

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
3) Chloromethane	1.240	50	800	0.040	ug/L	95
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
31) Carbon tetrachloride	4.613	117	4100	0.239	ug/L	90
34) Trichloroethene	5.918	95	17376	1.314	ug/L	93
35) Methylcyclohexane	6.069	83	16449	0.794	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7230	0.647	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1567	0.108	ug/L #	27
44) trans-1,3-Dichloropropene	7.625	75	1104	0.097	ug/L	94
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
49) Dibromochloromethane	7.976	129	7178	0.872	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8658	1.447	ug/L #	63

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QLast Update : Thu Apr 07 01:24:47 2022
Response via : Initial Calibration

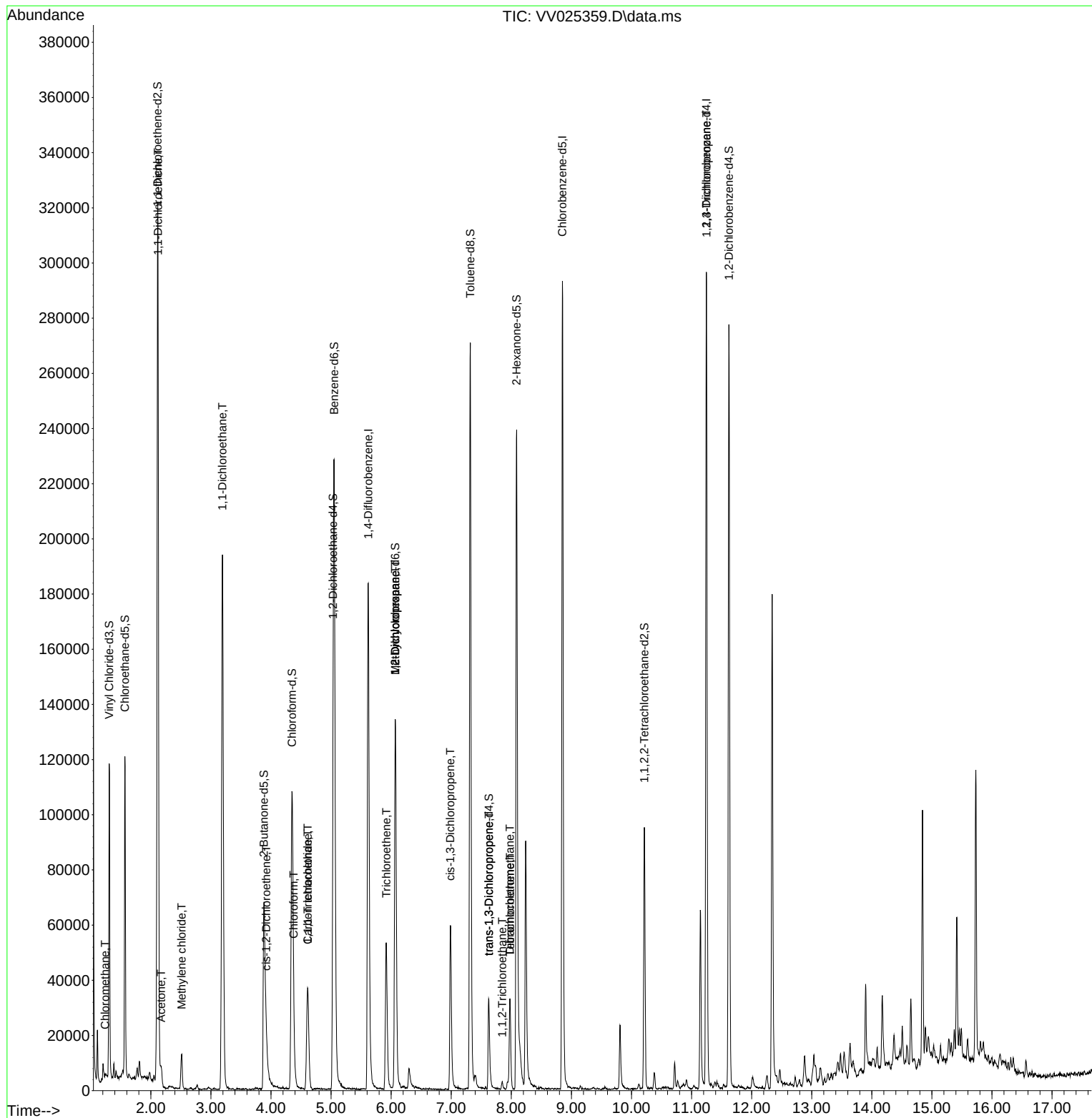
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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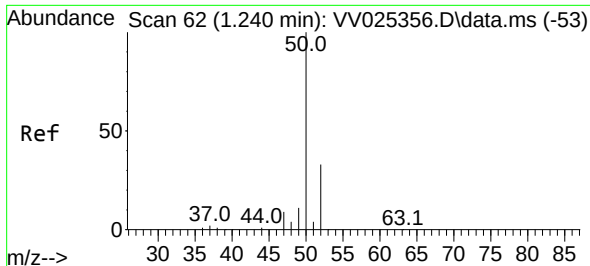
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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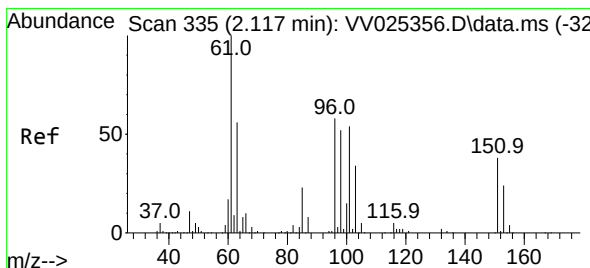
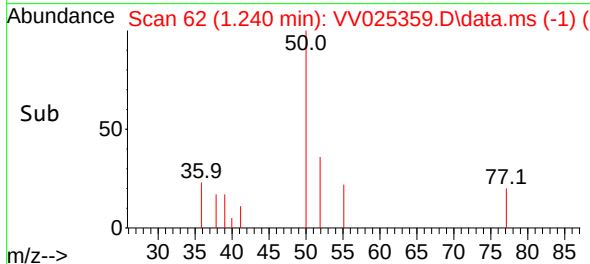
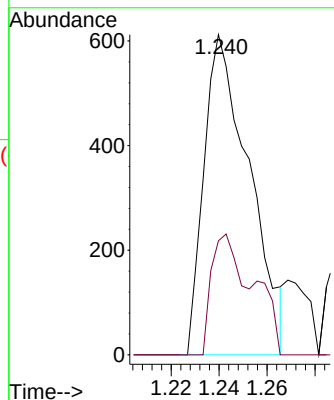
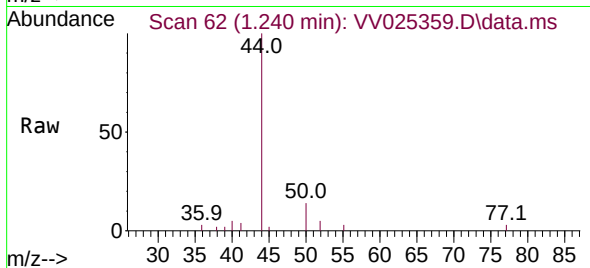




