

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021655.D
 Acq On : 31 Mar 2021 01:51
 Operator : JC/MD
 Sample : M1843-17DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20210325DL

Manual Integrations
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Quant Time: Mar 31 06:12:07 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	59042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	108615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52419	53.36	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.72%	
35) Dibromofluoromethane	5.464	113	39946	51.78	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.56%	
50) Toluene-d8	8.694	98	141676	51.53	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.06%	
62) 4-Bromofluorobenzene	11.118	95	57090	53.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.82%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	250	0.39	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.364	101	2529	4.16	ug/l	97
12) 1,1-Dichloroethene	2.358	96	618	1.04	ug/l	90
27) cis-1,2-Dichloroethene	4.576	96	422m	0.56	ug/l	
30) Chloroform	5.170	83	778	0.58	ug/l #	77
38) Carbon Tetrachloride	5.747	117	497	0.43	ug/l #	66
44) Trichloroethene	7.188	130	52169	65.42	ug/l	95

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

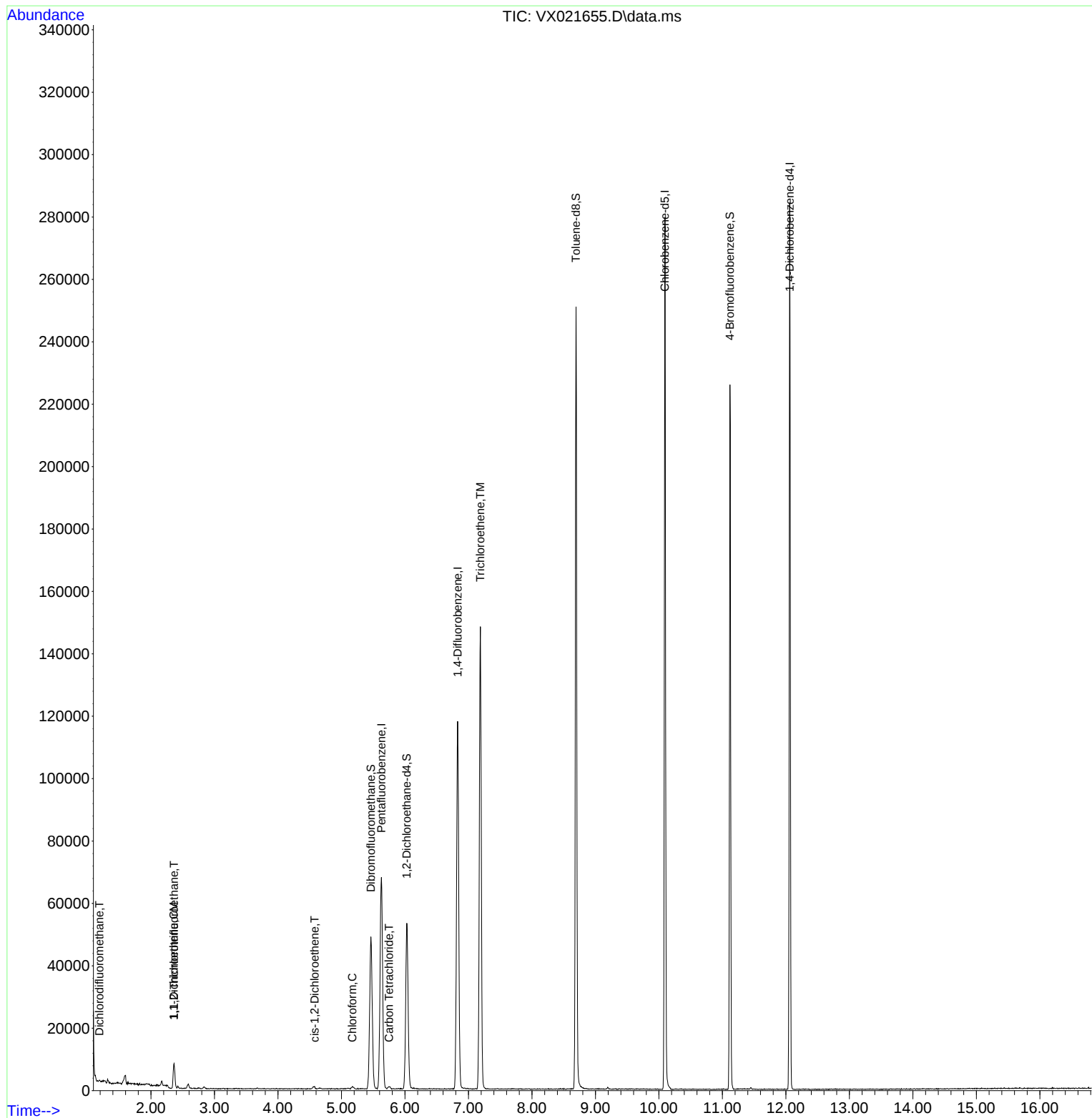
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Data File : VX021655.D
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Operator : JC/MD
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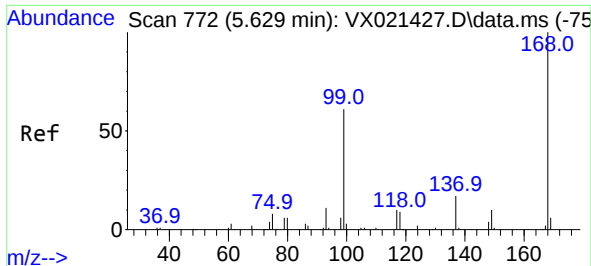
Instrument :
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ClientSampleId :
DUP08-20210325DL

