

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021654.D
 Acq On : 31 Mar 2021 01:27
 Operator : JC/MD
 Sample : M1843-14DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20210325DL

Quant Time: Mar 31 06:11:50 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)

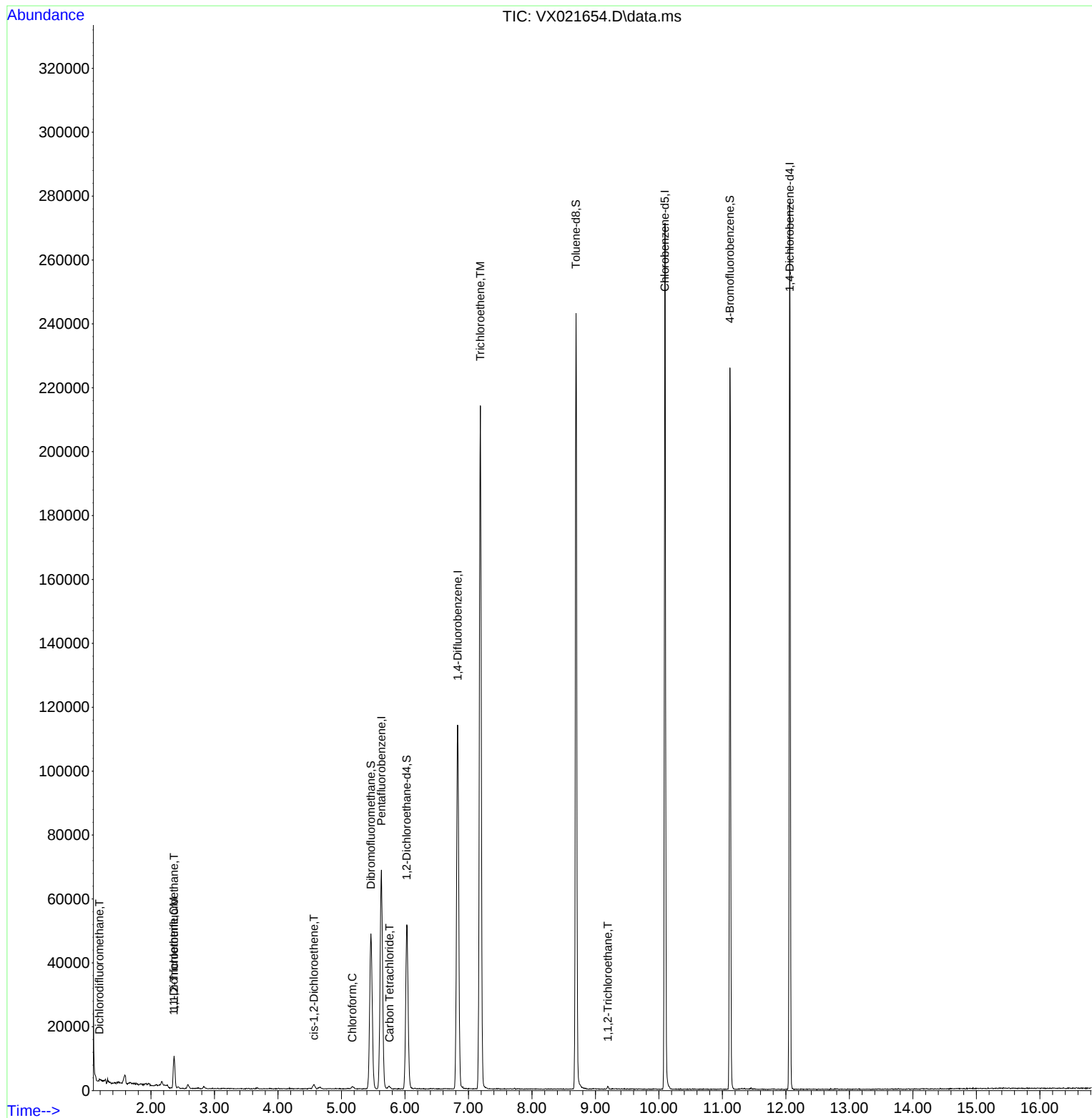
Internal Standards						
1) Pentafluorobenzene	5.629	168	57966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	107839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50882	52.76	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.52%		
35) Dibromofluoromethane	5.464	113	39726	51.86	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.72%		
50) Toluene-d8	8.694	98	137531	50.38	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.76%		
62) 4-Bromofluorobenzene	11.118	95	57056	53.76	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.52%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	181	0.28	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.364	101	3571	5.99	ug/l	97
12) 1,1-Dichloroethene	2.358	96	367	0.63	ug/l #	77
27) cis-1,2-Dichloroethene	4.564	96	813	1.09	ug/l	94
30) Chloroform	5.170	83	829	0.63	ug/l #	80
38) Carbon Tetrachloride	5.758	117	690	0.61	ug/l #	67
44) Trichloroethene	7.188	130	74411	93.98	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	239	0.31	ug/l #	84