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

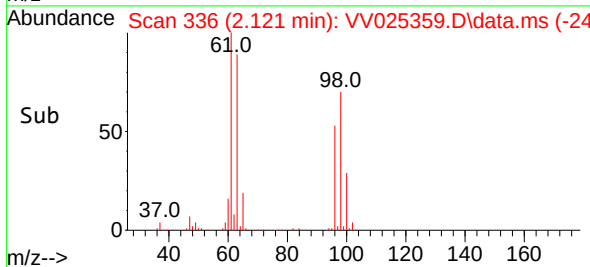
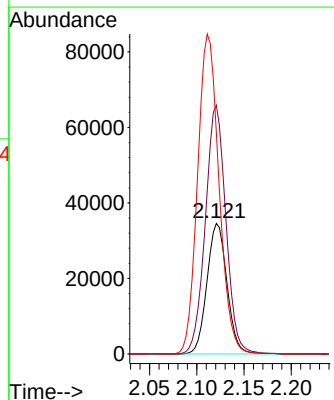
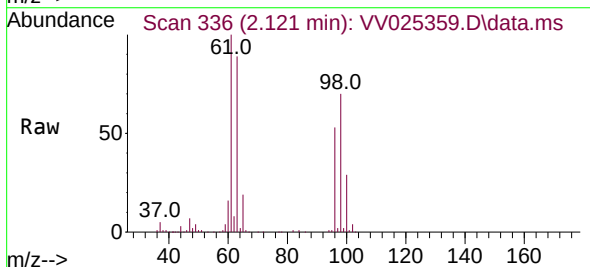
Instrument :
MSVOA_V
ClientSampleId :
BFY42

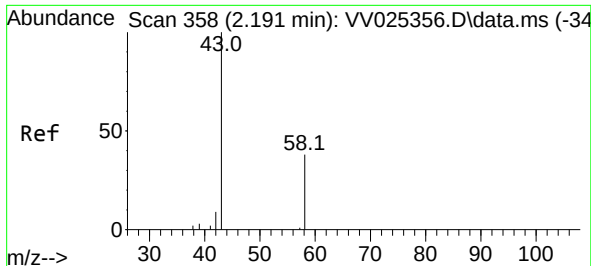
Tgt Ion: 50 Resp: 800
Ion Ratio Lower Upper
50 100
52 35.6 22.9 42.5



#12
1,1-Dichloroethene
Concen: 2.993 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

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#

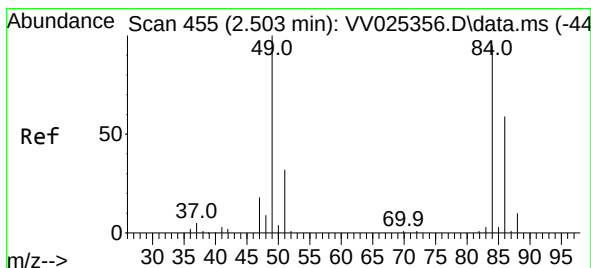
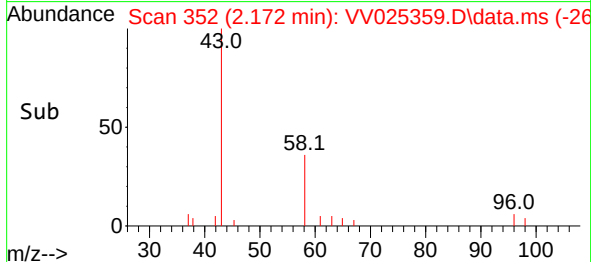
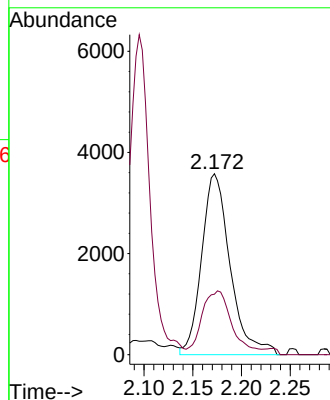
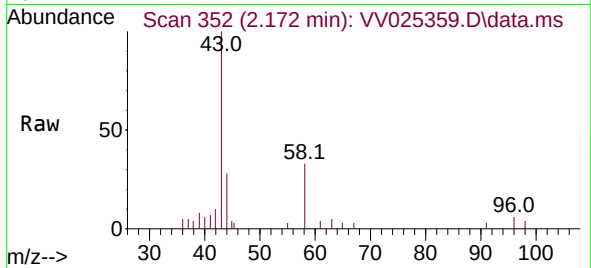