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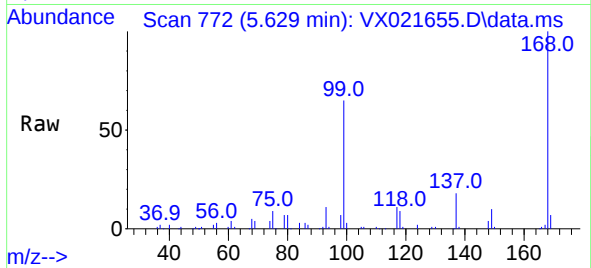
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Quant Time: Mar 31 06:12:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

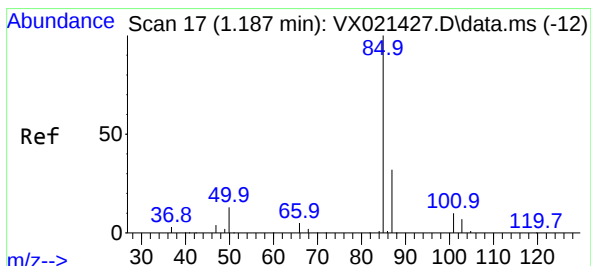
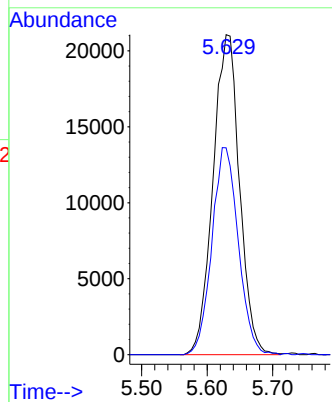
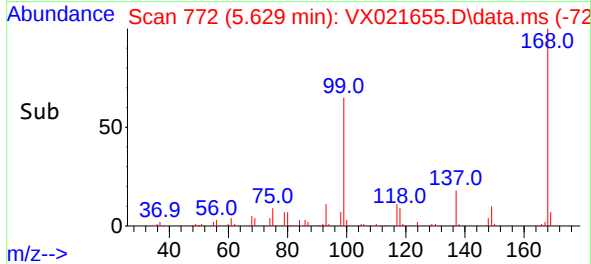




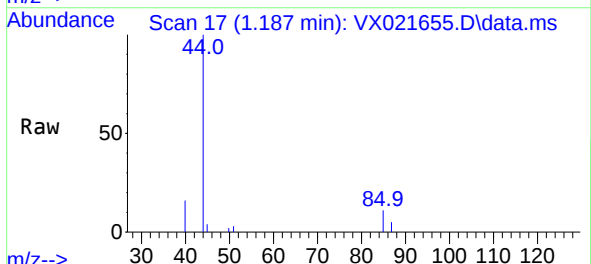
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021655.D
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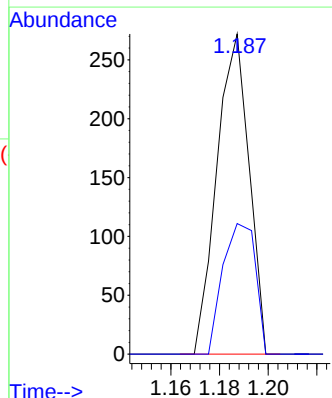
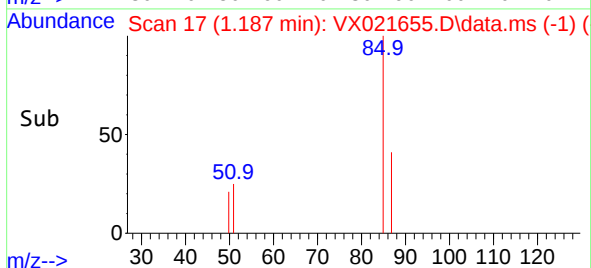
Tgt Ion:168 Resp: 59042
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.39 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51



