

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029208.D
 Acq On : 20 Nov 2022 06:38
 Operator : SY/MD
 Sample : N5651-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K1

Quant Time: Nov 21 00:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

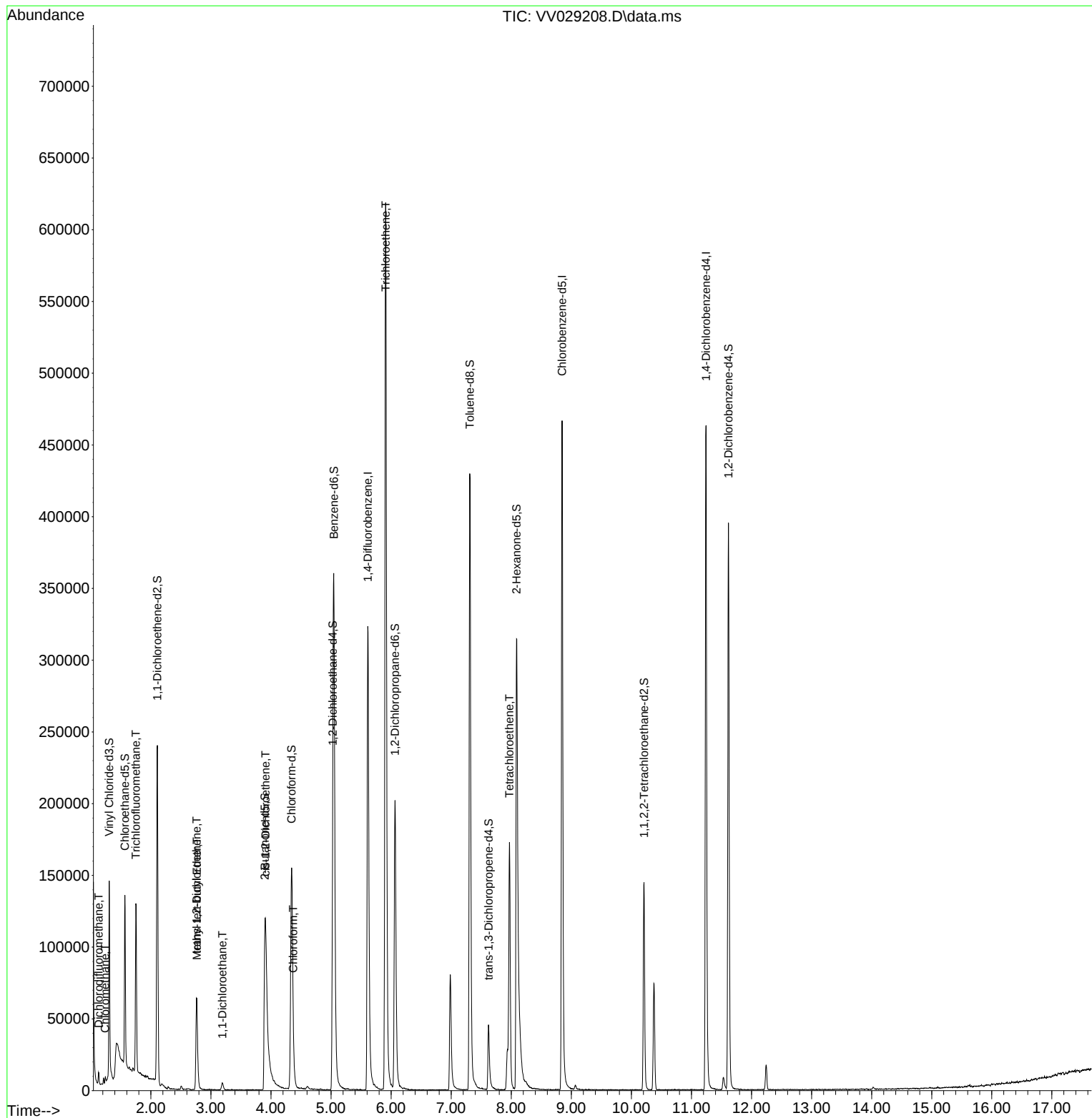
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	304623	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	282870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	93513	5.035	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.568	69	77900	4.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 95.400%		
11) 1,1-Dichloroethene-d2	2.108	63	118287	3.495	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 70.000%		
20) 2-Butanone-d5	3.899	46	171461	55.154	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 110.300%		
24) Chloroform-d	4.342	84	168989	4.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 88.600%		
26) 1,2-Dichloroethane-d4	5.027	65	77865	4.539	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.800%		
32) Benzene-d6	5.047	84	356016	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 84.400%		
36) 1,2-Dichloropropane-d6	6.066	67	104729	4.442	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 88.800%		
41) Toluene-d8	7.310	98	309827	4.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 81.600%		
43) trans-1,3-Dichloroprop...	7.622	79	31168	4.053	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 81.000%		
46) 2-Hexanone-d5	8.088	63	141056	42.975	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 85.960%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	73750	4.512	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.200%		
66) 1,2-Dichlorobenzene-d4	11.616	152	108801	4.578	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 91.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2922	0.115	ug/L	97
3) Chloromethane	1.240	50	3701	0.176	ug/L	100
9) Trichlorofluoromethane	1.751	101	71206	2.197	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	21768	0.551	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	19885	0.930	ug/L	97
19) 1,1-Dichloroethane	3.191	63	5614	0.161	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	30838	1.418	ug/L	100
25) Chloroform	4.371	83	7457	0.203	ug/L	89
34) Trichloroethene	5.908	95	225253	10.179	ug/L	98
47) Tetrachloroethene	7.969	164	41656	2.351	ug/L	99

