

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022850.D
 Acq On : 15 Oct 2021 20:41
 Operator : SY/MD
 Sample : M4223-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:30:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

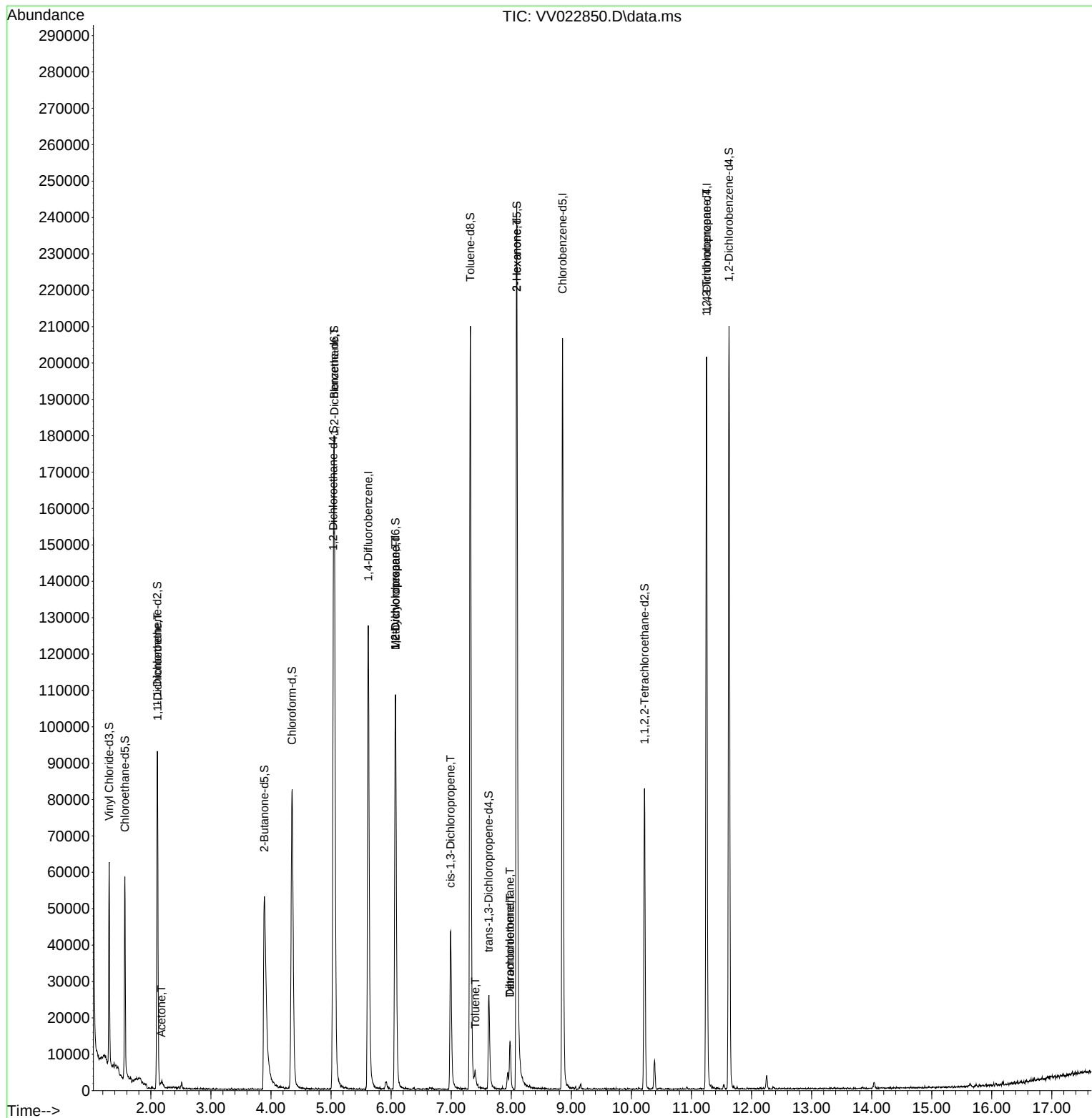
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34951	4.478	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.568	69	33336	4.753	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.108	63	47486	3.101	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.000%	
20) 2-Butanone-d5	3.889	46	104661	51.138	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.280%	
24) Chloroform-d	4.352	84	87853	5.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.200%	
26) 1,2-Dichloroethane-d4	5.037	65	41007	5.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.053	84	166137	4.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.072	67	53826	5.178	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.320	98	140222	4.621	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15462	4.484	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.091	63	81968	58.982	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	117.960%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	38905	5.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56957	5.633	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	443	0.065	ug/L #	1
13) Acetone	2.175	43	2308	2.022	ug/L	99
27) 1,2-Dichloroethane	5.056	62	916	0.118	ug/L #	69
35) Methylcyclohexane	6.072	83	13120	1.084	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5786	0.758	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1013	0.100	ug/L #	73
42) Toluene	7.403	91	3454	0.107	ug/L	95
47) Tetrachloroethene	7.982	164	3273	0.469	ug/L	94
48) 2-Hexanone	8.091	43	10937	3.645	ug/L #	69
49) Dibromochloromethane	7.979	129	2849	0.429	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6035	1.593	ug/L #	63

