

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029804.D
 Acq On : 13 Jan 2023 13:30
 Operator : SY/MD
 Sample : 01136-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W3

Quant Time: Jan 13 22:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

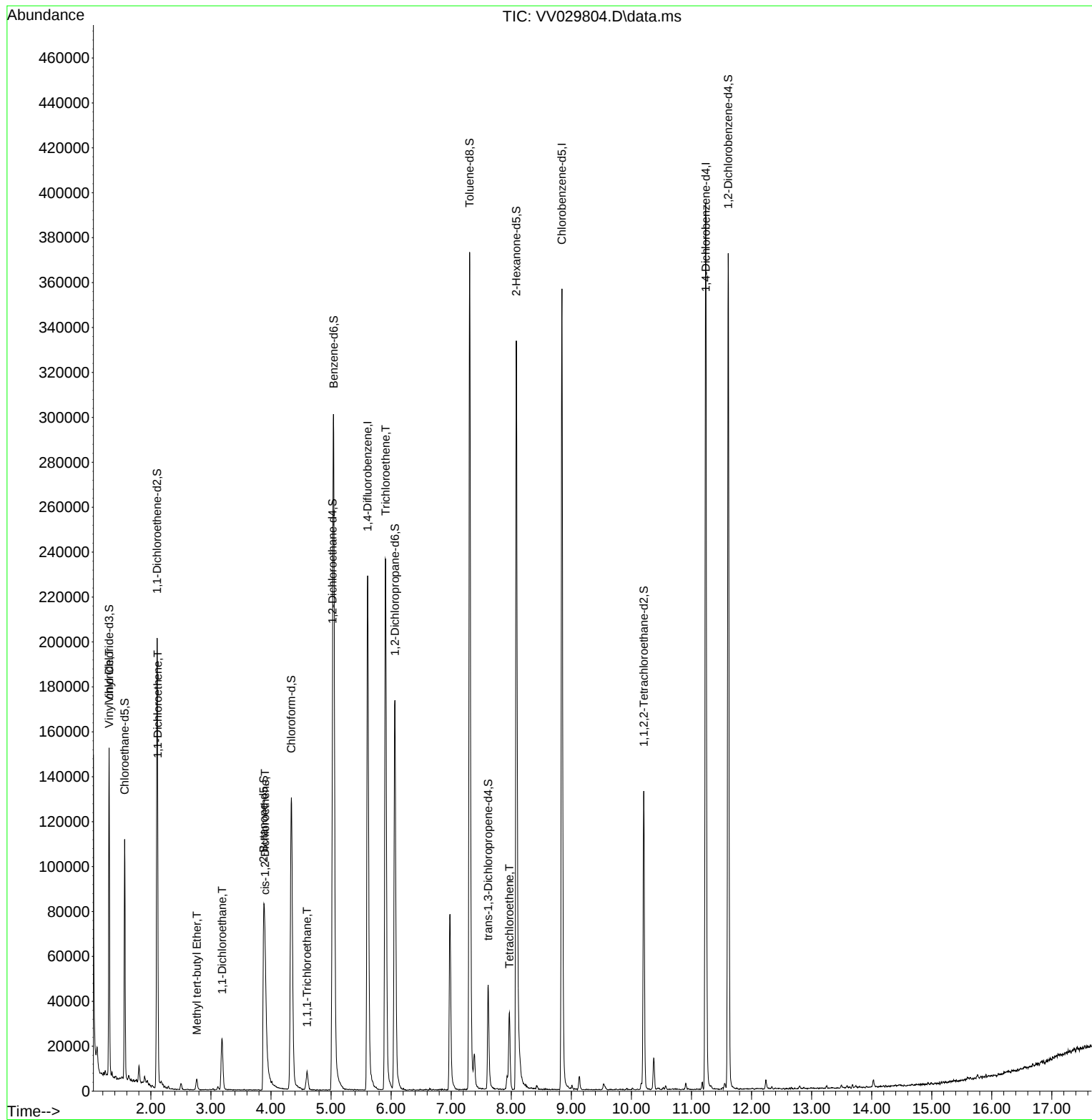
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	217970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	213724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76707	4.640	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.565	69	66705	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.105	63	101164	3.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.880	46	138767	47.356	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.720%
24) Chloroform-d	4.339	84	141851	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.024	65	64735	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.044	84	305783	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.063	67	94801	5.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.307	98	268711	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.616	79	29913	4.414	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.085	63	130930	47.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.920%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67409	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	102060	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	15540	0.742	ug/L	88
12) 1,1-Dichloroethene	2.114	96	4473	0.240	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	3308	0.103	ug/L #	95
19) 1,1-Dichloroethane	3.185	63	24606	0.850	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	12509	0.679	ug/L	87
29) 1,1,1-Trichloroethane	4.600	97	6712	0.242	ug/L	98
34) Trichloroethene	5.908	95	89046	4.973	ug/L	96
47) Tetrachloroethene	7.969	164	8468	0.562	ug/L	97

