

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027822.D
 Acq On : 14 Sep 2022 12:18
 Operator : SY/MD
 Sample : N4546-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG6H5

Quant Time: Sep 15 02:49:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

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

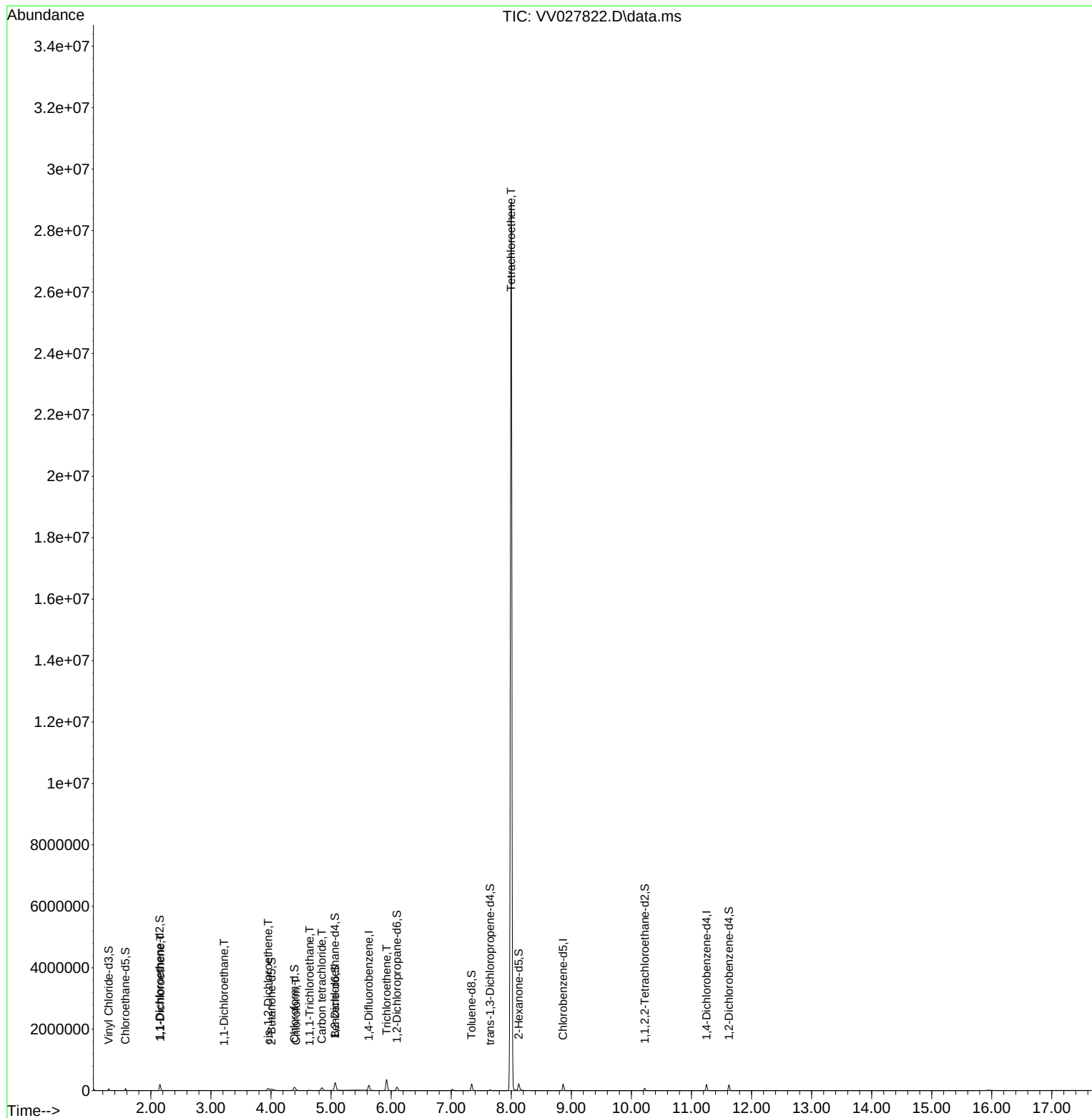
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	148807	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.863	117	117953	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.249	152	54982	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	42159	4.298	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.577	69	40390	4.854	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.146	63	89767	4.313	ug/L	0.04
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.200%	
20) 2-Butanone-d5	4.008	46	110179	50.684	ug/L	0.11
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.360%	
24) Chloroform-d	4.391	84	101994	5.078	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.066	65	58260	5.447	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.069	84	204004	5.962	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.200%	
36) 1,2-Dichloropropane-d6	6.095	67	55627	5.552	ug/L	0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.000%	
41) Toluene-d8	7.339	98	147193	5.115	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
43) trans-1,3-Dichloroprop...	7.648	79	15349	4.567	ug/L	0.03
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.124	63	72660	58.157	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.320%	
56) 1,1,2,2-Tetrachloroeth...	10.223	84	34249	5.323	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51985	5.756	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.159	96	30187	3.061	ug/L	93
19) 1,1-Dichloroethane	3.220	63	2746	0.140	ug/L	95
22) cis-1,2-Dichloroethene	3.953	96	33643	2.964	ug/L #	91
25) Chloroform	4.416	83	13592	0.627	ug/L	88
29) 1,1,1-Trichloroethane	4.645	97	6971	0.384	ug/L	96
31) Carbon tetrachloride	4.847	117	63172	4.098	ug/L	98
34) Trichloroethene	5.924	95	125973	12.920	ug/L	96
47) Tetrachloroethene	7.998	164	6520293	833.291	ug/L	97