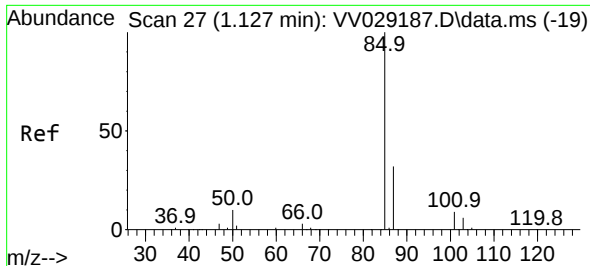
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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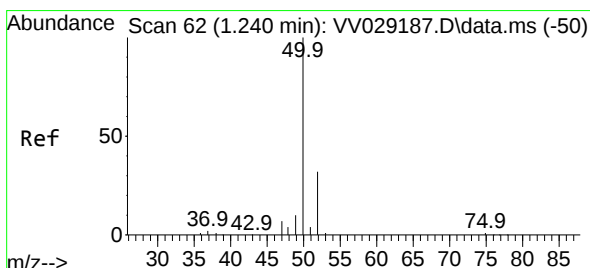
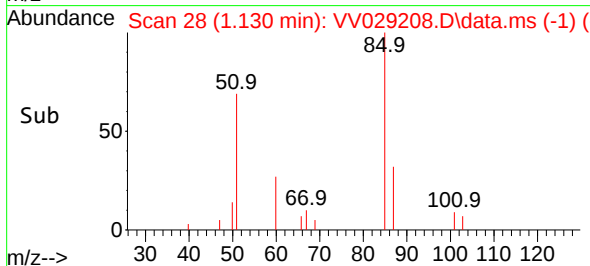
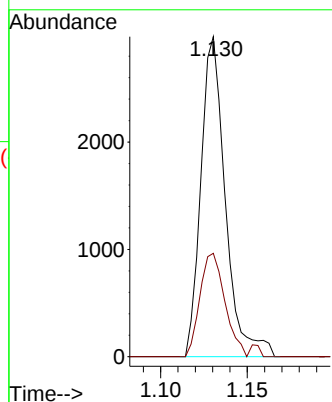
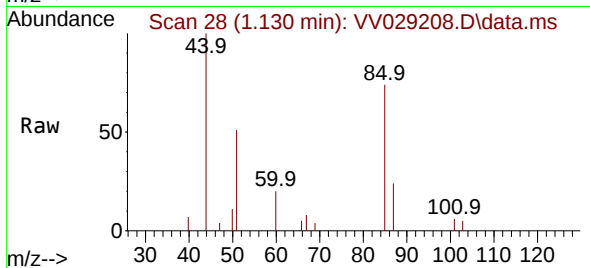




#2
 Dichlorodifluoromethane
 Concen: 0.115 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029208.D
 Acq: 20 Nov 2022 06:38

