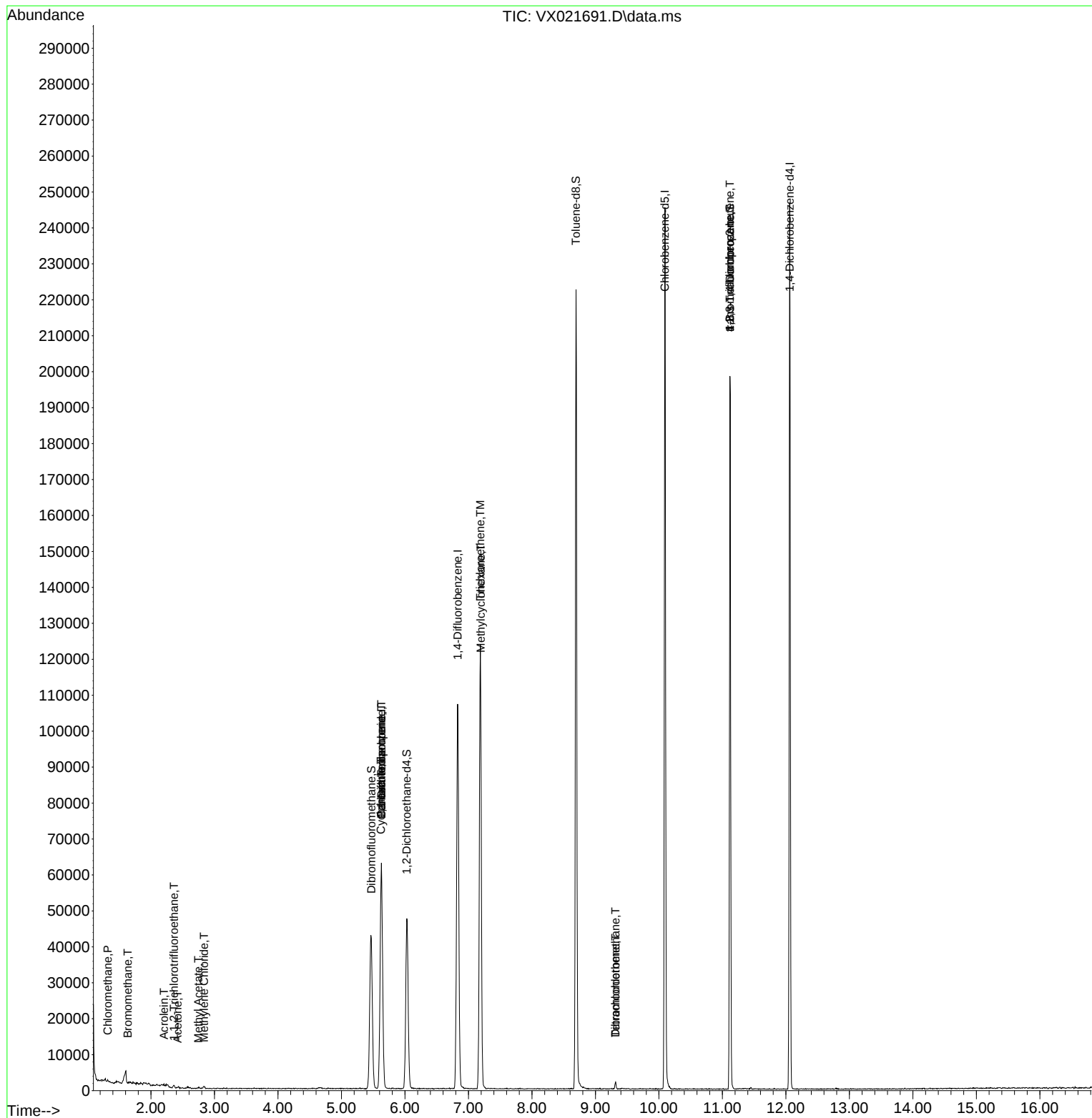
Internal Standards						
1) Pentafluorobenzene	5.629	168	53072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	99236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	101536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	47167	53.41	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 106.82%		
35) Dibromofluoromethane	5.470	113	36374	51.60	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.20%		
50) Toluene-d8	8.694	98	126070	50.19	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 100.38%		
62) 4-Bromofluorobenzene	11.118	95	50610	51.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 103.64%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1012	1.55	ug/l #	82
5) Bromomethane	1.634	94	50	0.21	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	2.364	101	254	0.46	ug/l	89
13) Acrolein	2.205	56	43	4.87	ug/l #	82
16) Acetone	2.417	43	330	0.99	ug/l #	40
18) Methyl Acetate	2.746	43	301	0.31	ug/l #	47
20) Methylene Chloride	2.835	84	274	0.42	ug/l #	84
31) Cyclohexane	5.623	56	1403	1.44	ug/l #	39
36) 1,1-Dichloropropene	5.629	75	4806	4.94	ug/l #	49
38) Carbon Tetrachloride	5.629	117	5621	5.38	ug/l #	17
39) Methylcyclohexane	7.194	83	597	0.55	ug/l #	1
44) Trichloroethene	7.188	130	43789	60.10	ug/l	100
60) Dibromochloromethane	9.318	129	283	0.35	ug/l #	11
64) Tetrachloroethene	9.318	164	269	0.40	ug/l #	89
76) 1,2,3-Trichloropropane	11.118	75	28035	26.12	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28035	79.57	ug/l #	12

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

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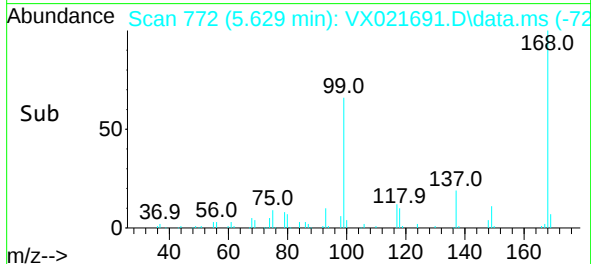
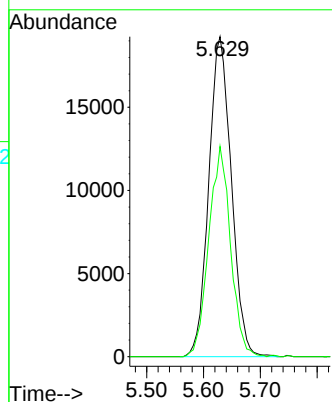
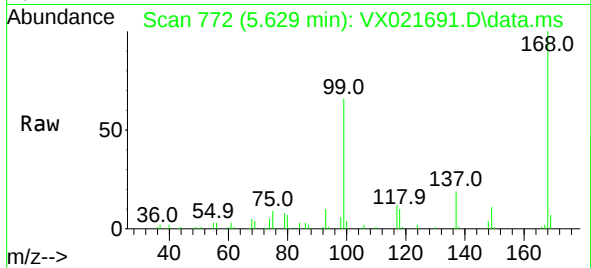