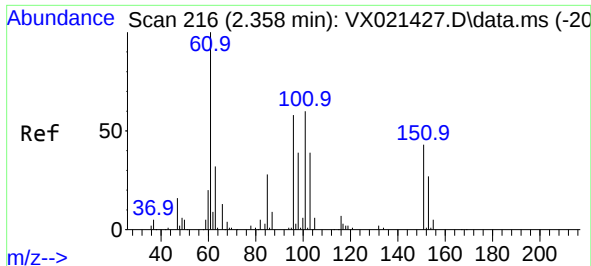
Tgt Ion: 85 Resp: 250
Ion Ratio Lower Upper
85 100
87 40.8 16.4 49.2



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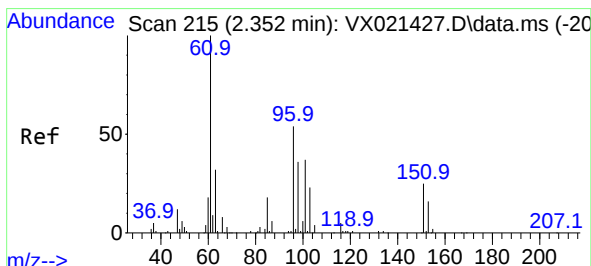
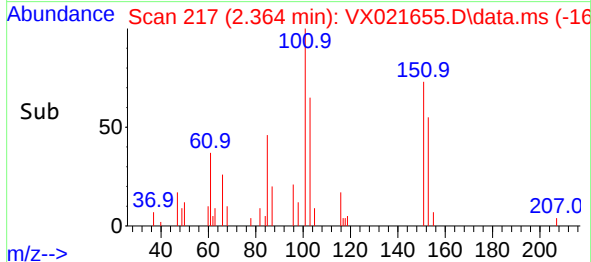
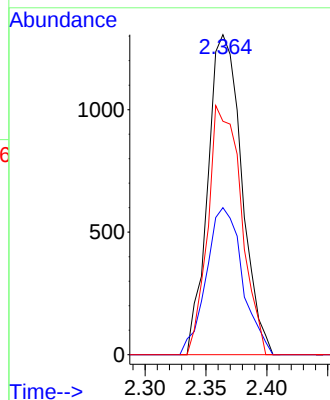
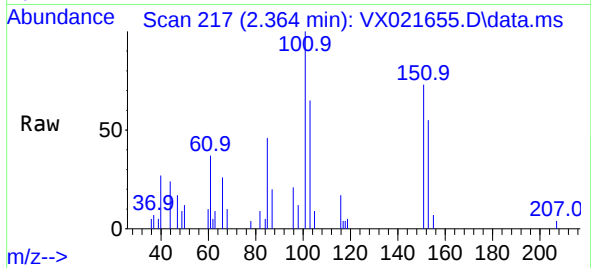
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.16 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021655.D
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Tgt Ion: 101 Resp: 2529
Ion Ratio Lower Upper
101 100
85 49.0 34.9 52.3
151 76.5 61.4 92.2

Instrument :
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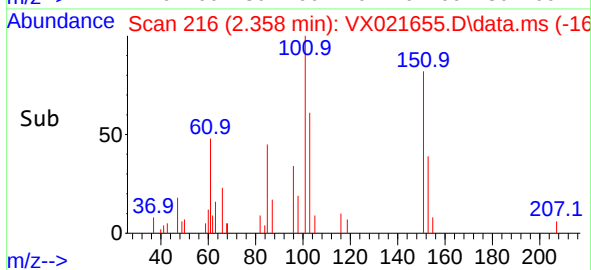
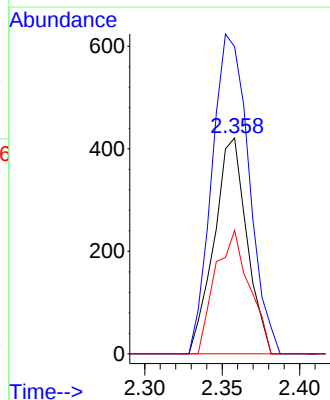
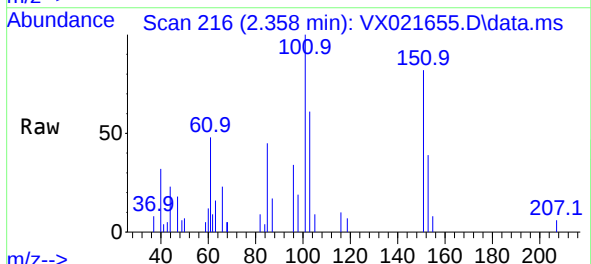
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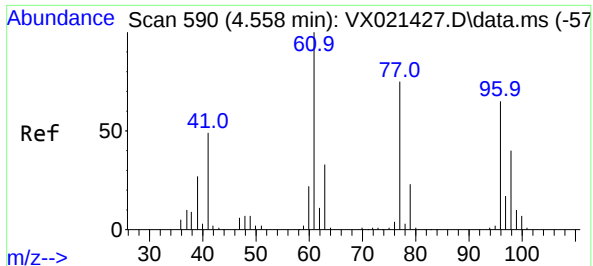
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#12
1,1-Dichloroethene
Concen: 1.04 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 96 Resp: 618
Ion Ratio Lower Upper
96 100
61 142.3 124.6 187.0
98 57.2 50.6 76.0