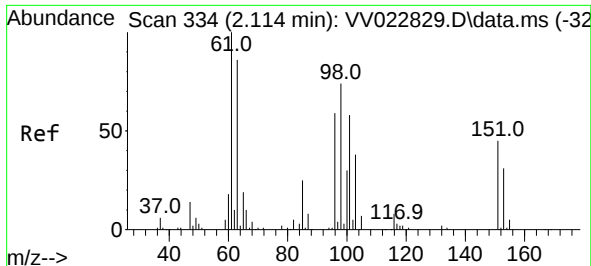
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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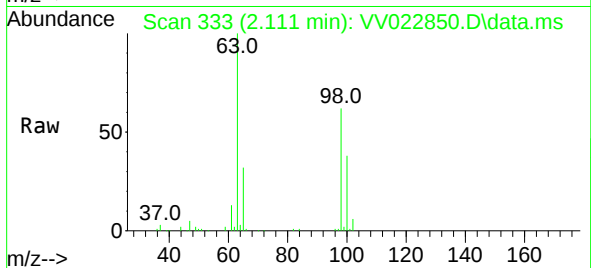
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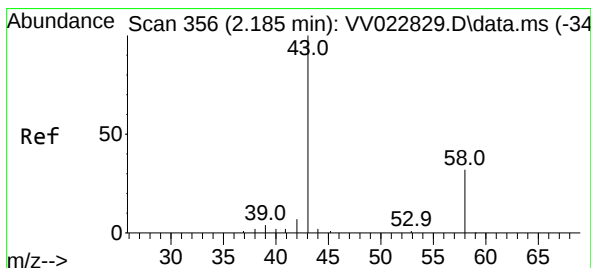
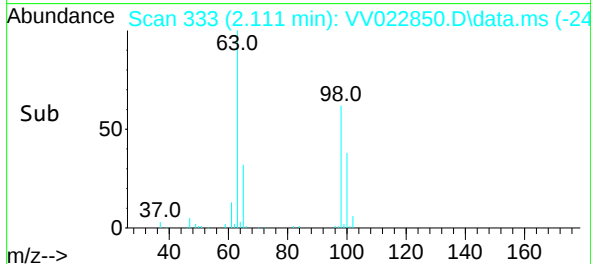
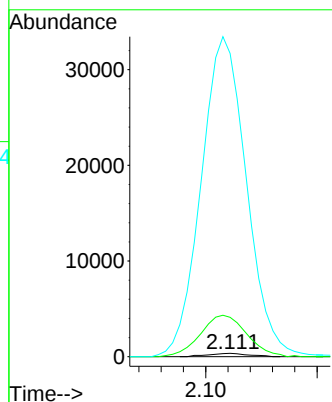


#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022850.D
Acq: 15 Oct 2021 20:41

Instrument :
MSVOA_V
ClientSampled :