#13
Acetone
Concen: 6.073 ug/L
RT: 2.172 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

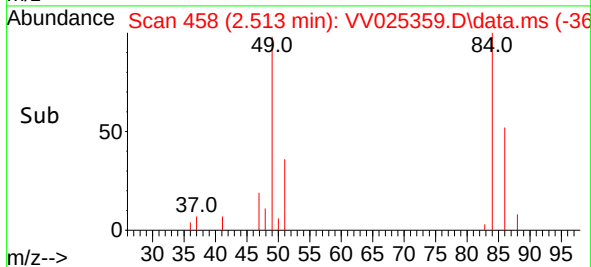
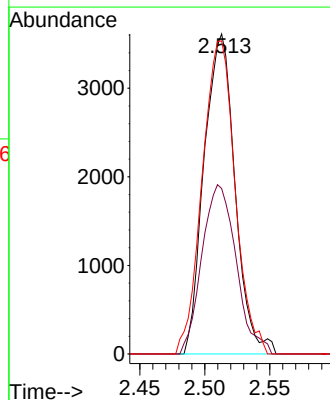
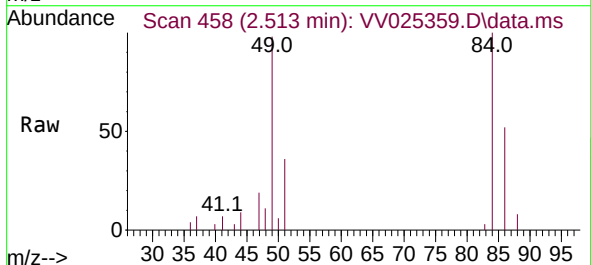
Instrument :
MSVOA_V
ClientSampleId :
BFY42

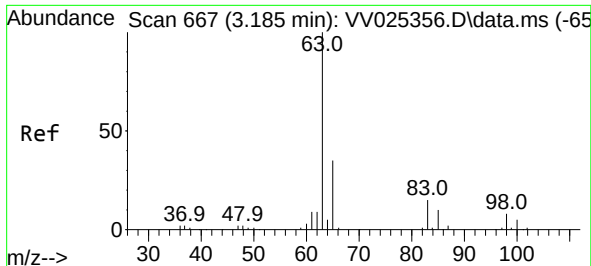
Tgt Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
58 30.2 0.0 51.2



#16
Methylene chloride
Concen: 0.446 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.010 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

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# 6

Delta R.T. 0.007 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

BFY42

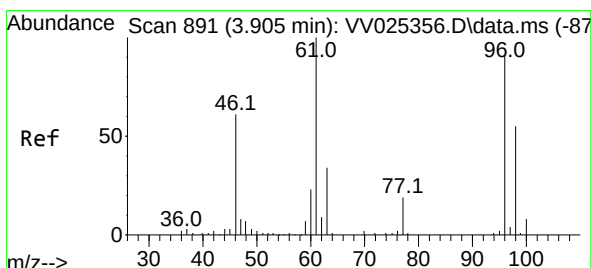
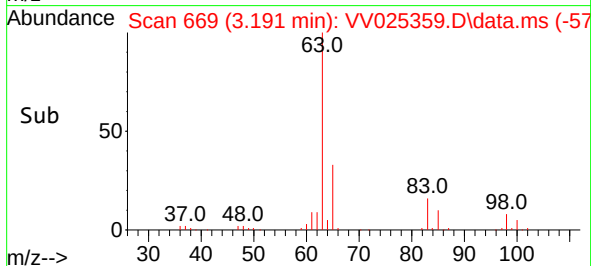
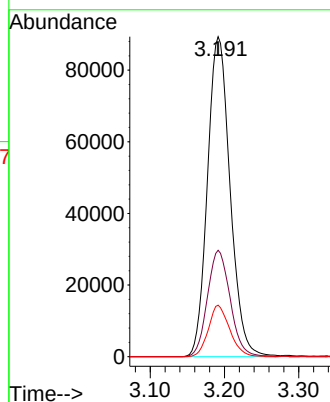
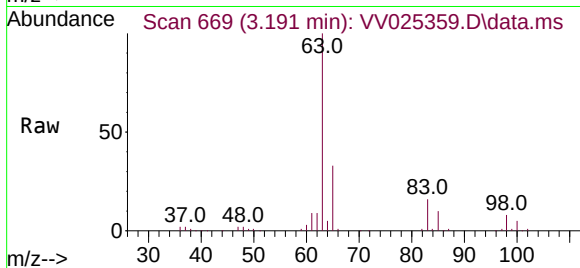
Tgt Ion: 63 Resp: 189153