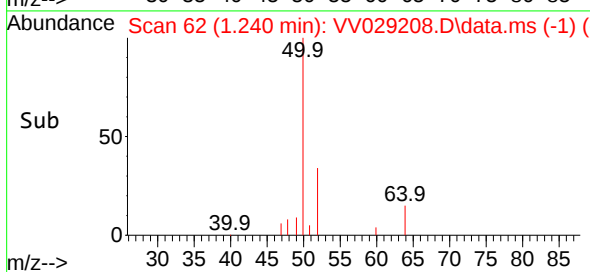
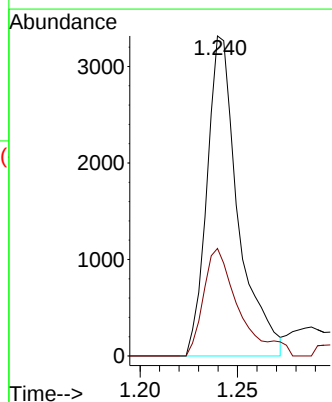
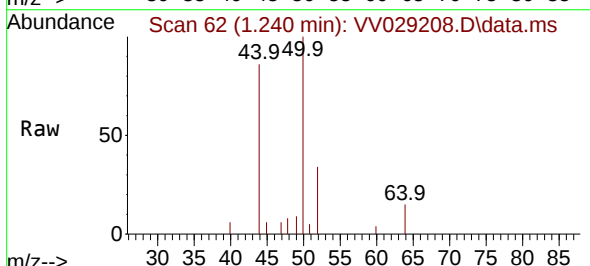
Instrument :
 MSVOA_V
 ClientSampleId :
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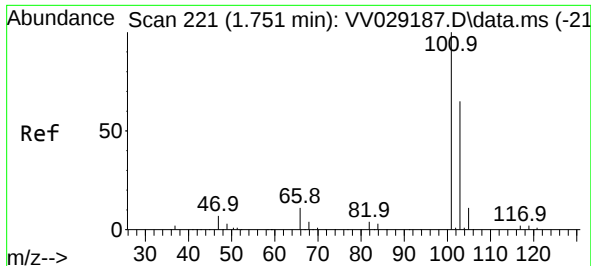
Tgt Ion: 85 Resp: 2922
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4



#3
 Chloromethane
 Concen: 0.176 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029208.D
 Acq: 20 Nov 2022 06:38

Tgt Ion: 50 Resp: 3701
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9

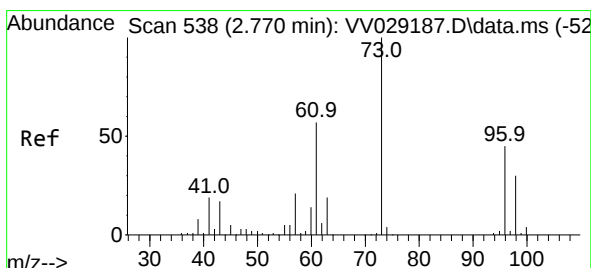
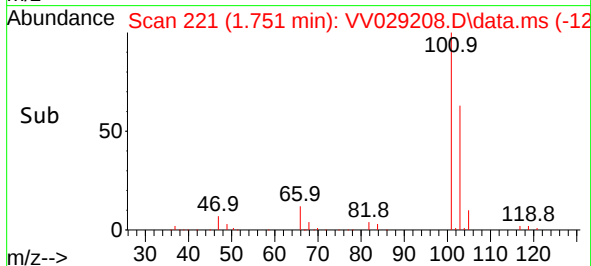
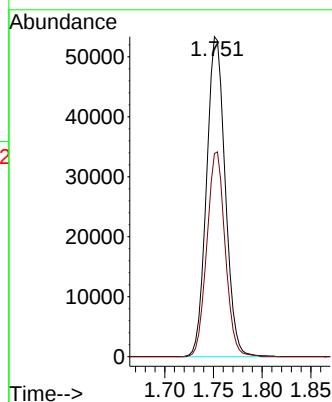
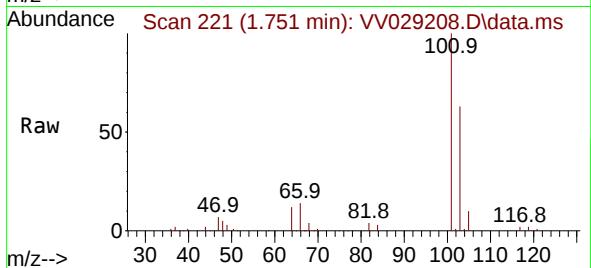




