

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025359.D
 Acq On : 06 Apr 2022 13:27
 Operator : SY/MD
 Sample : N2261-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY42

Quant Time: Apr 07 01:26:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

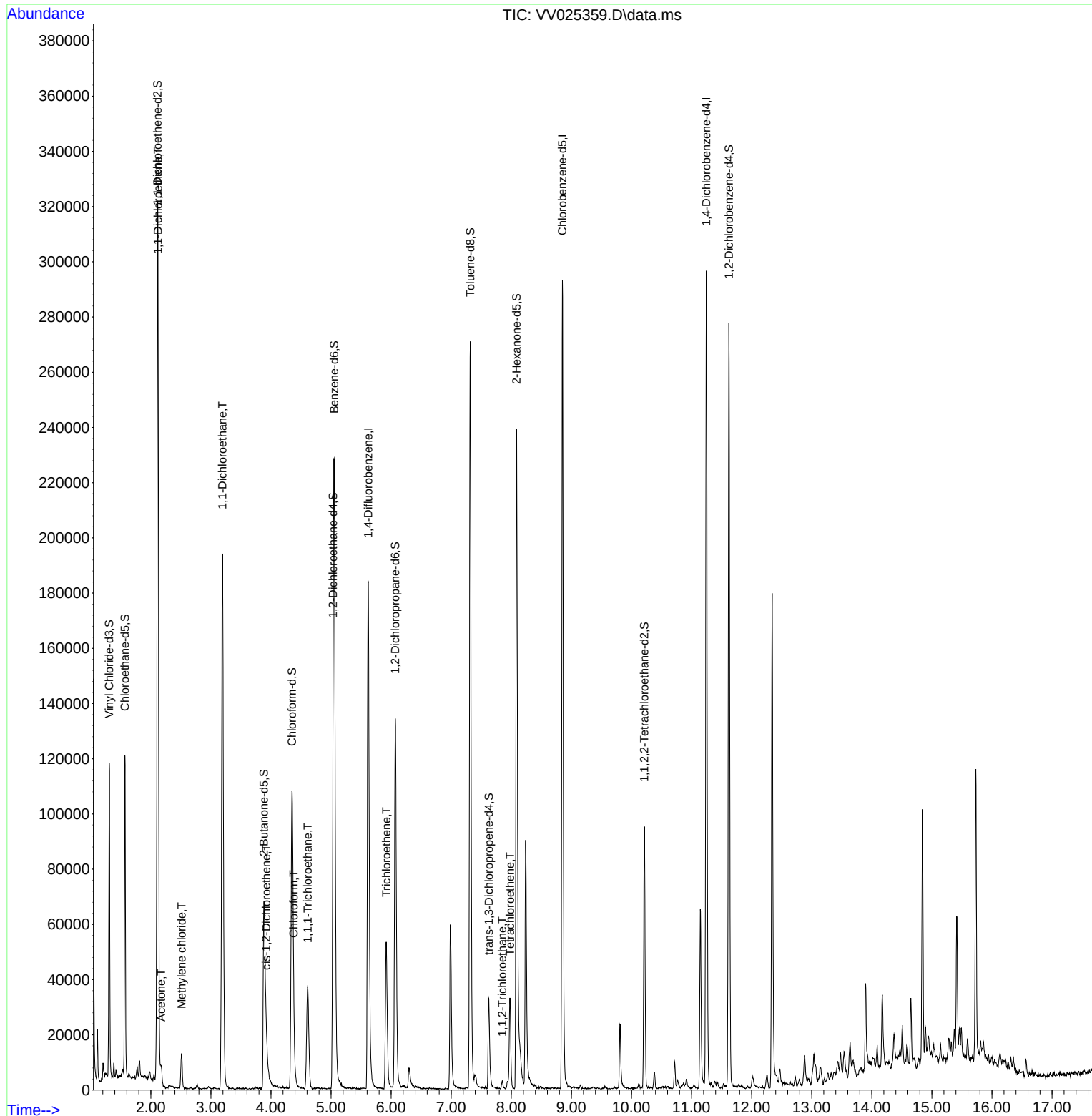
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65665	4.158	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.568	69	71679	5.408	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2	2.111	63	133696	3.908	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	3.883	46	103574	65.837	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.680%#	
24) Chloroform-d	4.349	84	114612	5.561	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.200%	
26) 1,2-Dichloroethane-d4	5.034	65	51799	5.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.800%	
32) Benzene-d6	5.050	84	216446	5.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	6.069	67	64683	5.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.200%	
41) Toluene-d8	7.317	98	183296	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.625	79	20390	5.370	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.400%	
46) 2-Hexanone-d5	8.088	63	86207	62.858	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.720%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44794	5.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	69763	5.492	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.121	96	50958	2.993	ug/L #	71
13) Acetone	2.172	43	7290	6.073	ug/L	91
16) Methylene chloride	2.513	84	5964	0.446	ug/L	90
19) 1,1-Dichloroethane	3.191	63	189153	9.274	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	3863	0.311	ug/L	89
25) Chloroform	4.378	83	7781	0.344	ug/L	87
29) 1,1,1-Trichloroethane	4.609	97	30454	1.534	ug/L	99
34) Trichloroethene	5.918	95	17376	1.314	ug/L	93
45) 1,1,2-Trichloroethane	7.847	97	928	0.121	ug/L	94
47) Tetrachloroethene	7.979	164	7244	0.743	ug/L	94

