

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028896.D
 Acq On : 11 Nov 2022 23:42
 Operator : SY/MD
 Sample : N5592-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC3

Quant Time: Nov 12 02:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

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

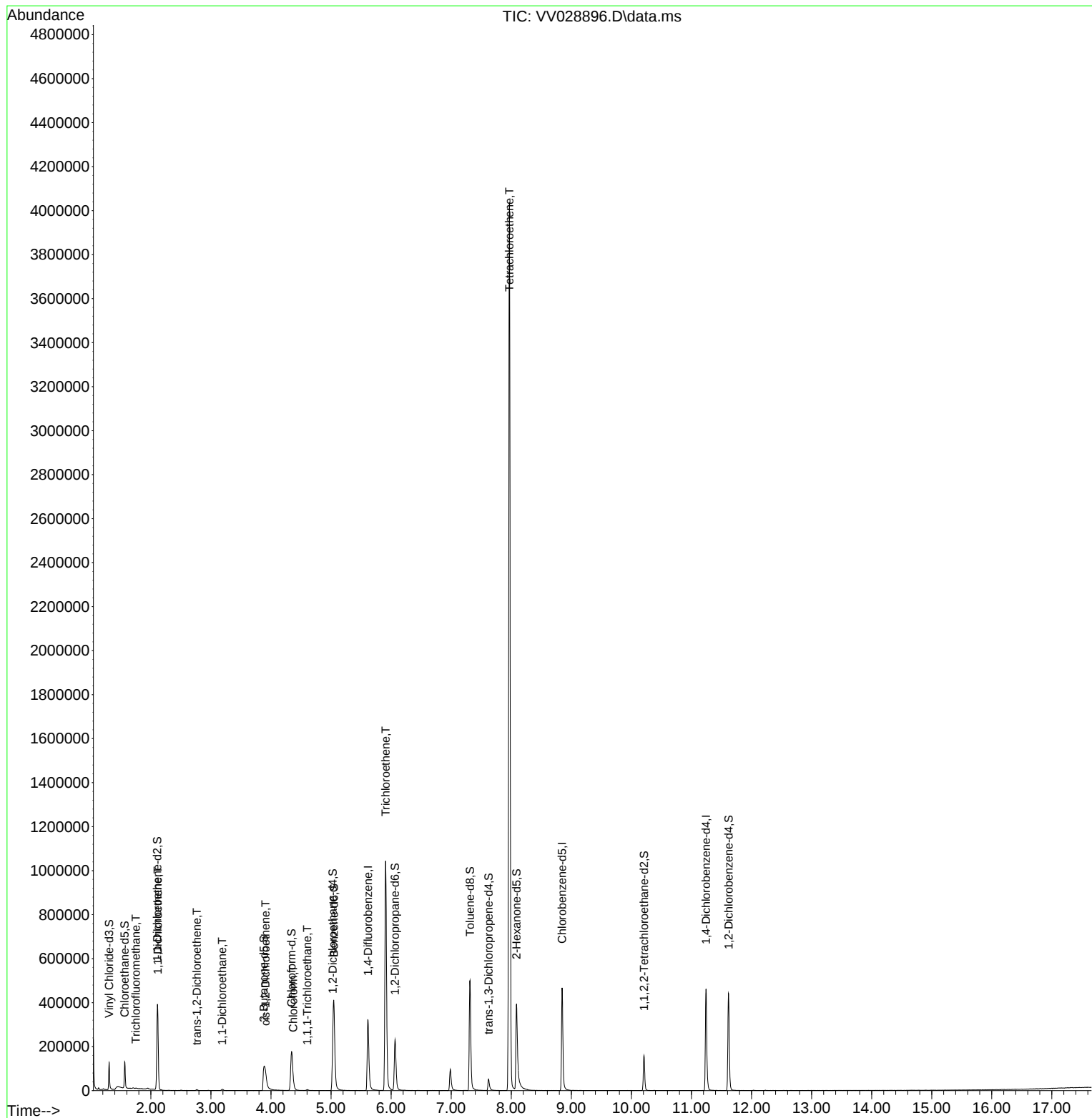
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	300829	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	278689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	133668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85777	4.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.564	69	79706	4.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.108	63	156635	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.883	46	182908	59.578	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.160%
24) Chloroform-d	4.342	84	189582	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.027	65	88296	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.047	84	404958	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.066	67	119896	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.313	98	361103	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.622	79	35105	4.634	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	163794	50.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.300%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	81189	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	126280	5.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
9) Trichlorofluoromethane	1.751	101	1543	0.048	ug/L	95
12) 1,1-Dichloroethene	2.117	96	72913	4.004	ug/L	94
18) trans-1,2-Dichloroethene	2.767	96	1024	0.048	ug/L	93
19) 1,1-Dichloroethane	3.188	63	6696	0.194	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	26712	1.244	ug/L	96
25) Chloroform	4.371	83	16395	0.453	ug/L	94
29) 1,1,1-Trichloroethane	4.606	97	3201	0.098	ug/L	96
34) Trichloroethene	5.908	95	370733	17.004	ug/L	98
47) Tetrachloroethene	7.969	164	925815	53.032	ug/L	99

