

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025150.D
 Acq On : 24 Mar 2022 14:53
 Operator : SY/MD
 Sample : N2044-11RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY34

Quant Time: Mar 25 03:10:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140784	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65791	5.919	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.400%	
7) Chloroethane-d5	1.568	69	51748	6.358	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	127.200%	
11) 1,1-Dichloroethene-d2	2.108	63	89375	4.975	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	3.889	46	91682	68.254	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	136.500%#	
24) Chloroform-d	4.346	84	109956	5.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.200%	
26) 1,2-Dichloroethane-d4	5.030	65	47151	6.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	122.400%	
32) Benzene-d6	5.047	84	236582	6.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	123.200%	
36) 1,2-Dichloropropane-d6	6.069	67	69105	6.261	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	125.200%	
41) Toluene-d8	7.313	98	208739	5.967	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.400%	
43) trans-1,3-Dichloroprop...	7.622	79	20014	5.201	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.000%	
46) 2-Hexanone-d5	8.085	63	77631	59.147	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.300%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40951	6.307	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	126.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	68413	6.092	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.800%#	
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	332	0.042	ug/L	89
12) 1,1-Dichloroethene	2.121	96	13449	1.500	ug/L #	1
16) Methylene chloride	2.510	84	3529	0.325	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	8358	0.428	ug/L	98
19) 1,1-Dichloroethane	3.188	63	100504	5.471	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	434	0.040	ug/L	75
25) Chloroform	4.375	83	6151	0.322	ug/L	94
27) 1,2-Dichloroethane	5.143	62	1831	0.193	ug/L #	71
29) 1,1,1-Trichloroethane	4.603	97	9902	0.587	ug/L	98
34) Trichloroethene	5.918	95	6102	0.532	ug/L	94
35) Methylcyclohexane	6.066	83	16487	0.909	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	6750	0.682	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1357	0.099	ug/L #	57
47) Tetrachloroethene	7.976	164	7869	0.976	ug/L	93
49) Dibromochloromethane	7.976	129	7692	1.040	ug/L #	10
60) Isopropylbenzene	10.918	105	1586	0.032	ug/L #	79
61) 1,2,3-Trichloropropane	11.246	75	8035	1.440	ug/L #	65

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 25 02:51:12 2022
Response via : Initial Calibration

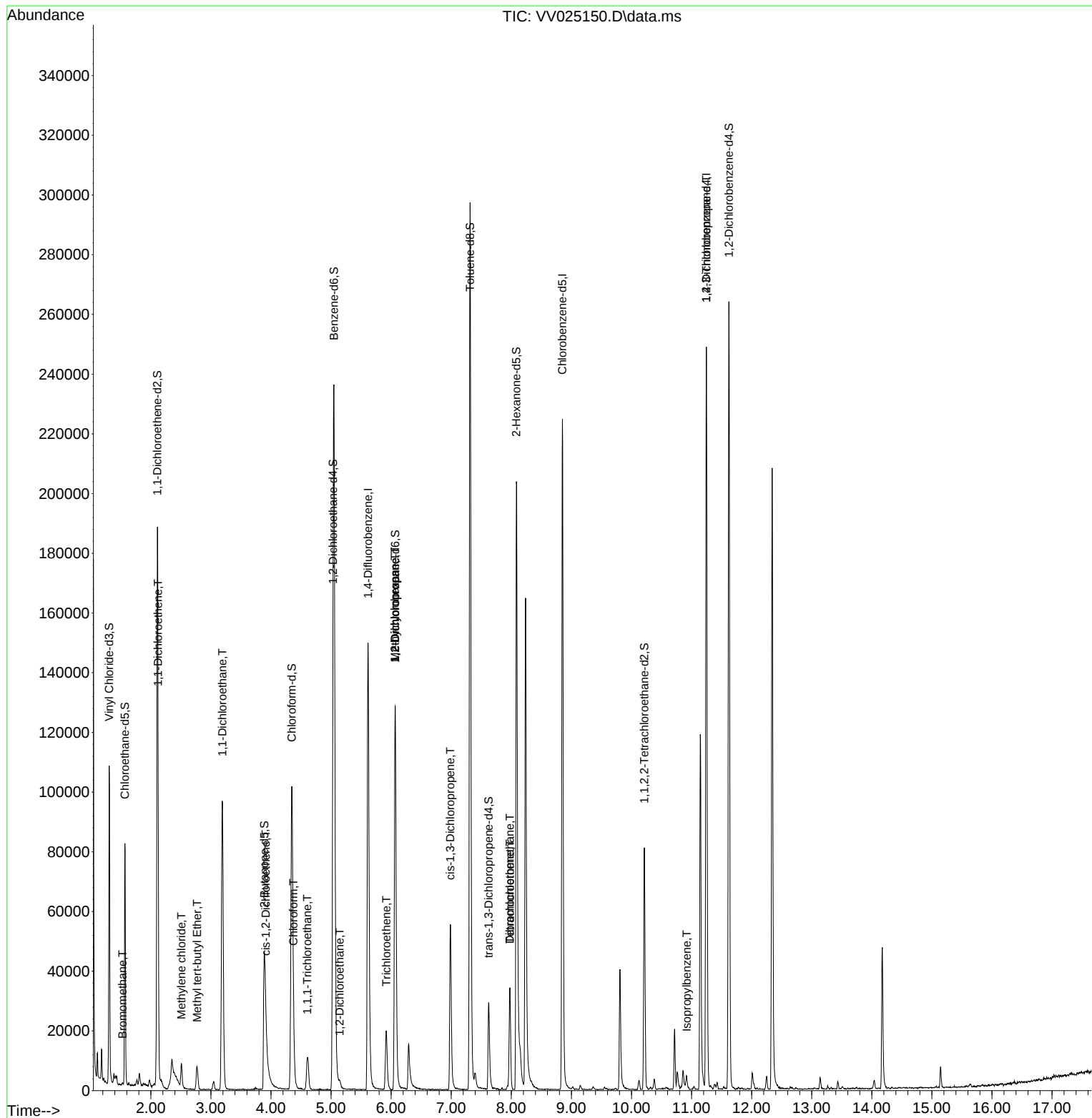
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

