

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021663.D
 Acq On : 31 Mar 2021 04:58
 Operator : JC/MD
 Sample : M1842-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20210323

Quant Time: Mar 31 06:14:02 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)

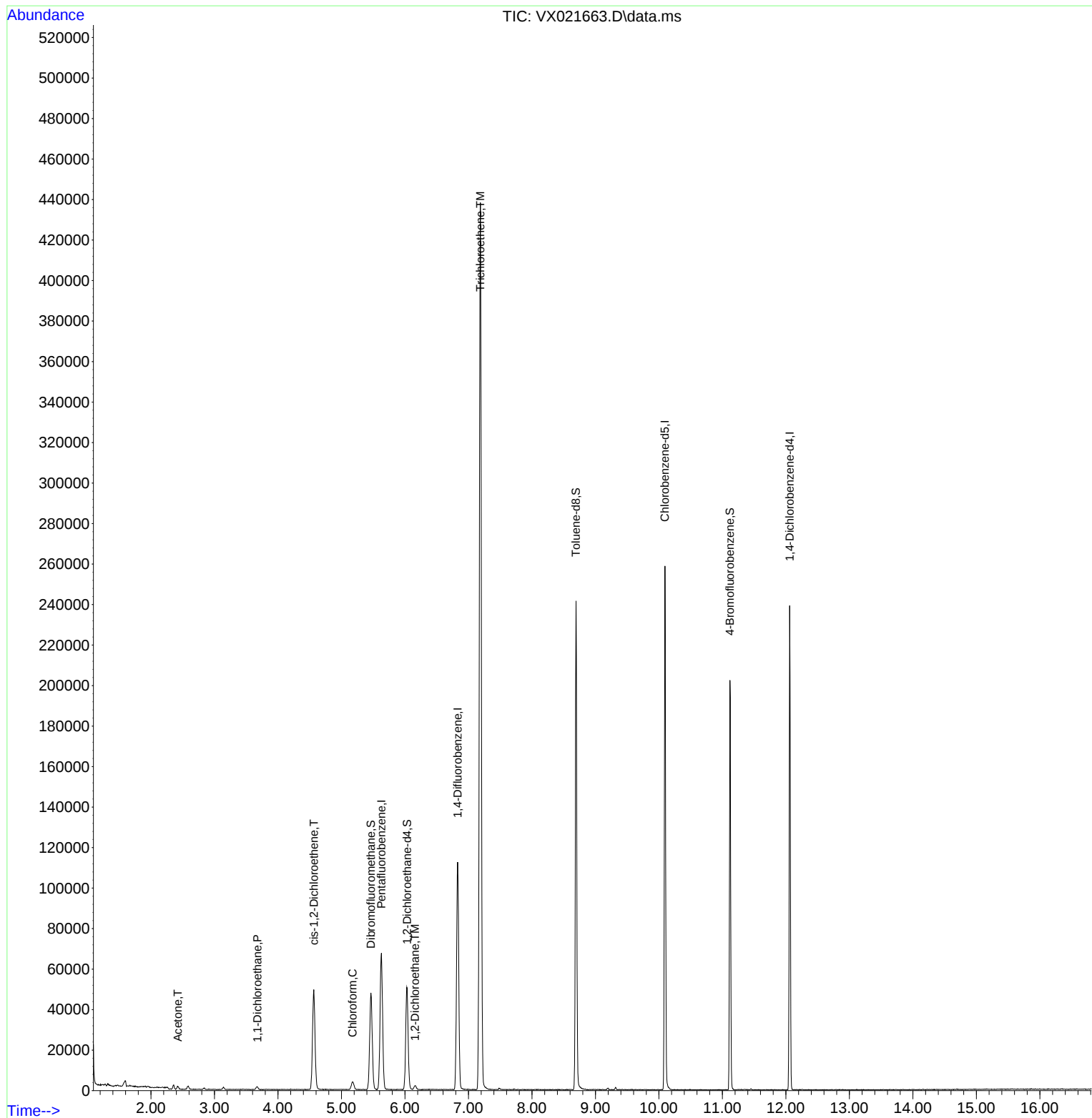
Internal Standards						
1) Pentafluorobenzene	5.629	168	58042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	104387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50133	51.91	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.82%	
35) Dibromofluoromethane	5.464	113	38705	52.20	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.40%	
50) Toluene-d8	8.694	98	134746	51.00	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.00%	
62) 4-Bromofluorobenzene	11.118	95	51919	50.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.08%	
Target Compounds						
						Qvalue
16) Acetone	2.423	43	1541	4.22	ug/l #	77
24) 1,1-Dichloroethane	3.676	63	1719	1.38	ug/l #	87
27) cis-1,2-Dichloroethene	4.564	96	29588	39.66	ug/l	96
30) Chloroform	5.176	83	4364	3.32	ug/l	92
42) 1,2-Dichloroethane	6.158	62	2145	1.70	ug/l	85
44) Trichloroethene	7.188	130	157899	206.01	ug/l	93