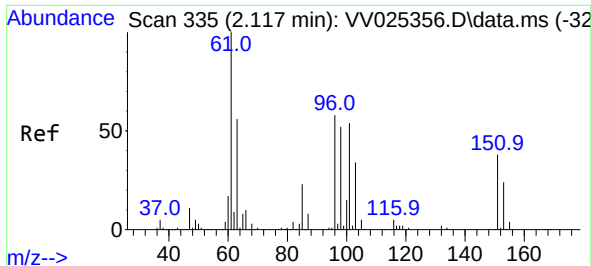
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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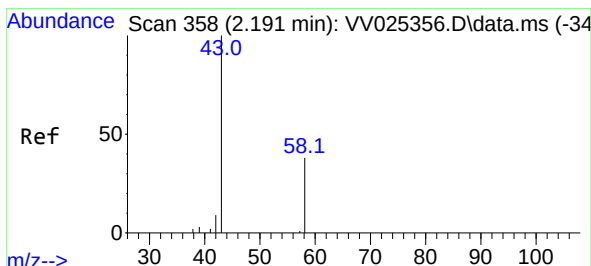
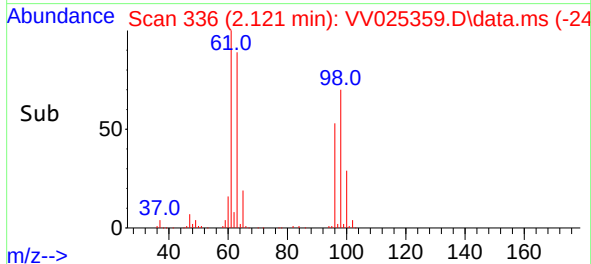
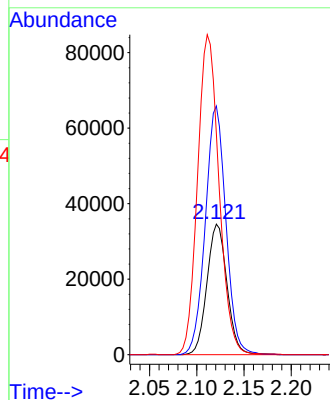
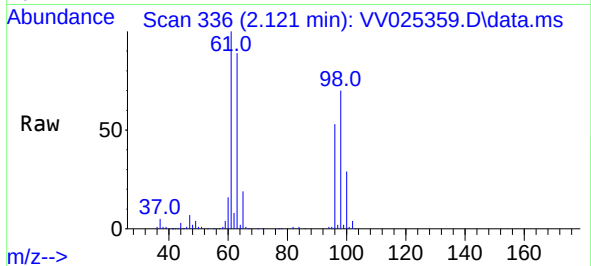




