

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW029002.D
 Acq On : 15 Nov 2022 20:34
 Operator : SY/MD
 Sample : N5593-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE2

Quant Time: Nov 16 03:22:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

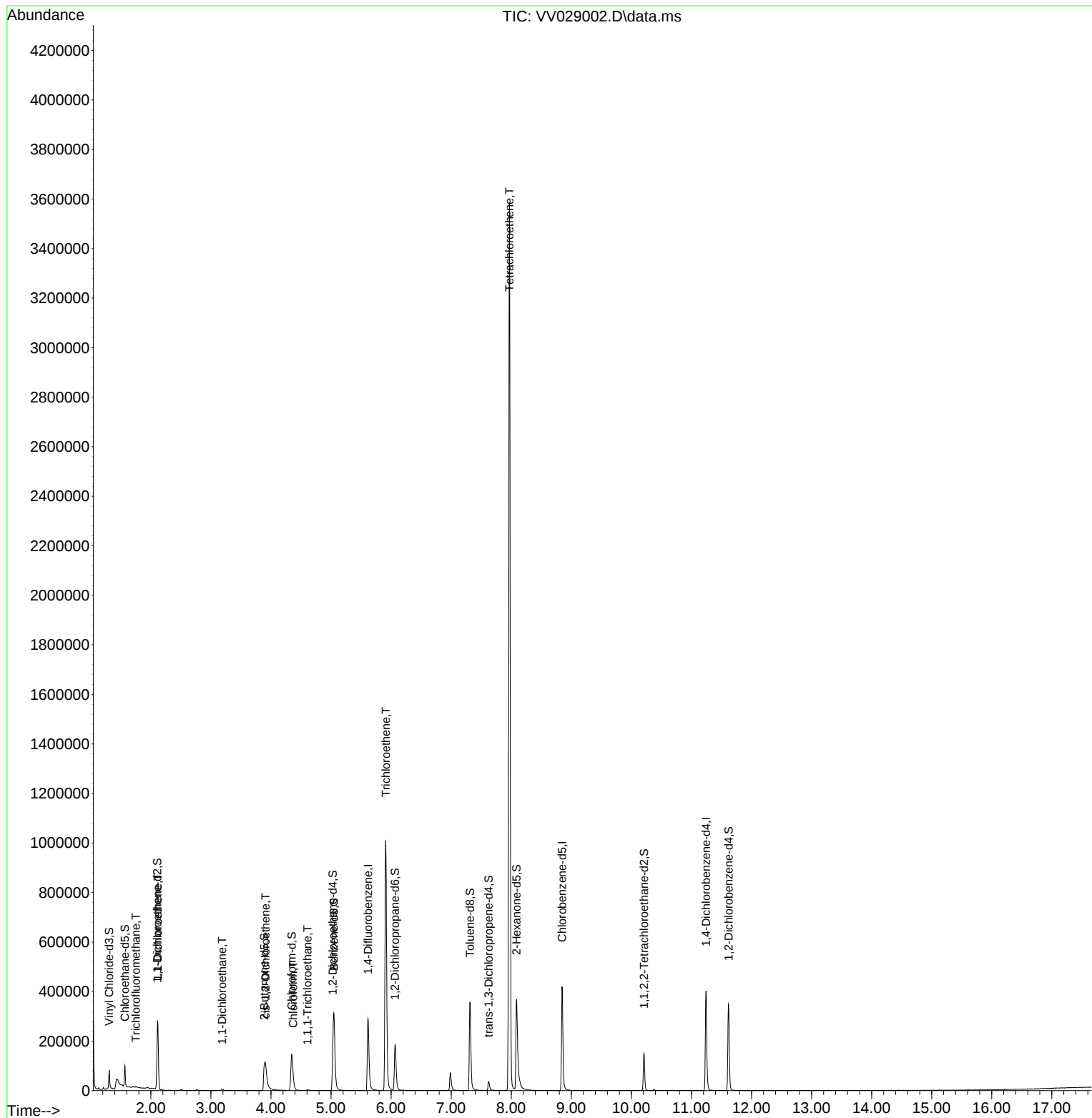
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	281733	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	259202	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	120178	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49486	2.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.568	69	53816	3.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.108	63	102259	3.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.889	46	181748	63.213	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.420%
24) Chloroform-d	4.346	84	158947	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.031	65	75049	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.050	84	307747	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.066	67	96217	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.313	98	263255	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.622	79	26537	3.766	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.088	63	153316	50.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	75209	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	99916	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.751	101	2615	0.087	ug/L	98
12) 1,1-Dichloroethene	2.117	96	57854	3.392	ug/L	91
19) 1,1-Dichloroethane	3.188	63	7292	0.226	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	28409	1.413	ug/L	99
25) Chloroform	4.368	83	12932	0.381	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	2723	0.090	ug/L	90
34) Trichloroethene	5.912	95	364375	17.969	ug/L	97
47) Tetrachloroethene	7.969	164	829062	51.060	ug/L	99