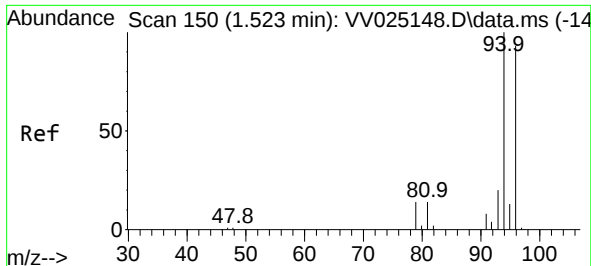
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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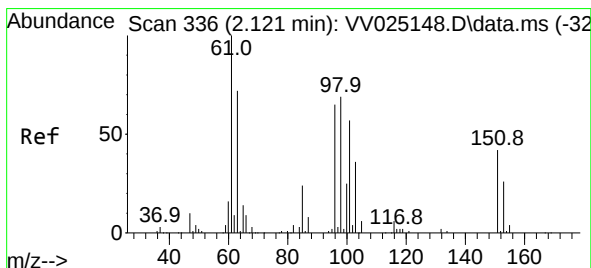
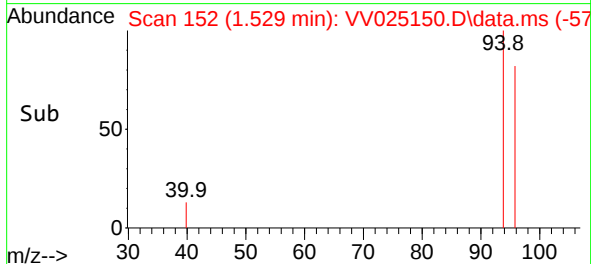
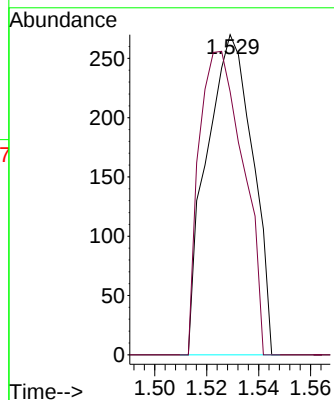
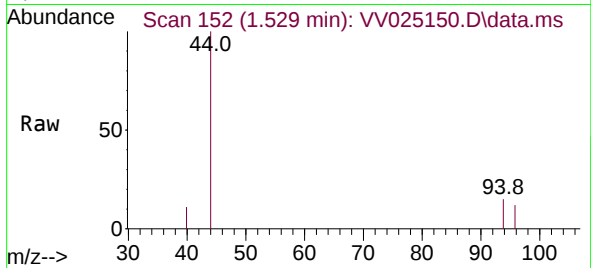




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

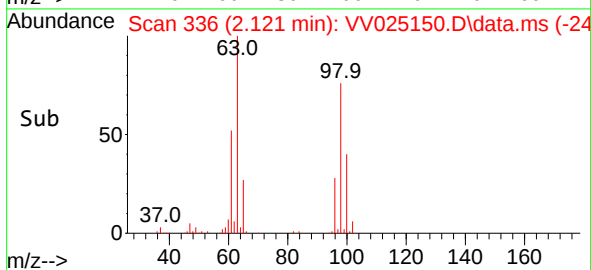
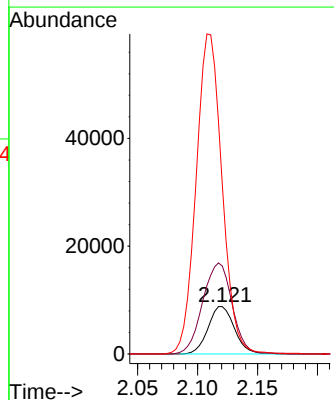
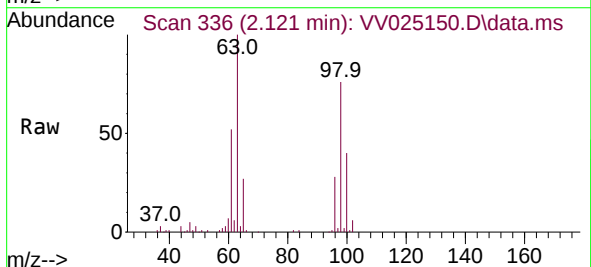
Instrument :
MSVOA_V
ClientSampleId :
BFY34

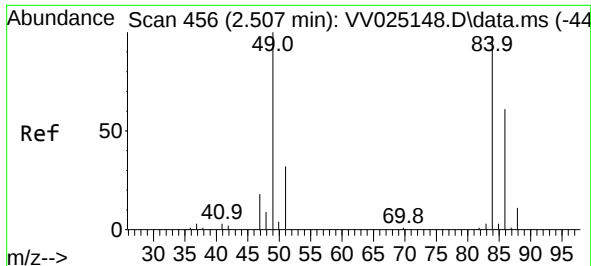
Tgt Ion: 94 Resp: 332
Ion Ratio Lower Upper
94 100
96 82.2 64.9 120.5