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

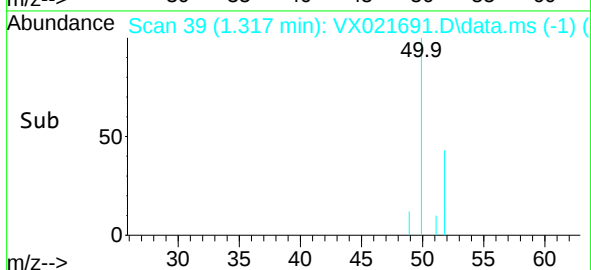
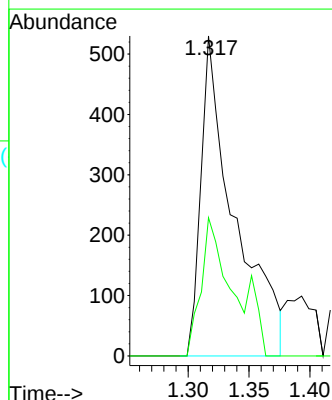
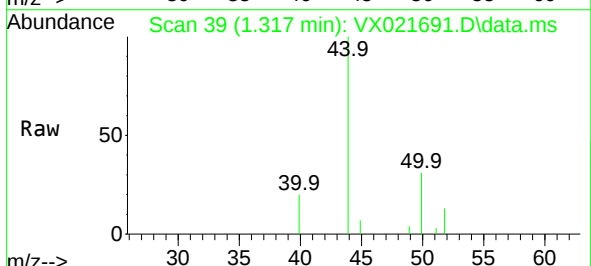
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

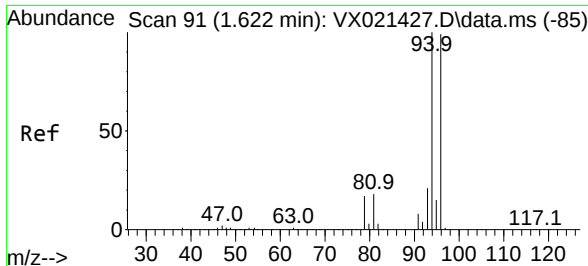
Tgt Ion:168 Resp: 53072
Ion Ratio Lower Upper
168 100
99 65.7 45.8 68.6



#3
Chloromethane
Concen: 1.55 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

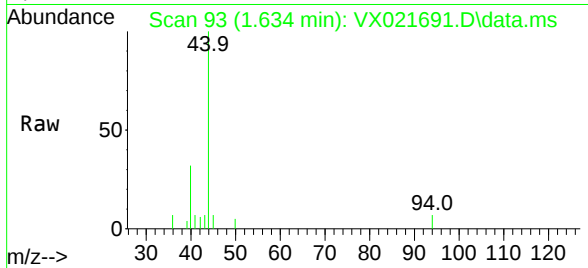
Tgt Ion: 50 Resp: 1012
Ion Ratio Lower Upper
50 100
52 43.2 26.4 39.6#



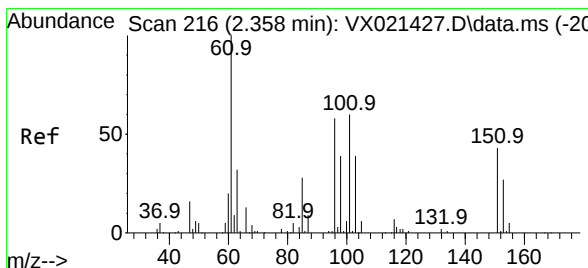
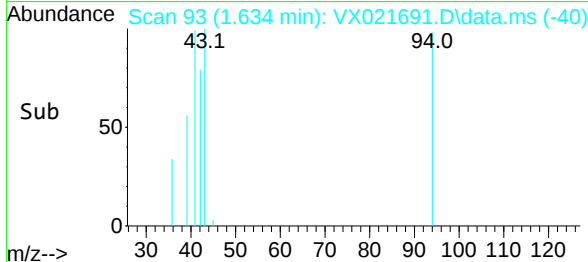
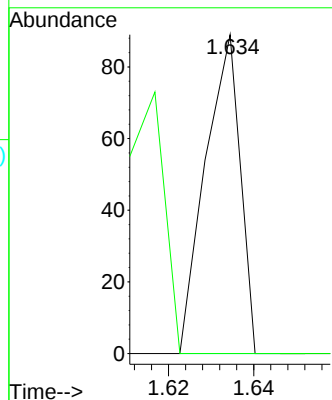


#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

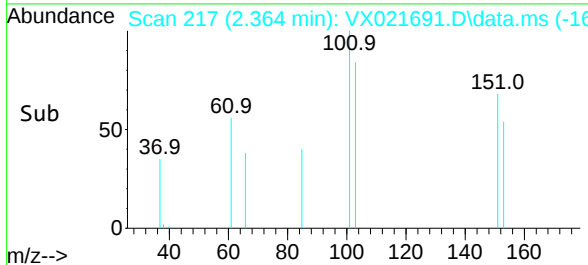
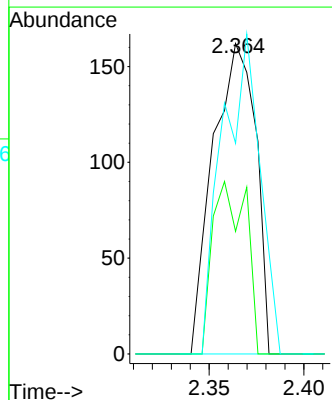
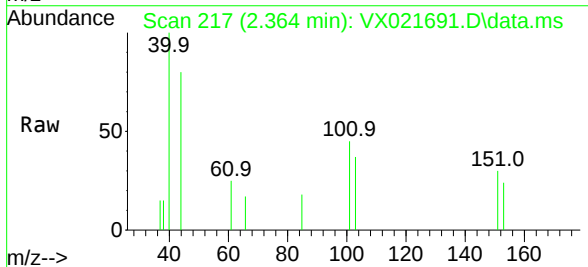


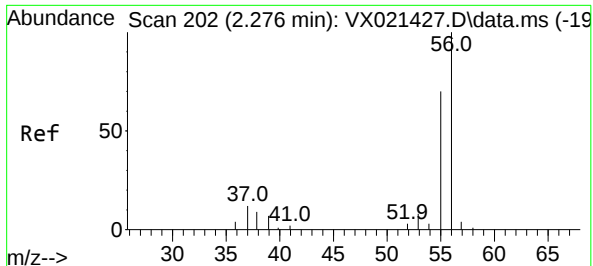
Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.46 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Tgt Ion: 101 Resp: 254
Ion Ratio Lower Upper
101 100
85 43.3 34.9 52.3
151 90.9 61.4 92.2