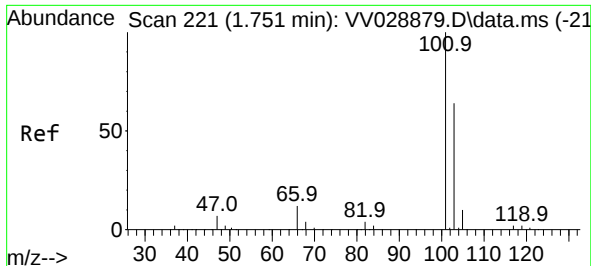
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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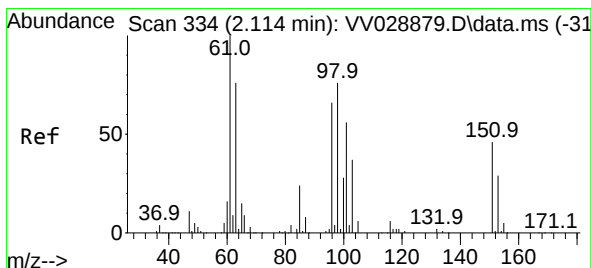
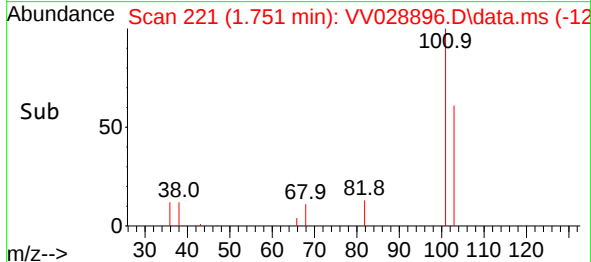
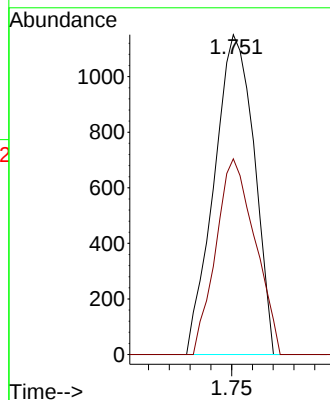
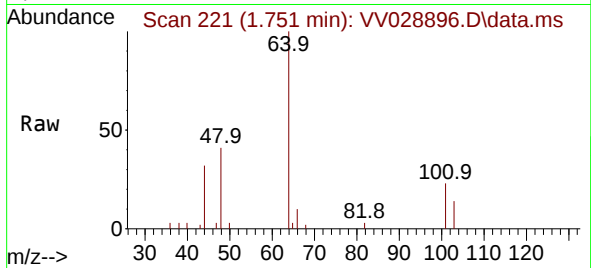




#9
 Trichlorofluoromethane
 Concen: 0.048 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028896.D
 Acq: 11 Nov 2022 23:42

