

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029234.D
 Acq On : 20 Nov 2022 18:53
 Operator : SY/MD
 Sample : N5652-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1M0

Quant Time: Nov 21 01:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

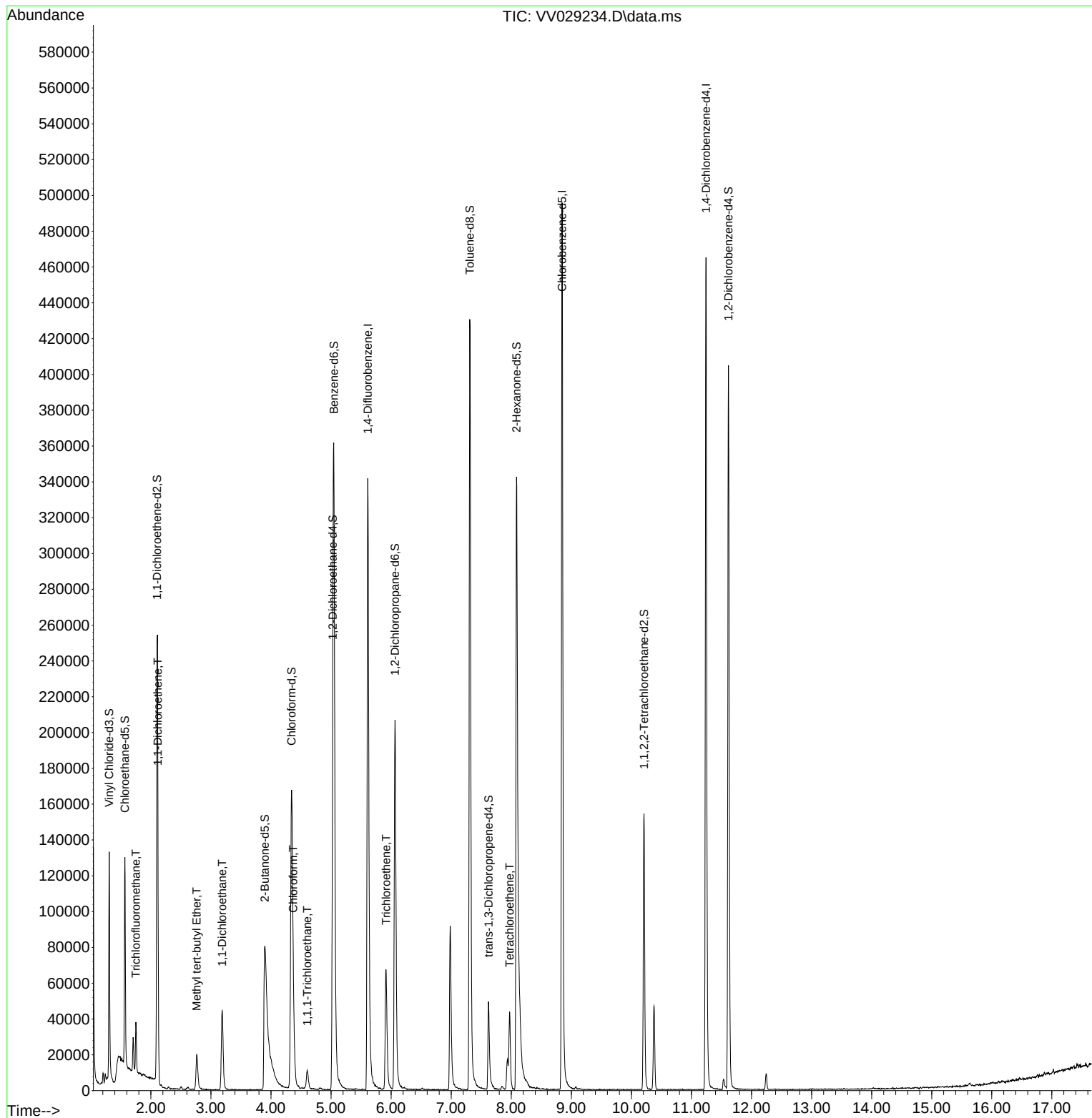
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	323160	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	295557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	135544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89483	4.542	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.568	69	75309	4.348	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.104	63	120498	3.356	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.200%	
20) 2-Butanone-d5	3.895	46	155129	47.038	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.080%	
24) Chloroform-d	4.342	84	178127	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.027	65	81646	4.486	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.046	84	359337	4.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.066	67	109411	4.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.310	98	311820	3.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	7.622	79	32615	4.059	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.088	63	147934	43.136	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.280%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	76652	4.488	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	114660	4.728	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	16040	0.466	ug/L	99
12) 1,1-Dichloroethene	2.117	96	13215	0.676	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	21748	0.519	ug/L	96
19) 1,1-Dichloroethane	3.185	63	46254	1.247	ug/L	97
25) Chloroform	4.371	83	32759	0.842	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	8565	0.247	ug/L	98
34) Trichloroethene	5.915	95	26075	1.128	ug/L	96
47) Tetrachloroethene	7.972	164	10921	0.590	ug/L	94