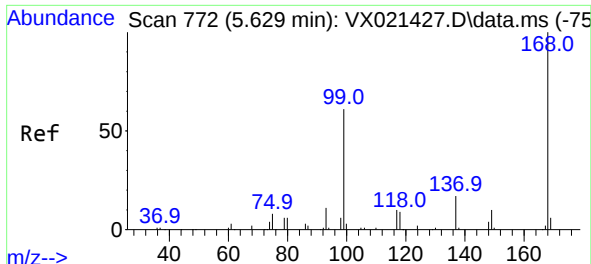
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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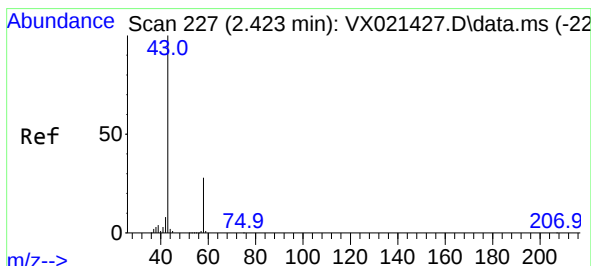
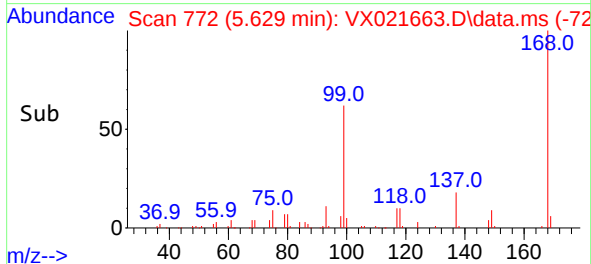
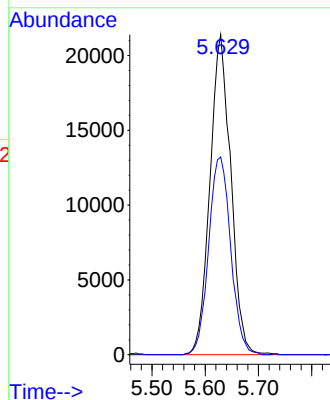
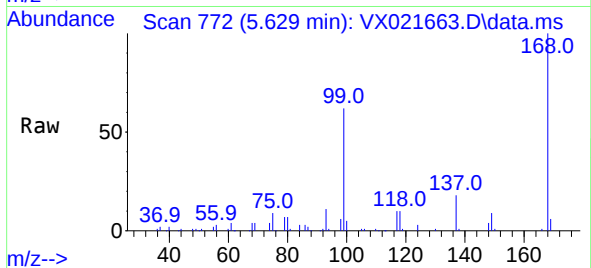




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

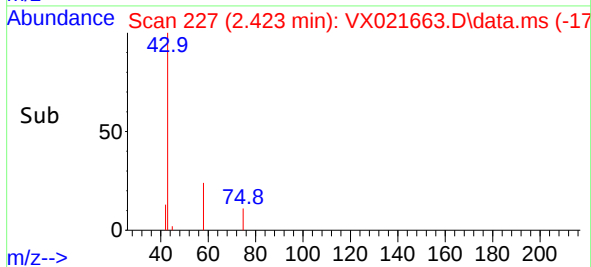
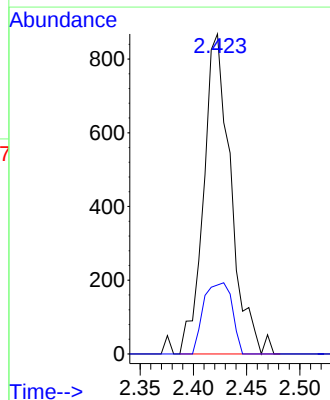
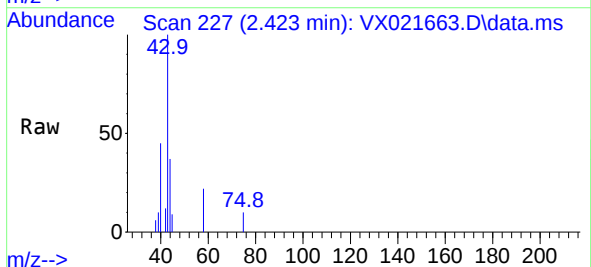
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