#12
1,1-Dichloroethene
Concen: 1.500 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

Tgt Ion: 96 Resp: 13449
Ion Ratio Lower Upper
96 100
61 185.6 113.0 209.9
63 358.1 82.1 152.5#

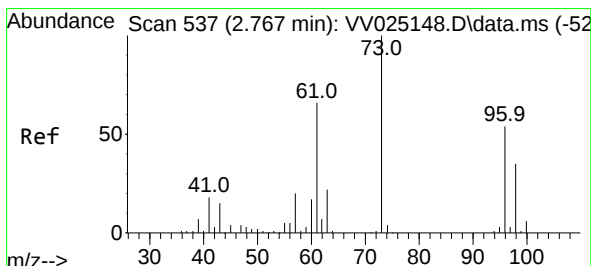
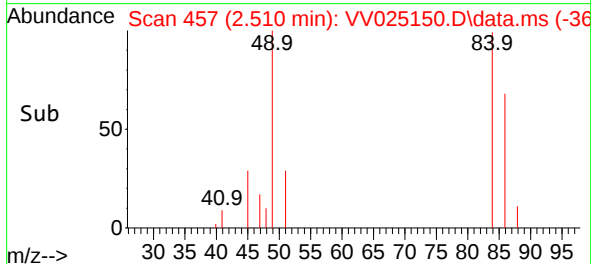
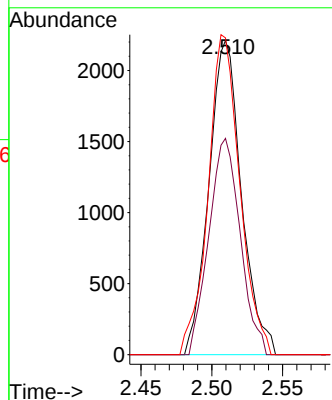
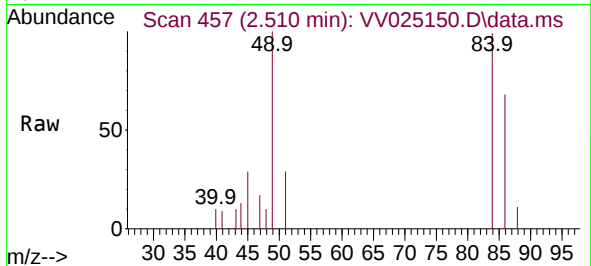




#16
Methylene chloride
Concen: 0.325 ug/L
RT: 2.510 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

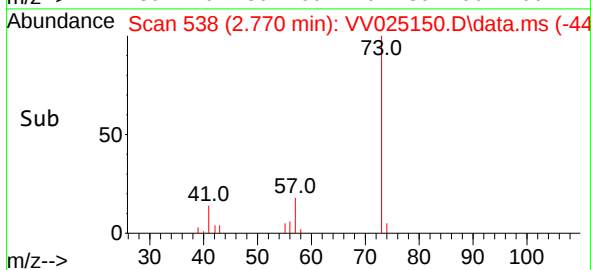
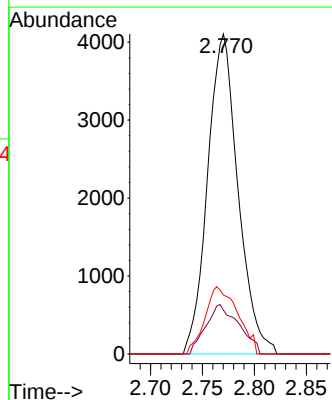
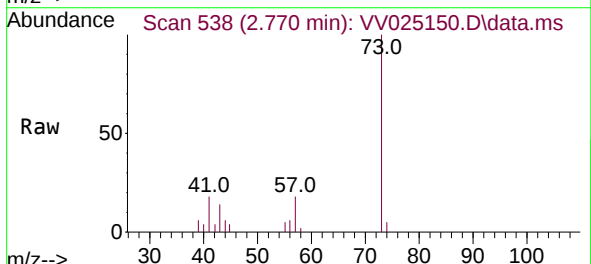
Instrument :
MSVOA_V
ClientSampleId :
BFY34

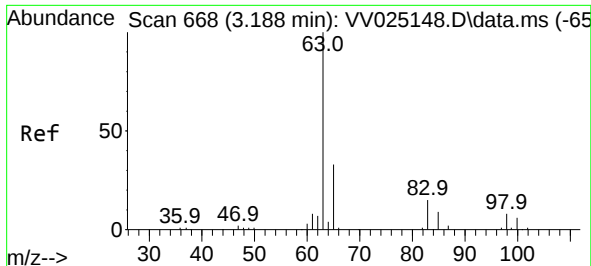
Tgt Ion: 84 Resp: 3529
Ion Ratio Lower Upper
84 100
86 68.8 45.5 84.5
49 100.8 75.0 139.2



#17
Methyl tert-butyl Ether
Concen: 0.428 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

Tgt Ion: 73 Resp: 8358
Ion Ratio Lower Upper
73 100
43 16.8 13.2 19.8
57 22.6 16.7 25.1