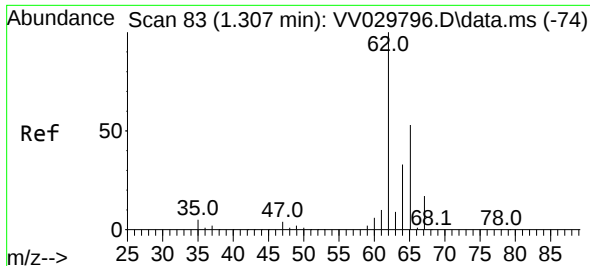
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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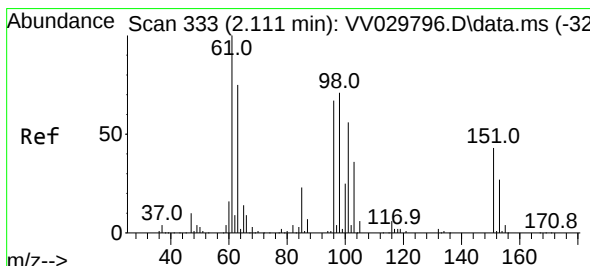
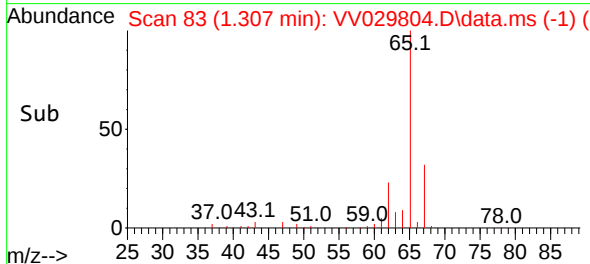
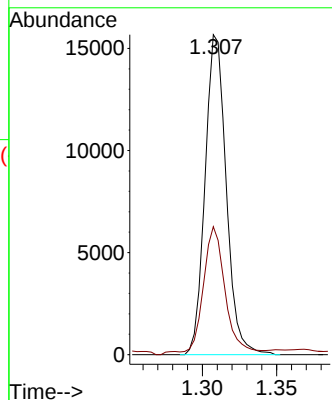
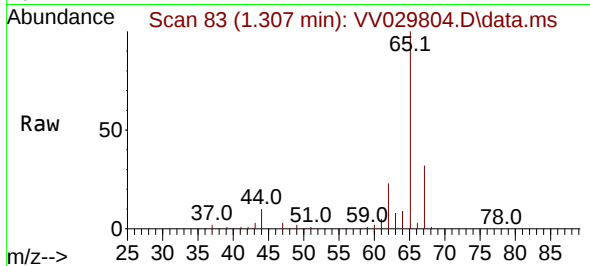




#5
 Vinyl chloride
 Concen: 0.742 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029804.D
 Acq: 13 Jan 2023 13:30

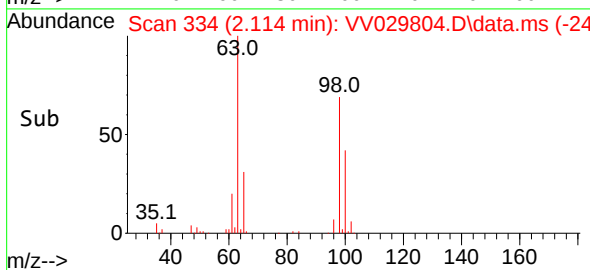
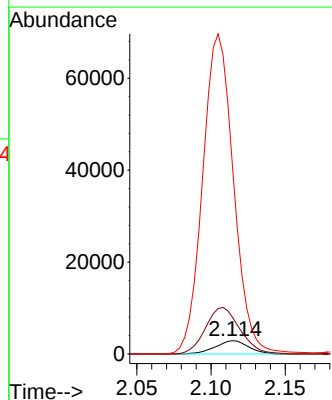
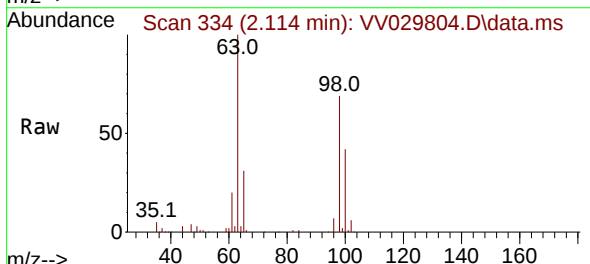
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W3