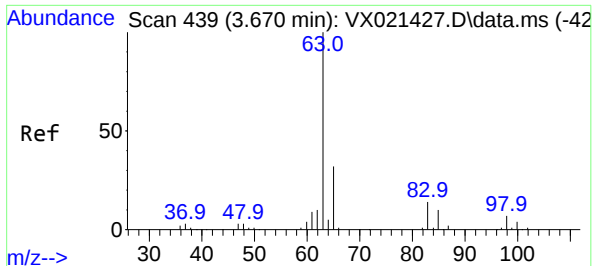
Tgt Ion:168 Resp: 58042
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#16
Acetone
Concen: 4.22 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 21.5 27.8 41.8#

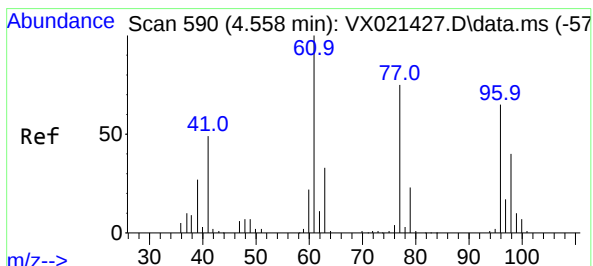
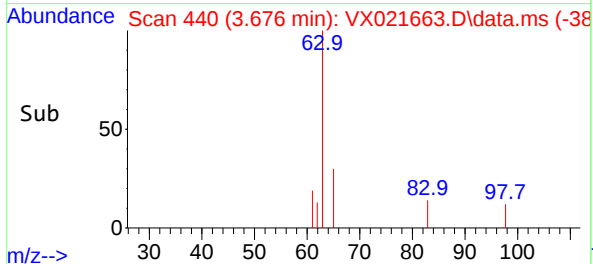
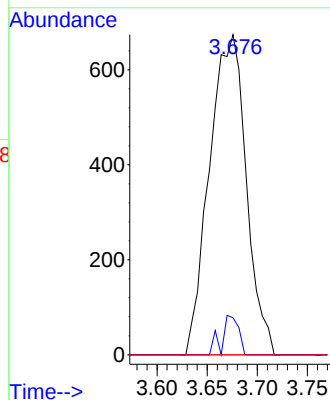
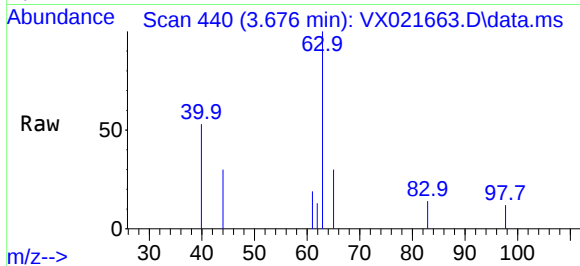




#24
1,1-Dichloroethane
Concen: 1.38 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

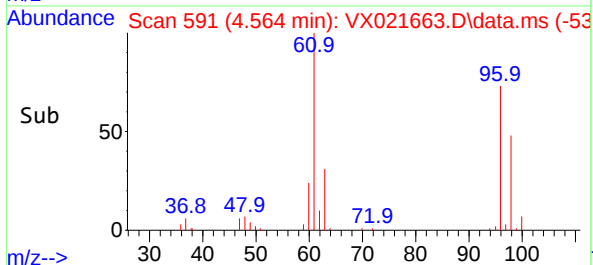
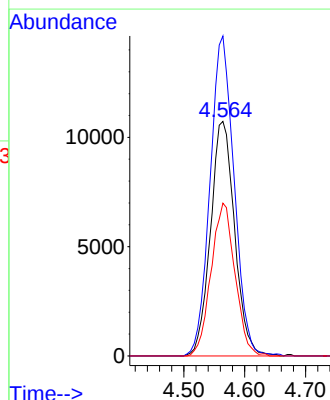
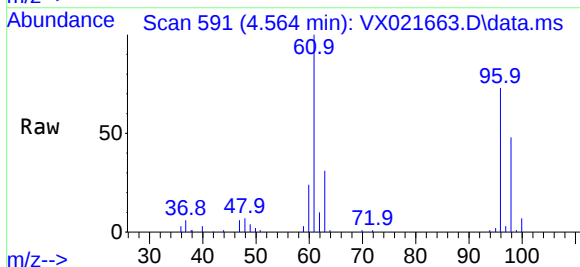
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20210323