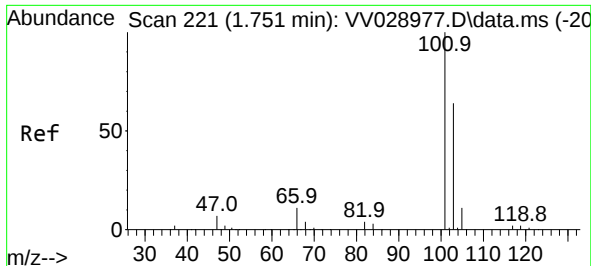
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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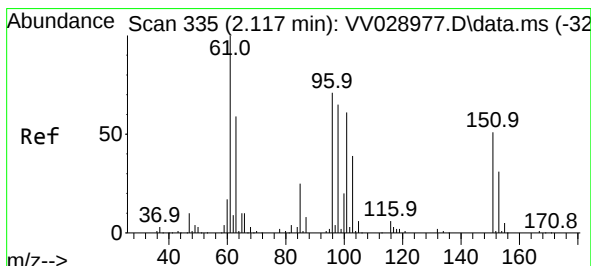
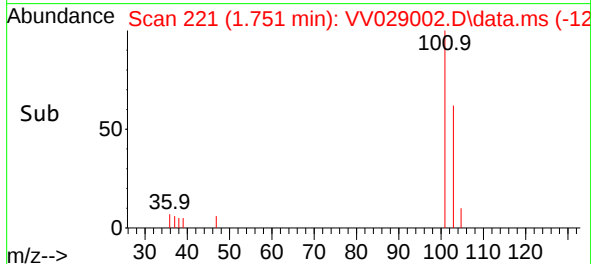
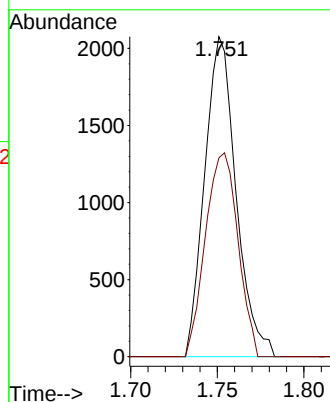
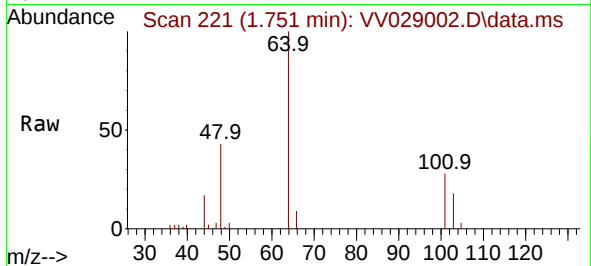




#9
 Trichlorofluoromethane
 Concen: 0.087 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029002.D
 Acq: 15 Nov 2022 20:34

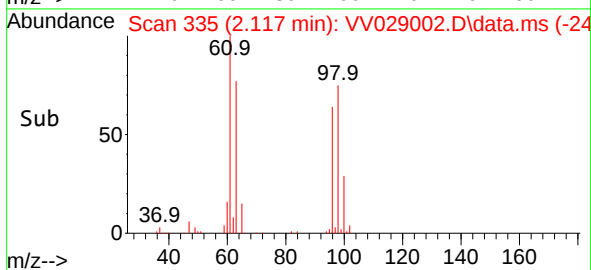
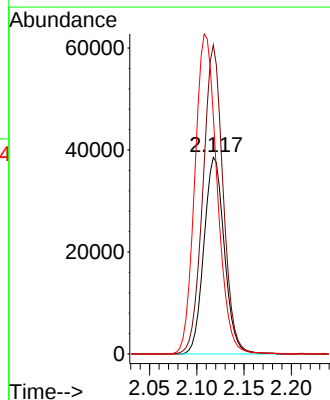
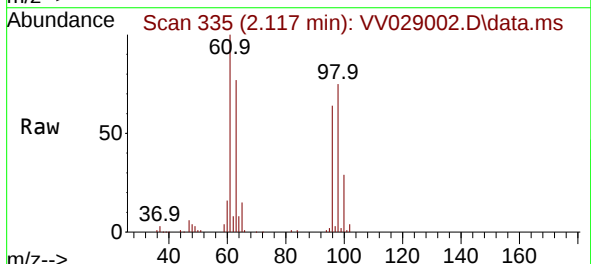
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE2