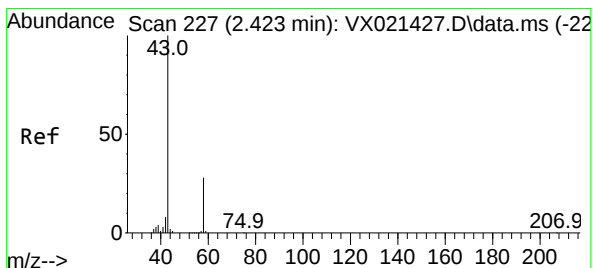
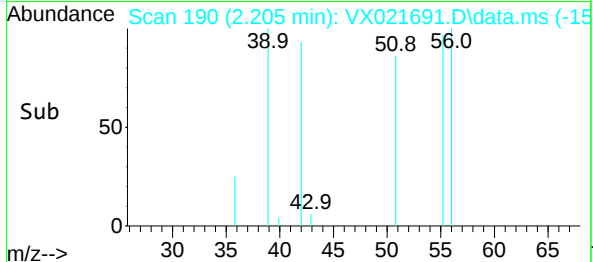
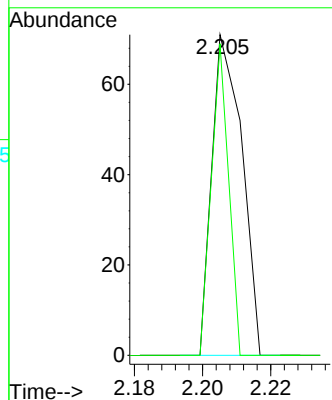
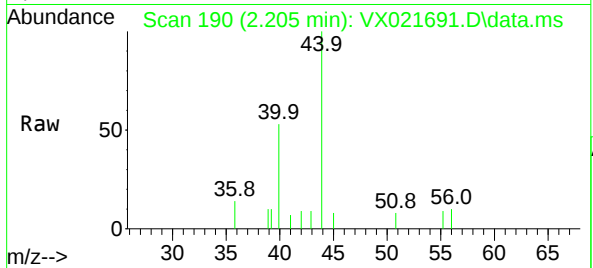




#13
Acrolein
Concen: 4.87 ug/l
RT: 2.205 min Scan# 190
Delta R.T. -0.071 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

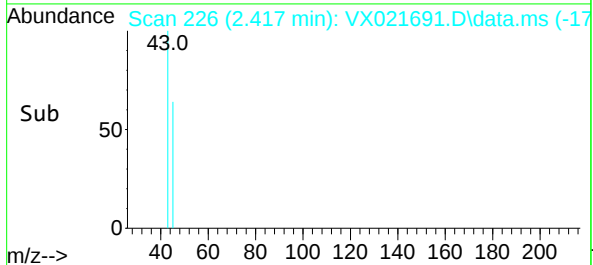
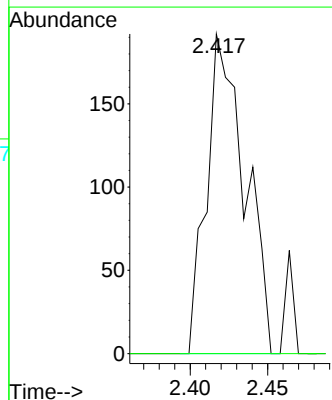
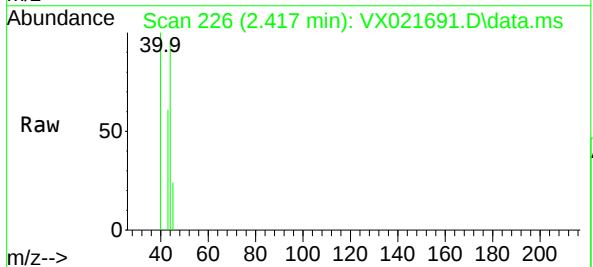
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

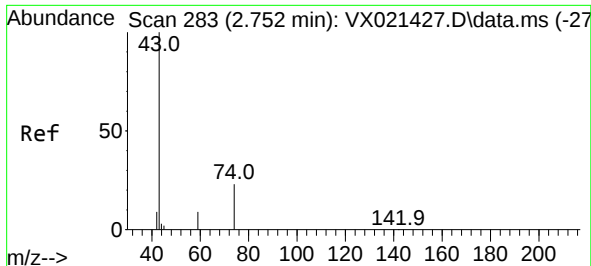
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 55.8 56.4 84.6#



#16
Acetone
Concen: 0.99 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Tgt Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

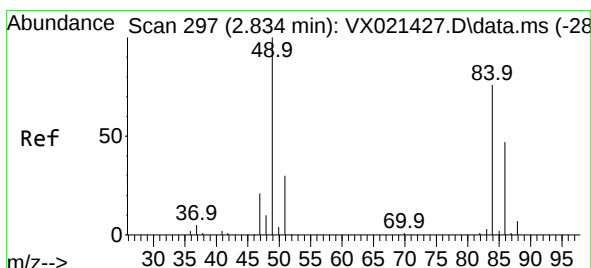
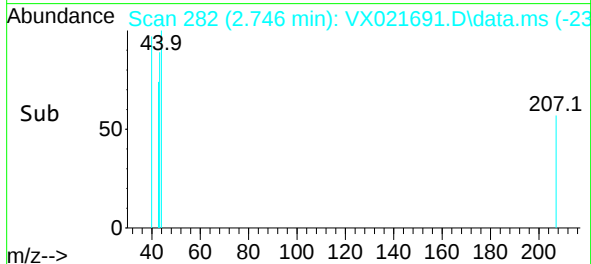
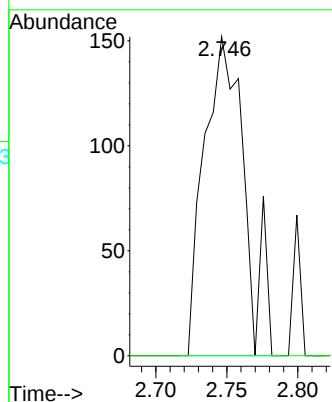
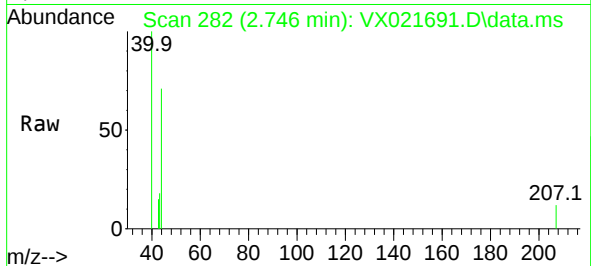




#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

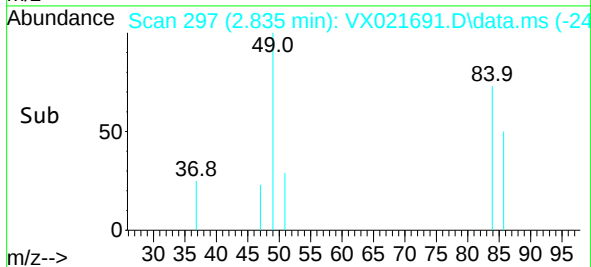
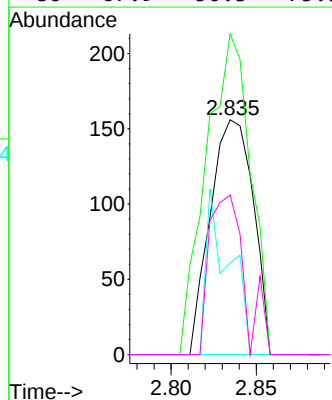
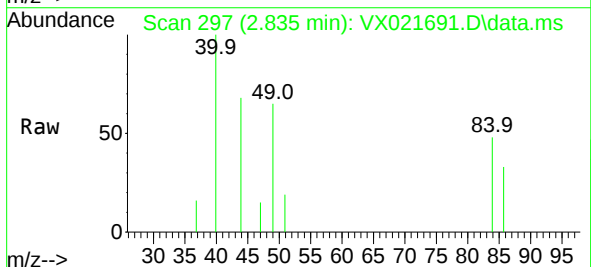
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