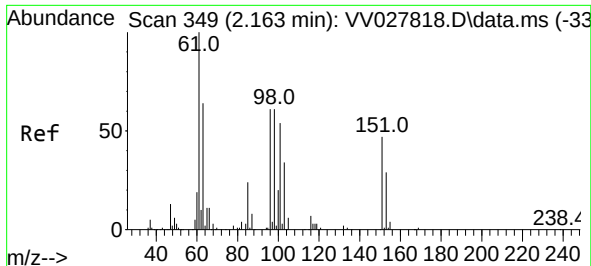
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 15 02:47:38 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.061 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.045 min

Lab File: VV027822.D

Acq: 14 Sep 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

BG6H5

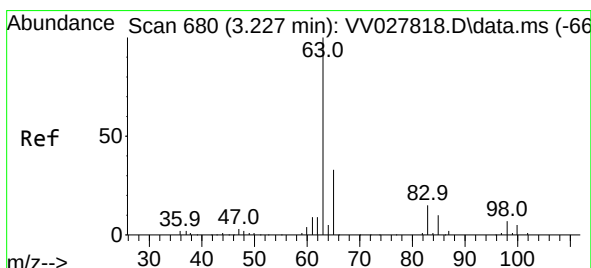
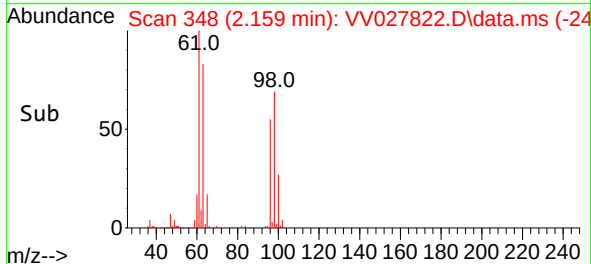
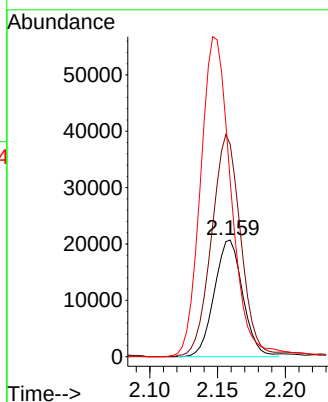
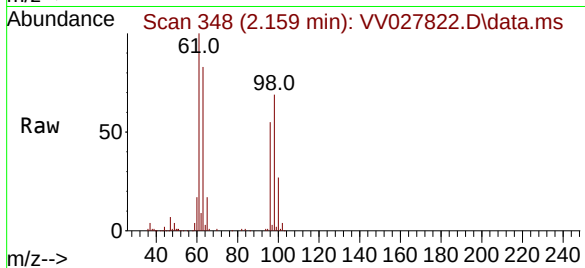
Tgt Ion: 96 Resp: 30187