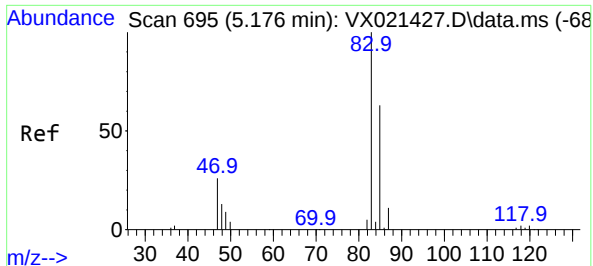
Tgt Ion: 63 Resp: 1719
Ion Ratio Lower Upper
63 100
98 11.6 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 39.66 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 96 Resp: 29588
Ion Ratio Lower Upper
96 100
61 135.9 0.0 285.6
98 64.5 0.0 129.6





#30

Chloroform

Concen: 3.32 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021663.D

Acq: 31 Mar 2021 04:58

Instrument :

MSVOA_X

ClientSampleId :

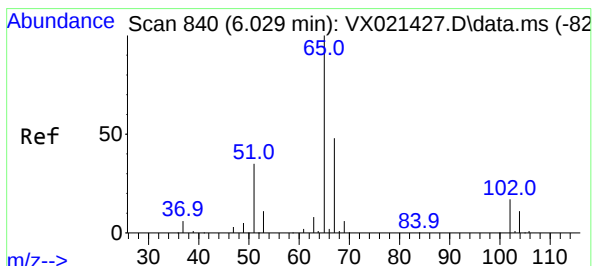
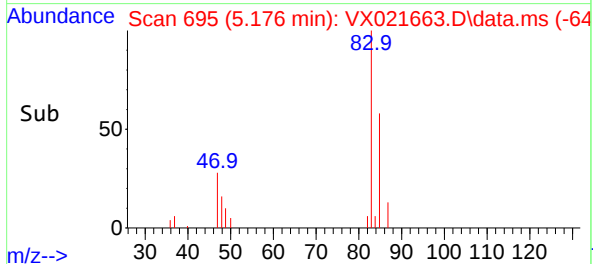
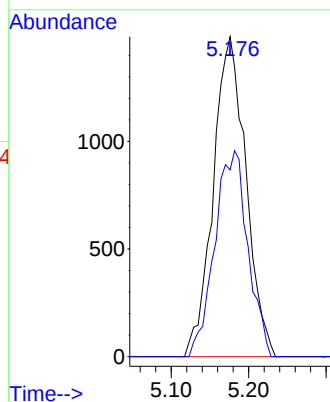
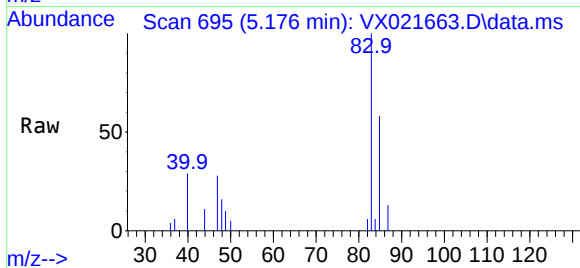
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Tgt Ion: 83 Resp: 4364

Ion Ratio Lower Upper

83 100

85 58.4 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 51.91 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021663.D