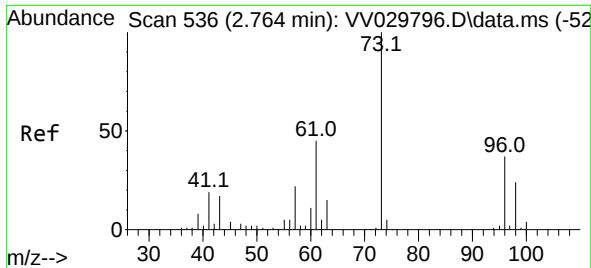
Tgt Ion: 62 Resp: 15540
 Ion Ratio Lower Upper
 62 100
 64 40.0 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 0.240 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029804.D
 Acq: 13 Jan 2023 13:30

Tgt Ion: 96 Resp: 4473
 Ion Ratio Lower Upper
 96 100
 61 277.6 106.1 197.1#
 63 1420.1 76.4 141.8#

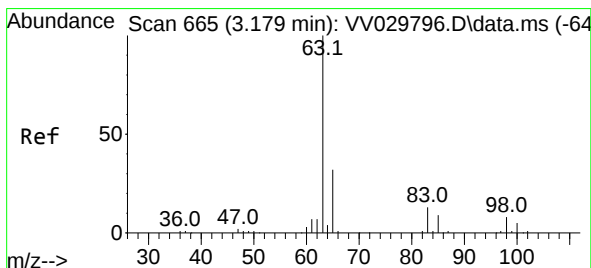
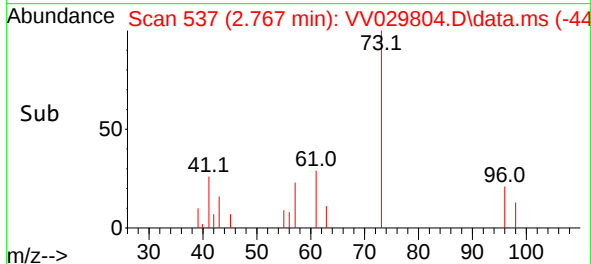
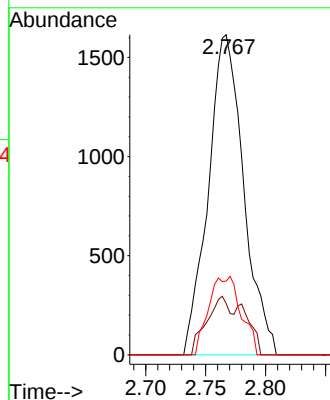
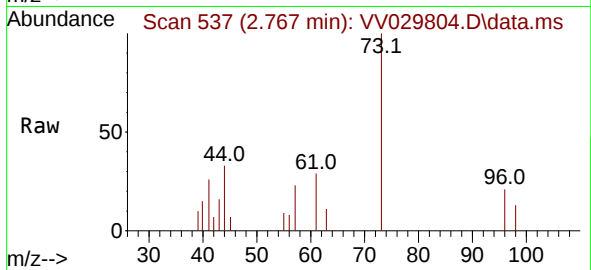




#17
Methyl tert-butyl Ether
Concen: 0.103 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029804.D
Acq: 13 Jan 2023 13:30

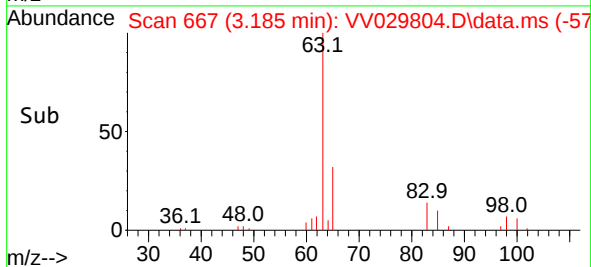
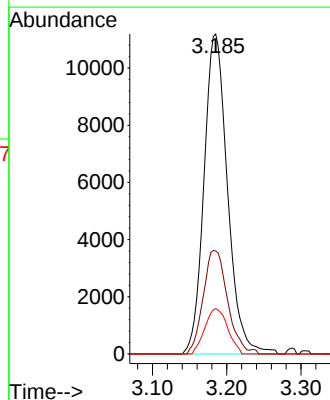
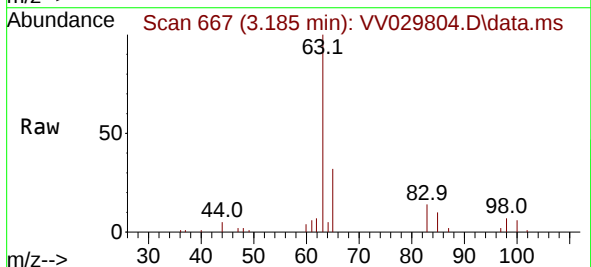
Instrument :
MSVOA_V
ClientSampleId :
BH1W3