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# 895

Delta R.T. 0.013 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

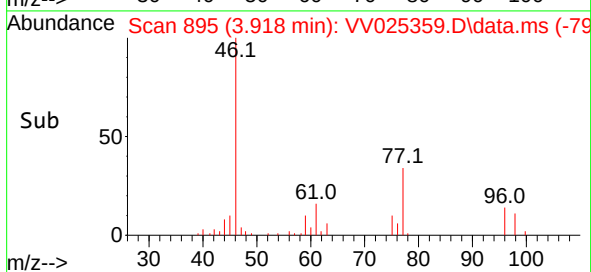
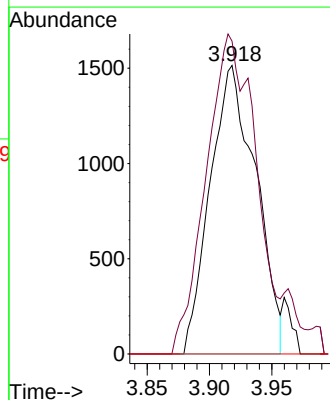
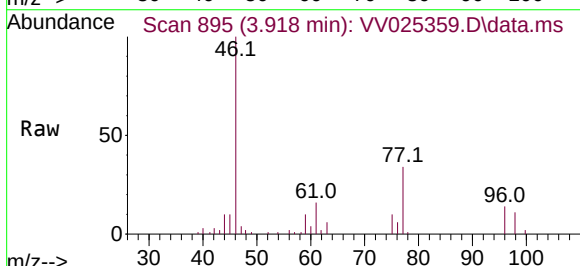
Tgt Ion: 96 Resp: 3863

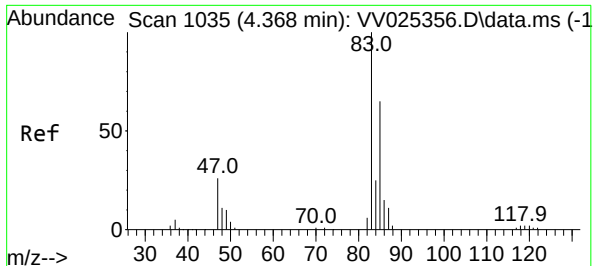
Ion Ratio Lower Upper

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# 110

Delta R.T. 0.010 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

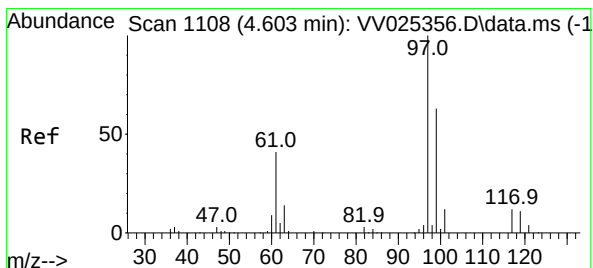
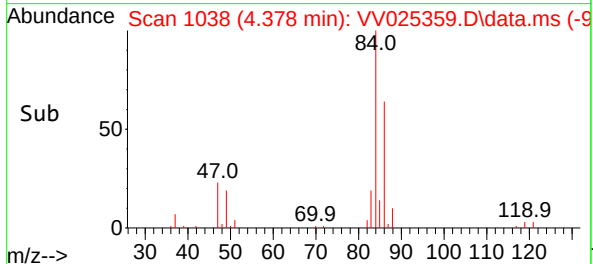
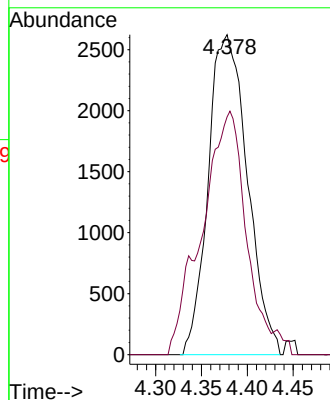
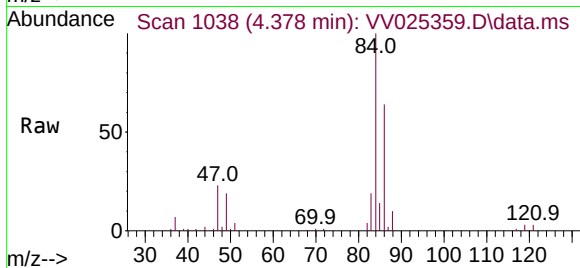
BFY42

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# 1110

Delta R.T. 0.007 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

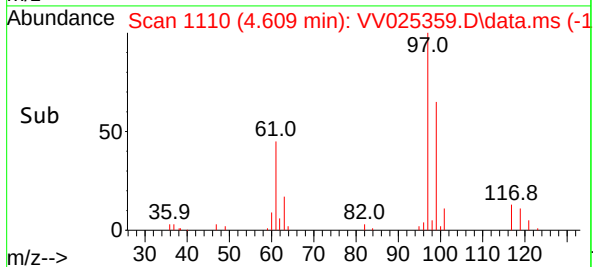
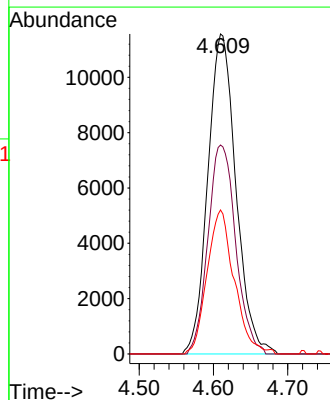
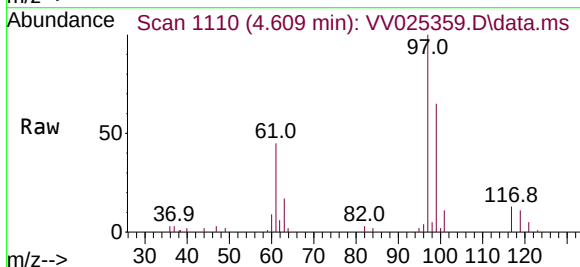
Tgt Ion: 97 Resp: 30454