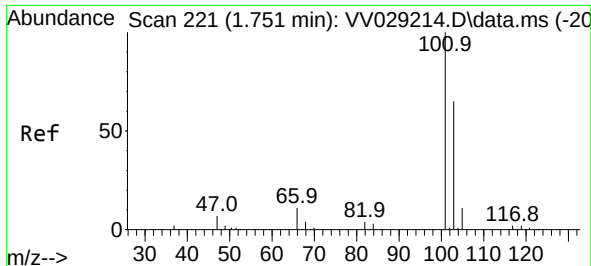
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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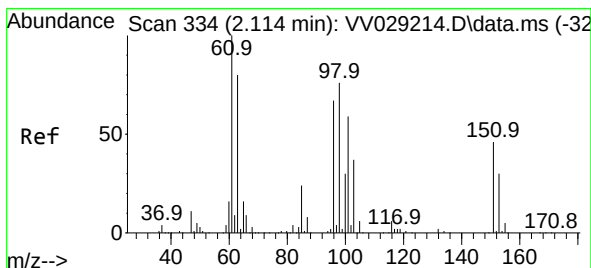
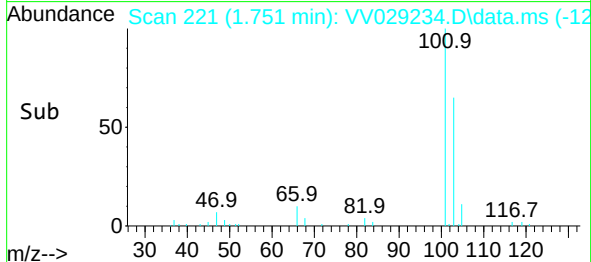
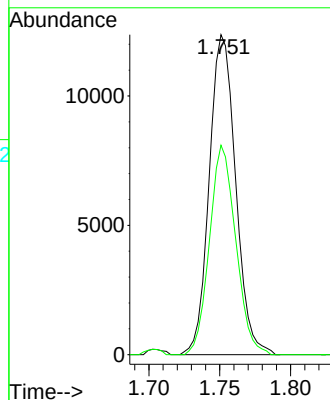
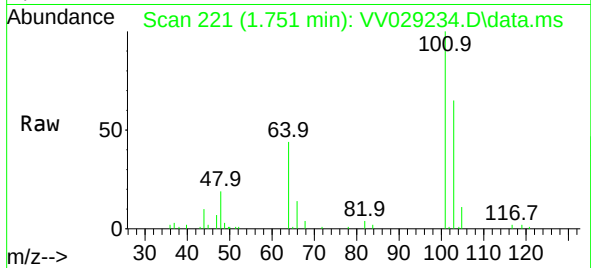




#9
 Trichlorofluoromethane
 Concen: 0.466 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029234.D
 Acq: 20 Nov 2022 18:53

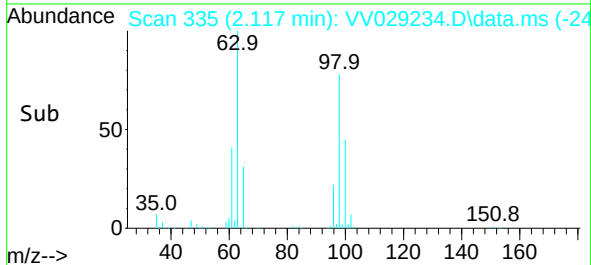
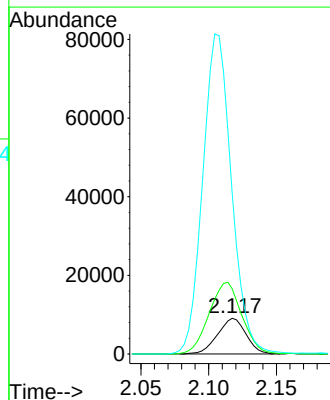
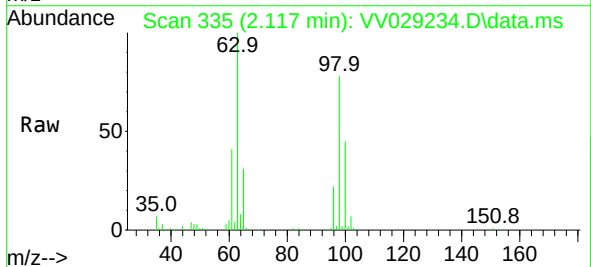
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1M0