#27

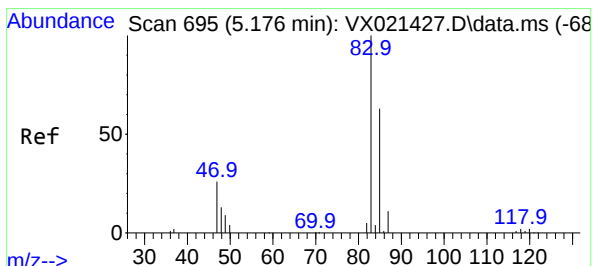
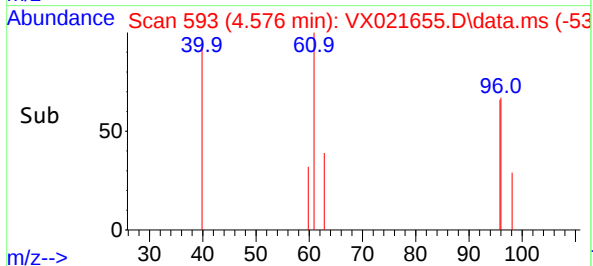
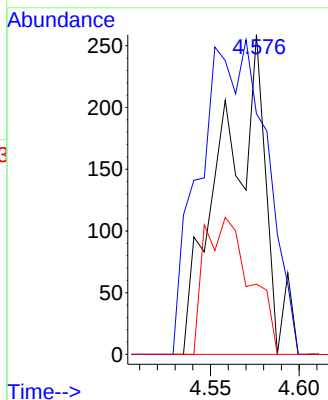
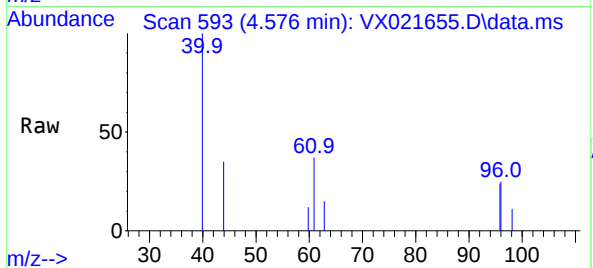
cis-1,2-Dichloroethene
Concen: 0.56 ug/l m
RT: 4.576 min Scan# 593
Delta R.T. 0.018 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 96 Resp: 422
Ion Ratio Lower Upper
96 100
61 157.3 0.0 285.6
98 47.2 0.0 129.6

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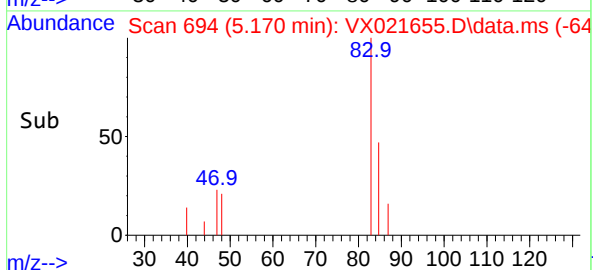
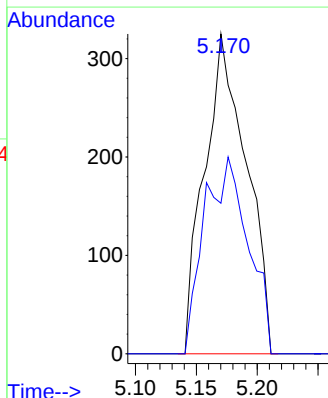
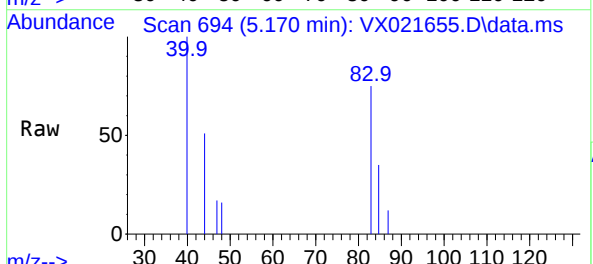
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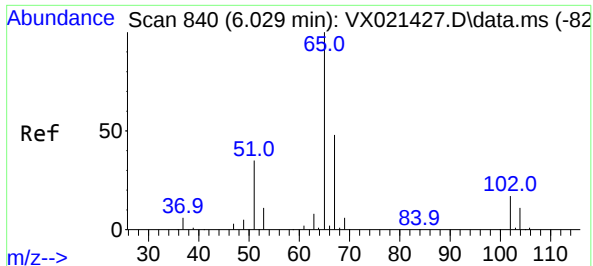