#12
1,1-Dichloroethene
Concen: 2.993 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

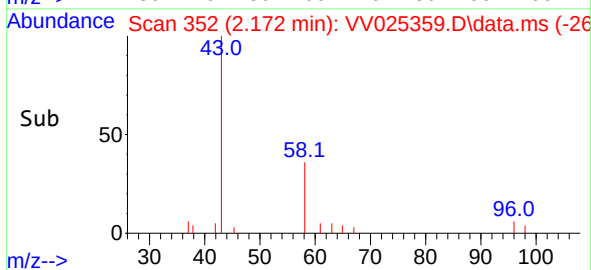
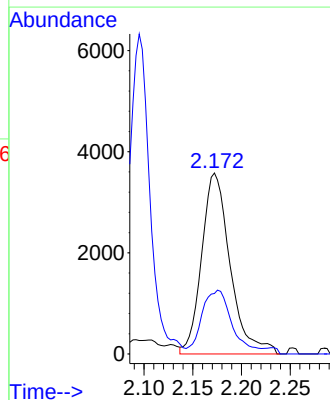
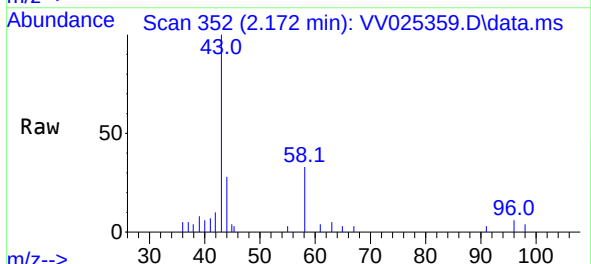
Instrument :
MSVOA_V
ClientSampleId :
BFY42

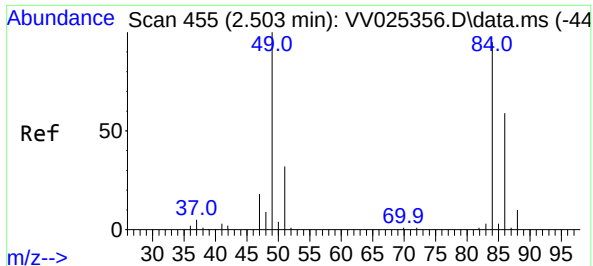
Tgt Ion: 96 Resp: 50958
Ion Ratio Lower Upper
96 100
61 190.3 121.5 225.7
63 169.2 77.9 144.7#



#13
Acetone
Concen: 6.073 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.019 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

Tgt Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
58 30.2 0.0 51.2

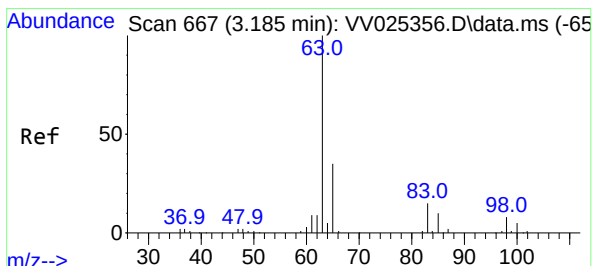
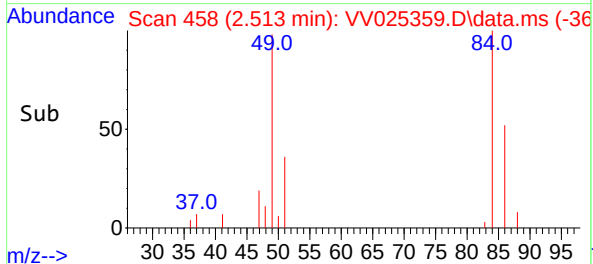
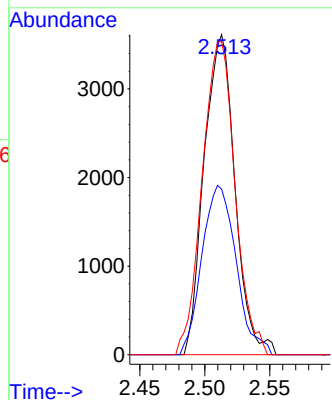
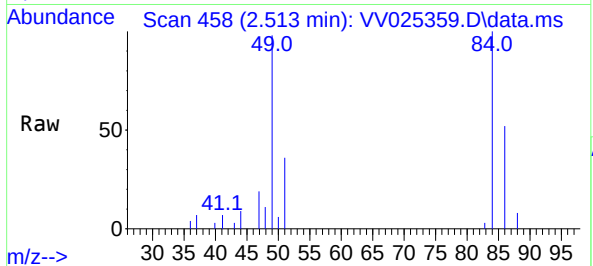