#19

1,1-Dichloroethane

Concen: 5.471 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025150.D

Acq: 24 Mar 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

BFY34

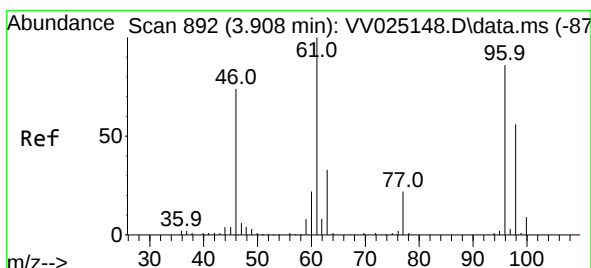
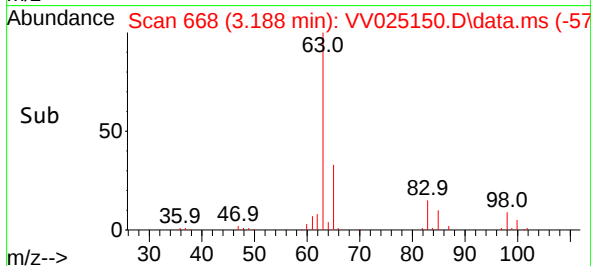
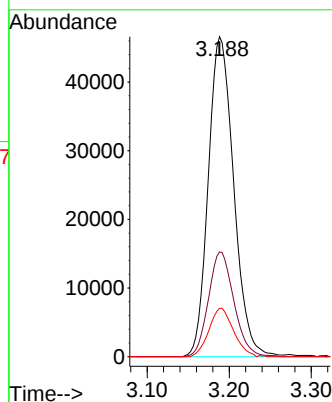
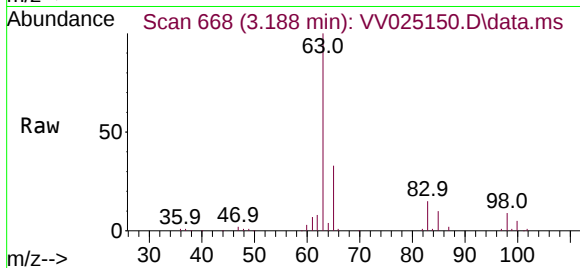
Tgt Ion: 63 Resp: 100504

Ion Ratio Lower Upper

63 100

65 32.8 22.2 41.2

83 15.1 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 0.040 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV025150.D

Acq: 24 Mar 2022 14:53

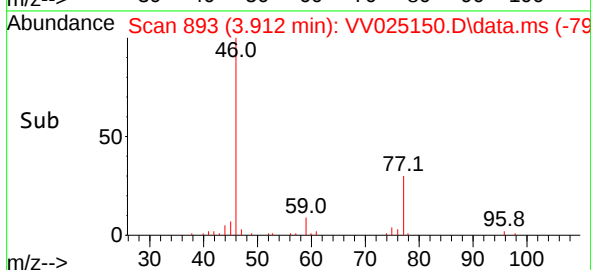
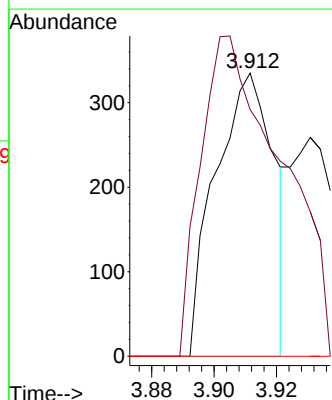
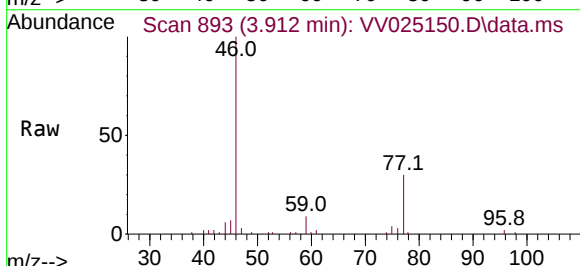
Tgt Ion: 96 Resp: 434

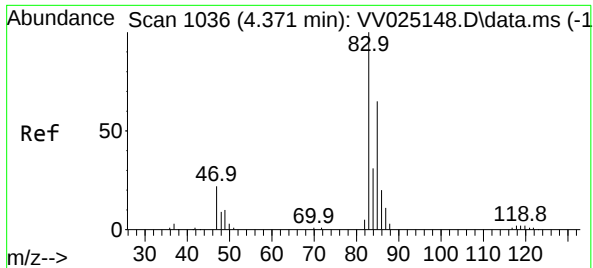
Ion Ratio Lower Upper

96 100

61 87.2 79.7 147.9

68 0.0 0.0 0.0

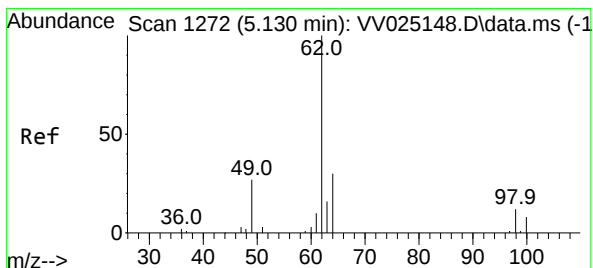
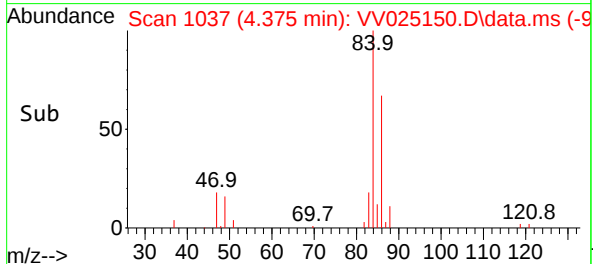
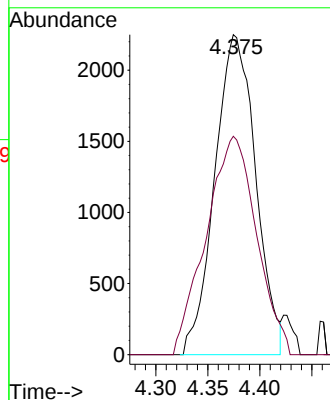
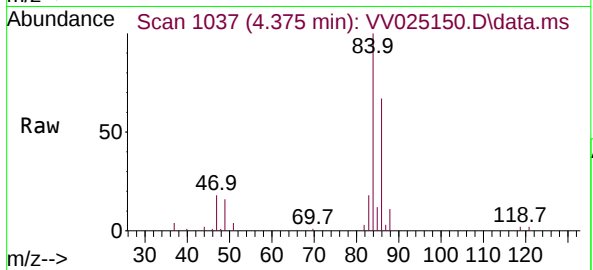