#30

Chloroform
Concen: 0.58 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 83 Resp: 778
Ion Ratio Lower Upper
83 100
85 47.1 52.0 78.0#





#33

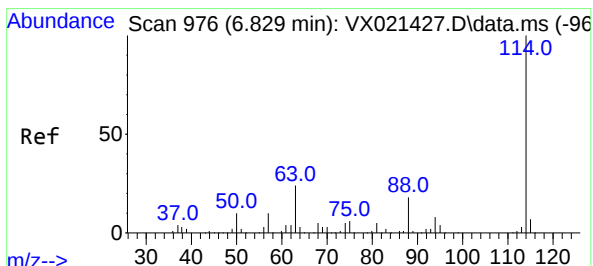
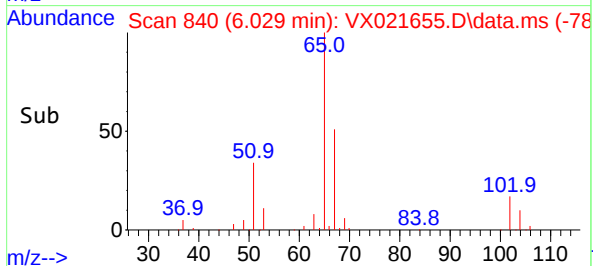
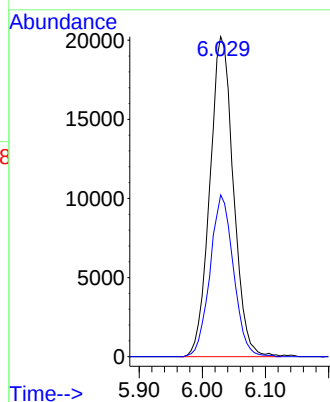
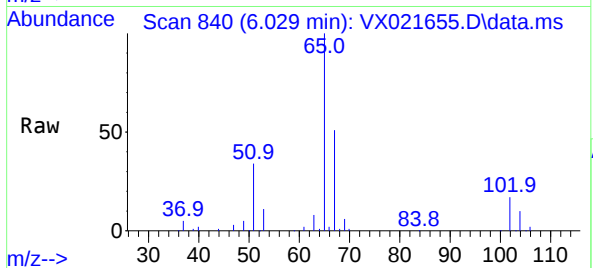
1,2-Dichloroethane-d4
Concen: 53.36 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021655.D
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Tgt Ion: 65 Resp: 52419
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

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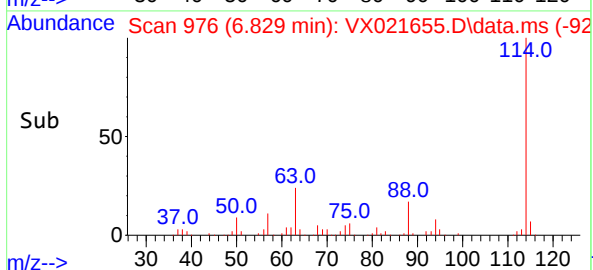
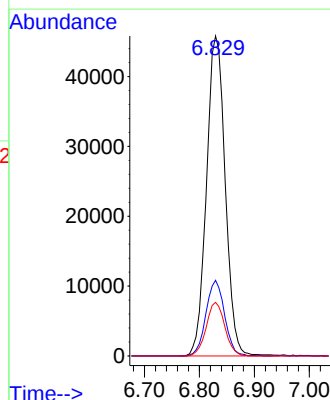
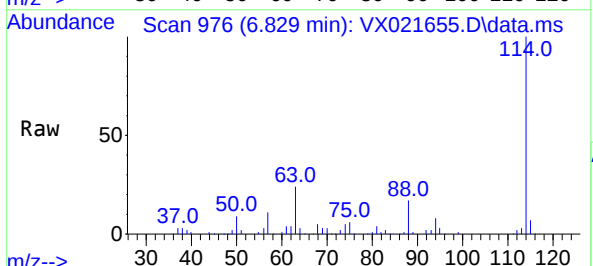
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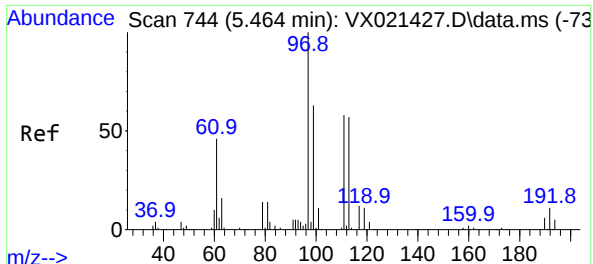