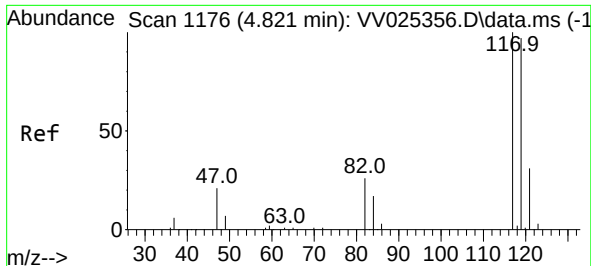
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 43.2 34.2 51.2

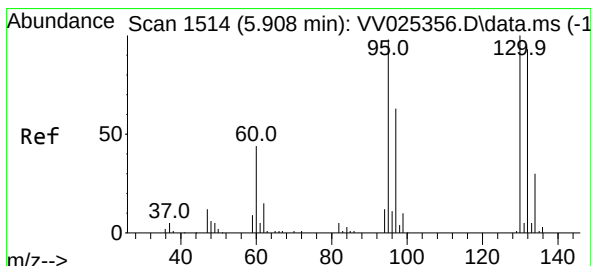
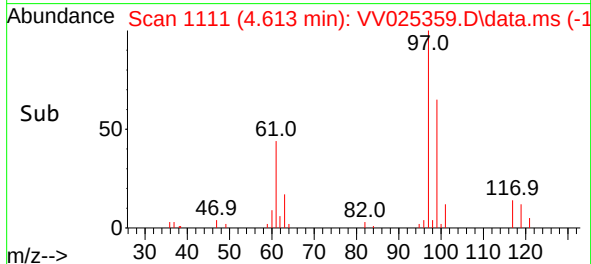
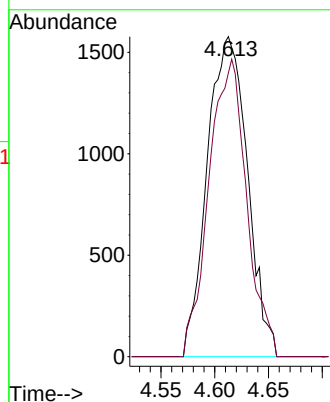
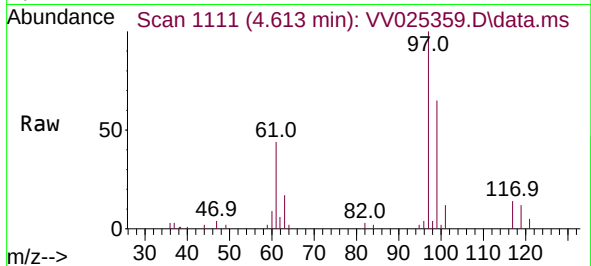




#31
Carbon tetrachloride
Concen: 0.239 ug/L
RT: 4.613 min Scan# 1176
Delta R.T. -0.209 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

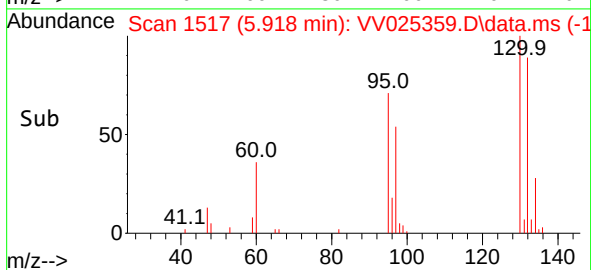
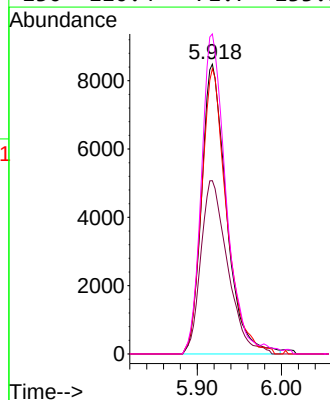
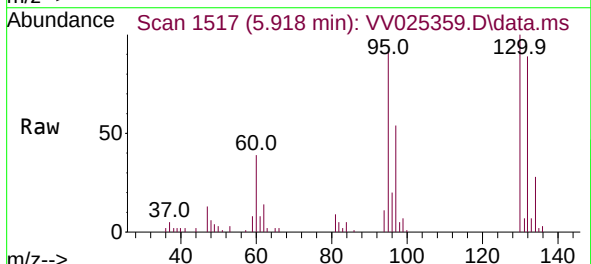
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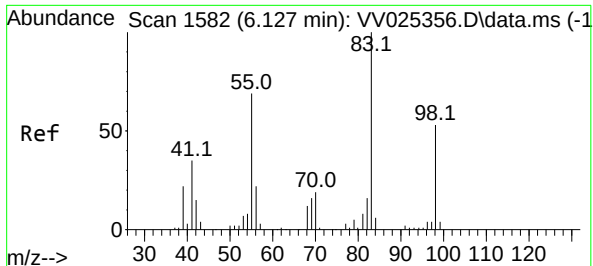
Tgt Ion:117 Resp: 4100
Ion Ratio Lower Upper
117 100
119 87.0 77.8 116.6