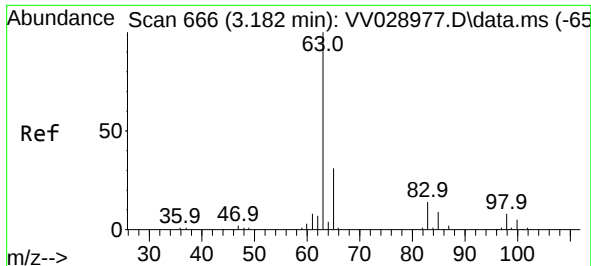
Tgt Ion:101 Resp: 2615
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.3 76.9



#12
 1,1-Dichloroethene
 Concen: 3.392 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV029002.D
 Acq: 15 Nov 2022 20:34

Tgt Ion: 96 Resp: 57854
 Ion Ratio Lower Upper
 96 100
 61 157.1 104.2 193.4
 63 121.2 75.9 140.9





#19

1,1-Dichloroethane

Concen: 0.226 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029002.D

Acq: 15 Nov 2022 20:34

Instrument :

MSVOA_V

ClientSampleId :

H0AE2

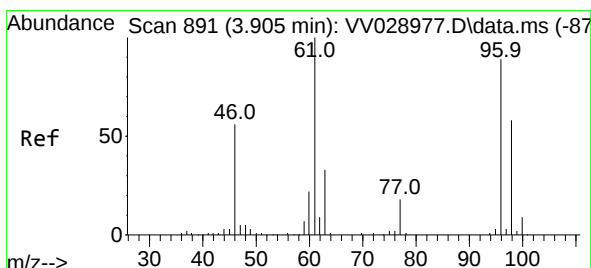
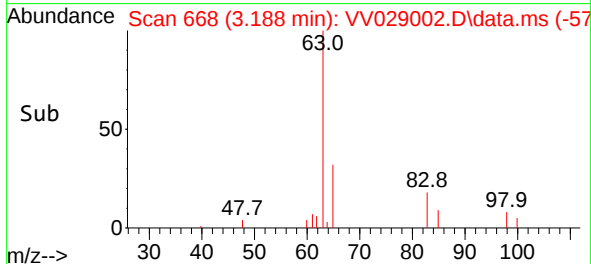
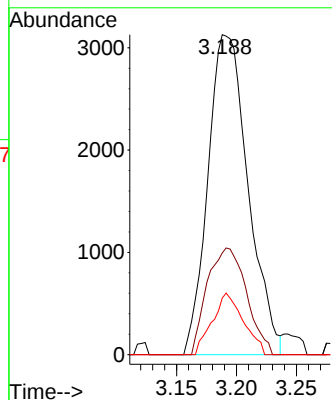
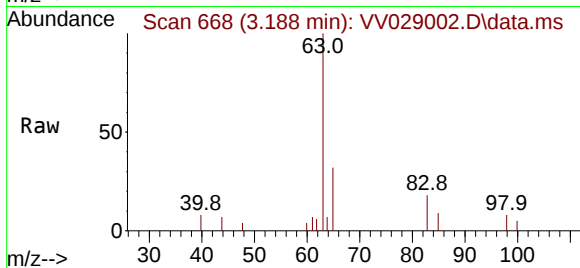
Tgt Ion: 63 Resp: 7292

Ion Ratio Lower Upper

63 100

65 29.6 23.0 42.6

83 16.5 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 1.413 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029002.D