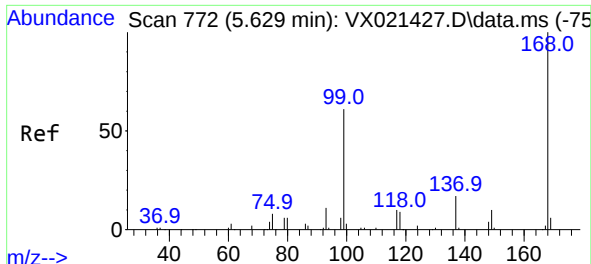
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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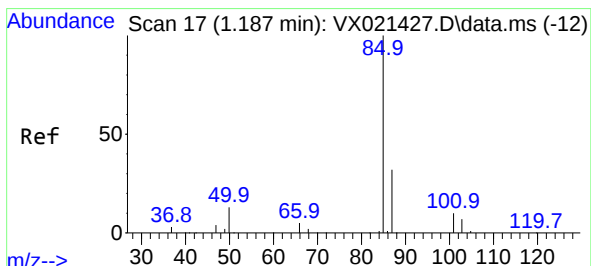
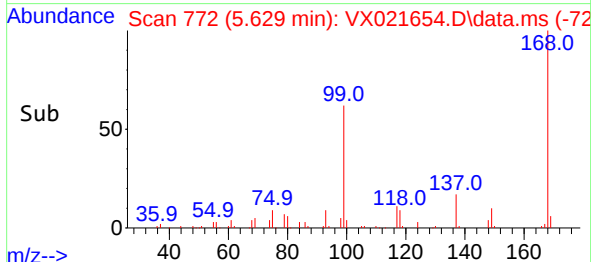
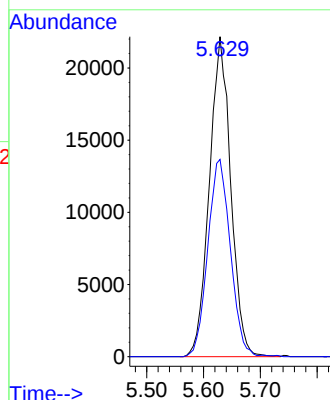
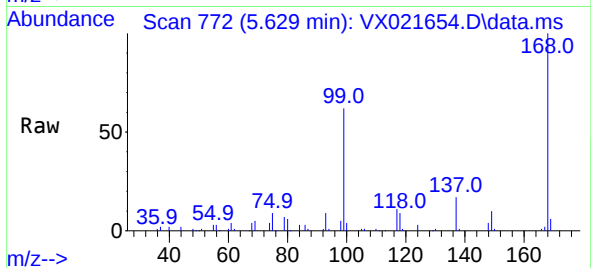




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

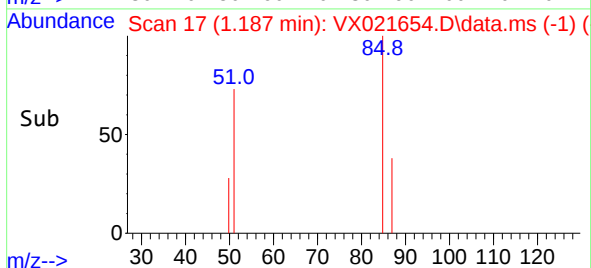
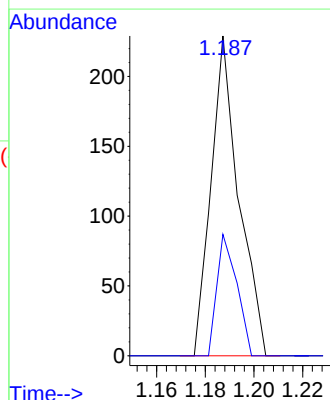
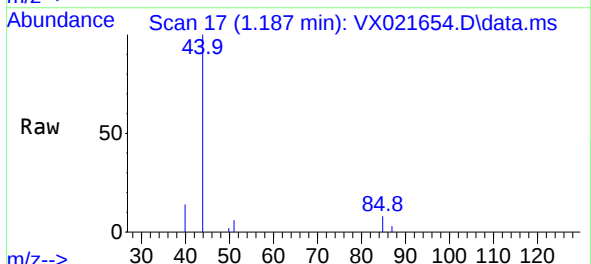
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325DL

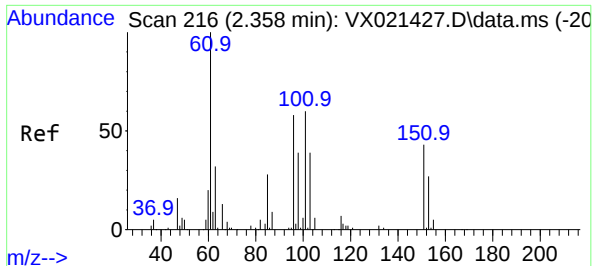
Tgt Ion:168 Resp: 57966
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.28 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Tgt Ion: 85 Resp: 181
Ion Ratio Lower Upper
85 100
87 38.0 16.4 49.2