#9
 Trichlorofluoromethane
 Concen: 2.197 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029208.D
 Acq: 20 Nov 2022 06:38

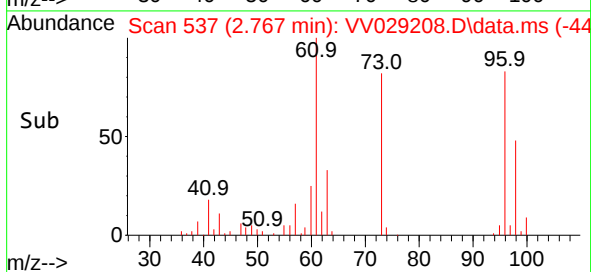
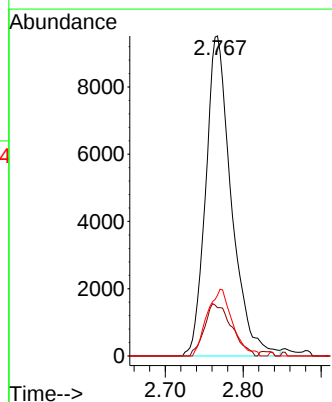
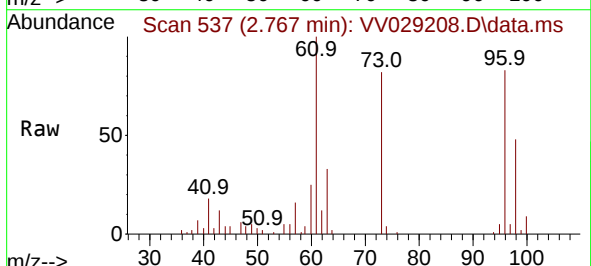
Instrument :
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 ClientSampleId :
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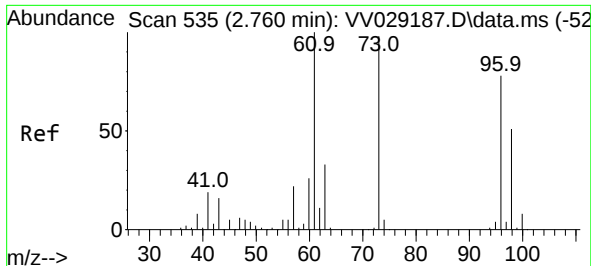
Tgt Ion:101 Resp: 71206
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.3 76.9



#17
 Methyl tert-butyl Ether
 Concen: 0.551 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.003 min
 Lab File: VV029208.D
 Acq: 20 Nov 2022 06:38

Tgt Ion: 73 Resp: 21768
 Ion Ratio Lower Upper
 73 100
 43 17.3 13.0 19.4
 57 20.5 16.6 24.8

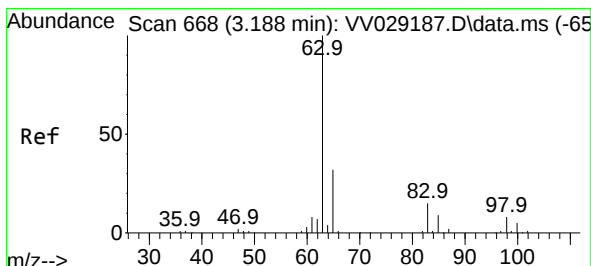
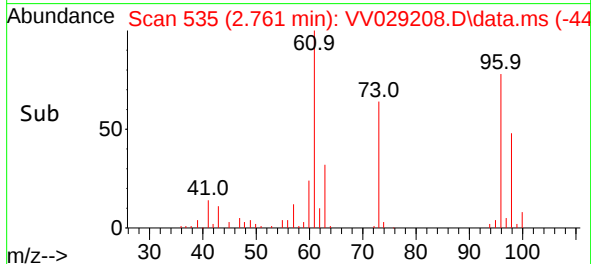
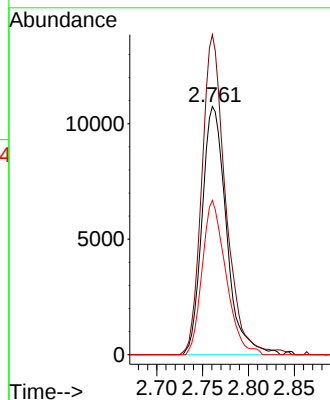
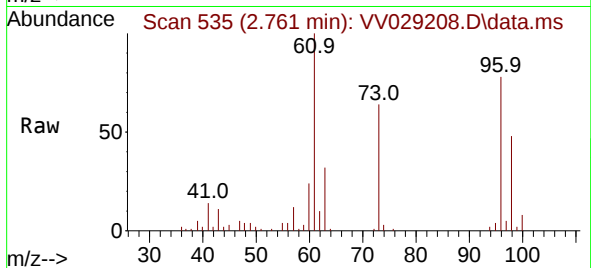