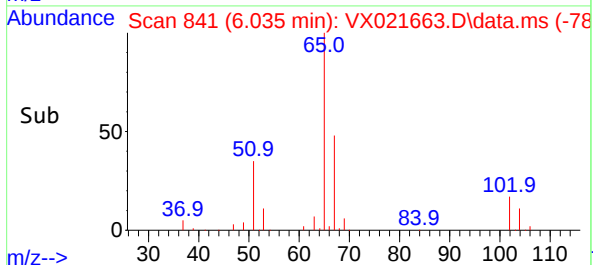
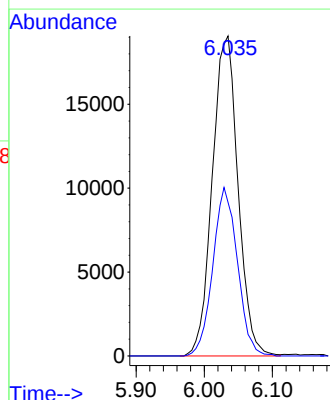
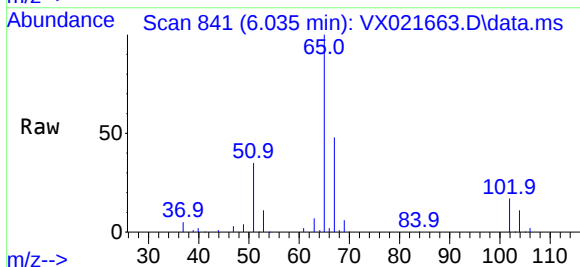
Acq: 31 Mar 2021 04:58

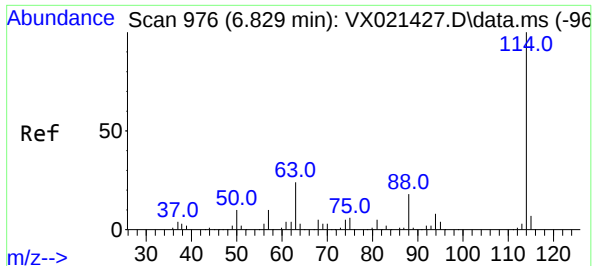
Tgt Ion: 65 Resp: 50133

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.4

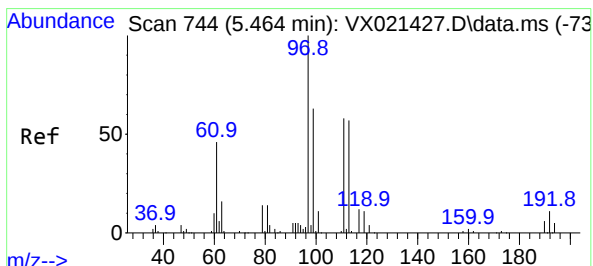
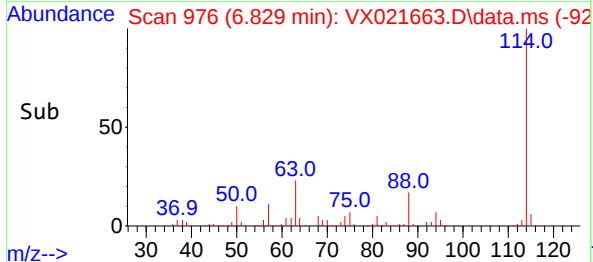
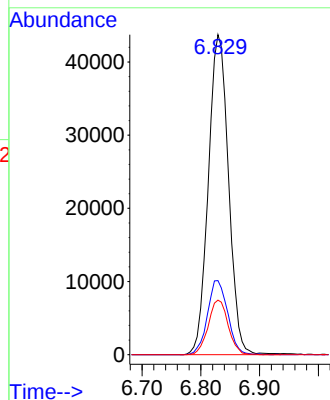
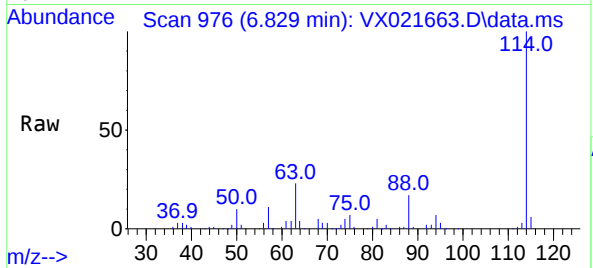