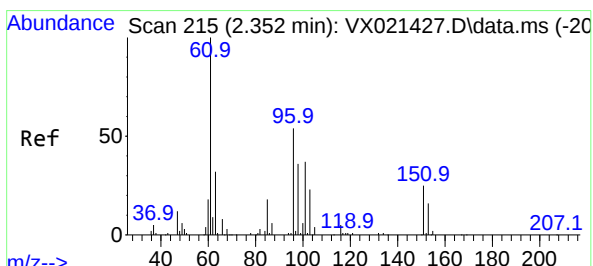
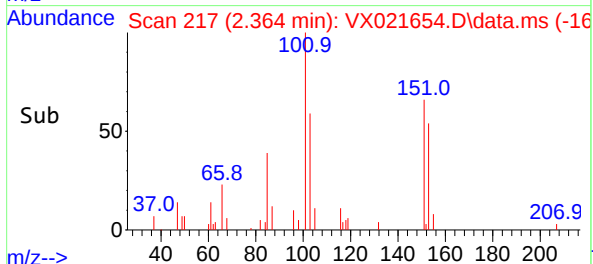
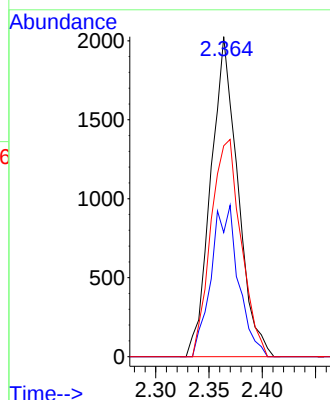
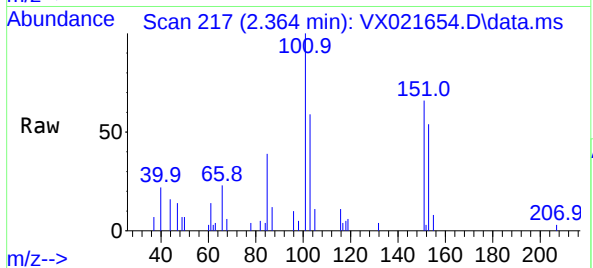




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.99 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

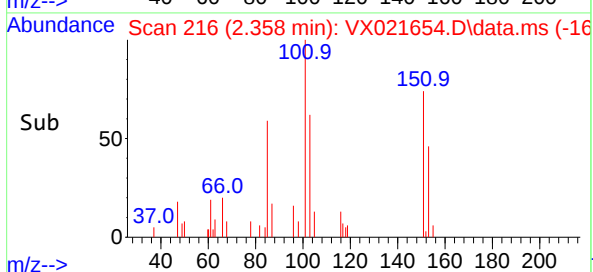
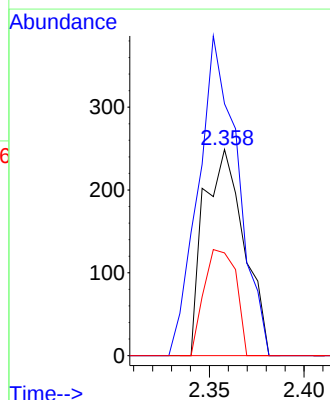
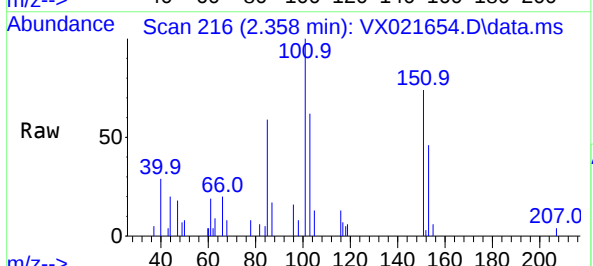
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325DL

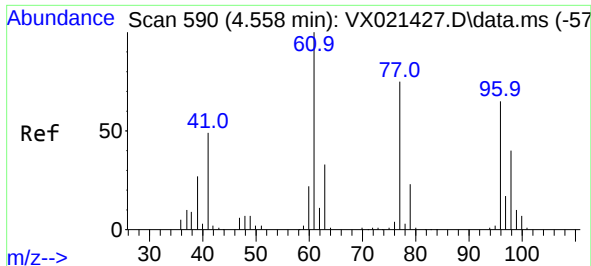
Tgt Ion:101 Resp: 3571
Ion Ratio Lower Upper
101 100
85 47.8 34.9 52.3
151 75.8 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.63 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Tgt Ion: 96 Resp: 367
Ion Ratio Lower Upper
96 100
61 122.1 124.6 187.0#
98 49.8 50.6 76.0#