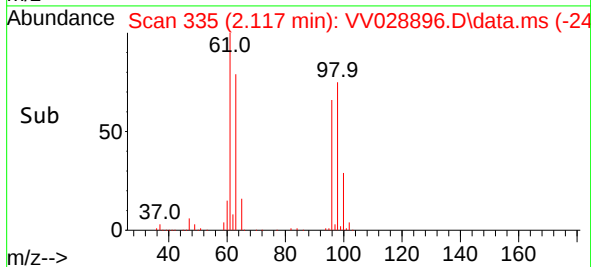
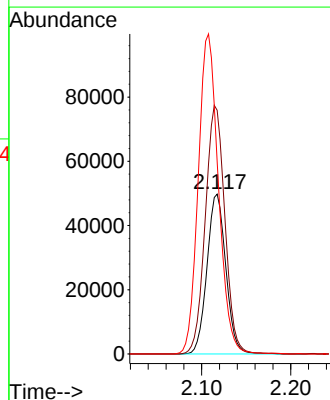
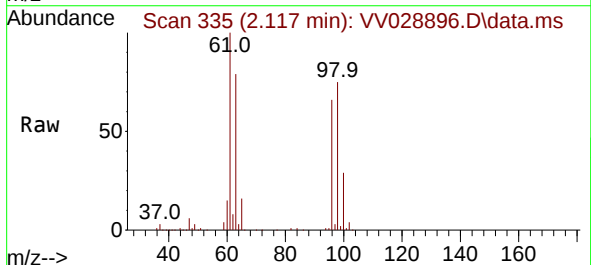
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC3

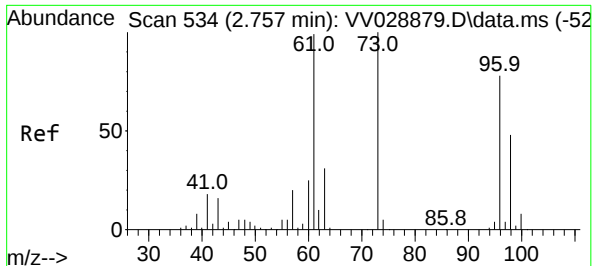
Tgt Ion:101 Resp: 1543
 Ion Ratio Lower Upper
 101 100
 103 59.9 51.3 76.9



#12
 1,1-Dichloroethene
 Concen: 4.004 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028896.D
 Acq: 11 Nov 2022 23:42

Tgt Ion: 96 Resp: 72913
 Ion Ratio Lower Upper
 96 100
 61 152.4 104.2 193.4
 63 120.3 75.9 140.9

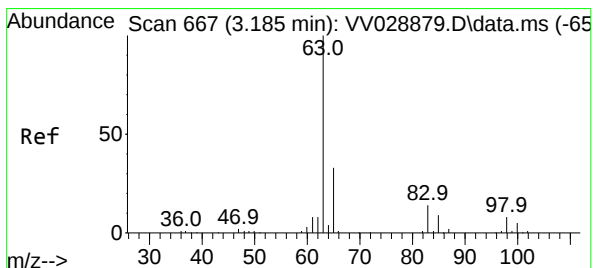
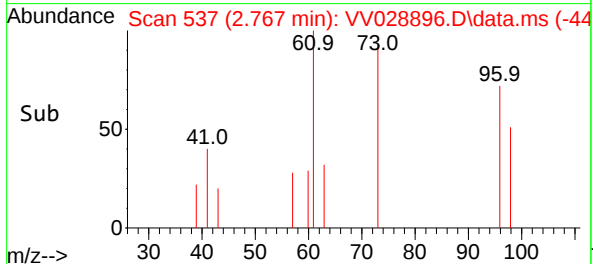
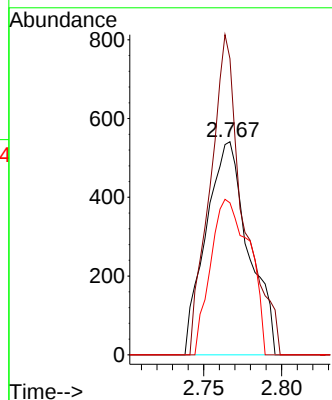
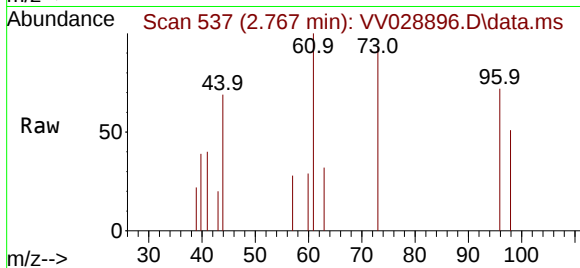




#18
 trans-1,2-Dichloroethene
 Concen: 0.048 ug/L
 RT: 2.767 min Scan# 51
 Delta R.T. 0.009 min
 Lab File: VV028896.D
 Acq: 11 Nov 2022 23:42