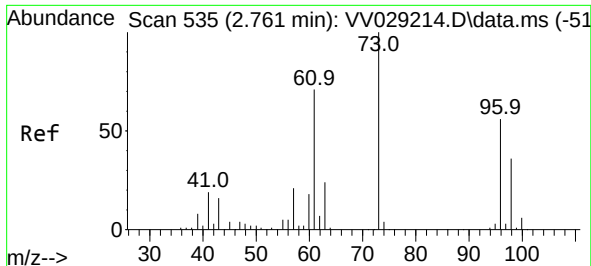
Tgt Ion:101 Resp: 16040
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9



#12
 1,1-Dichloroethene
 Concen: 0.676 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV029234.D
 Acq: 20 Nov 2022 18:53

Tgt Ion: 96 Resp: 13215
 Ion Ratio Lower Upper
 96 100
 61 182.6 104.2 193.4
 63 450.0 75.9 140.9#

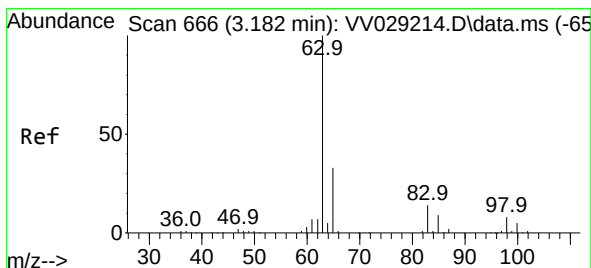
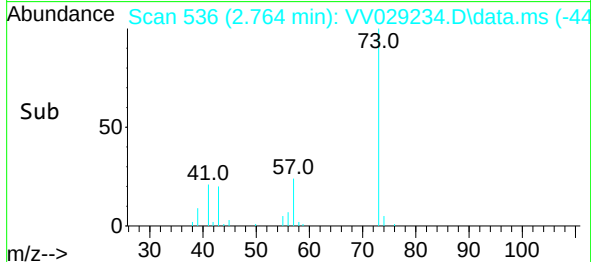
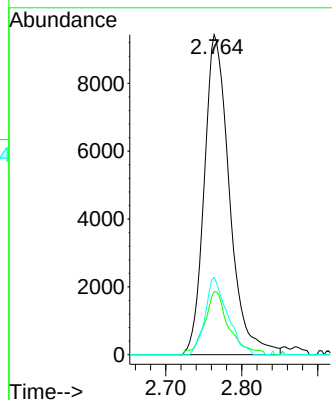
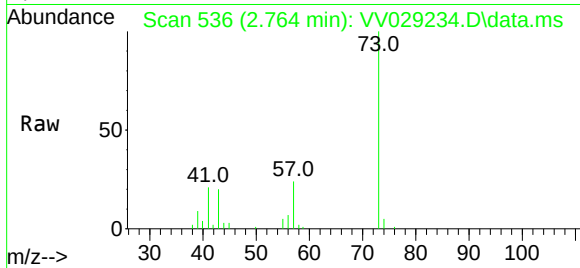




#17
Methyl tert-butyl Ether
Concen: 0.519 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029234.D
Acq: 20 Nov 2022 18:53

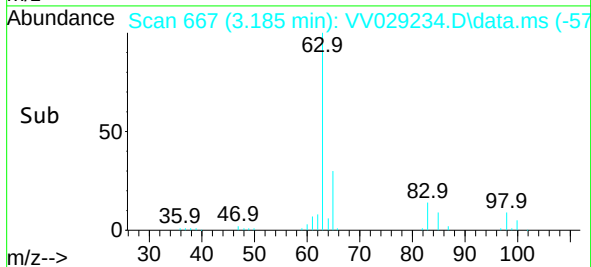
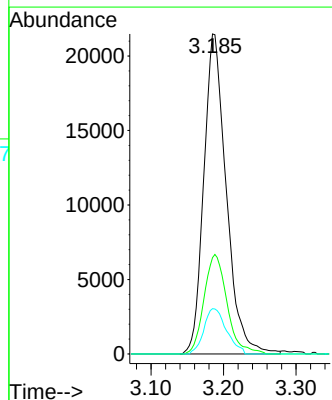
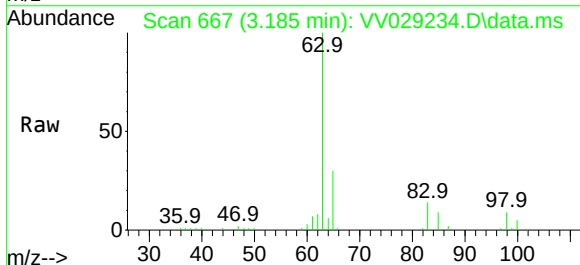
Instrument :
MSVOA_V
ClientSampleId :
BH1M0