#27

cis-1,2-Dichloroethene

Concen: 1.09 ug/l

RT: 4.564 min Scan# 591

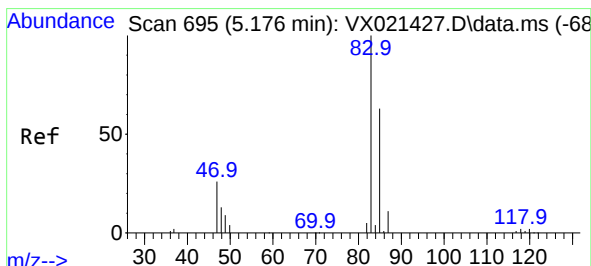
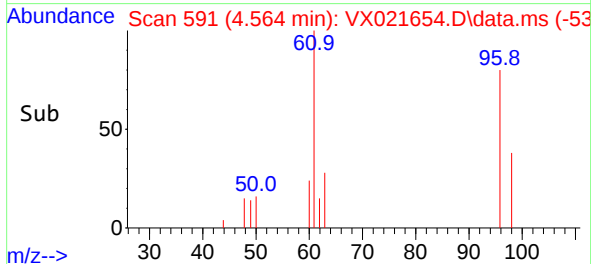
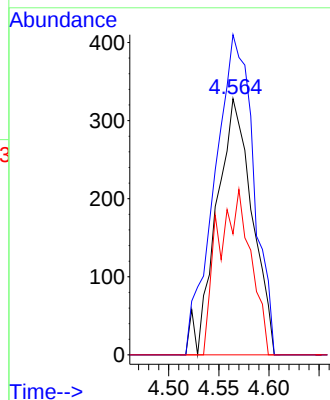
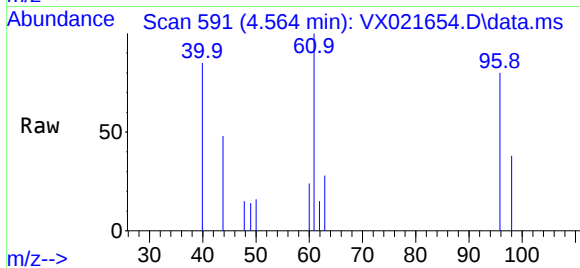
Delta R.T. 0.006 min

Lab File: VX021654.D

Acq: 31 Mar 2021 01:27

Tgt Ion: 96 Resp: 813

Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	285.6
98	59.3	0.0	129.6



#30

Chloroform

Concen: 0.63 ug/l

RT: 5.170 min Scan# 694

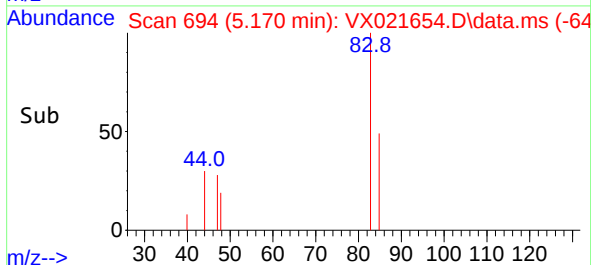
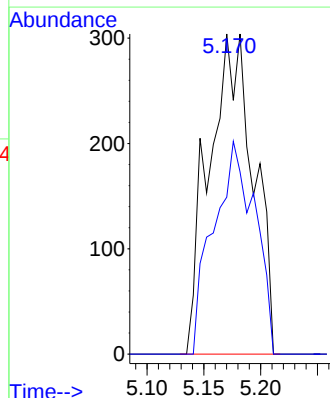
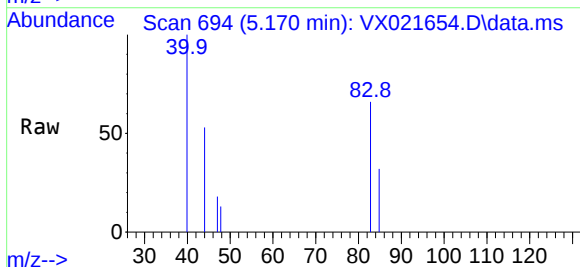
Delta R.T. -0.006 min