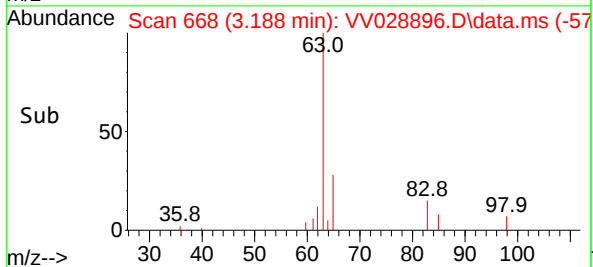
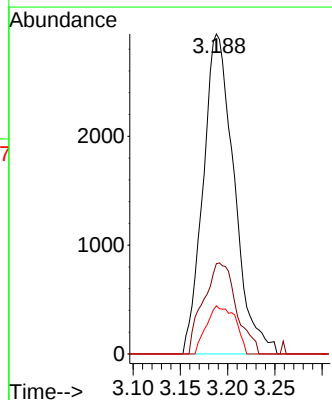
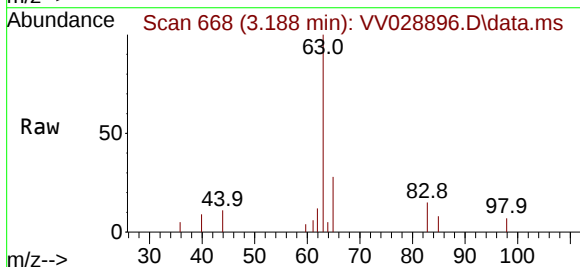
Instrument :
 MSVOA_V
 ClientSampleId :
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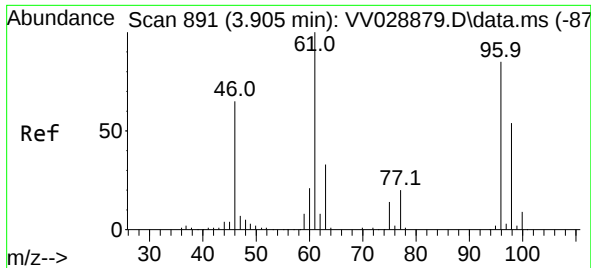
Tgt Ion: 96 Resp: 1024
 Ion Ratio Lower Upper
 96 100
 61 139.0 91.8 170.6
 98 71.3 46.4 86.2



#19
 1,1-Dichloroethane
 Concen: 0.194 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.003 min
 Lab File: VV028896.D
 Acq: 11 Nov 2022 23:42

Tgt Ion: 63 Resp: 6696
 Ion Ratio Lower Upper
 63 100
 65 28.2 23.0 42.6
 83 15.0 9.4 17.6

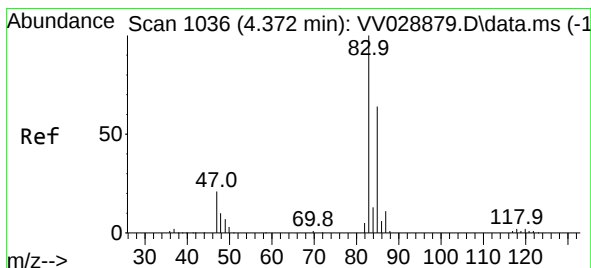
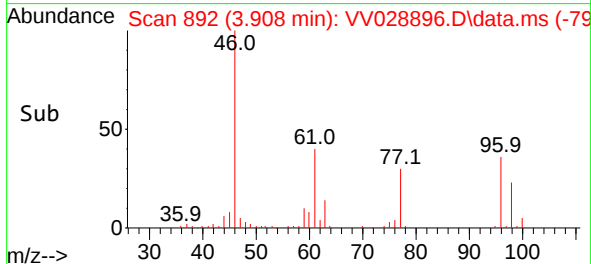
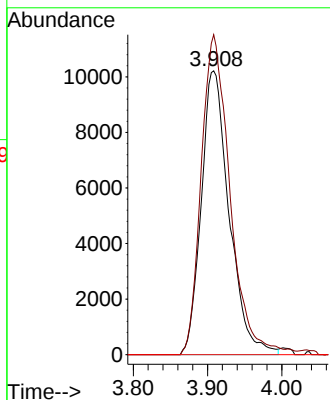
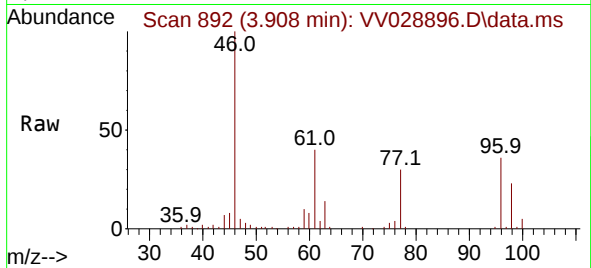