#25
Chloroform
Concen: 0.322 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

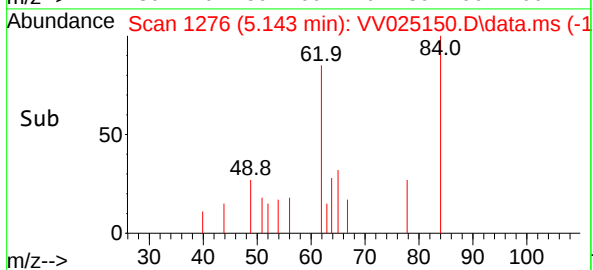
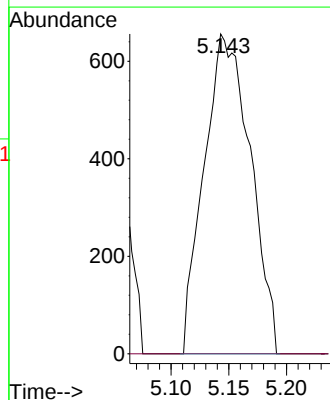
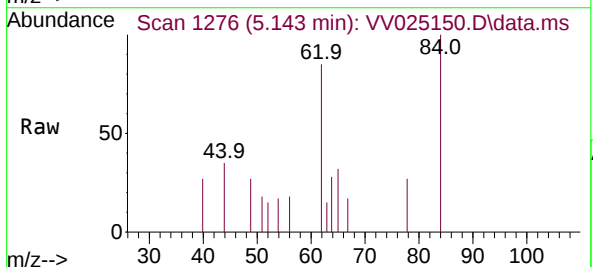
Instrument :
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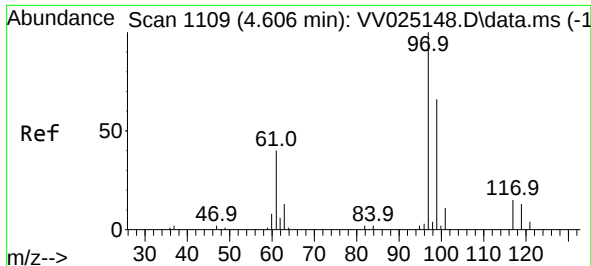
Tgt Ion: 83 Resp: 6151
Ion Ratio Lower Upper
83 100
85 68.2 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.193 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.013 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

Tgt Ion: 62 Resp: 1831
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#





#29

1,1,1-Trichloroethane

Concen: 0.587 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV025150.D

Acq: 24 Mar 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

BFY34

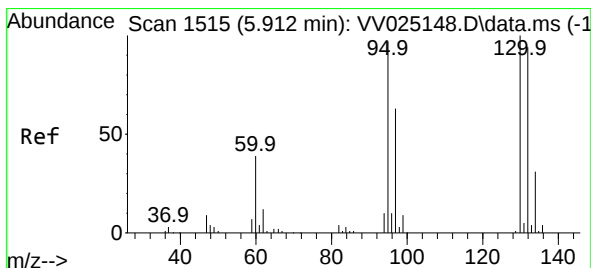
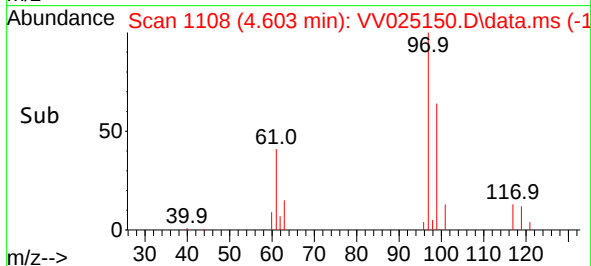
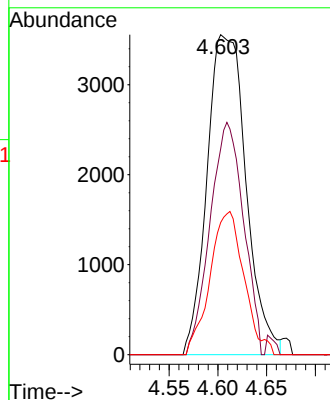
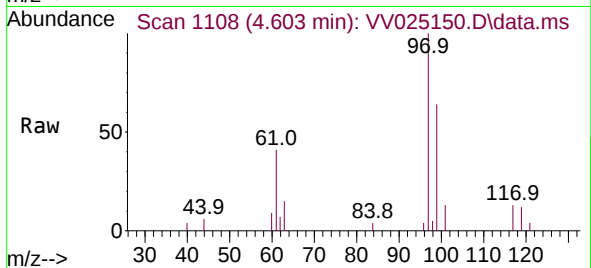
Tgt Ion: 97 Resp: 9902