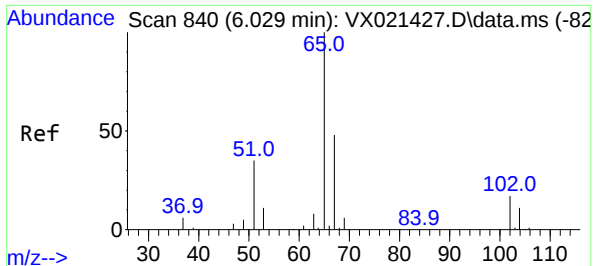
Lab File: VX021654.D

Acq: 31 Mar 2021 01:27

Tgt Ion: 83 Resp: 829

Ion	Ratio	Lower	Upper
83	100		
85	49.0	52.0	78.0#



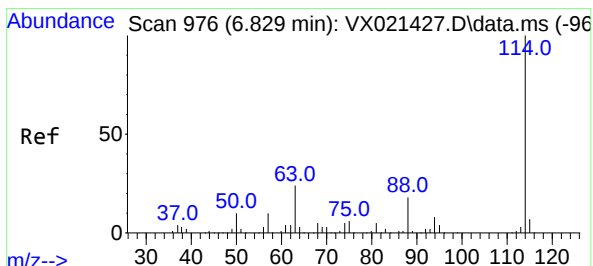
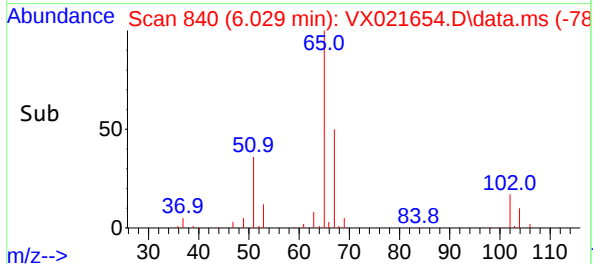
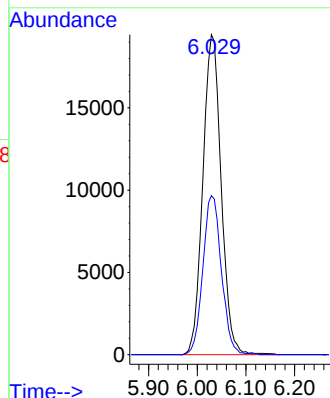
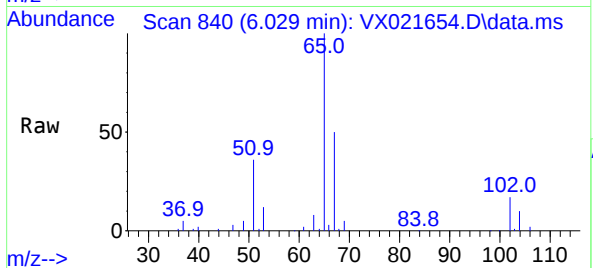


#33

1,2-Dichloroethane-d4
Concen: 52.76 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

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RE114D1-20210325DL

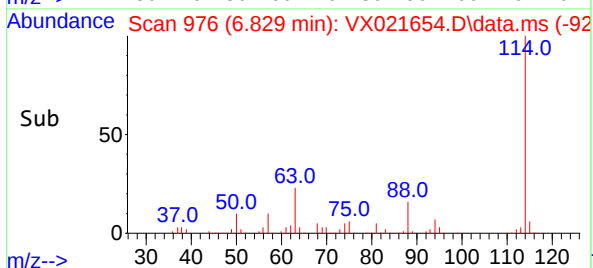
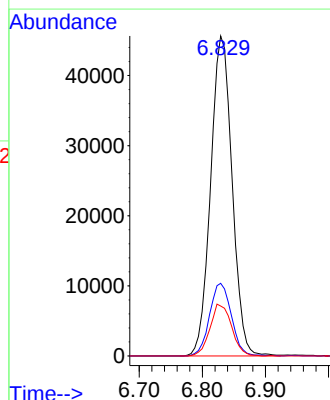
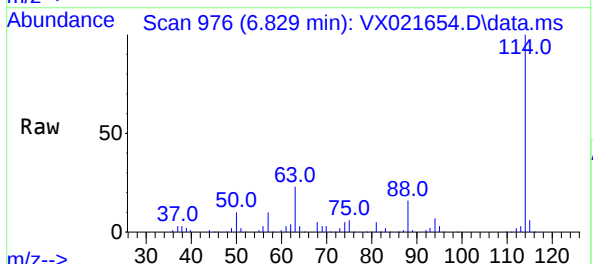
Tgt Ion: 65 Resp: 50882
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

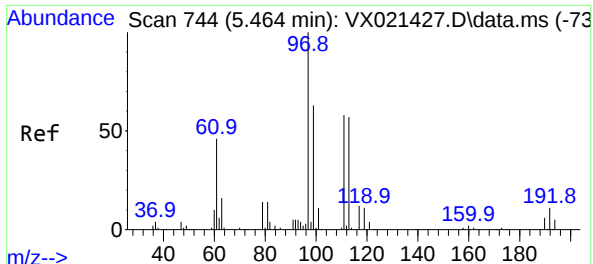


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Tgt Ion: 114 Resp: 107839
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 15.6 0.0 32.8



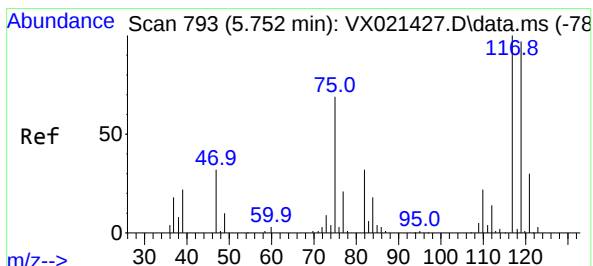
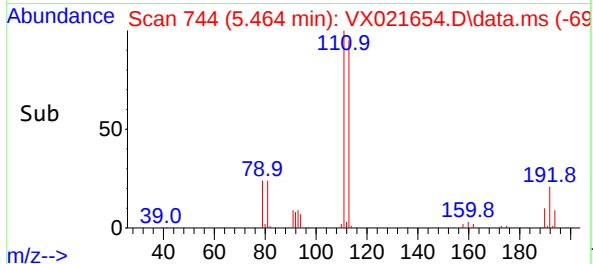
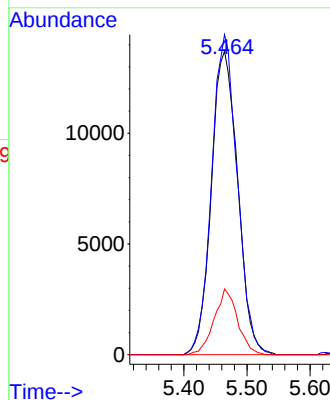
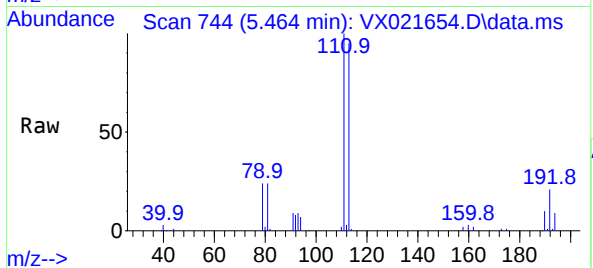