#16
Methylene chloride
Concen: 0.446 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

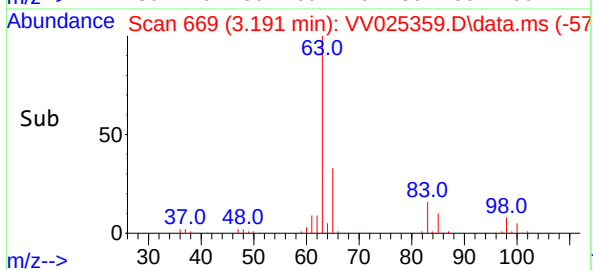
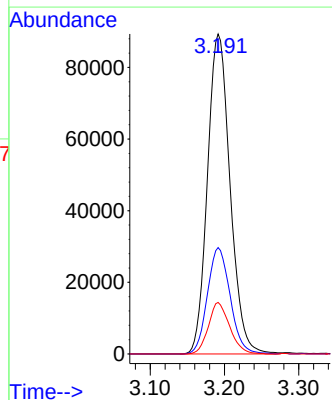
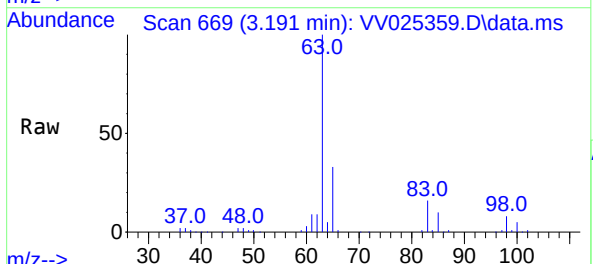
Instrument :
MSVOA_V
ClientSampleId :
BFY42

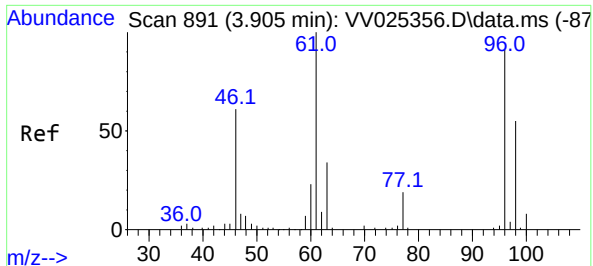
Tgt Ion: 84 Resp: 5964
Ion Ratio Lower Upper
84 100
86 51.7 43.5 80.7
49 97.9 74.5 138.3



#19
1,1-Dichloroethane
Concen: 9.274 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.007 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

Tgt Ion: 63 Resp: 189153
Ion Ratio Lower Upper
63 100
65 33.2 22.0 40.8
83 16.1 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 0.311 ug/L