#22
 cis-1,2-Dichloroethene
 Concen: 1.244 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028896.D
 Acq: 11 Nov 2022 23:42

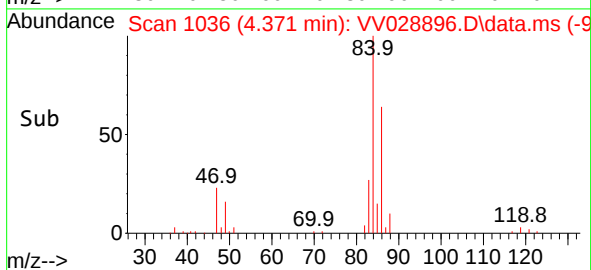
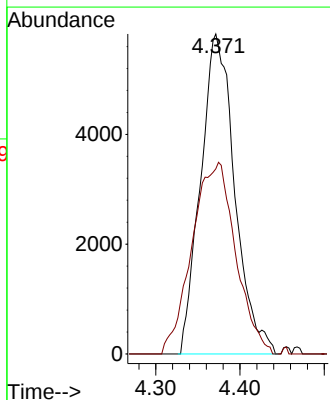
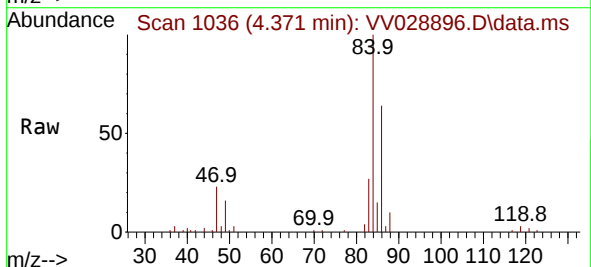
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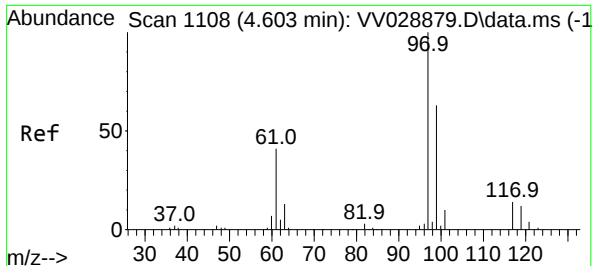
Tgt Ion: 96 Resp: 26712
 Ion Ratio Lower Upper
 96 100
 61 112.8 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.453 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VV028896.D
 Acq: 11 Nov 2022 23:42

Tgt Ion: 83 Resp: 16395
 Ion Ratio Lower Upper
 83 100
 85 57.9 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 0.098 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV028896.D

Acq: 11 Nov 2022 23:42

Instrument :

MSVOA_V

ClientSampleId :

H0AC3

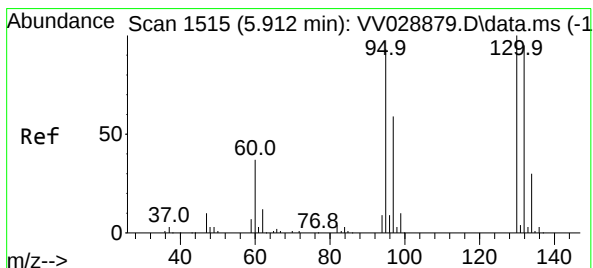
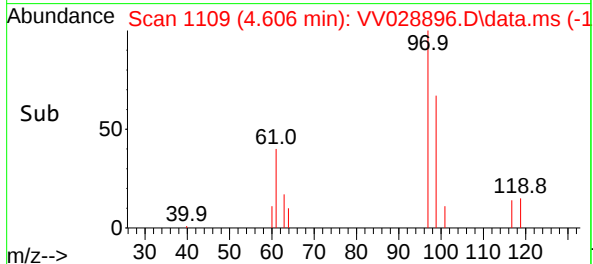
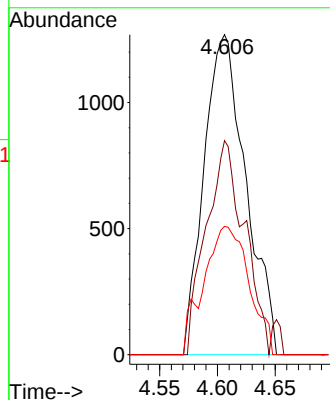
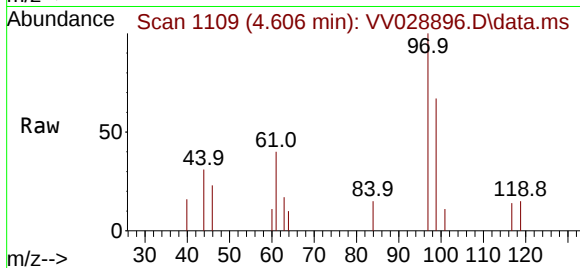
Tgt Ion: 97 Resp: 3201