Acq: 15 Nov 2022 20:34

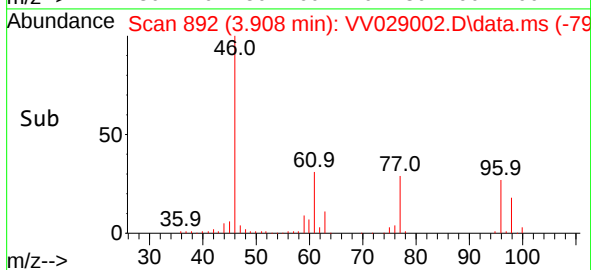
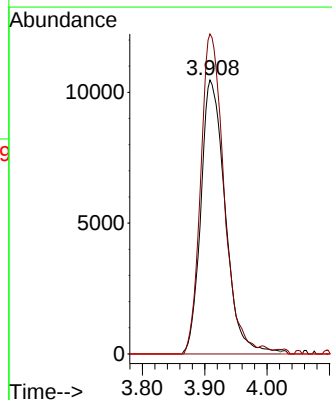
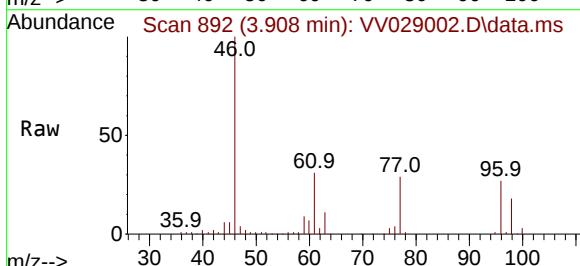
Tgt Ion: 96 Resp: 28409

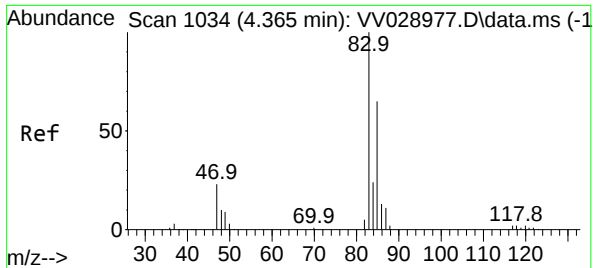
Ion Ratio Lower Upper

96 100

61 116.8 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.381 ug/L

RT: 4.368 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV029002.D

Acq: 15 Nov 2022 20:34

Instrument :

MSVOA_V

ClientSampleId :

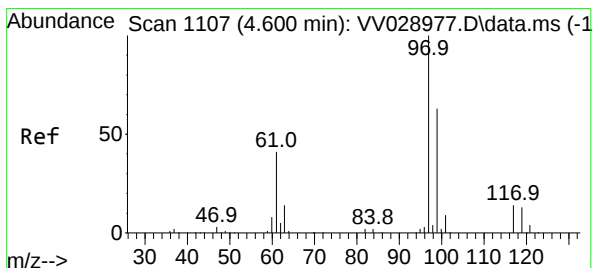
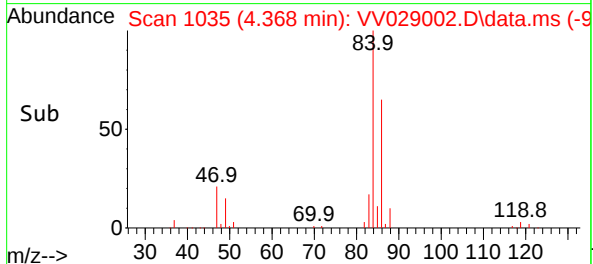
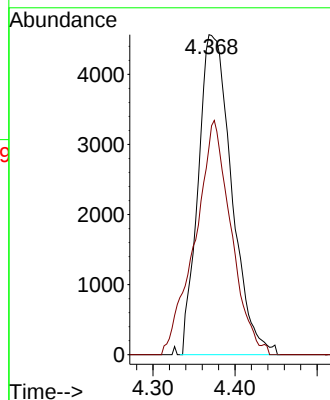
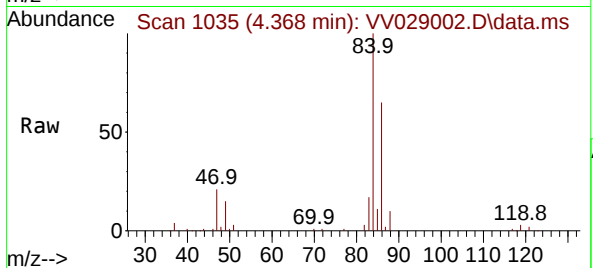
H0AE2

Tgt Ion: 83 Resp: 12932

Ion Ratio Lower Upper

83 100

85 64.9 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.090 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VV029002.D