#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





#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

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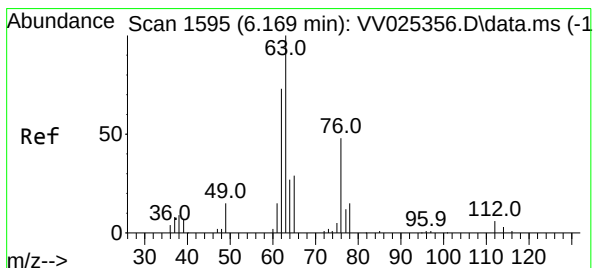
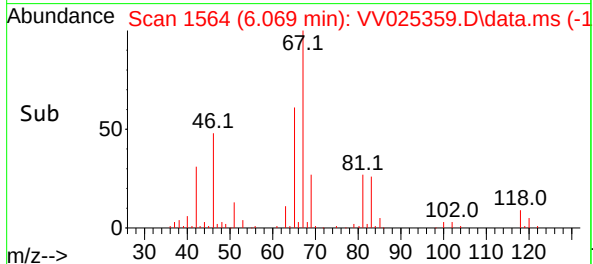
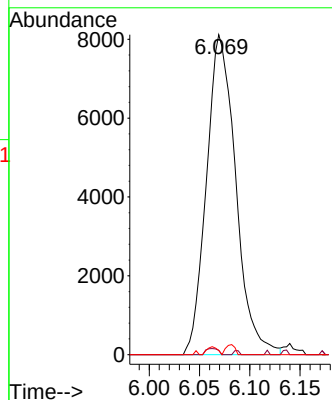
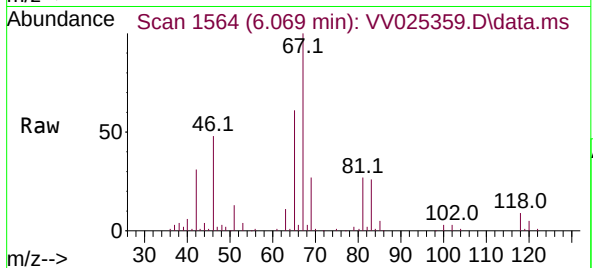
Tgt Ion: 83 Resp: 16449

Ion Ratio Lower Upper

83 100

55 0.8 54.6 81.8#

98 0.9 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.647 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025359.D

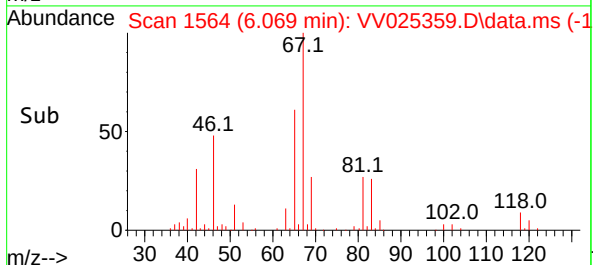
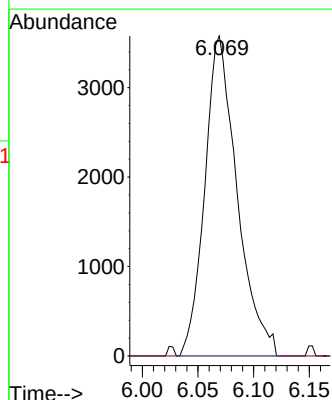
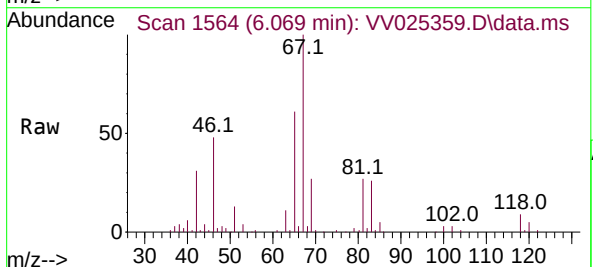
Acq: 06 Apr 2022 13:27