#34

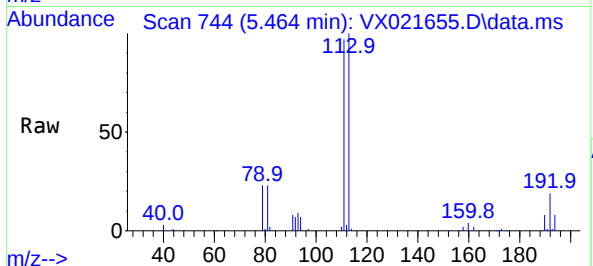
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 114 Resp: 108615
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 16.8 0.0 32.8

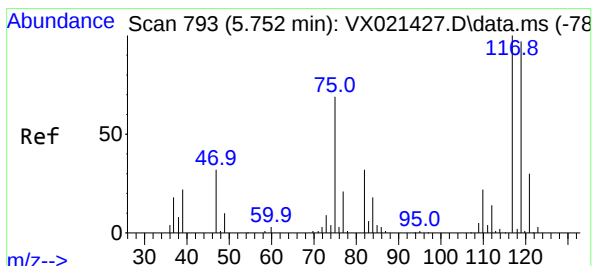
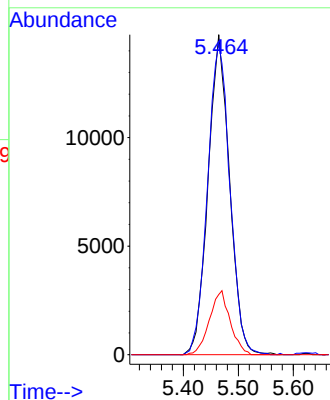
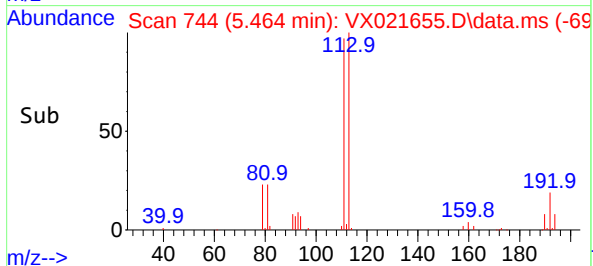




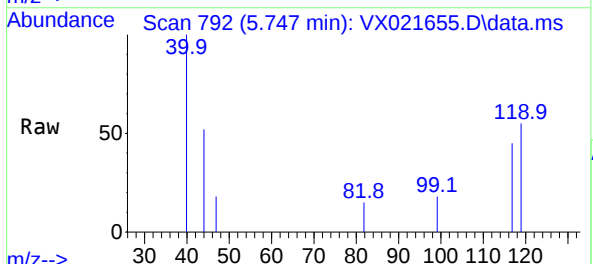
#35
Dibromofluoromethane
Concen: 51.78 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021655.D
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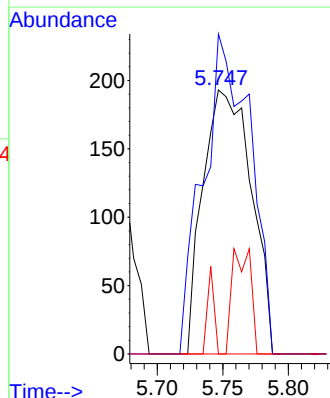
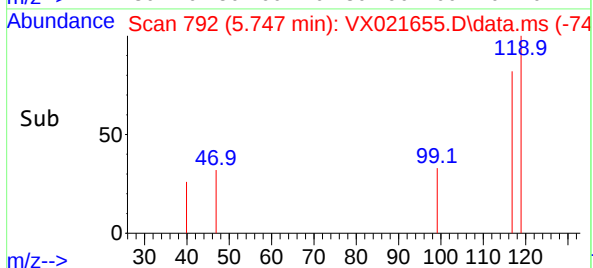
Tgt Ion:113 Resp: 39946
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.3 16.7 25.1



#38
Carbon Tetrachloride
Concen: 0.43 ug/l
RT: 5.747 min Scan# 792
Delta R.T. -0.005 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51



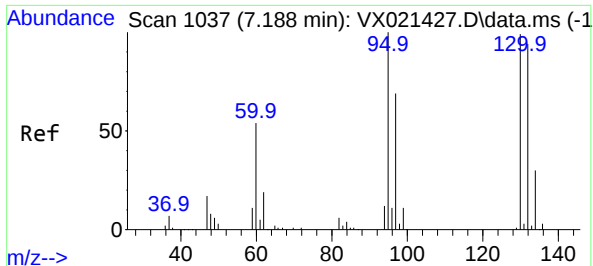
Tgt Ion:117 Resp: 497
Ion Ratio Lower Upper
117 100
119 121.2 76.2 114.2#
121 0.0 24.8 37.2#