Ion Ratio Lower Upper

96 100

61 182.0 129.9 241.3

63 150.5 94.6 175.8



#19

1,1-Dichloroethane

Concen: 0.140 ug/L

RT: 3.220 min Scan# 678

Delta R.T. 0.035 min

Lab File: VV027822.D

Acq: 14 Sep 2022 12:18

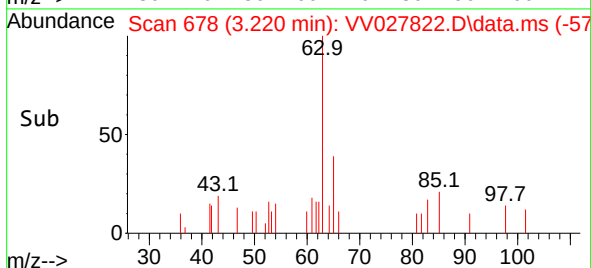
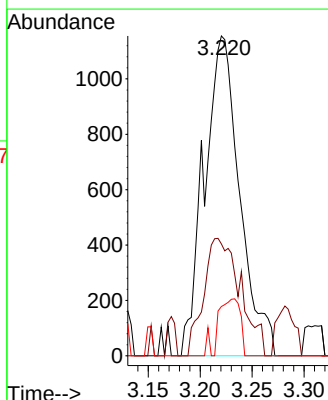
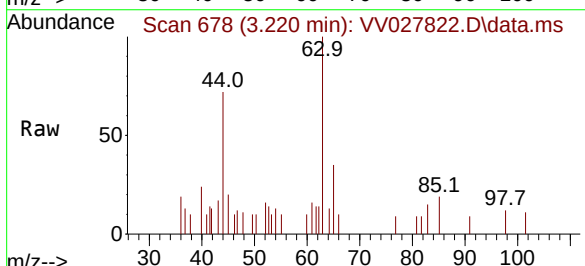
Tgt Ion: 63 Resp: 2746