Ion Ratio Lower Upper

97 100

99 61.3 52.7 79.1

61 43.6 33.8 50.6



#34

Trichloroethene

Concen: 17.004 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV028896.D

Acq: 11 Nov 2022 23:42

Tgt Ion: 95 Resp: 370733

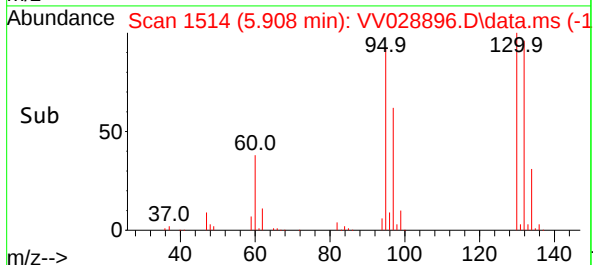
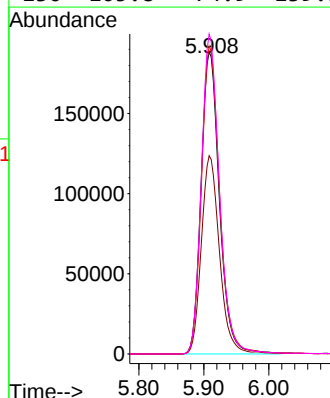
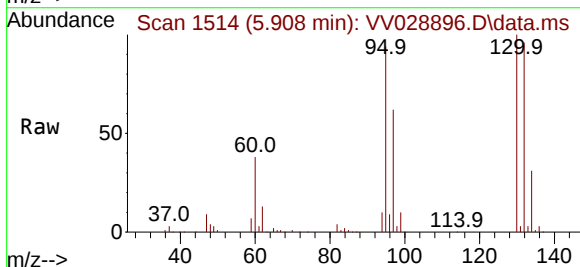
Ion Ratio Lower Upper

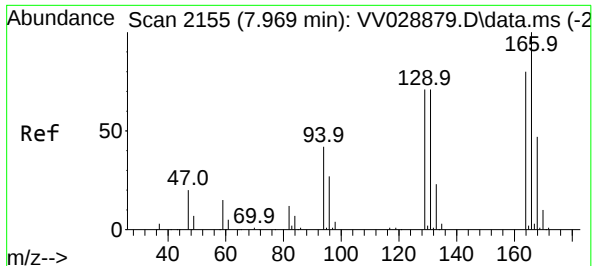
95 100

97 65.5 45.6 84.8

132 101.9 69.1 128.3

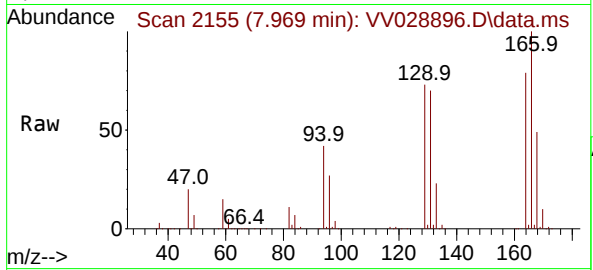
130 105.8 74.9 139.1





#47
 Tetrachloroethene
 Concen: 53.032 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028896.D
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 ClientSampleId :
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Tgt Ion:164 Resp: 925815

Ion	Ratio	Lower	Upper
164	100		
129	92.3	63.9	118.7
131	88.2	61.8	114.8
166	126.6	90.2	167.4