#35
Dibromofluoromethane
Concen: 51.86 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325DL

Tgt Ion:113 Resp: 39726

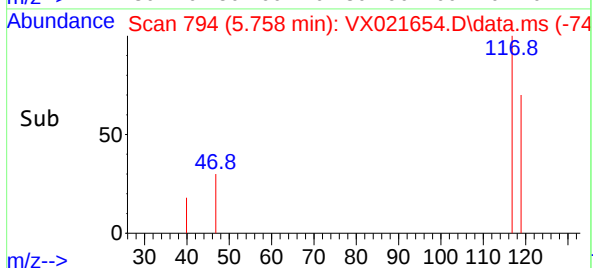
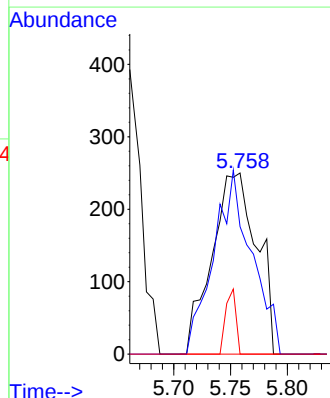
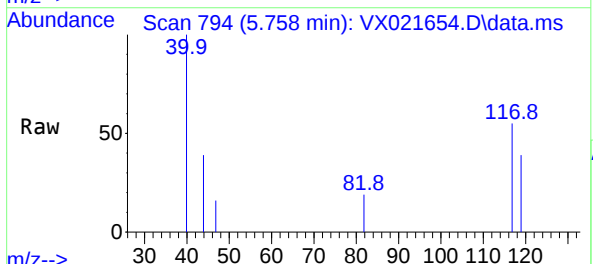
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	19.2	16.7	25.1

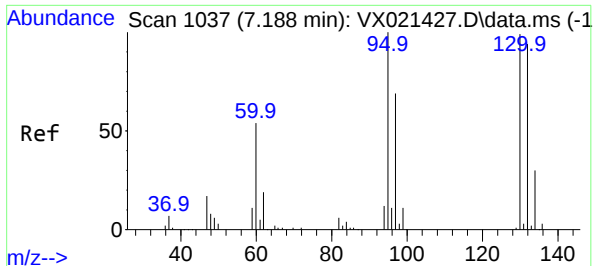


#38
Carbon Tetrachloride
Concen: 0.61 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Tgt Ion:117 Resp: 690

Ion	Ratio	Lower	Upper
117	100		
119	70.4	76.2	114.2#
121	0.0	24.8	37.2#

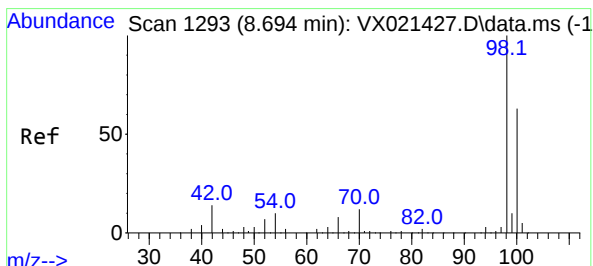
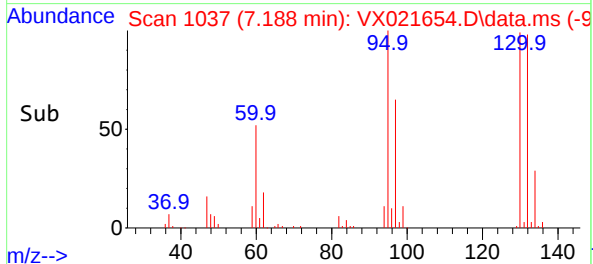
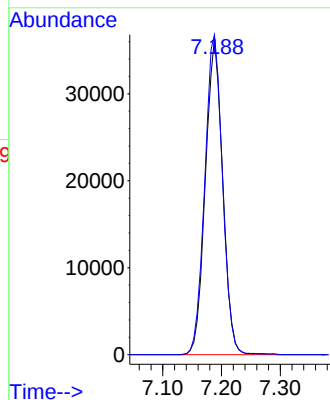
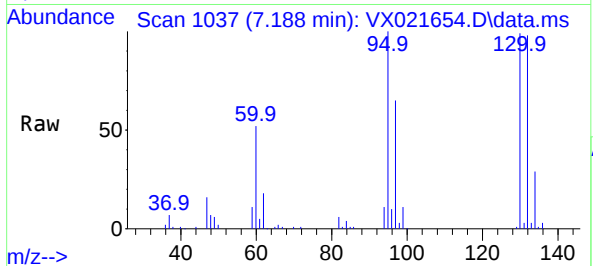