Ion Ratio Lower Upper

97 100

99 62.2 50.7 76.1

61 39.0 32.4 48.6



#34

Trichloroethene

Concen: 0.532 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV025150.D

Acq: 24 Mar 2022 14:53

Tgt Ion: 95 Resp: 6102

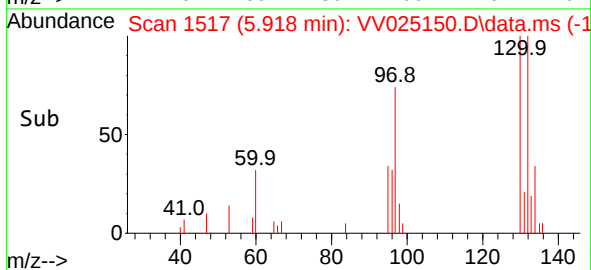
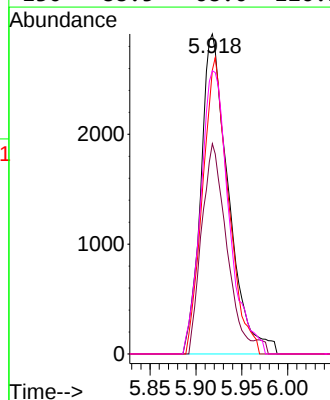
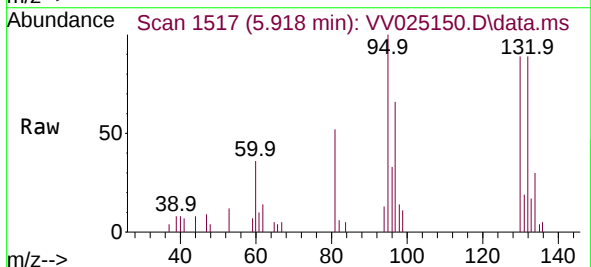
Ion Ratio Lower Upper

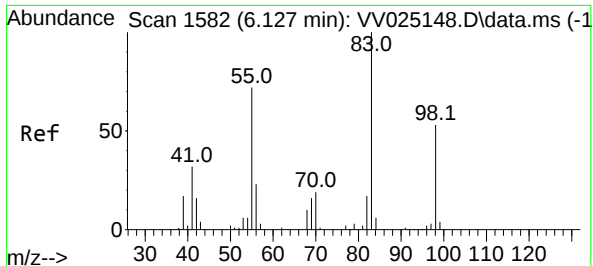
95 100

97 65.7 44.5 82.7

132 88.7 66.5 123.5

130 88.5 68.0 126.2





#35

Methylcyclohexane

Concen: 0.909 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025150.D

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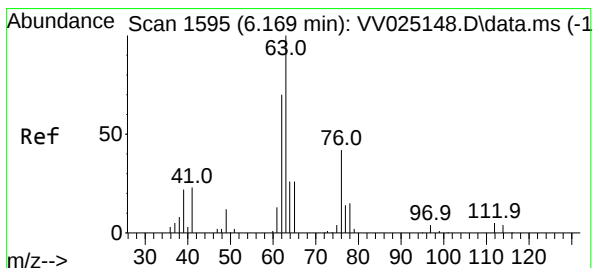
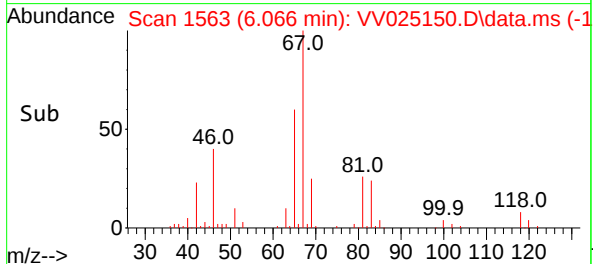
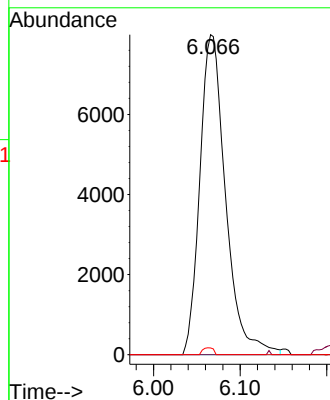
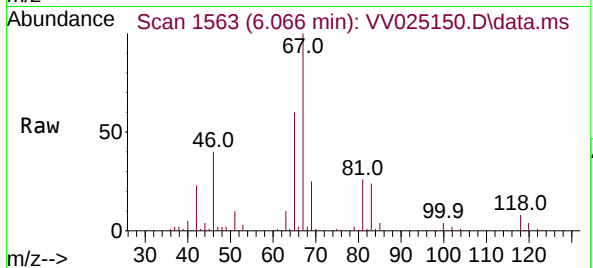
Tgt Ion: 83 Resp: 16487

Ion Ratio Lower Upper

83 100

55 2.9 55.4 83.0#

98 0.9 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.682 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV025150.D