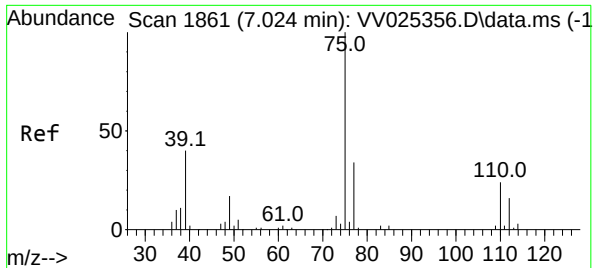
Tgt Ion: 63 Resp: 7230

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#

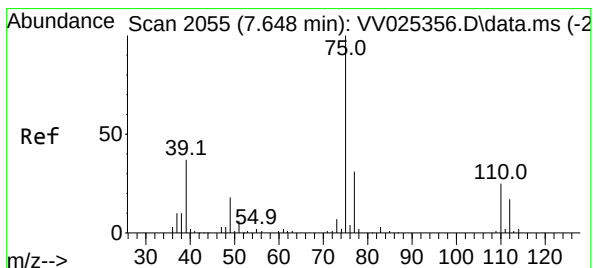
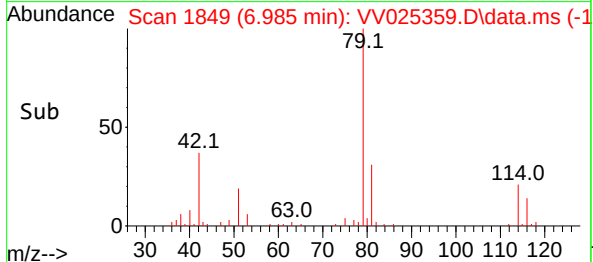
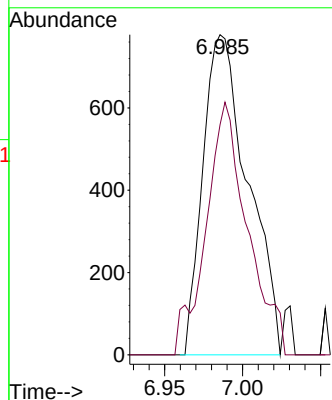
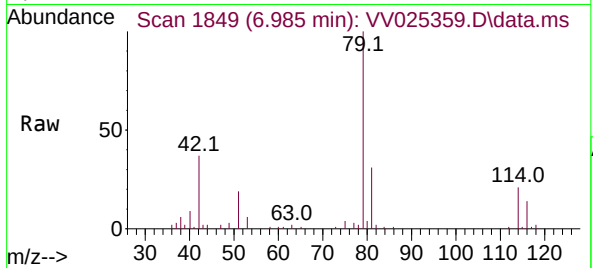




#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 6.985 min Scan# 11
Delta R.T. -0.038 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

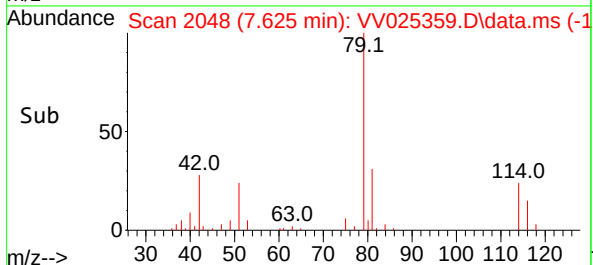
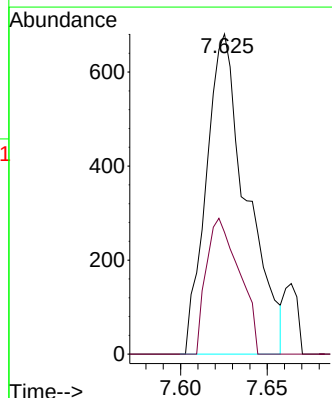
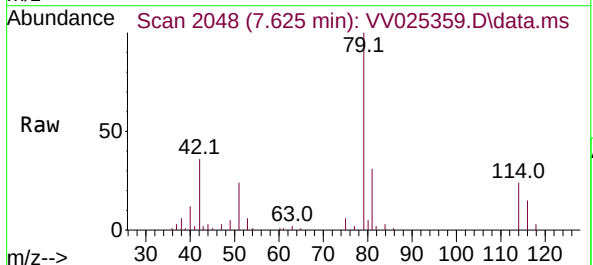
Instrument :
MSVOA_V
ClientSampleId :
BFY42

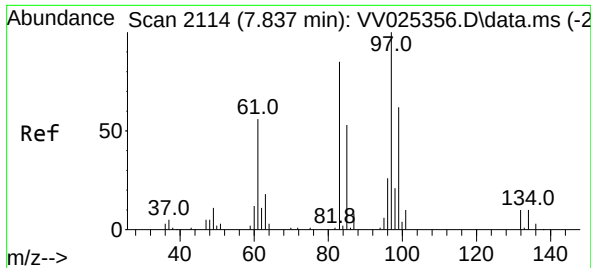
Tgt Ion: 75 Resp: 1567
Ion Ratio Lower Upper
75 100
77 71.9 22.1 41.1#



#44
trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

Tgt Ion: 75 Resp: 1104
Ion Ratio Lower Upper
75 100
77 38.0 24.2 45.0



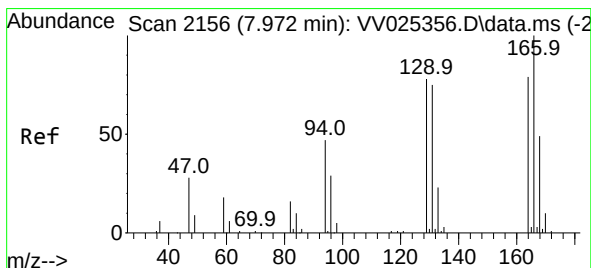
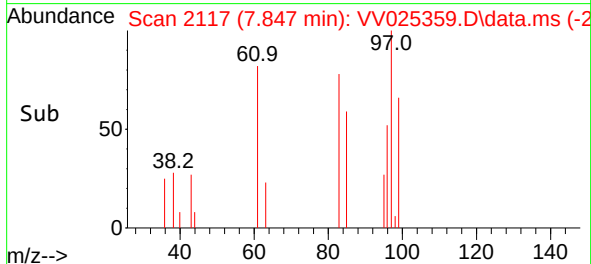
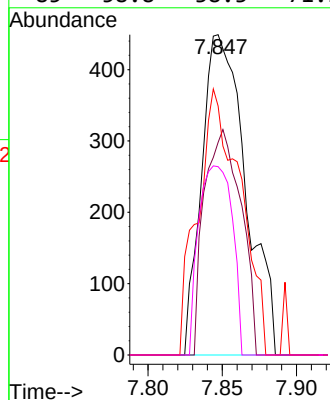
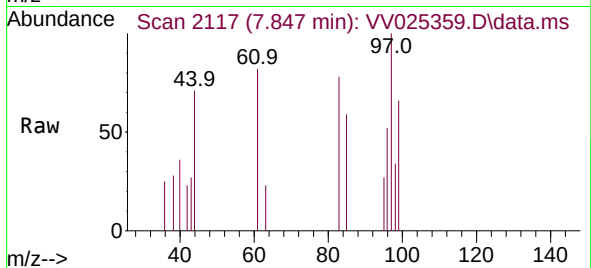