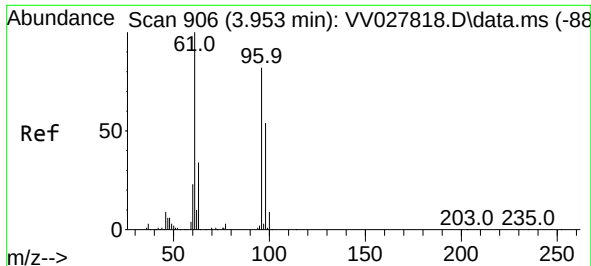
Ion Ratio Lower Upper

63 100

65 35.0 22.0 41.0

83 15.4 10.1 18.9

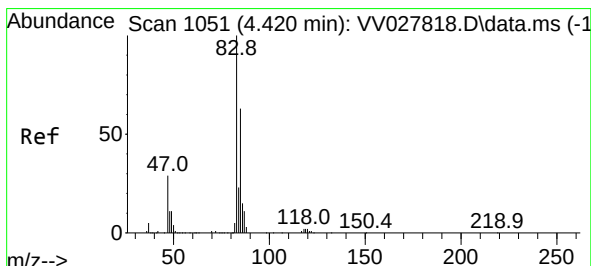
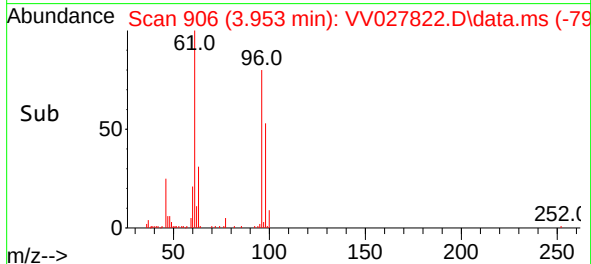
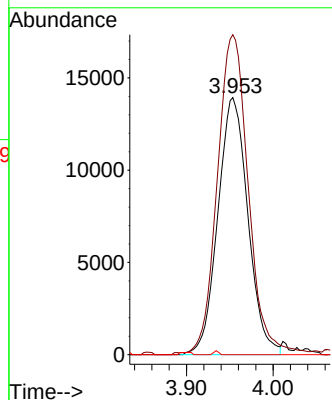
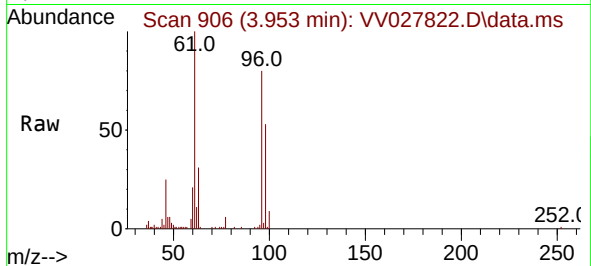




#22
 cis-1,2-Dichloroethene
 Concen: 2.964 ug/L
 RT: 3.953 min Scan# 906
 Delta R.T. 0.048 min
 Lab File: VV027822.D
 Acq: 14 Sep 2022 12:18

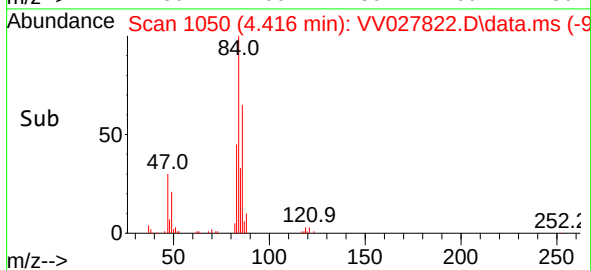
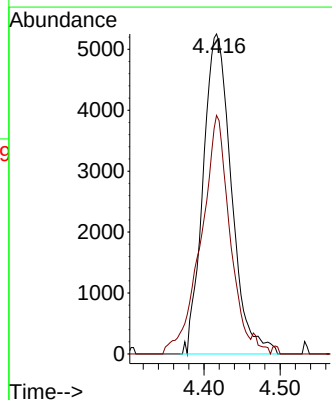
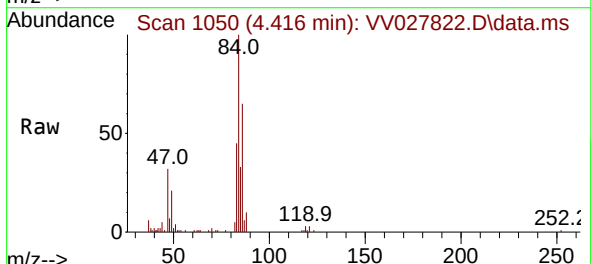
Instrument :
 MSVOA_V
 ClientSampleId :
 BG6H5

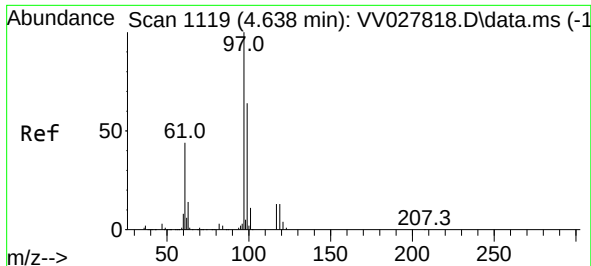
Tgt Ion: 96 Resp: 33643
 Ion Ratio Lower Upper
 96 100
 61 124.5 94.6 175.6
 68 0.0 0.3 0.5#



#25
 Chloroform
 Concen: 0.627 ug/L
 RT: 4.416 min Scan# 1050
 Delta R.T. 0.048 min
 Lab File: VV027822.D
 Acq: 14 Sep 2022 12:18