Acq: 15 Nov 2022 20:34

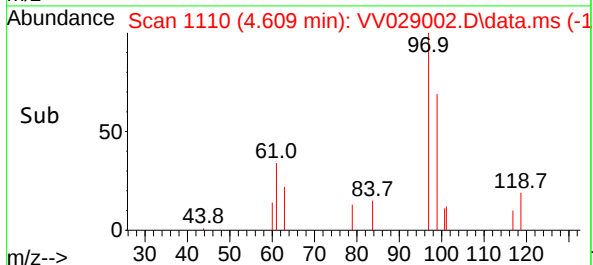
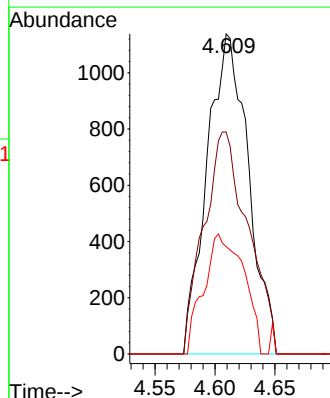
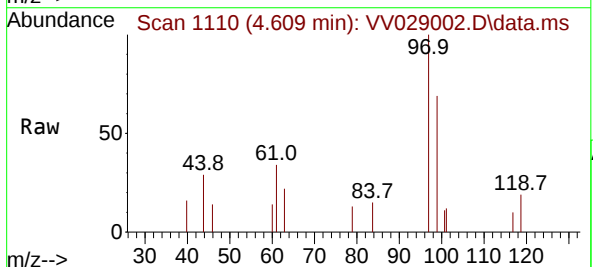
Tgt Ion: 97 Resp: 2723

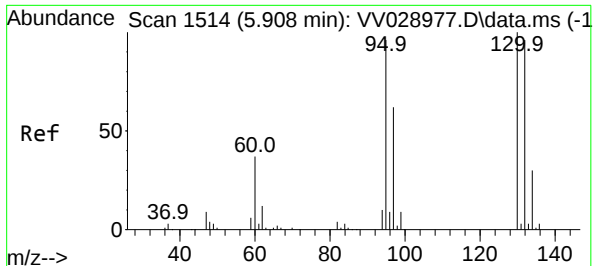
Ion Ratio Lower Upper

97 100

99 74.3 52.7 79.1

61 36.4 33.8 50.6

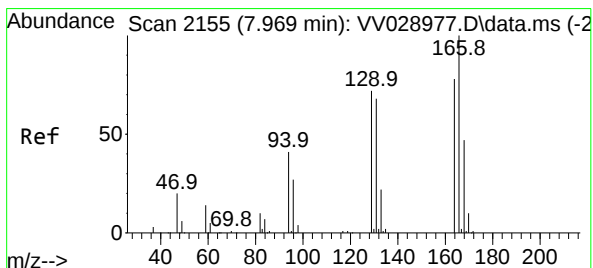
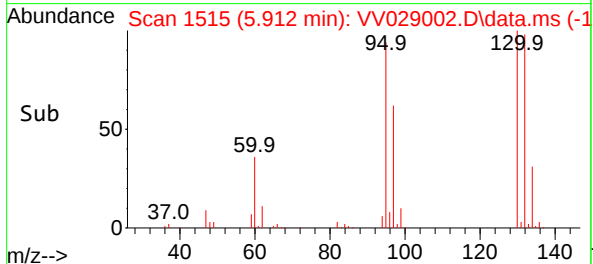
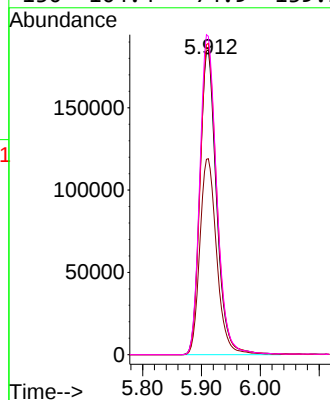
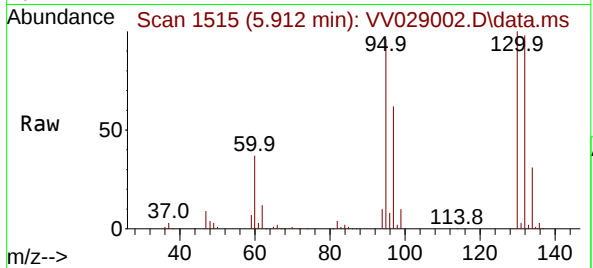




#34
Trichloroethene
Concen: 17.969 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029002.D
Acq: 15 Nov 2022 20:34

Instrument :
MSVOA_V
ClientSampleId :
H0AE2

Tgt Ion: 95 Resp: 364375
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.8
132 102.1 69.1 128.3
130 104.4 74.9 139.1



#47
Tetrachloroethene
Concen: 51.060 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029002.D
Acq: 15 Nov 2022 20:34

Tgt Ion: 164 Resp: 829062
Ion Ratio Lower Upper
164 100
129 90.1 63.9 118.7
131 87.2 61.8 114.8
166 126.8 90.2 167.4