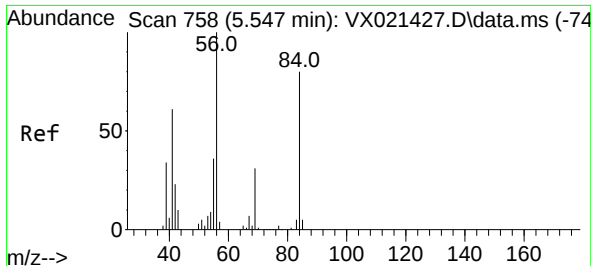
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

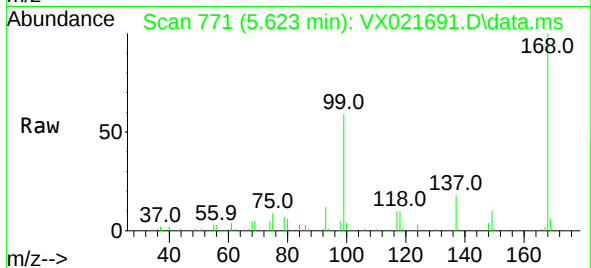
Tgt Ion: 84 Resp: 274
Ion Ratio Lower Upper
84 100
49 136.5 88.6 132.8#
51 39.1 27.0 40.6
86 67.9 50.3 75.5



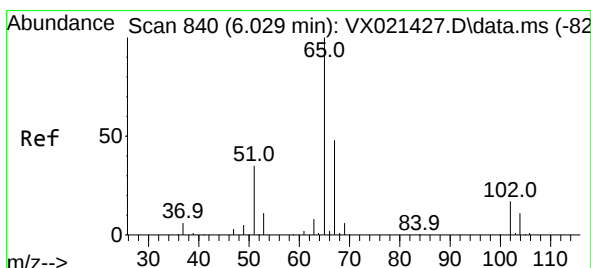
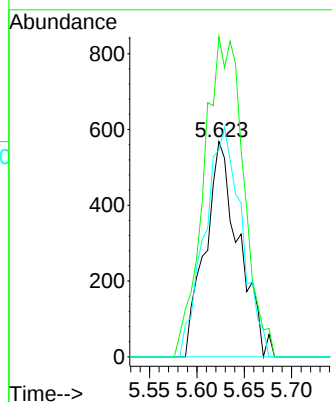
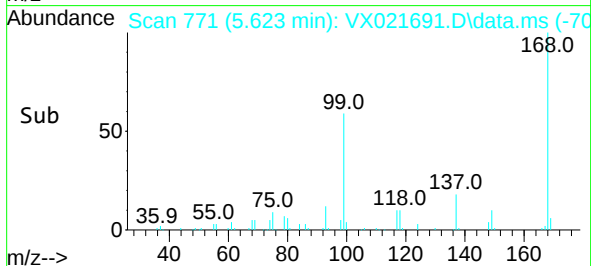


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

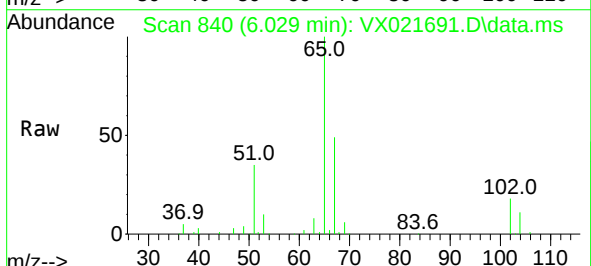
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL



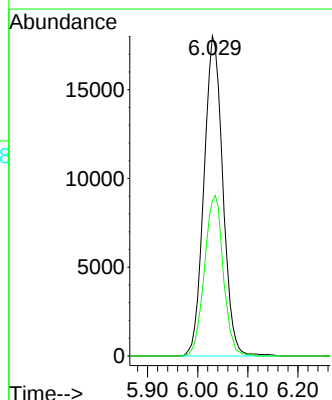
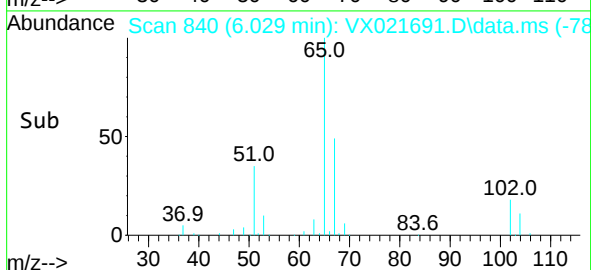
Tgt Ion: 56 Resp: 1403
Ion Ratio Lower Upper
56 100
69 148.8 25.3 37.9#
84 96.0 71.4 107.0

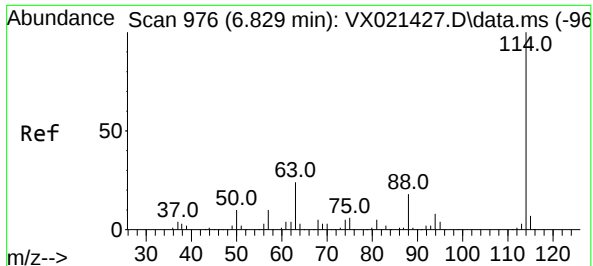


#33
1,2-Dichloroethane-d4
Concen: 53.41 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24



Tgt Ion: 65 Resp: 47167
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

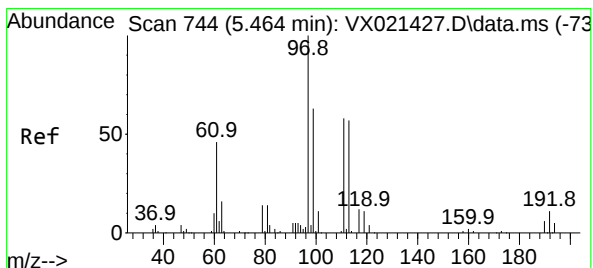
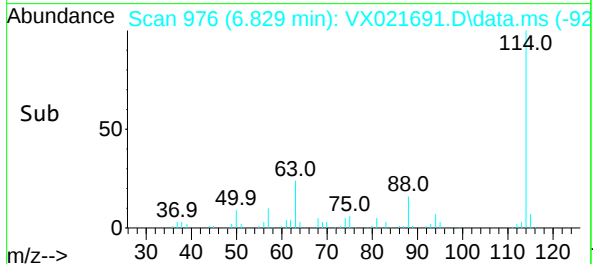
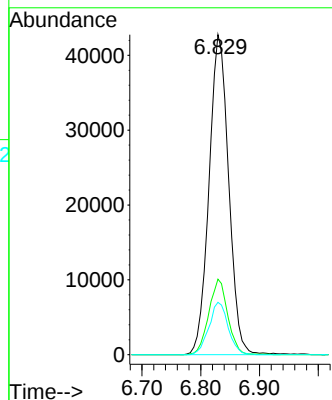
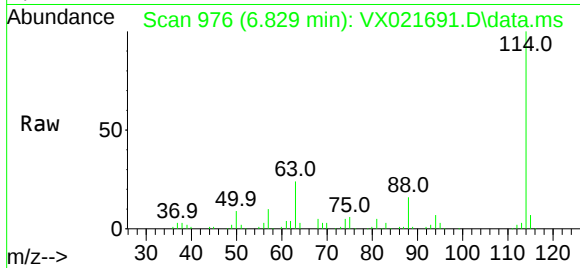