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

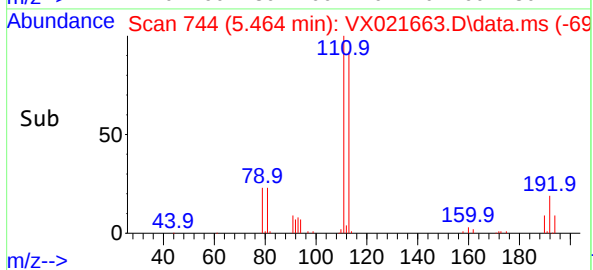
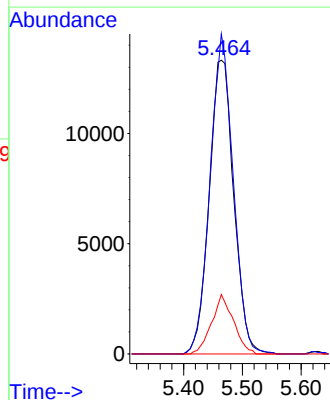
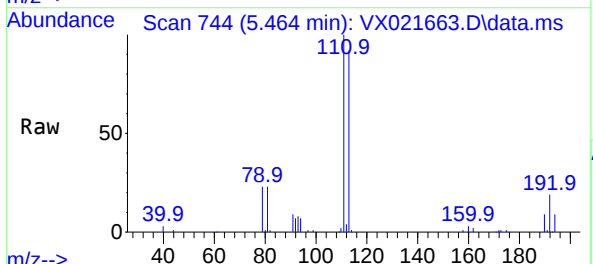
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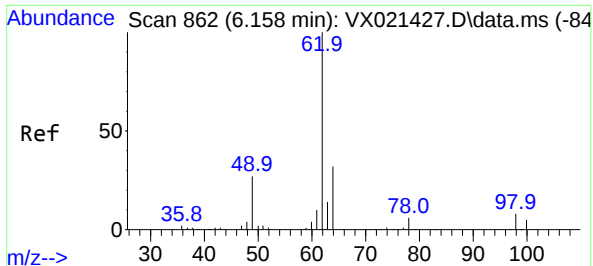
Tgt Ion:114 Resp: 104387
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.20 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion:113 Resp: 38705
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 17.9 16.7 25.1

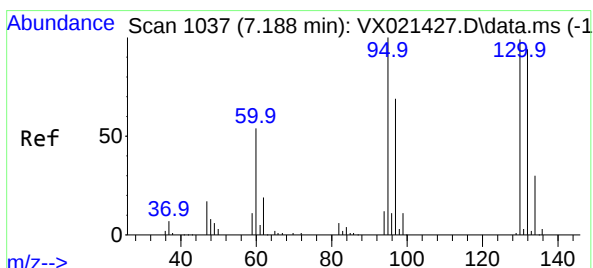
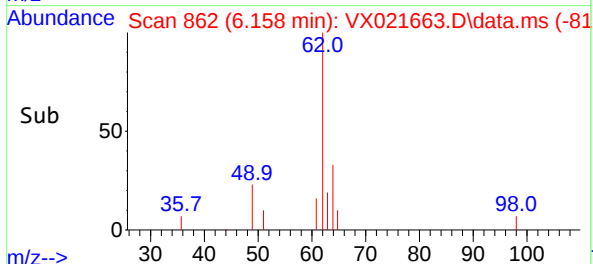
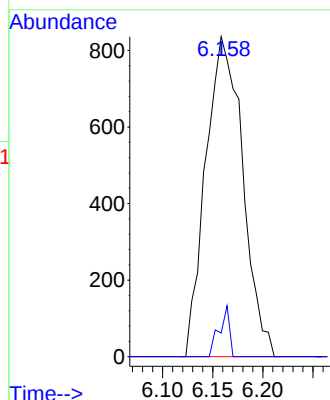
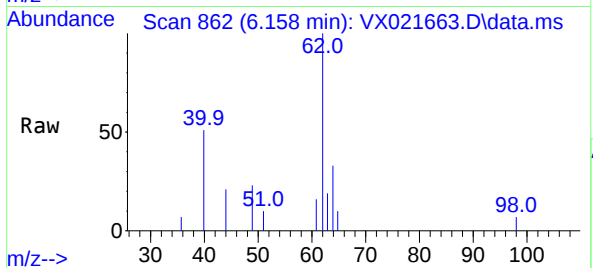




#42
1,2-Dichloroethane
Concen: 1.70 ug/l
RT: 6.158 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