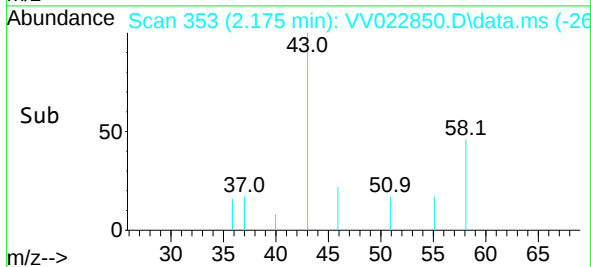
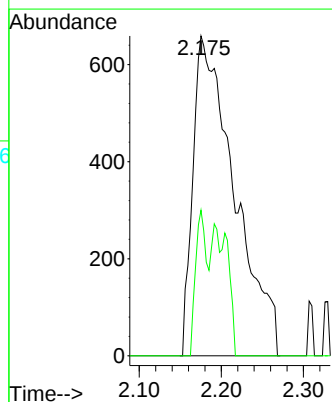
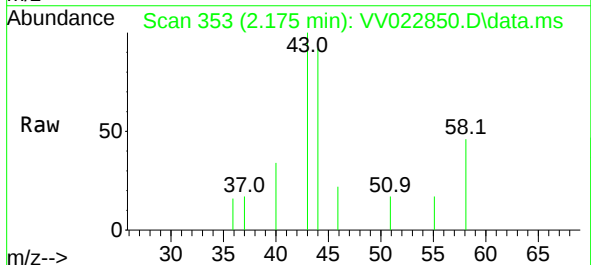


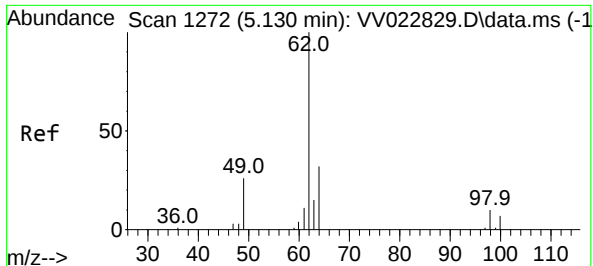
Tgt Ion: 96 Resp: 443
Ion Ratio Lower Upper
96 100
61 1166.8 127.3 236.5#
63 9002.3 106.2 197.2#



#13
Acetone
Concen: 2.022 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.010 min
Lab File: VV022850.D
Acq: 15 Oct 2021 20:41

Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
58 12.5 0.0 24.2





#27

1,2-Dichloroethane

Concen: 0.118 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.074 min

Lab File: VV022850.D

Acq: 15 Oct 2021 20:41

Tgt Ion: 62 Resp: 916

Ion Ratio Lower Upper

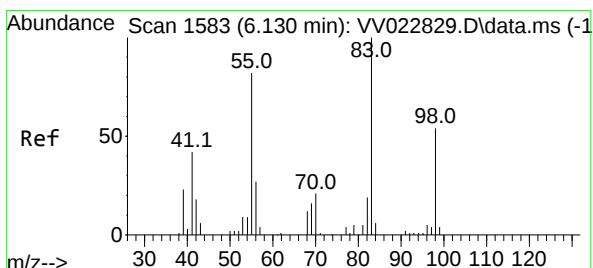
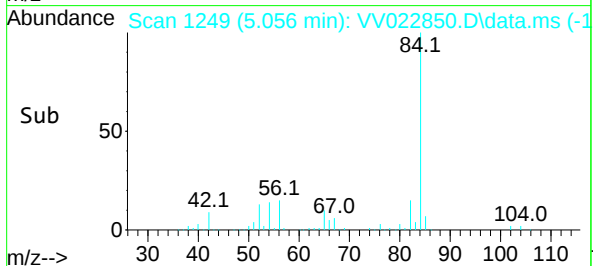
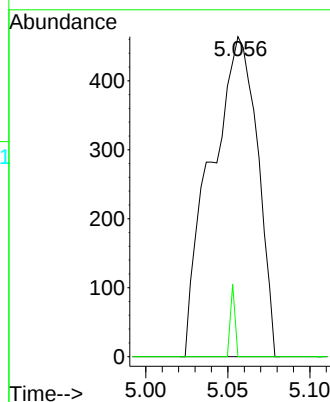
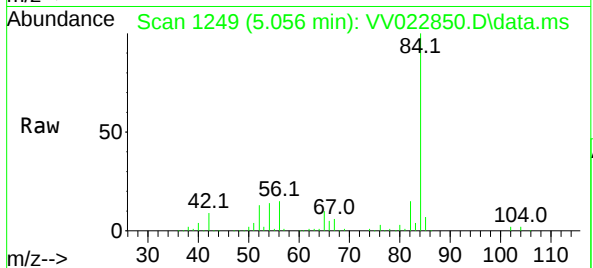
62 100

98 0.0 9.7 14.5#

Instrument :

MSVOA_V

ClientSampled :