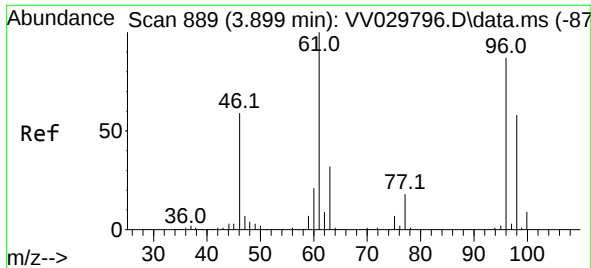
Tgt Ion: 73 Resp: 3308
Ion Ratio Lower Upper
73 100
43 12.8 13.0 19.4#
57 22.3 17.1 25.7



#19
1,1-Dichloroethane
Concen: 0.850 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029804.D
Acq: 13 Jan 2023 13:30

Tgt Ion: 63 Resp: 24606
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 14.2 10.2 19.0

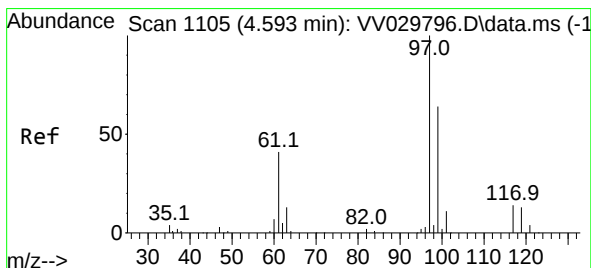
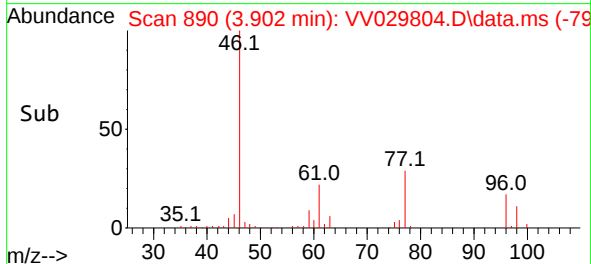
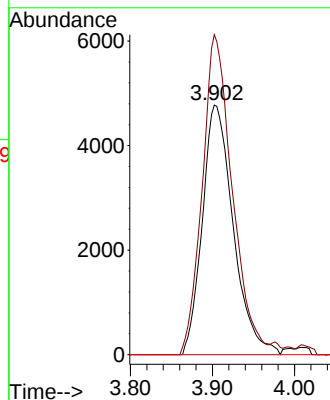
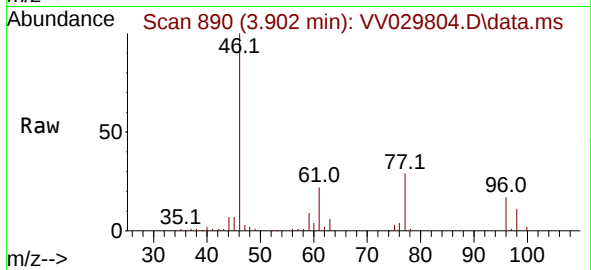




#22
 cis-1,2-Dichloroethene
 Concen: 0.679 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV029804.D
 Acq: 13 Jan 2023 13:30