RT: 3.918 min Scan# 891

Delta R.T. 0.013 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

BFY42

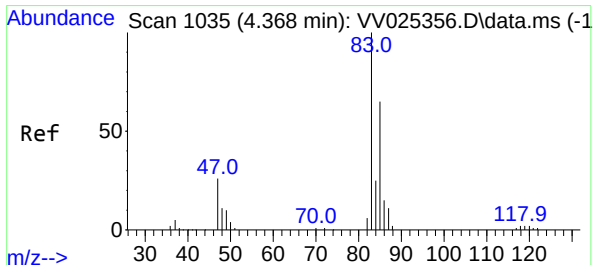
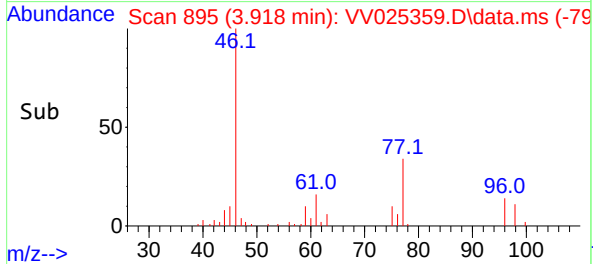
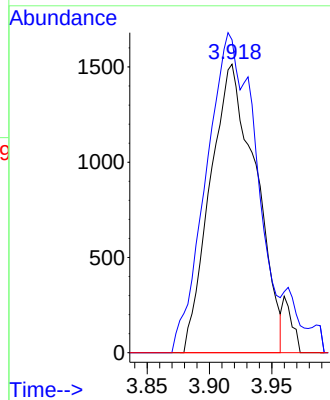
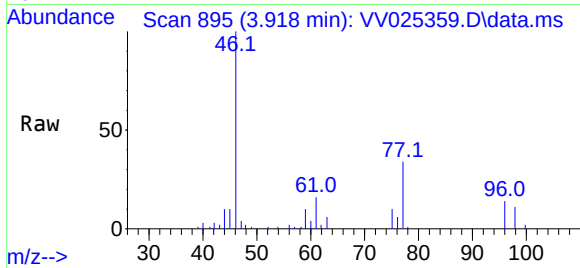
Tgt Ion: 96 Resp: 3863

Ion Ratio Lower Upper

96 100

61 108.4 84.1 156.1

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.344 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.010 min

Lab File: VV025359.D

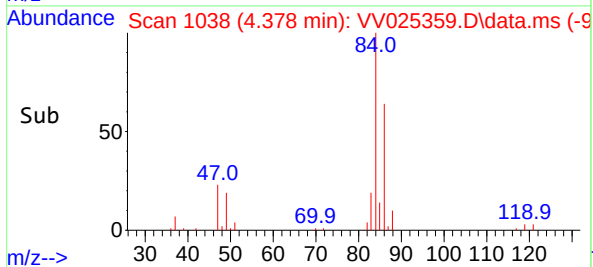
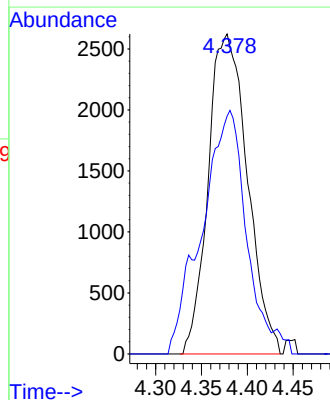
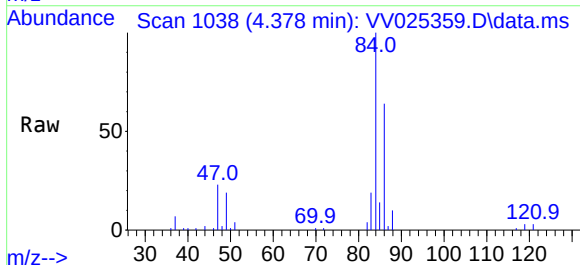
Acq: 06 Apr 2022 13:27