#35

Methylcyclohexane

Concen: 1.084 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022850.D

Acq: 15 Oct 2021 20:41

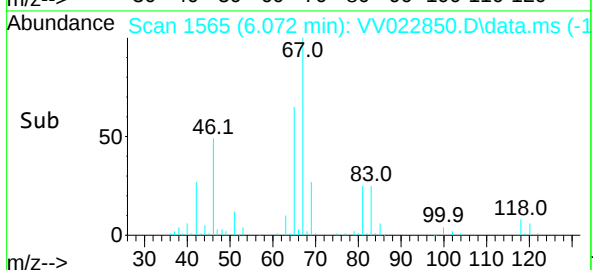
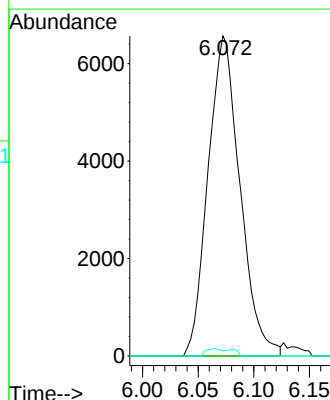
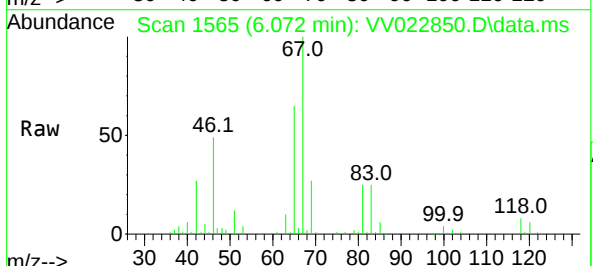
Tgt Ion: 83 Resp: 13120

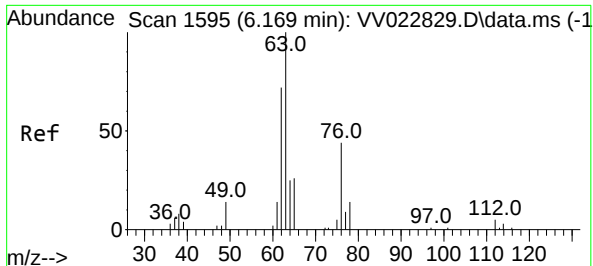
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 1.1 42.1 63.1#





#37

1,2-Dichloropropane

Concen: 0.758 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.097 min

Lab File: VV022850.D

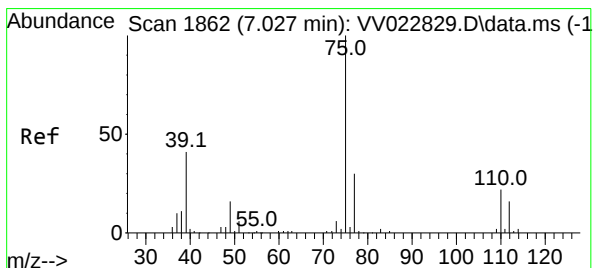
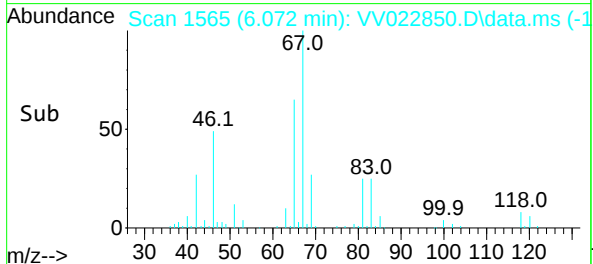
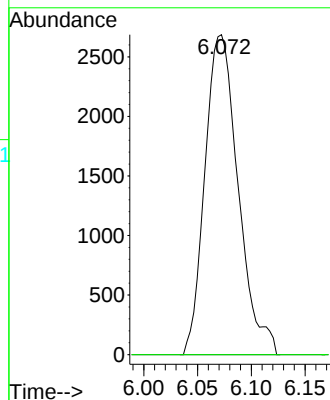
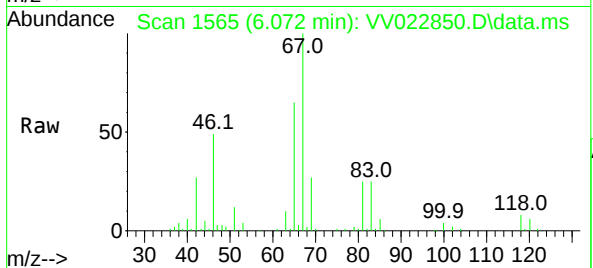
Acq: 15 Oct 2021 20:41