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

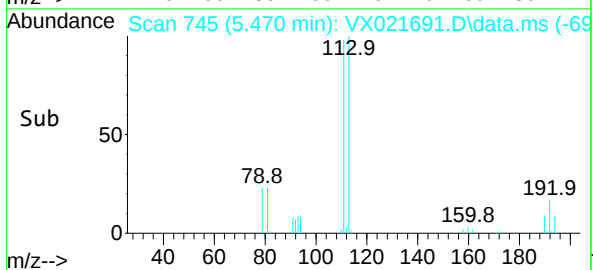
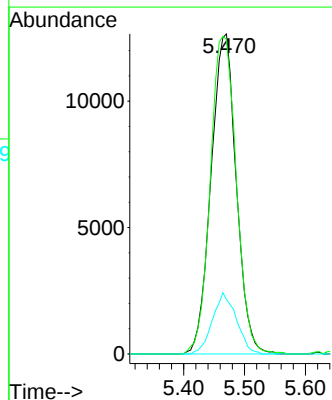
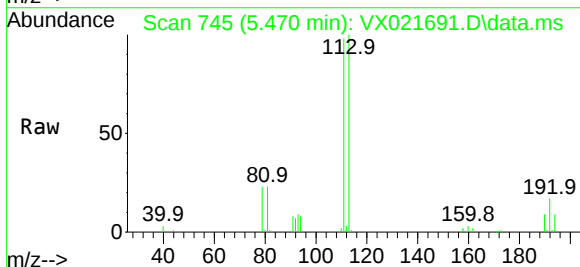
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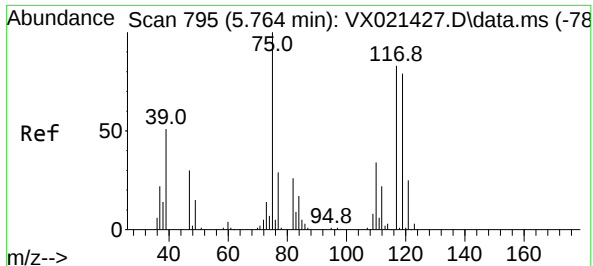
Tgt Ion:	114	Resp:	99236
Ion Ratio	Lower	Upper	
114	100		
63	23.6	0.0	40.8
88	16.4	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.60 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Tgt Ion:	113	Resp:	36374
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.9	122.9
192	18.2	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.94 ug/l

RT: 5.629 min Scan# 772

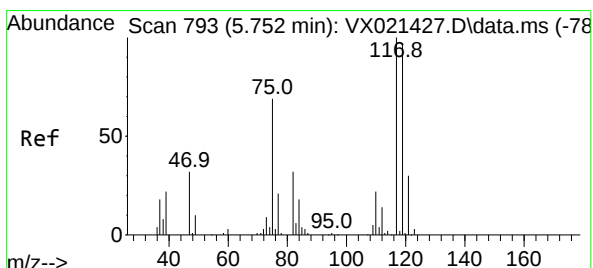
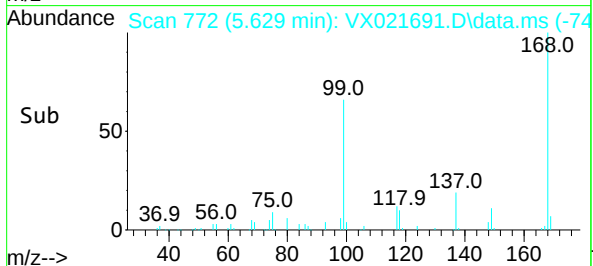
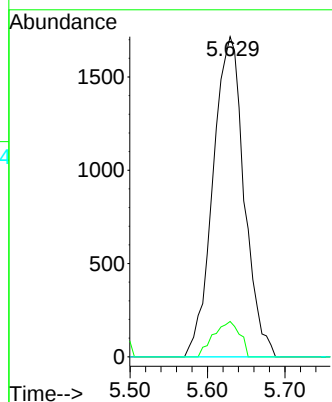
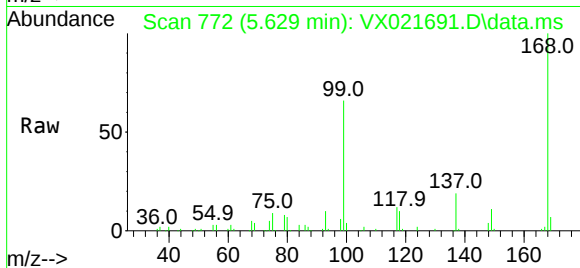
Delta R.T. -0.135 min

Lab File: VX021691.D

Acq: 31 Mar 2021 17:24

Tgt Ion: 75	Resp: 4806
Ion Ratio	Lower Upper
75 100	
110 9.3	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL



#38

Carbon Tetrachloride

Concen: 5.38 ug/l

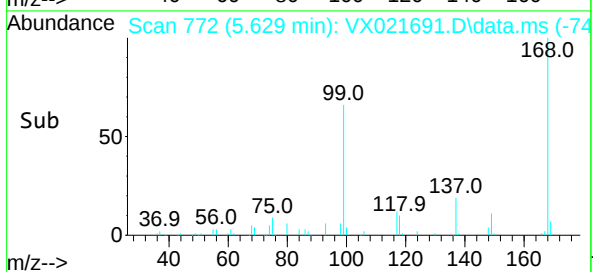
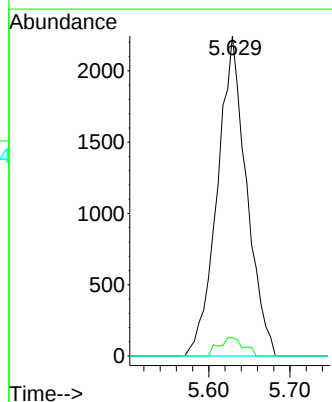
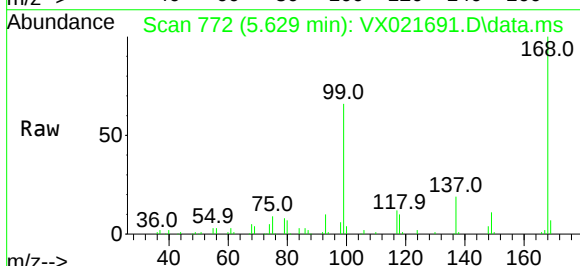
RT: 5.629 min Scan# 772