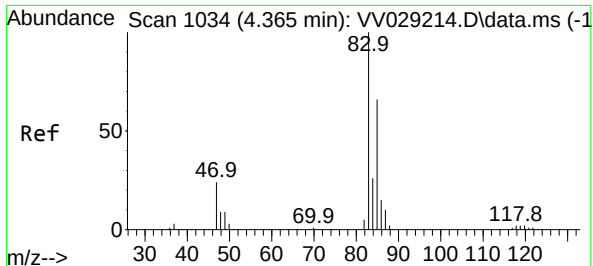
Tgt Ion: 73 Resp: 21748
Ion Ratio Lower Upper
73 100
43 19.0 13.0 19.4
57 21.3 16.6 24.8



#19
1,1-Dichloroethane
Concen: 1.247 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029234.D
Acq: 20 Nov 2022 18:53

Tgt Ion: 63 Resp: 46254
Ion Ratio Lower Upper
63 100
65 30.8 23.0 42.6
83 14.2 9.4 17.6





#25

Chloroform

Concen: 0.842 ug/L

RT: 4.371 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV029234.D

Acq: 20 Nov 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

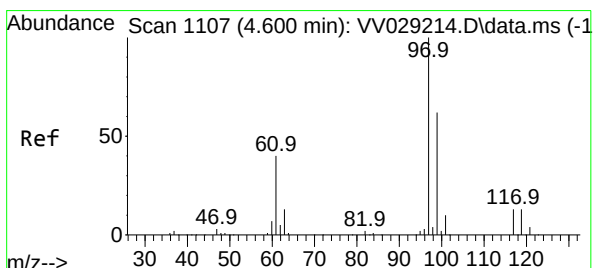
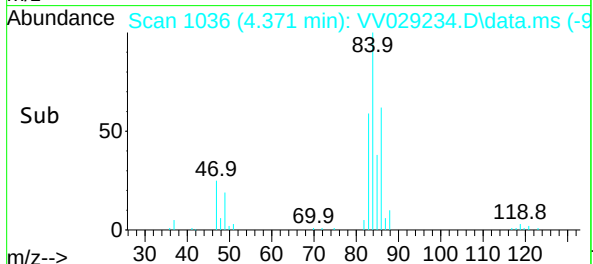
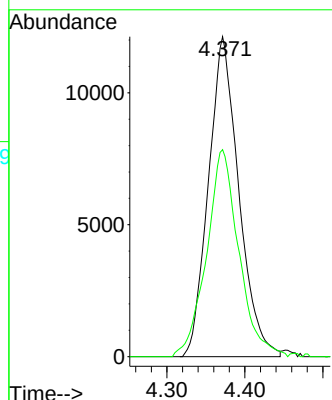
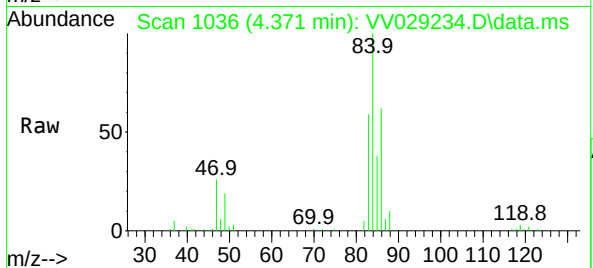
BH1M0

Tgt Ion: 83 Resp: 32759

Ion Ratio Lower Upper

83 100

85 64.7 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.247 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV029234.D