Tgt Ion: 63 Resp: 5786

Ion Ratio Lower Upper

63 100

112 0.7 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV022850.D

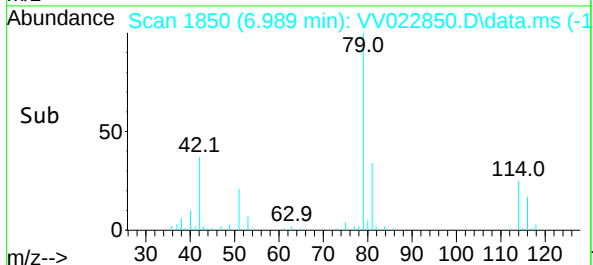
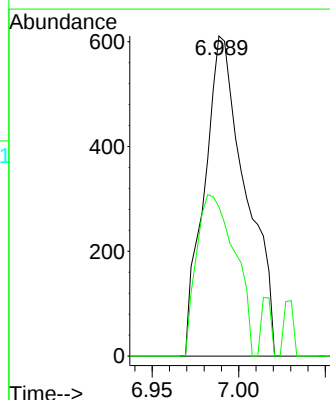
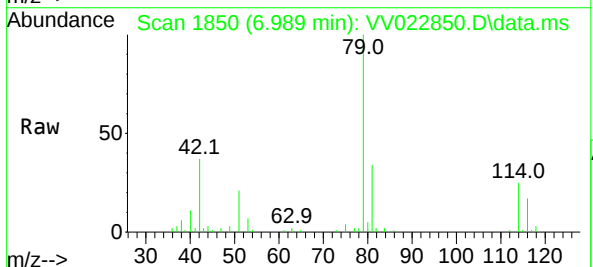
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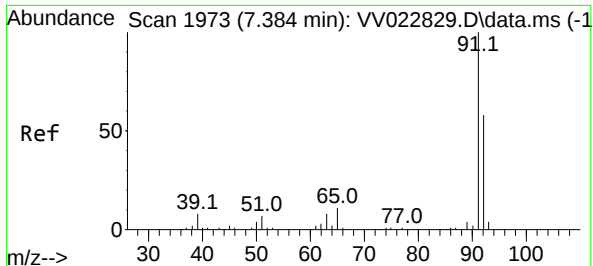
Tgt Ion: 75 Resp: 1013

Ion Ratio Lower Upper

75 100

77 46.6 22.3 41.3#

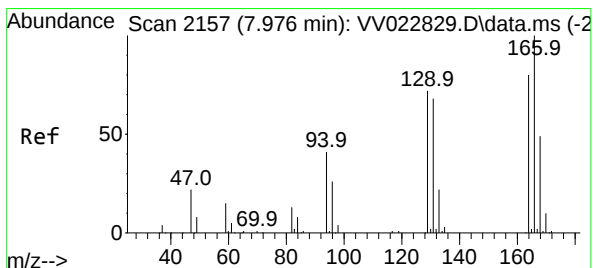
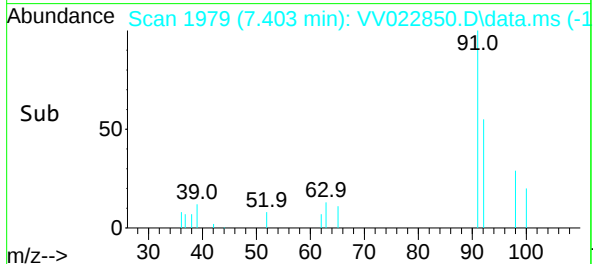
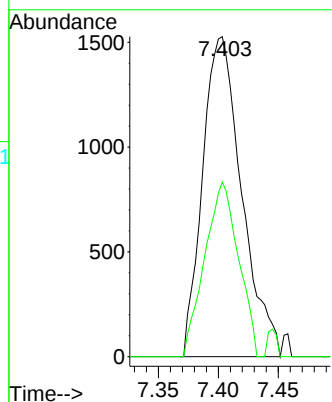
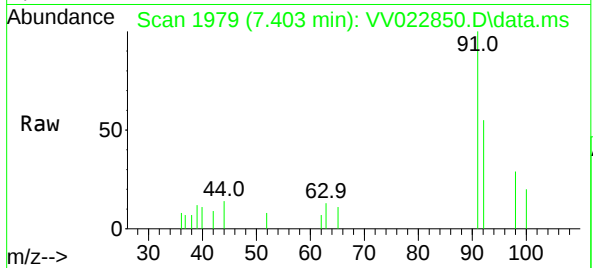