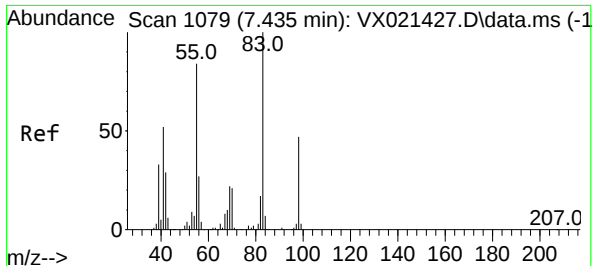
Delta R.T. -0.123 min

Lab File: VX021691.D

Acq: 31 Mar 2021 17:24

Tgt Ion: 117	Resp: 5621
Ion Ratio	Lower Upper
117 100	
119 5.7	76.2 114.2#
121 0.0	24.8 37.2#





#39

Methylcyclohexane

Concen: 0.55 ug/l

RT: 7.194 min Scan# 1038

Delta R.T. -0.241 min

Lab File: VX021691.D

Acq: 31 Mar 2021 17:24

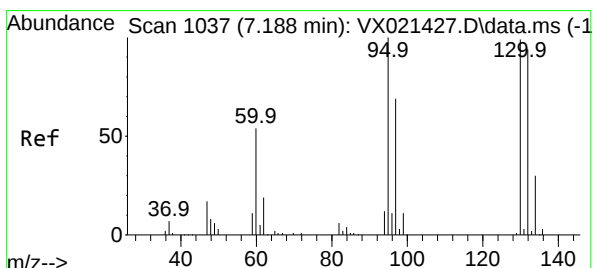
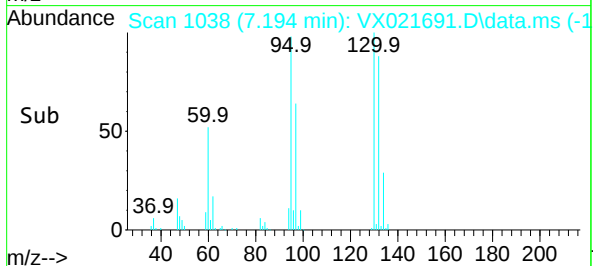
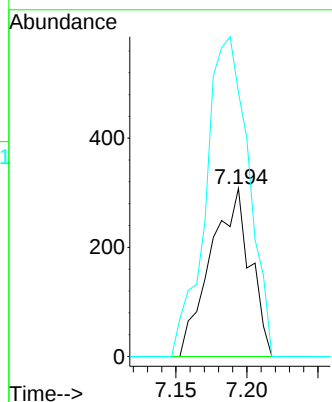
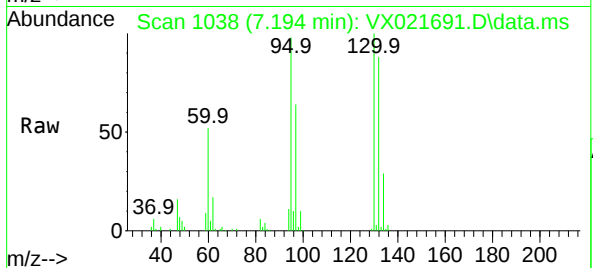
Instrument :

MSVOA_X

ClientSampleId :

RW4-20210324DL

Tgt Ion:	83	Resp:	597
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	157.1	38.1	57.1#



#44

Trichloroethene

Concen: 60.10 ug/l

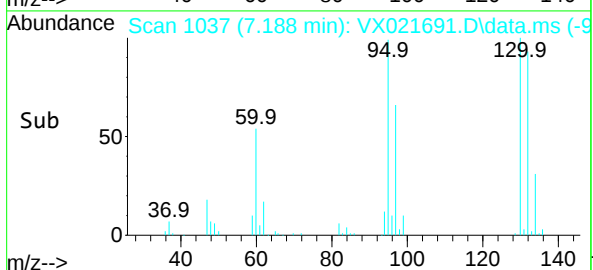
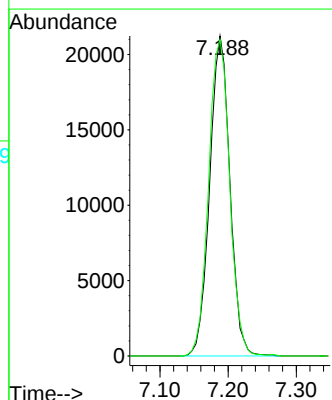
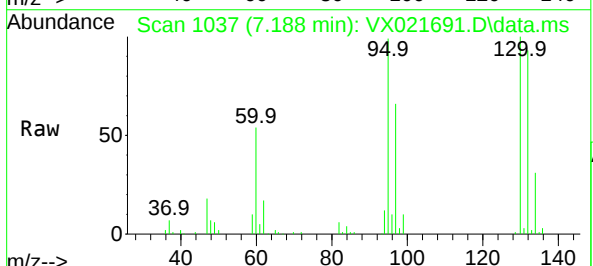
RT: 7.188 min Scan# 1037

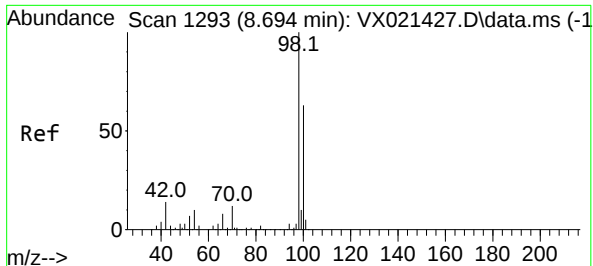
Delta R.T. 0.000 min

Lab File: VX021691.D

Acq: 31 Mar 2021 17:24

Tgt Ion:	130	Resp:	43789
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	198.0

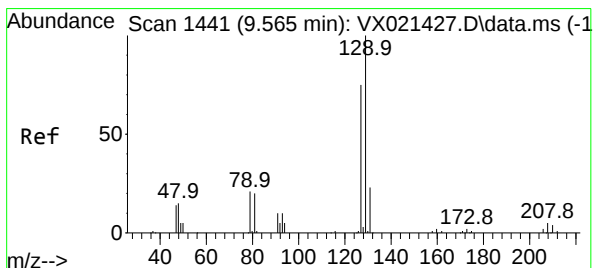
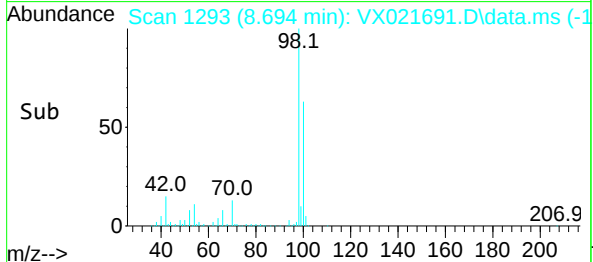
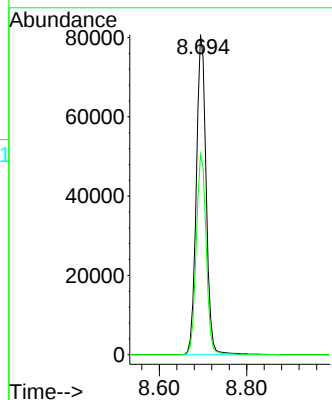
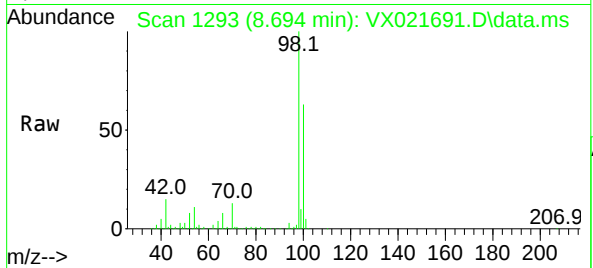