Tgt Ion: 83 Resp: 13592
 Ion Ratio Lower Upper
 83 100
 85 74.6 45.4 84.2





#29

1,1,1-Trichloroethane

Concen: 0.384 ug/L

RT: 4.645 min Scan# 1119

Delta R.T. 0.042 min

Lab File: VV027822.D

Acq: 14 Sep 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

BG6H5

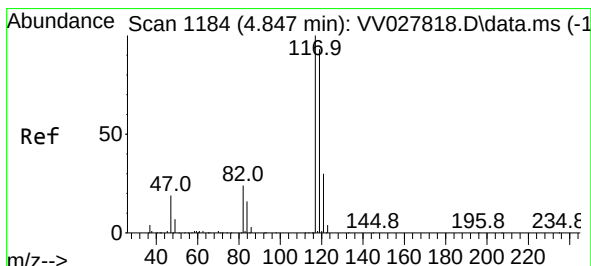
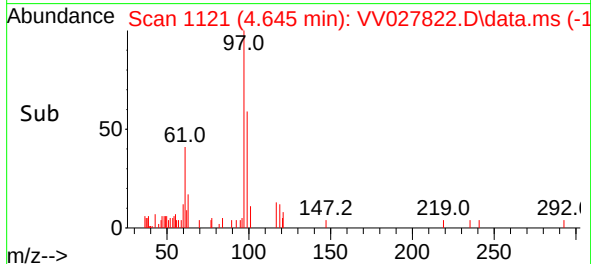
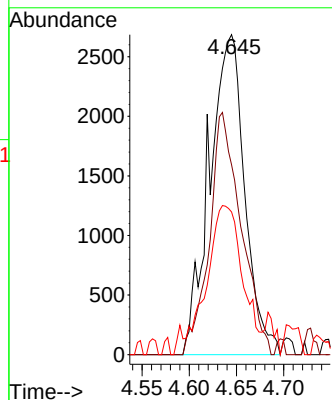
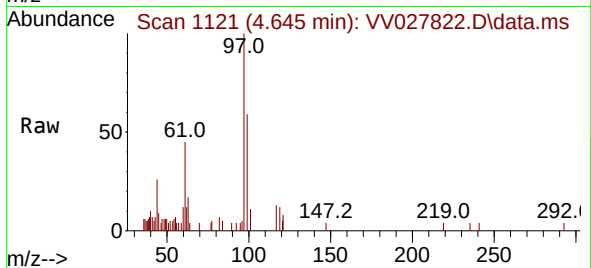
Tgt Ion: 97 Resp: 6971

Ion Ratio Lower Upper

97 100

99 68.0 50.8 76.2

61 46.7 36.2 54.4



#31

Carbon tetrachloride

Concen: 4.098 ug/L

RT: 4.847 min Scan# 1184

Delta R.T. 0.026 min

Lab File: VV027822.D

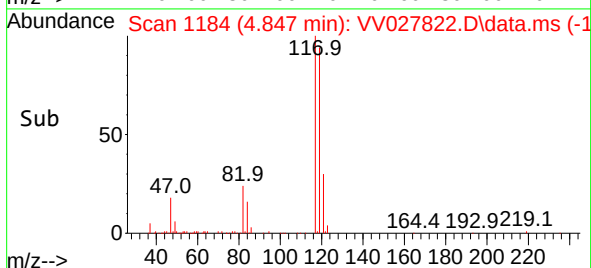
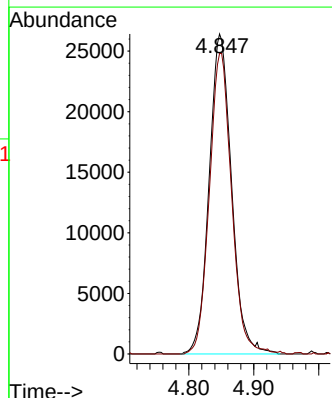
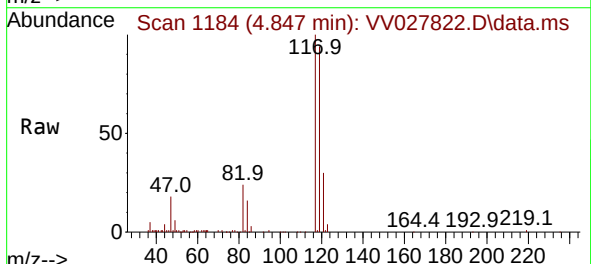
Acq: 14 Sep 2022 12:18