#42
Toluene
Concen: 0.107 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.019 min
Lab File: VV022850.D
Acq: 15 Oct 2021 20:41

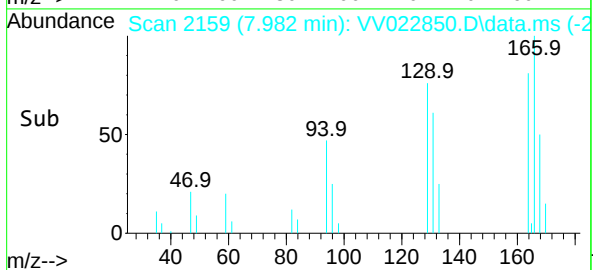
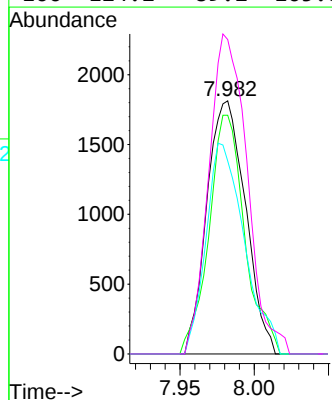
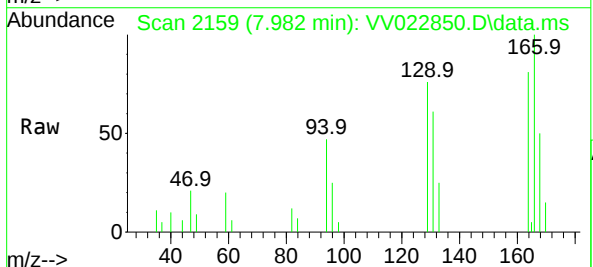
Instrument :
MSVOA_V
ClientSampled :

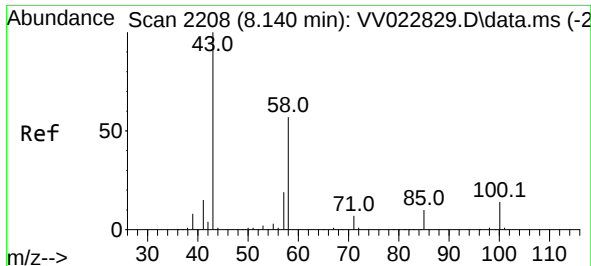
Tgt Ion: 91 Resp: 3454
Ion Ratio Lower Upper
91 100
92 54.6 40.7 75.7



#47
Tetrachloroethene
Concen: 0.469 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV022850.D
Acq: 15 Oct 2021 20:41

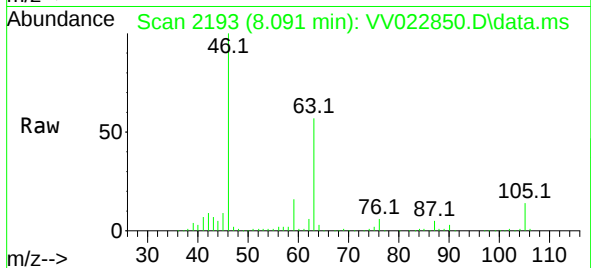
Tgt Ion: 164 Resp: 3273
Ion Ratio Lower Upper
164 100
129 94.3 65.0 120.6
131 76.2 62.2 115.4
166 124.2 89.2 165.8