#50
Toluene-d8
Concen: 50.19 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

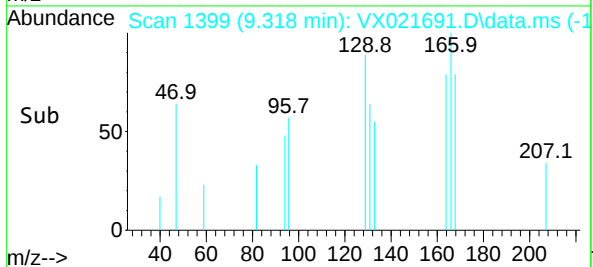
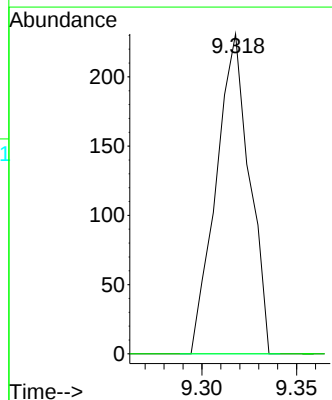
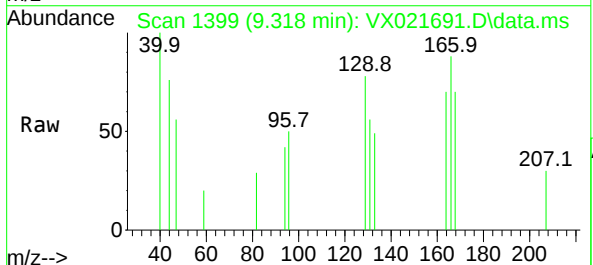
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

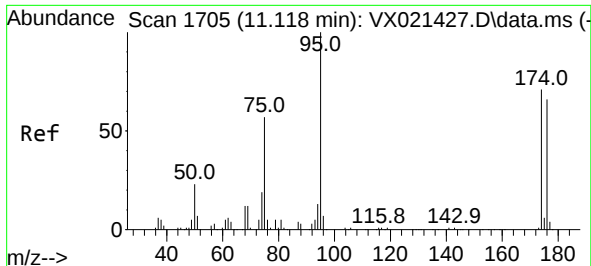
Tgt Ion: 98 Resp: 126070
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#60
Dibromochloromethane
Concen: 0.35 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Tgt Ion:129 Resp: 283
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

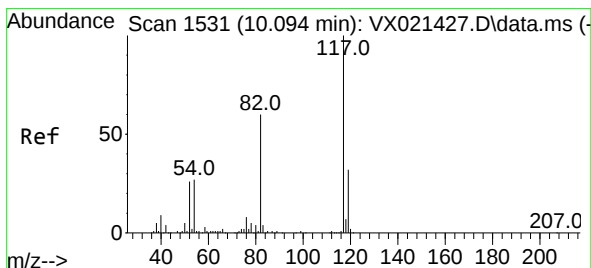
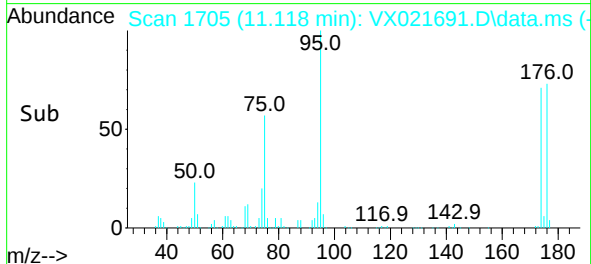
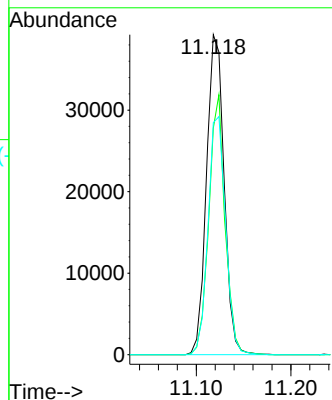
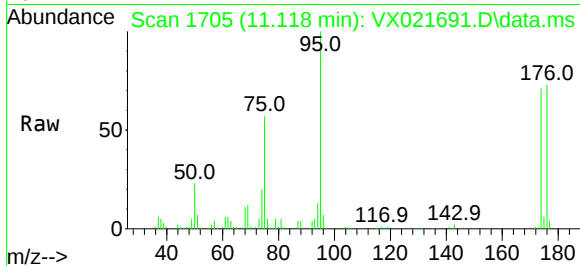




#62
4-Bromofluorobenzene
Concen: 51.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

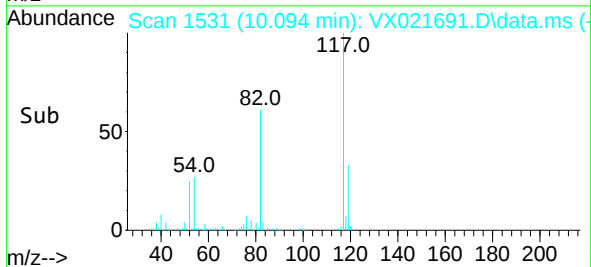
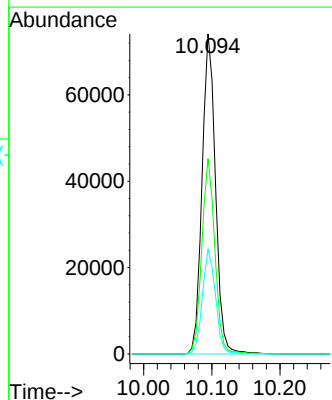
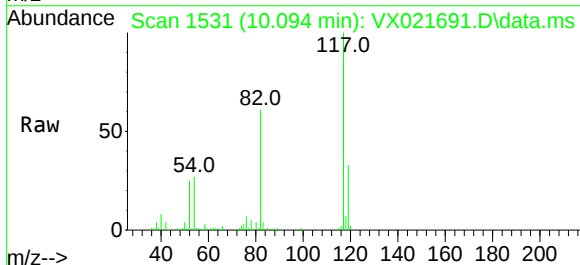
Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

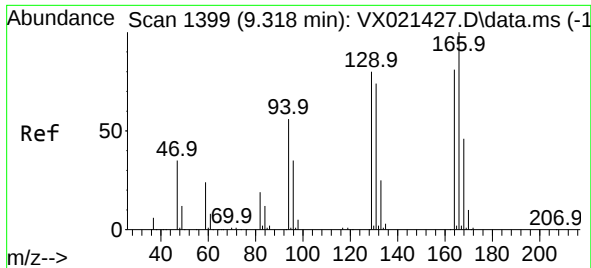
Tgt Ion: 95 Resp: 50610
Ion Ratio Lower Upper
95 100
174 74.7 0.0 154.6
176 74.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