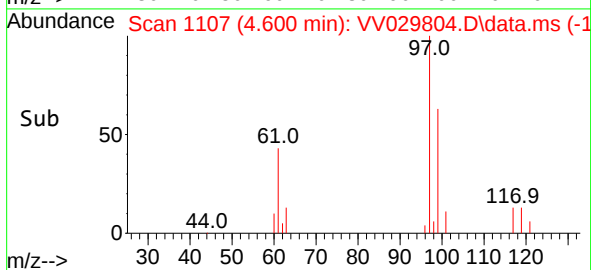
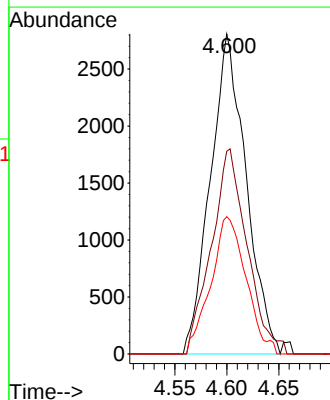
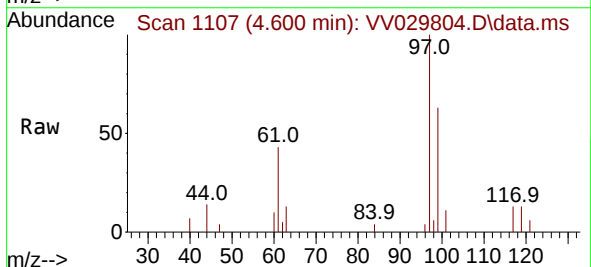
Instrument :
 MSVOA_V
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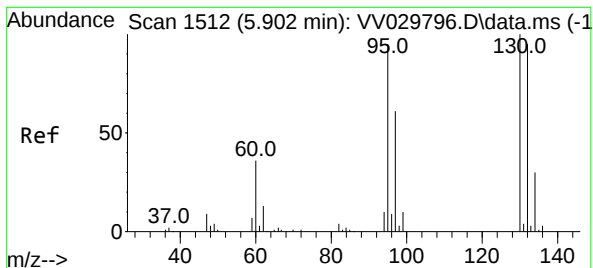
Tgt Ion:	96	Resp:	12509
Ion	Ratio	Lower	Upper
96	100		
61	128.2	80.0	148.6
68	0.0	0.0	0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.242 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV029804.D
 Acq: 13 Jan 2023 13:30

Tgt Ion:	97	Resp:	6712
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	42.3	31.6	47.4





#34

Trichloroethene

Concen: 4.973 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029804.D

Acq: 13 Jan 2023 13:30

Instrument :

MSVOA_V

ClientSampleId :

BH1W3

Tgt Ion: 95 Resp: 89046

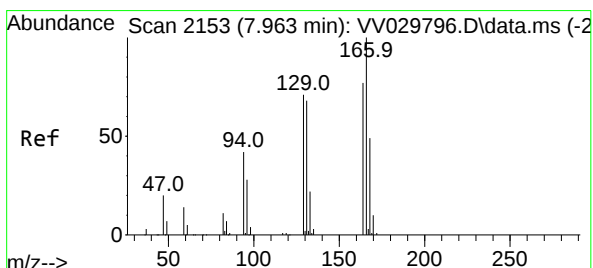
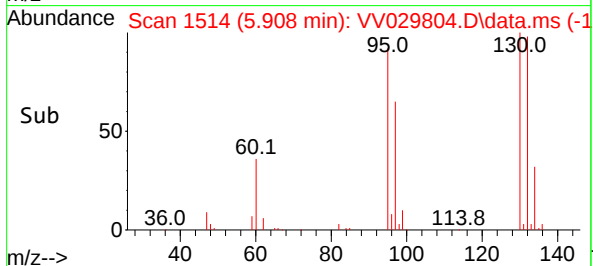
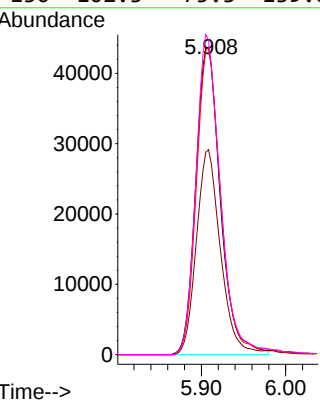
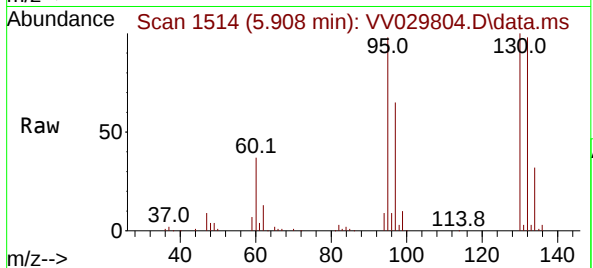
Ion Ratio Lower Upper

95 100

97 66.6 44.9 83.3

132 99.9 71.8 133.4

130 102.3 75.3 139.8



#47

Tetrachloroethene

Concen: 0.562 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029804.D

Acq: 13 Jan 2023 13:30

Tgt Ion:164 Resp: 8468

Ion Ratio Lower Upper

164 100

129 89.5 64.5 119.7

131 92.3 62.9 116.7

166 132.6 90.7 168.5