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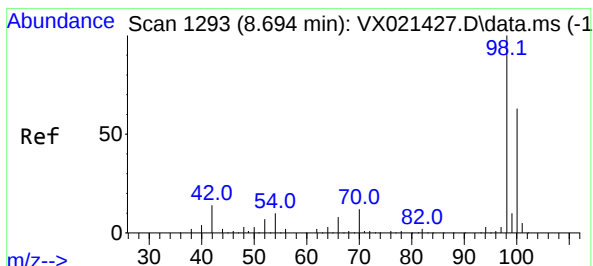
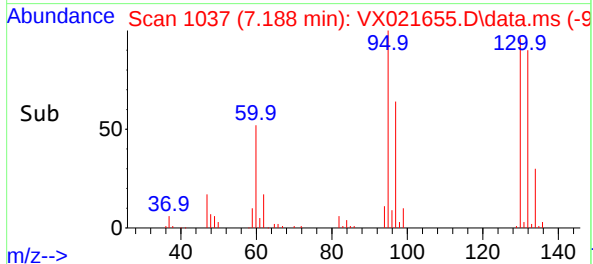
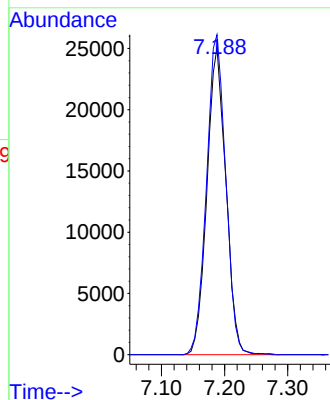
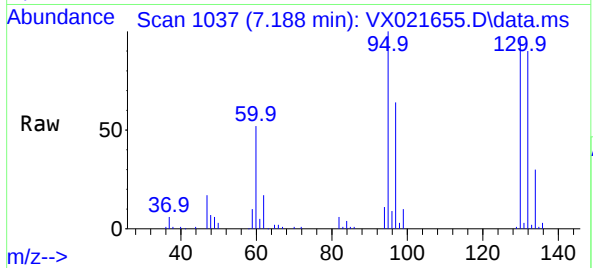
#44
Trichloroethene
Concen: 65.42 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion:130 Resp: 52169
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.0

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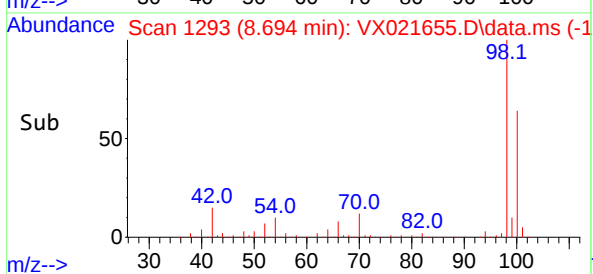
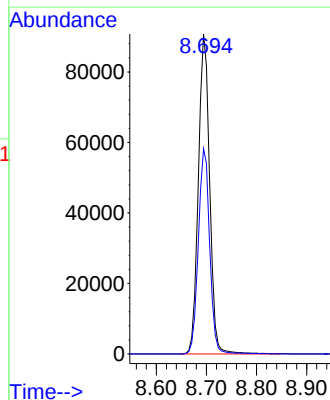
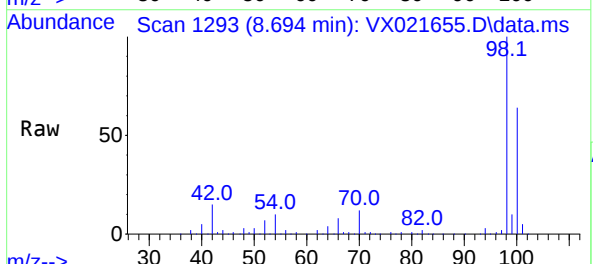
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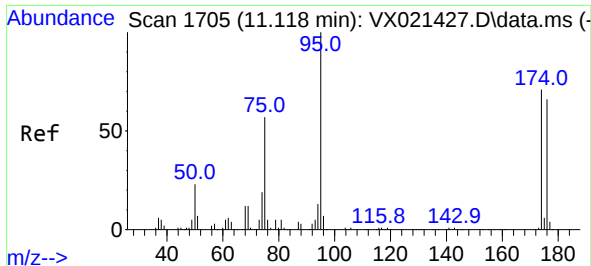
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#50
Toluene-d8
Concen: 51.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 98 Resp: 141676
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9