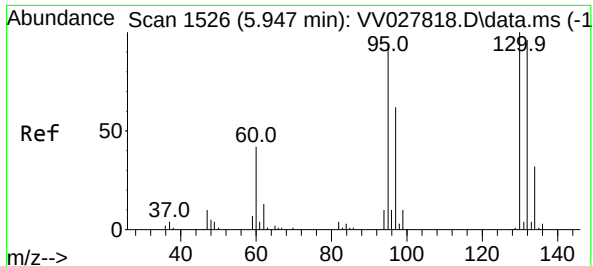
Tgt Ion: 117 Resp: 63172

Ion Ratio Lower Upper

117 100

119 93.3 75.8 113.8





#34

Trichloroethene

Concen: 12.920 ug/L

RT: 5.924 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV027822.D

Acq: 14 Sep 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

BG6H5

Tgt Ion: 95 Resp: 125973

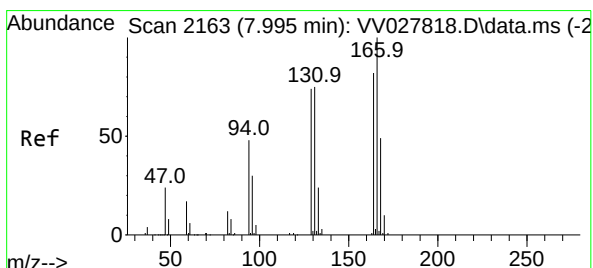
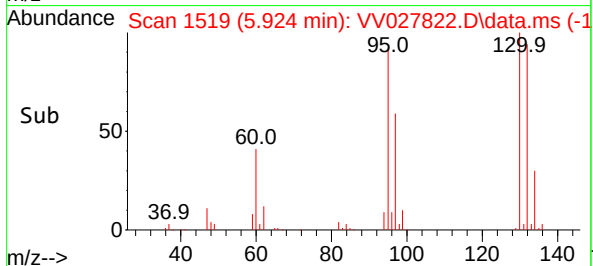
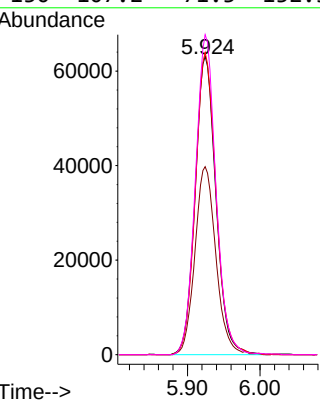
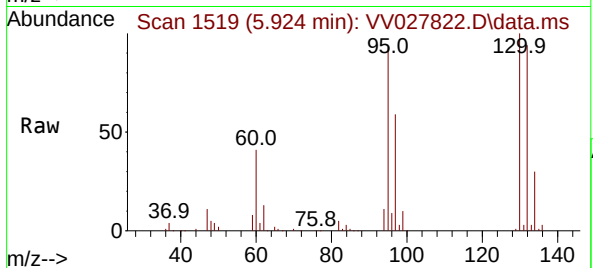
Ion Ratio Lower Upper

95 100

97 63.0 42.9 79.7

132 101.3 67.9 126.1

130 107.2 71.3 132.3



#47

Tetrachloroethene

Concen: 833.291 ug/L

RT: 7.998 min Scan# 2164

Delta R.T. 0.026 min

Lab File: VV027822.D

Acq: 14 Sep 2022 12:18

Tgt Ion:164 Resp: 6520293

Ion Ratio Lower Upper

164 100

129 94.8 67.2 124.8

131 91.9 61.5 114.3

166 125.4 91.1 169.3