#45
1,1,2-Trichloroethane
Concen: 0.121 ug/L
RT: 7.847 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

Instrument :
MSVOA_V
ClientSampleId :
BFY42

Tgt Ion: 97 Resp: 928

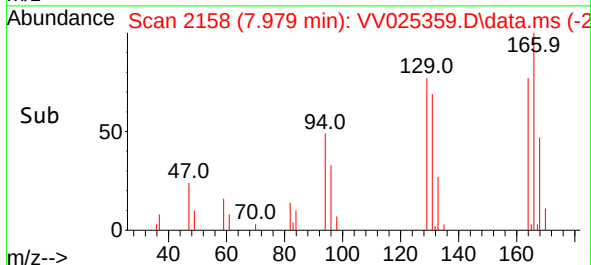
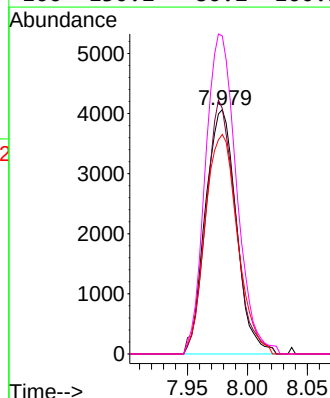
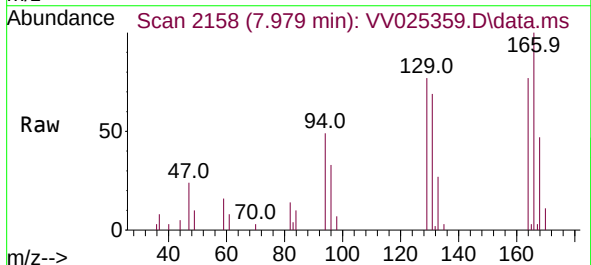
Ion	Ratio	Lower	Upper
97	100		
99	66.4	43.3	80.5
83	77.7	58.0	107.6
85	58.8	38.3	71.1

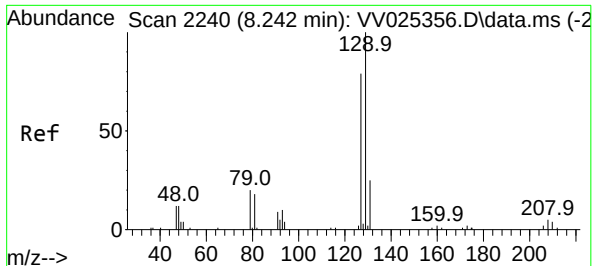


#47
Tetrachloroethene
Concen: 0.743 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV025359.D
Acq: 06 Apr 2022 13:27

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





#49

Dibromochloromethane

Concen: 0.872 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

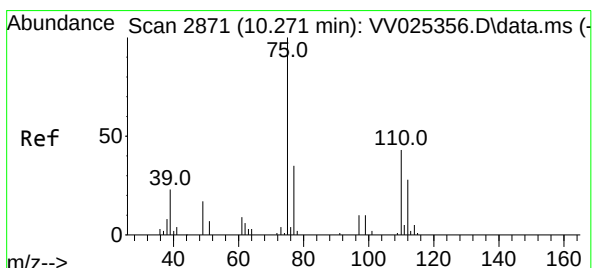
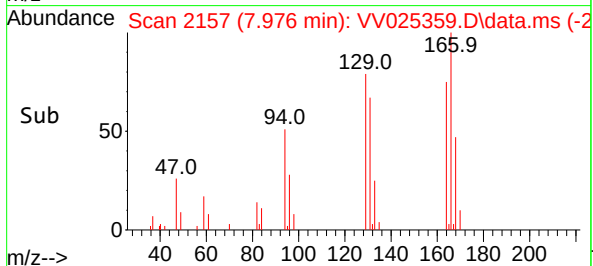
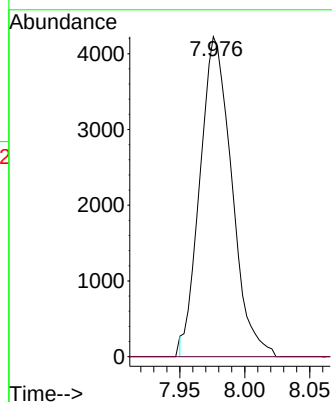
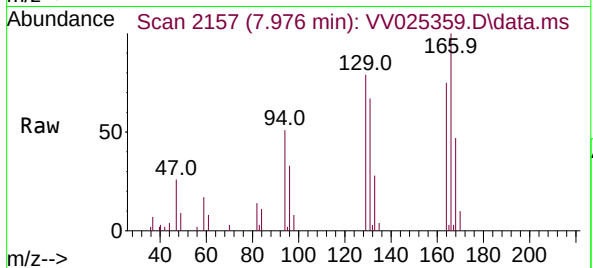
BFY42

Tgt Ion:129 Resp: 7178

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.447 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025359.D

Acq: 06 Apr 2022 13:27

Tgt Ion: 75 Resp: 8658

Ion Ratio Lower Upper

75 100

77 39.1 25.8 38.6#

110 4.1 31.6 47.4#