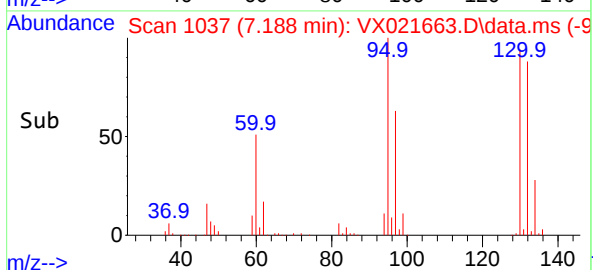
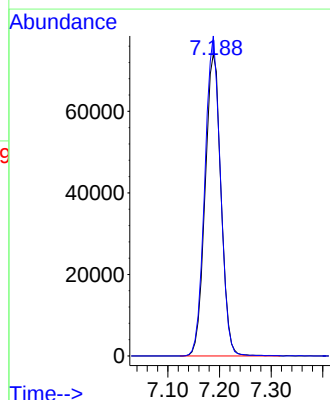
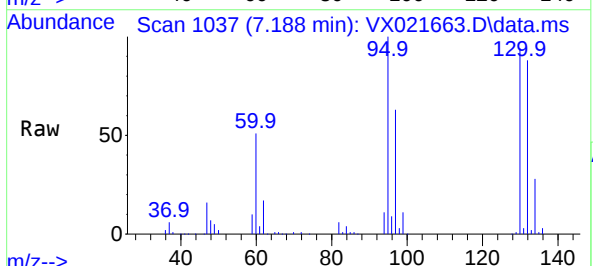
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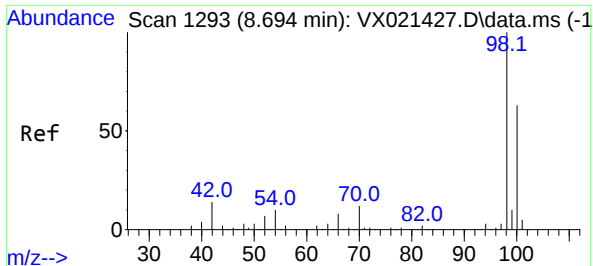
Tgt Ion: 62 Resp: 2145
Ion Ratio Lower Upper
62 100
98 4.4 0.0 20.2



#44
Trichloroethene
Concen: 206.01 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion:130 Resp: 157899
Ion Ratio Lower Upper
130 100
95 106.0 0.0 198.0

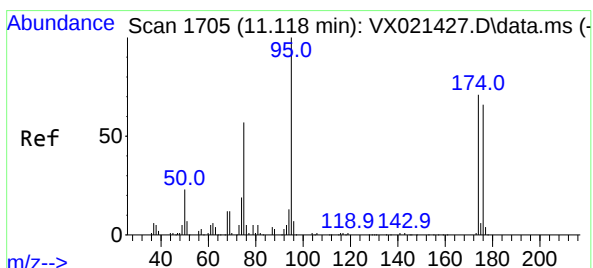
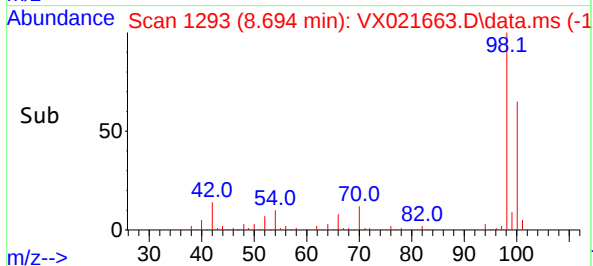
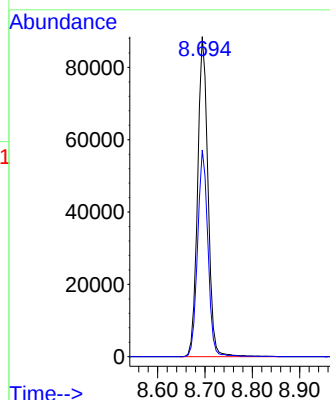
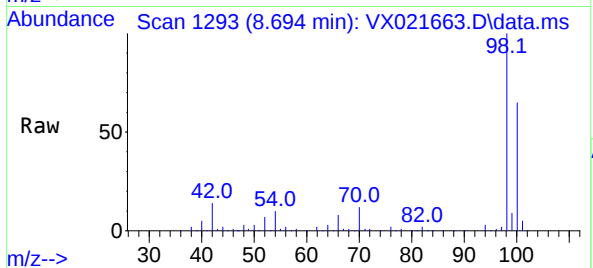




#50
Toluene-d8
Concen: 51.00 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