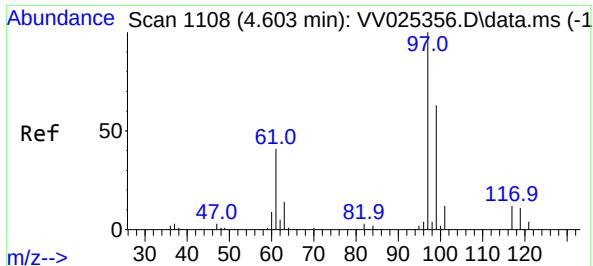
Tgt Ion: 83 Resp: 7781

Ion Ratio Lower Upper

83 100

85 74.3 44.7 82.9





#29

1,1,1-Trichloroethane

Concen: 1.534 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

BFY42

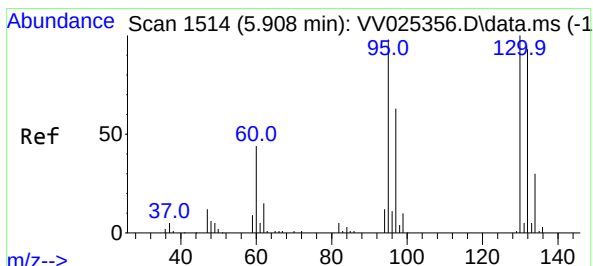
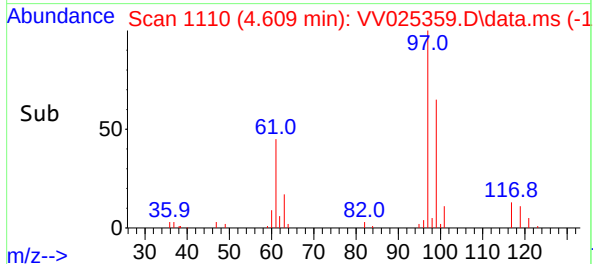
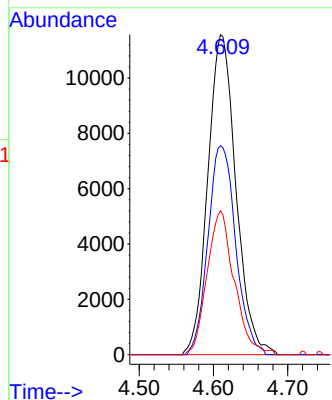
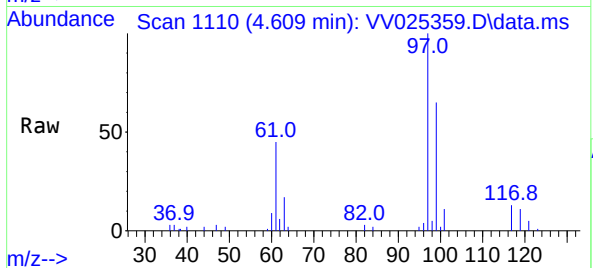
Tgt Ion: 97 Resp: 30454

Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 43.2 34.2 51.2



#34

Trichloroethene

Concen: 1.314 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Tgt Ion: 95 Resp: 17376

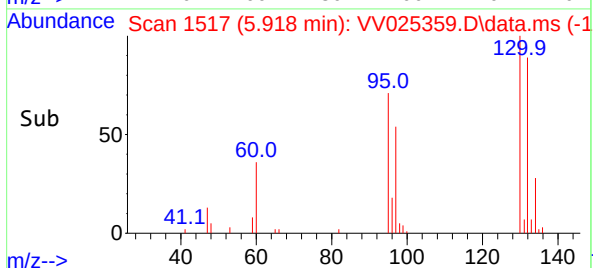
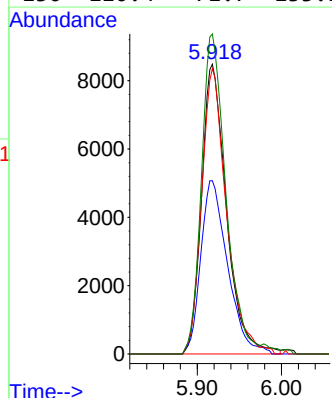
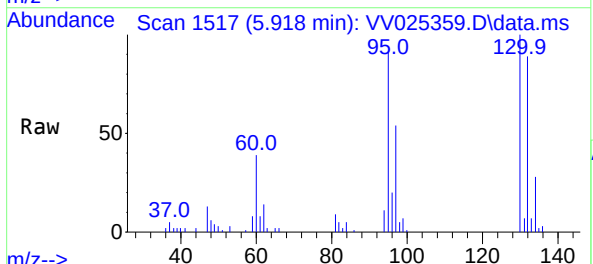
Ion Ratio Lower Upper