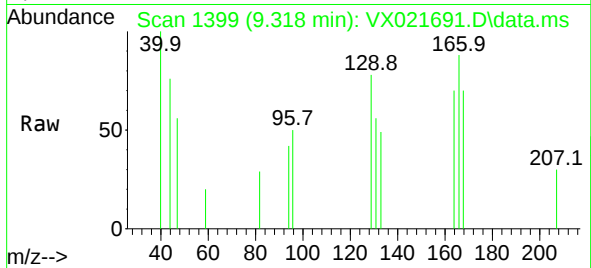
Tgt Ion: 117 Resp: 101536
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.7 26.6 39.8



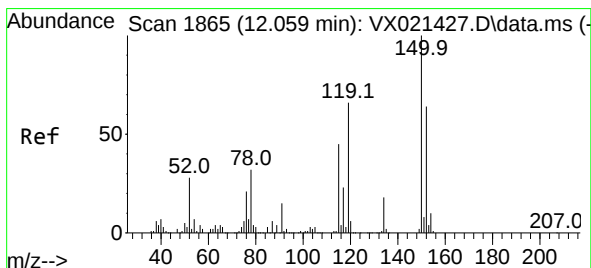
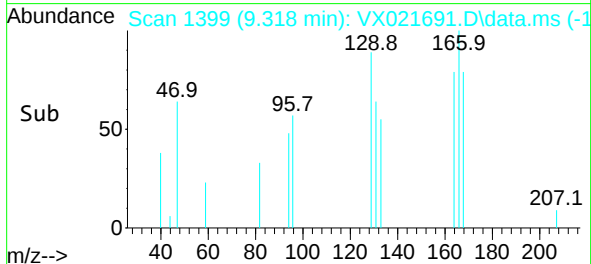
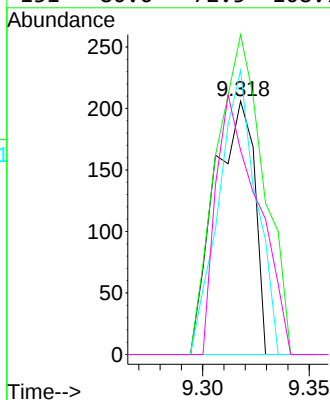


#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

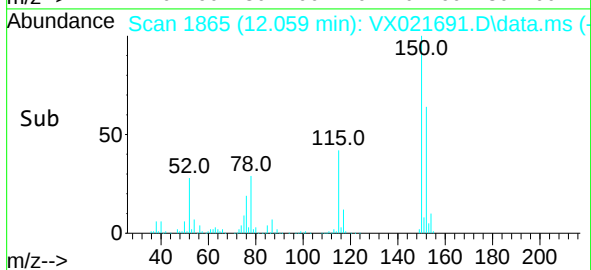
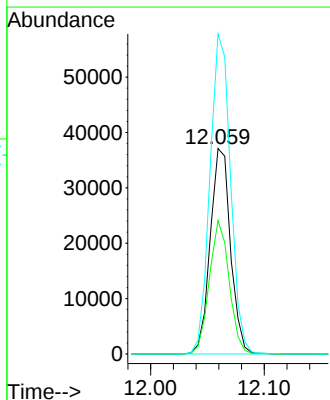
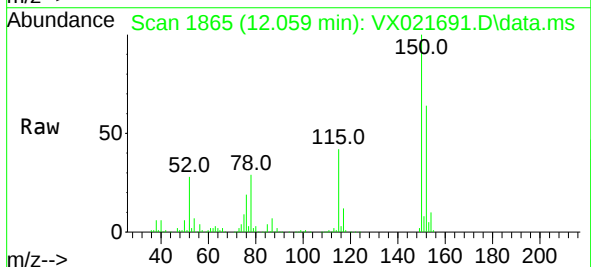


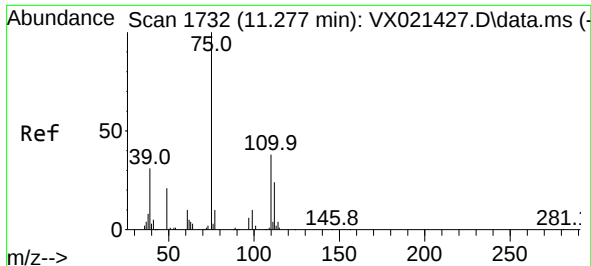
Tgt Ion:	164	Resp:	269
Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.4	155.2
129	112.1	70.8	106.2#
131	80.6	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Tgt Ion:	152	Resp:	46101
Ion	Ratio	Lower	Upper
152	100		
115	63.4	41.1	123.3
150	157.8	0.0	349.0

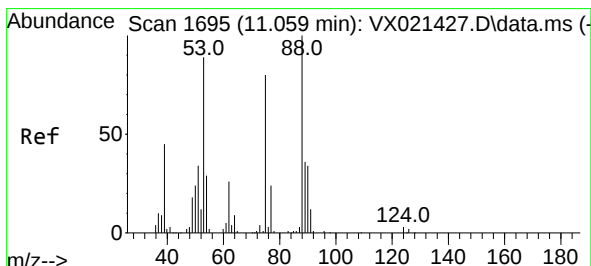
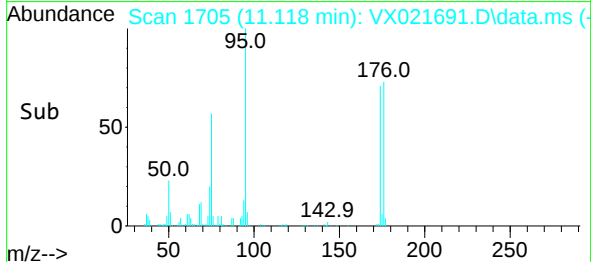
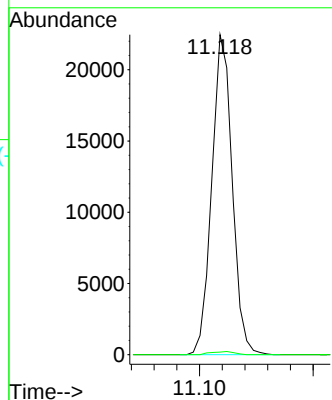
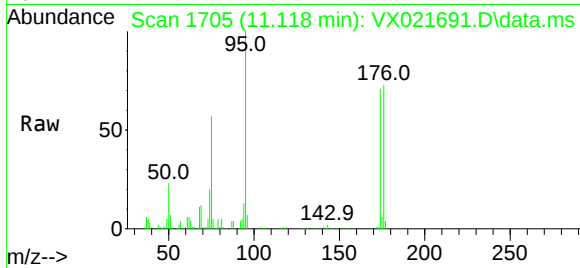




#76
1,2,3-Trichloropropane
Concen: 26.12 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Instrument :
MSVOA_X
ClientSampleId :
RW4-20210324DL

Tgt Ion: 75 Resp: 28035
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021691.D
Acq: 31 Mar 2021 17:24

Tgt Ion: 75 Resp: 28035
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