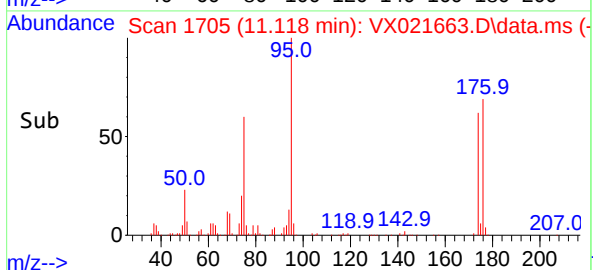
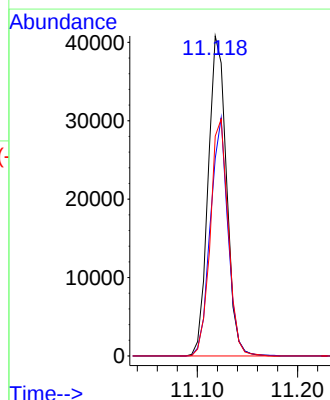
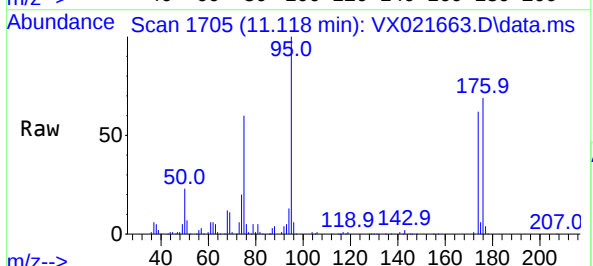
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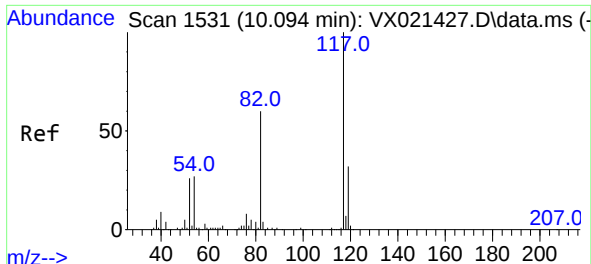
Tgt Ion: 98 Resp: 134746
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion: 95 Resp: 51919
Ion Ratio Lower Upper
95 100
174 71.3 0.0 154.6
176 72.3 0.0 155.8

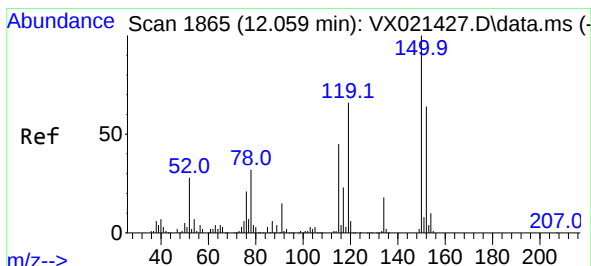
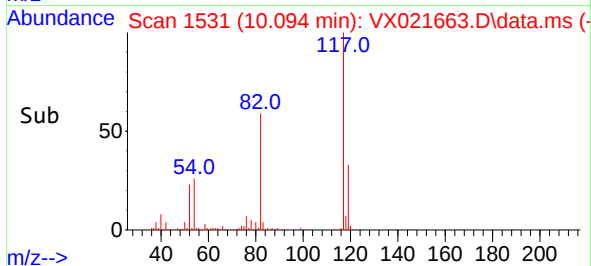
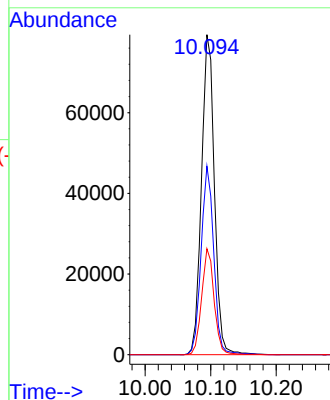
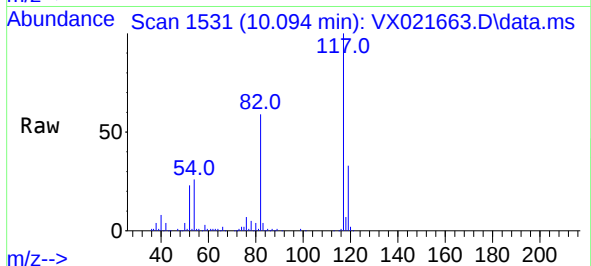




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021663.D
Acq: 31 Mar 2021 04:58

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Tgt Ion:	117	Resp:	109009
Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.4	71.2
119	33.1	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: VX021663.D
Acq: 31 Mar 2021 04:58

Tgt Ion:	152	Resp:	45593
Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.1	123.3
150	153.2	0.0	349.0