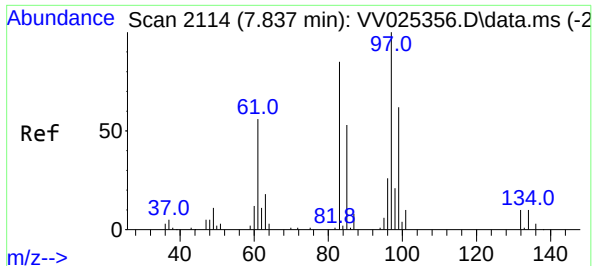
95 100

97 59.8 46.3 85.9

132 98.5 65.2 121.2

130 110.4 71.7 133.1



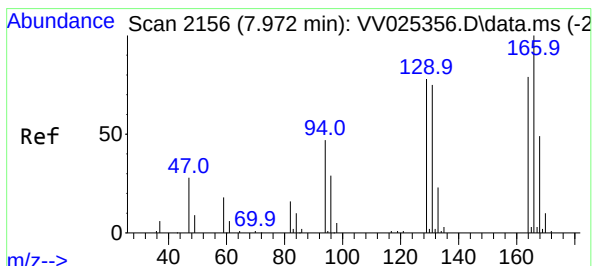
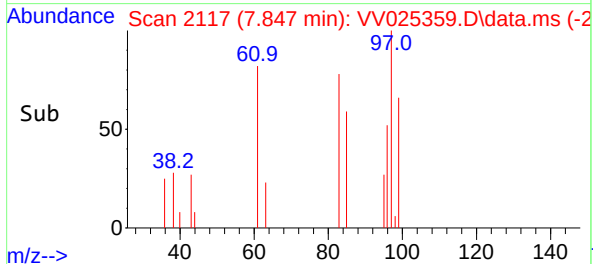
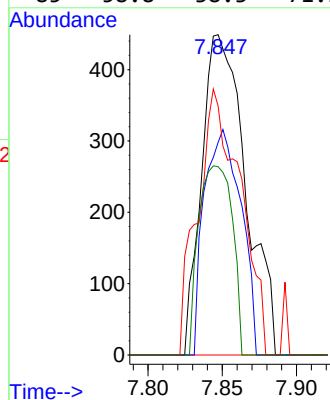
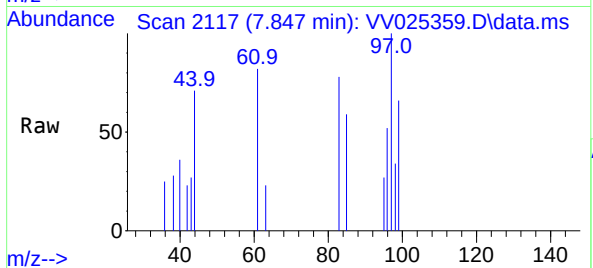


#45
1,1,2-Trichloroethane
Concen: 0.121 ug/L
RT: 7.847 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

Instrument :
MSVOA_V
ClientSampleId :
BFY42

Tgt Ion: 97 Resp: 928

Ion	Ratio	Lower	Upper
97	100		
99	66.4	43.3	80.5
83	77.7	58.0	107.6
85	58.8	38.3	71.1



#47
Tetrachloroethene
Concen: 0.743 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

Tgt Ion: 164 Resp: 7244

Ion	Ratio	Lower	Upper
164	100		
129	100.5	67.5	125.4
131	89.9	68.0	126.4
166	130.2	86.2	160.2