Acq: 20 Nov 2022 18:53

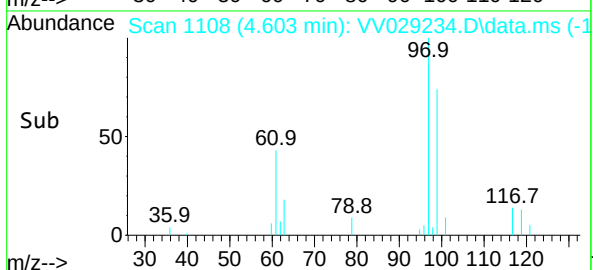
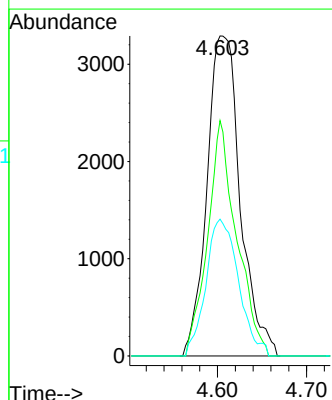
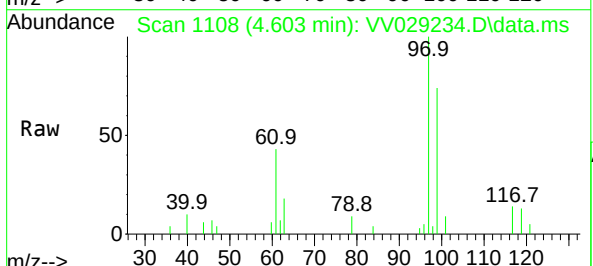
Tgt Ion: 97 Resp: 8565

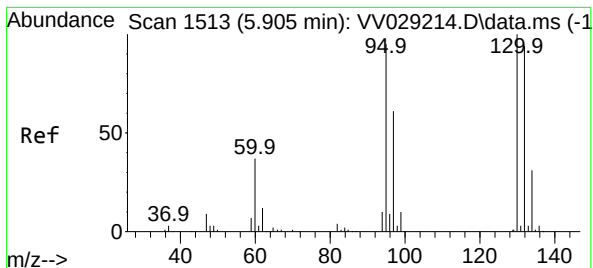
Ion Ratio Lower Upper

97 100

99 63.8 52.7 79.1

61 41.9 33.8 50.6





#34

Trichloroethene

Concen: 1.128 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV029234.D

Acq: 20 Nov 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

BH1M0

Tgt Ion: 95 Resp: 26075

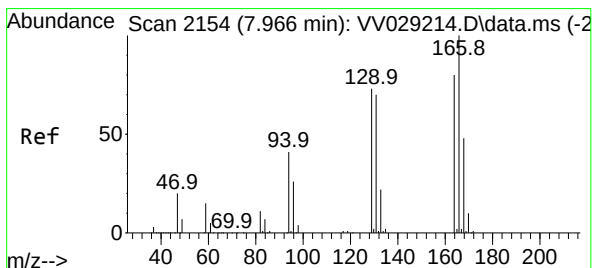
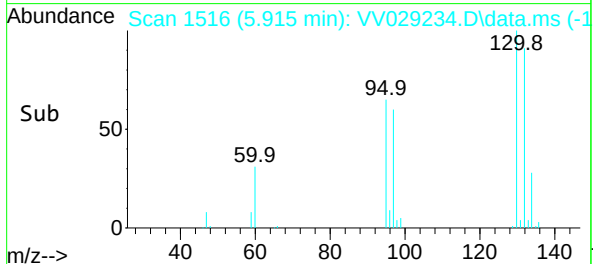
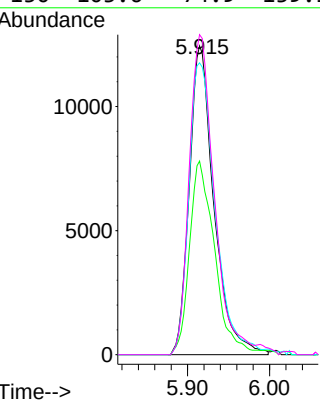
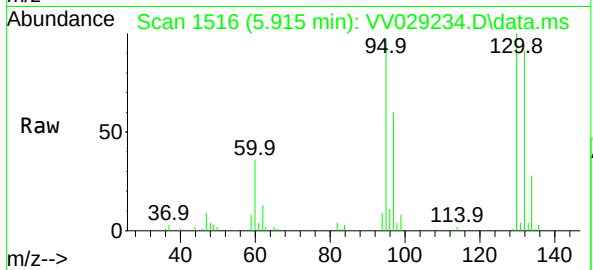
Ion Ratio Lower Upper

95 100

97 62.7 45.6 84.8

132 94.5 69.1 128.3

130 103.6 74.9 139.1



#47

Tetrachloroethene

Concen: 0.590 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV029234.D

Acq: 20 Nov 2022 18:53

Tgt Ion: 164 Resp: 10921

Ion Ratio Lower Upper

164 100

129 83.2 63.9 118.7

131 83.4 61.8 114.8

166 123.7 90.2 167.4