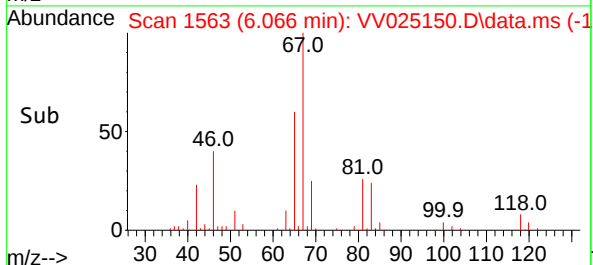
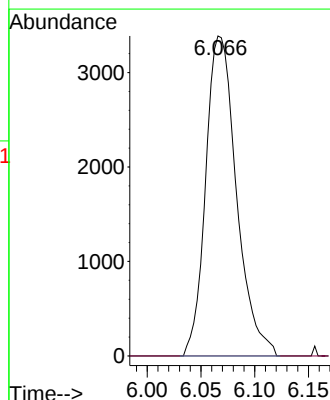
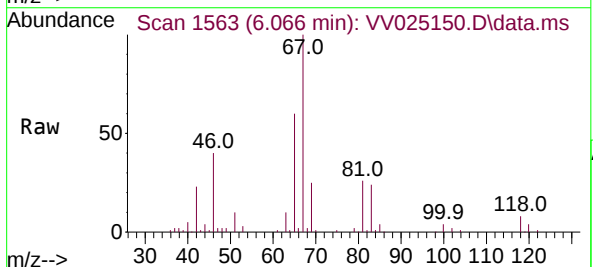
Acq: 24 Mar 2022 14:53

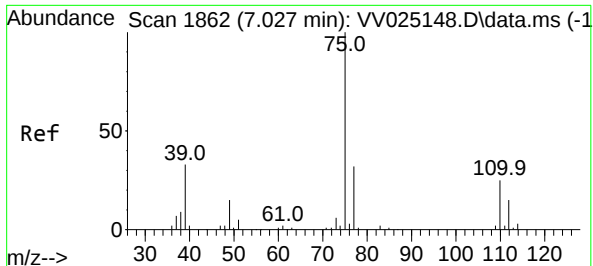
Tgt Ion: 63 Resp: 6750

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

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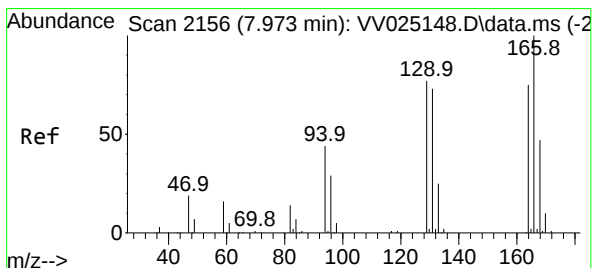
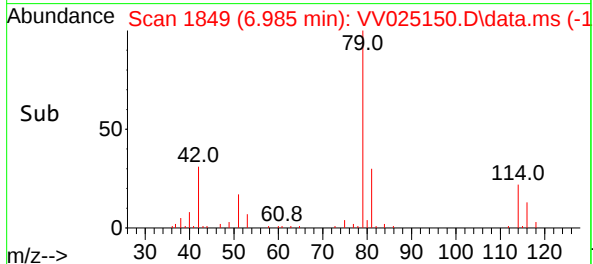
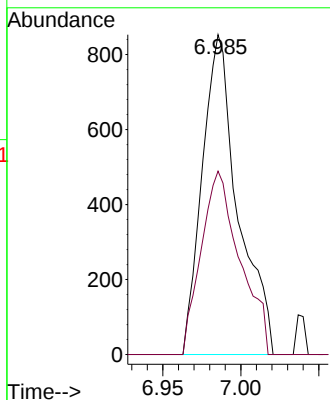
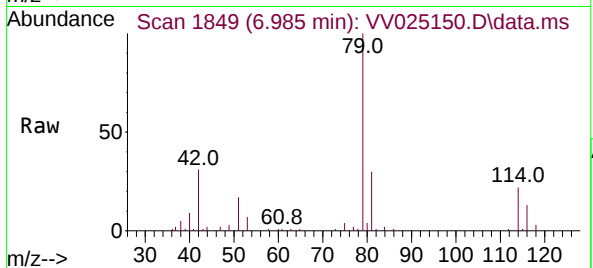
BFY34

Tgt Ion: 75 Resp: 1357

Ion Ratio Lower Upper

75 100

77 57.3 23.0 42.8#



#47

Tetrachloroethene

Concen: 0.976 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025150.D

Acq: 24 Mar 2022 14:53

Tgt Ion:164 Resp: 7869

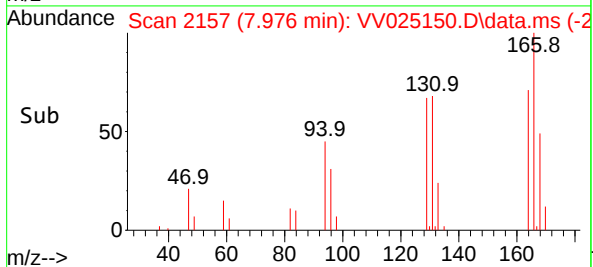
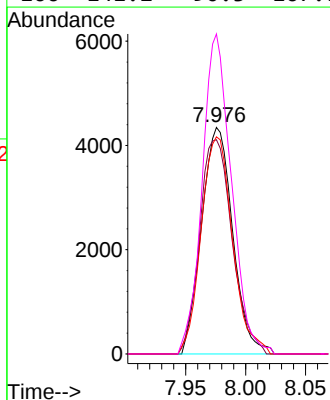
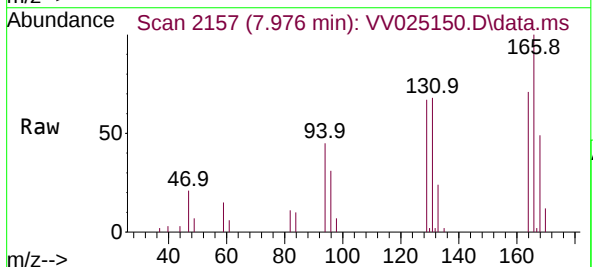
Ion Ratio Lower Upper