#44
Trichloroethene
Concen: 93.98 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

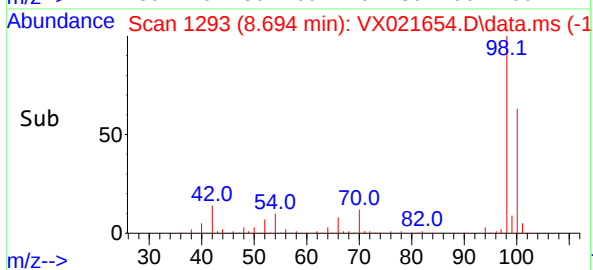
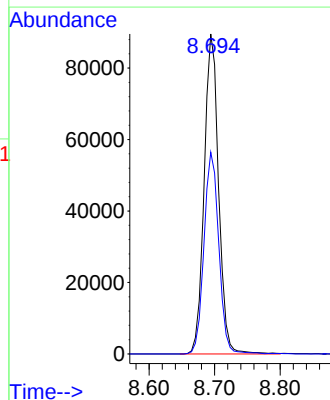
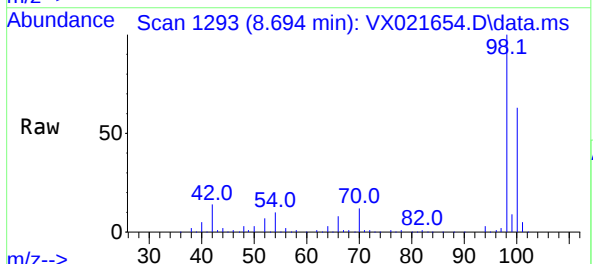
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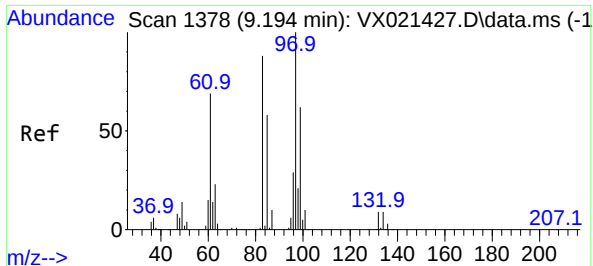
Tgt Ion:130 Resp: 74411
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.0



#50
Toluene-d8
Concen: 50.38 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Tgt Ion: 98 Resp: 137531
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



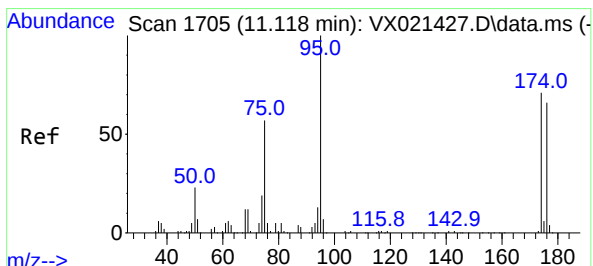
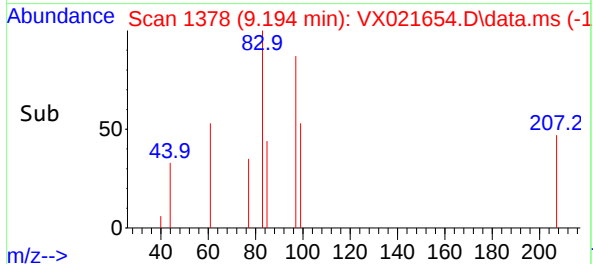
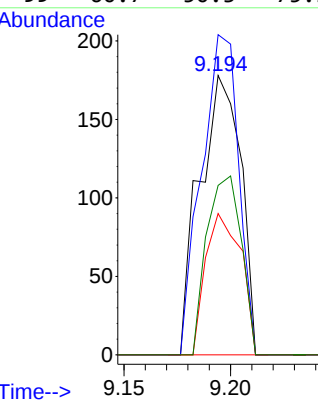
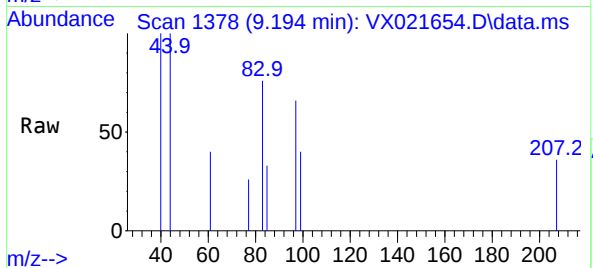