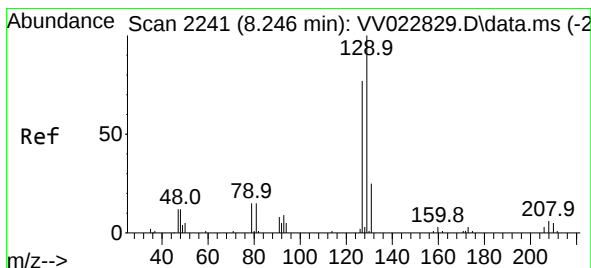
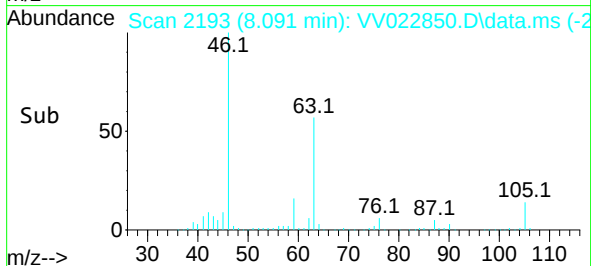
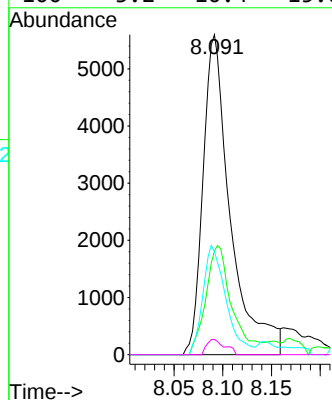


#48
2-Hexanone
Concen: 3.645 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022850.D
Acq: 15 Oct 2021 20:41

Instrument :
MSVOA_V
ClientSampleId :

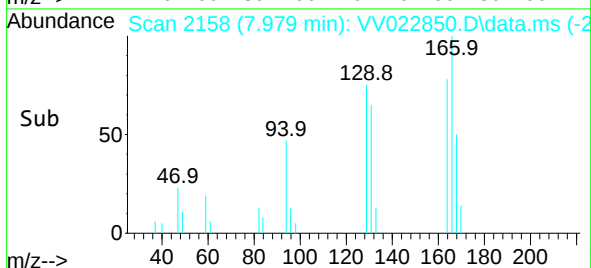
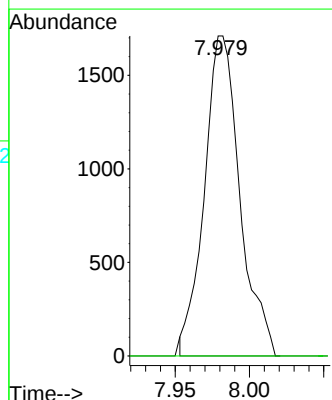
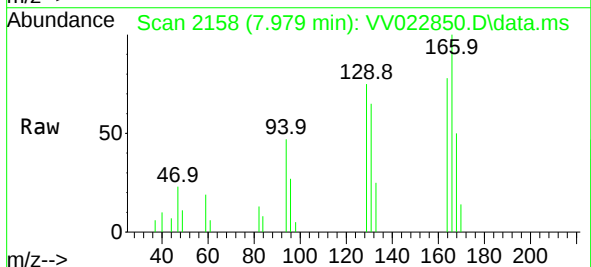


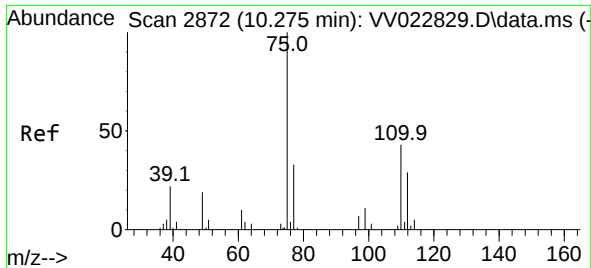
Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	47.4	71.0#
57	28.9	15.3	22.9#
100	3.2	10.4	15.6#



#49
Dibromochloromethane
Concen: 0.429 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022850.D
Acq: 15 Oct 2021 20:41

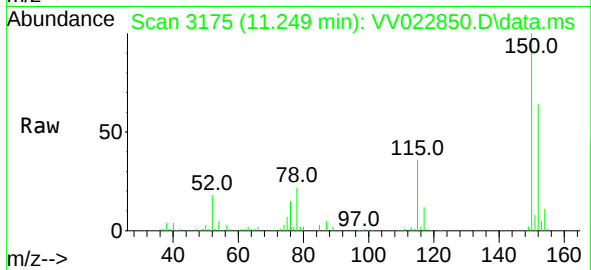
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.593 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022850.D
 Acq: 15 Oct 2021 20:41

Instrument :
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Tgt Ion:	75	Resp:	6035
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.4	38.2
110	3.5	34.2	51.4#