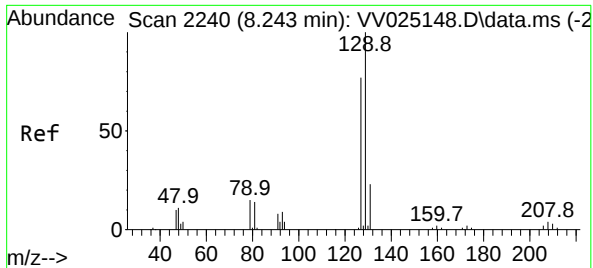
164 100

129 94.5 70.3 130.7

131 95.8 69.4 129.0

166 141.2 90.3 167.7

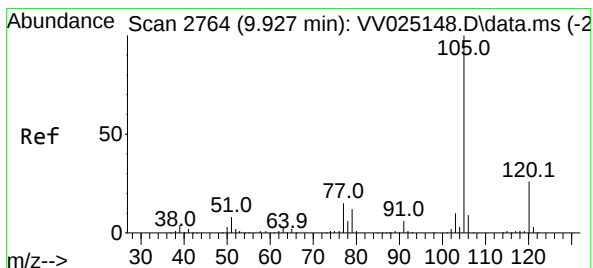
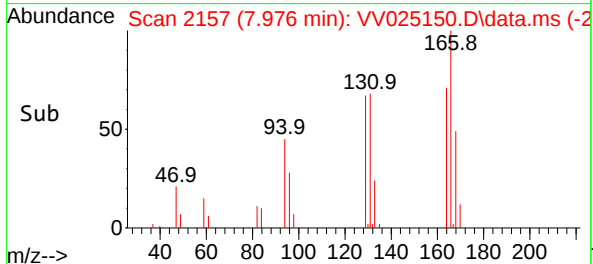
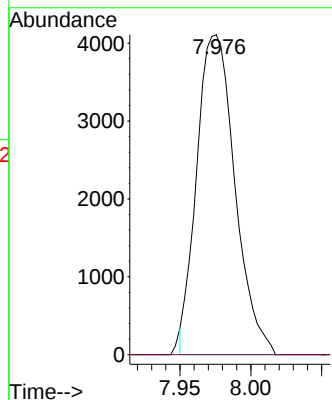
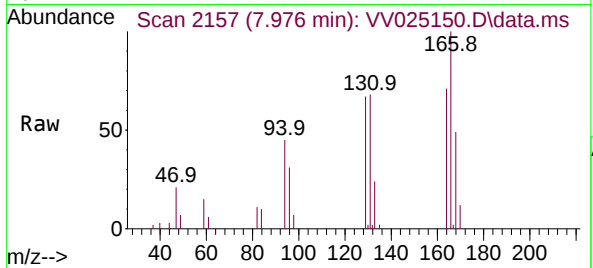




#49
Dibromochloromethane
Concen: 1.040 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

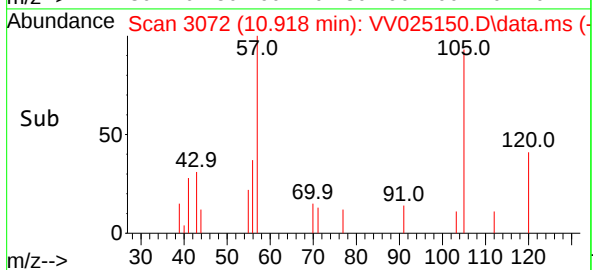
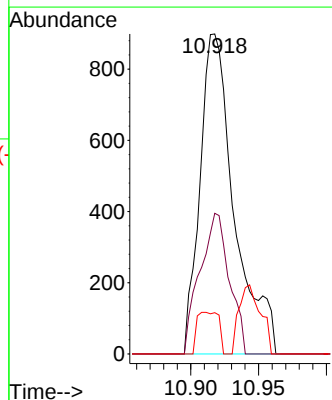
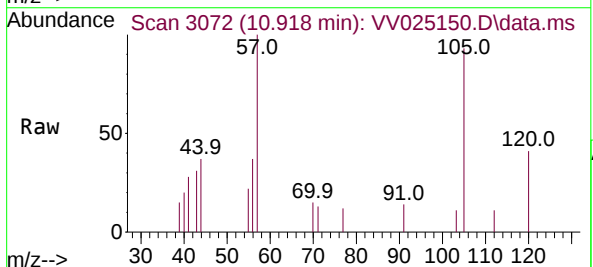
Instrument :
MSVOA_V
ClientSampleId :
BFY34

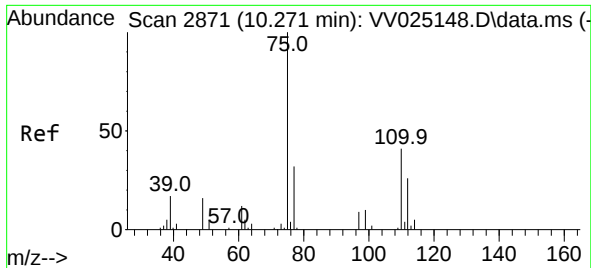
Tgt Ion:129 Resp: 7692
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#



#60
Isopropylbenzene
Concen: 0.032 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.990 min
Lab File: VV025150.D
Acq: 24 Mar 2022 14:53

Tgt Ion:105 Resp: 1586
Ion Ratio Lower Upper
105 100
120 37.6 20.7 31.1#
77 8.3 12.2 18.2#





#61

1,2,3-Trichloropropane

Concen: 1.440 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025150.D

Acq: 24 Mar 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

BFY34

Tgt Ion: 75 Resp: 8035

Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5

110 0.8 31.2 46.8#