#55
1,1,2-Trichloroethane
Concen: 0.31 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325DL

Tgt Ion: 97 Resp: 239

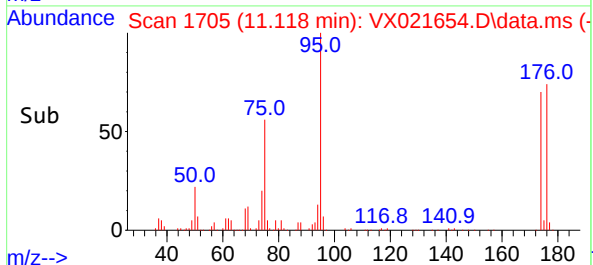
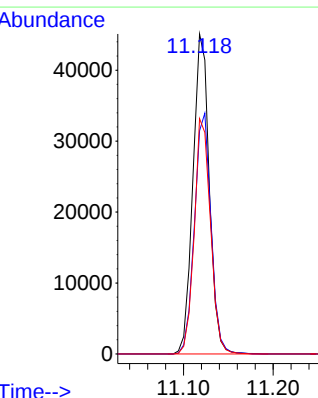
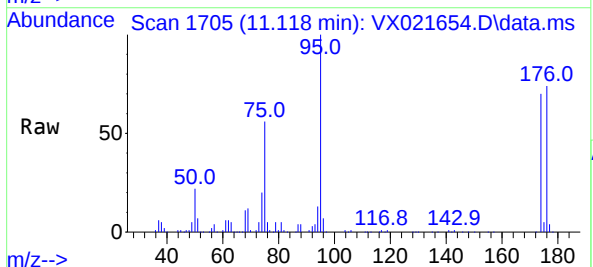
Ion	Ratio	Lower	Upper
97	100		
83	114.6	69.3	103.9#
85	50.6	44.3	66.5
99	60.7	50.3	75.5

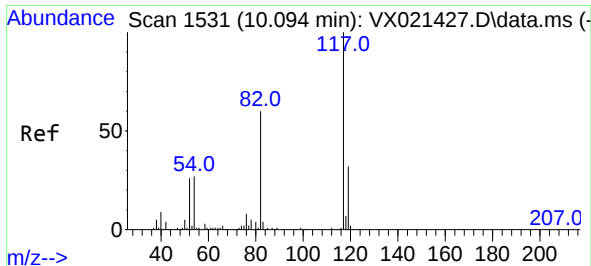


#62
4-Bromofluorobenzene
Concen: 53.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Tgt Ion: 95 Resp: 57056

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	154.6
176	73.1	0.0	155.8

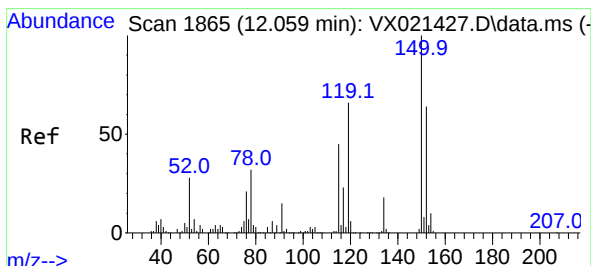
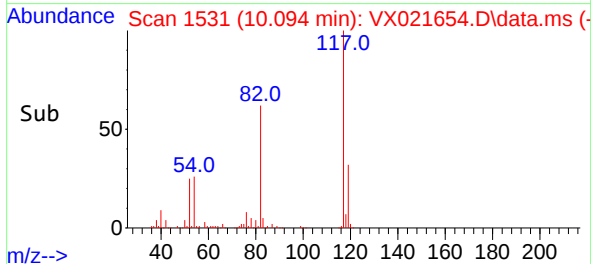
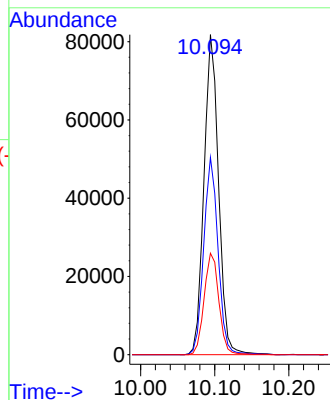
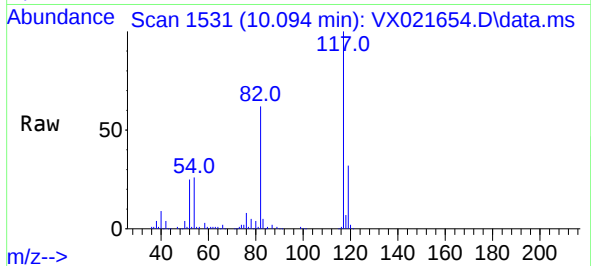




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021654.D
Acq: 31 Mar 2021 01:27

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325DL

Tgt Ion:117 Resp: 111834
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.7 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: VX021654.D
Acq: 31 Mar 2021 01:27

Tgt Ion:152 Resp: 52296
Ion Ratio Lower Upper
152 100
115 62.9 41.1 123.3
150 155.6 0.0 349.0