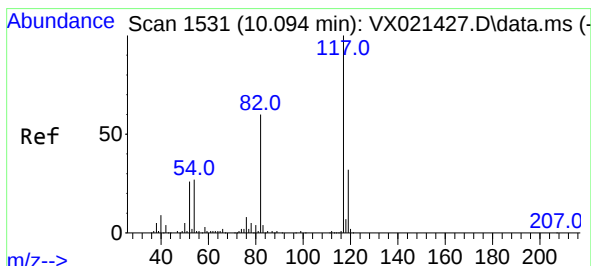
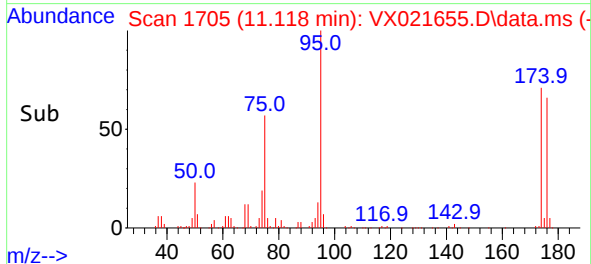
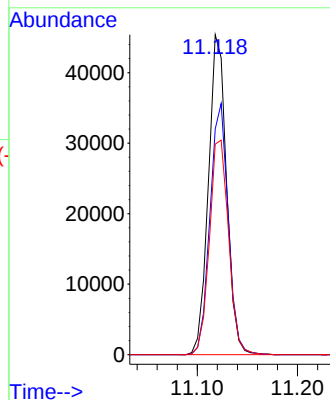
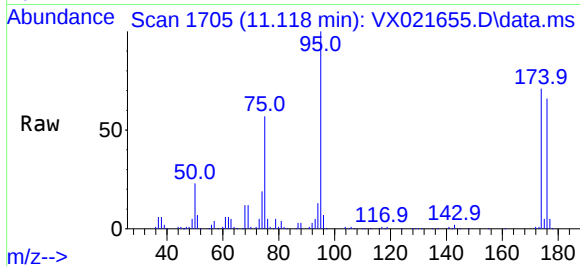
#62
4-Bromofluorobenzene
Concen: 53.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

Tgt Ion: 95 Resp: 57090
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 71.0 0.0 155.8

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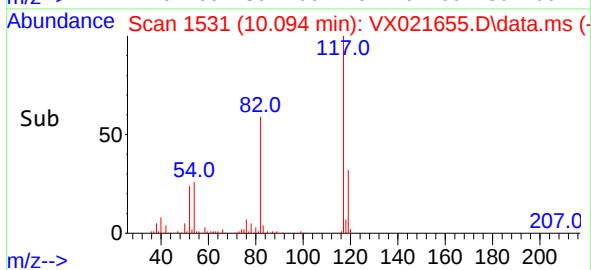
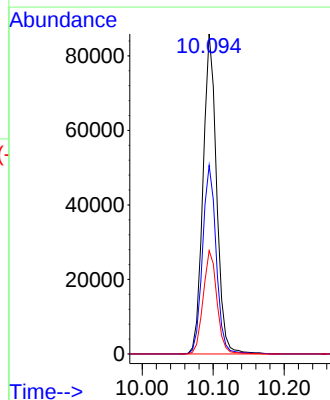
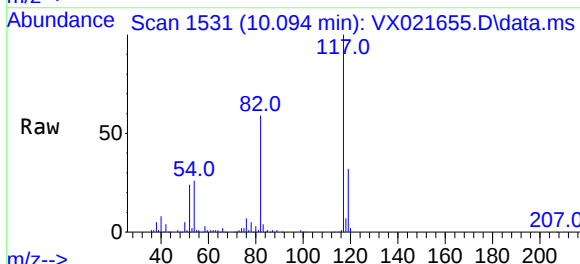
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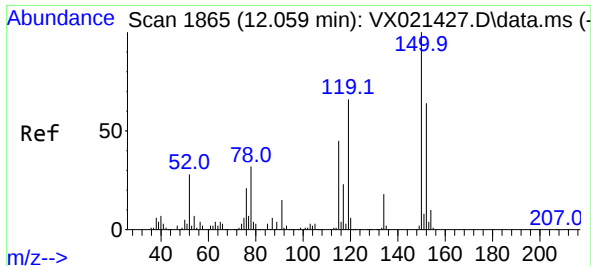
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021655.D
Acq: 31 Mar 2021 01:51

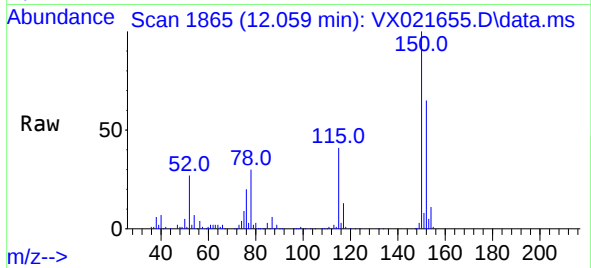
Tgt Ion: 117 Resp: 114332
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021655.D
 Acq: 31 Mar 2021 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20210325DL



Tgt Ion:152 Resp: 53320
 Ion Ratio Lower Upper
 152 100
 115 60.9 41.1 123.3
 150 151.0 0.0 349.0

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 12:56:11 PM