#18
trans-1,2-Dichloroethene
Concen: 0.930 ug/L
RT: 2.761 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV029208.D
Acq: 20 Nov 2022 06:38

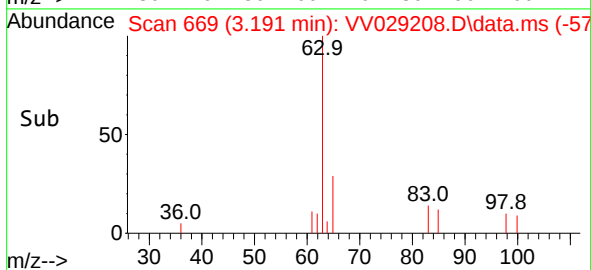
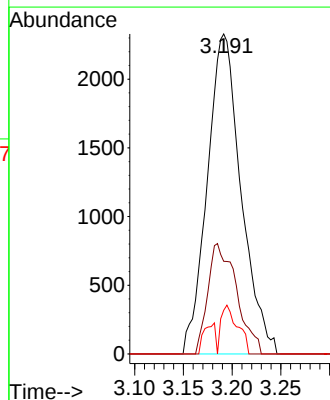
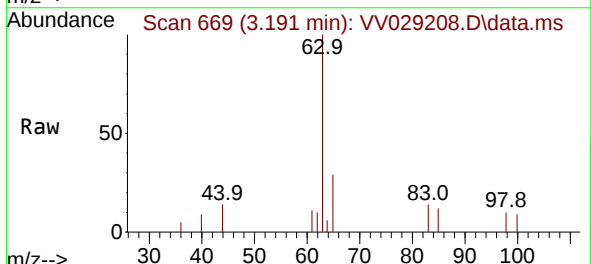
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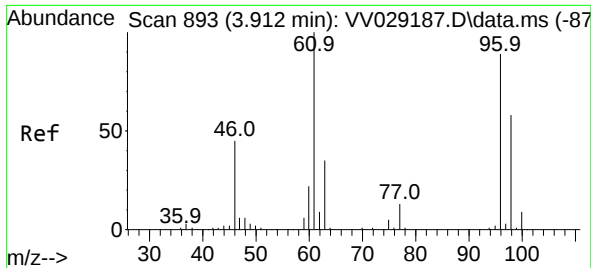
Tgt Ion: 96 Resp: 19885
Ion Ratio Lower Upper
96 100
61 128.9 91.8 170.6
98 62.1 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.161 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV029208.D
Acq: 20 Nov 2022 06:38

Tgt Ion: 63 Resp: 5614
Ion Ratio Lower Upper
63 100
65 27.3 23.0 42.6
83 12.9 9.4 17.6

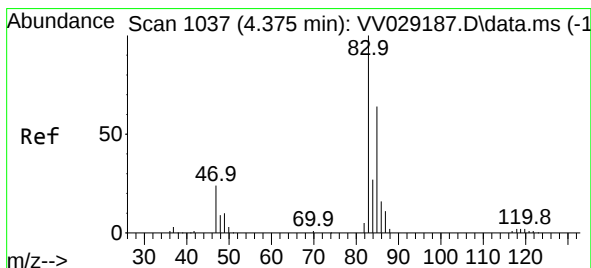
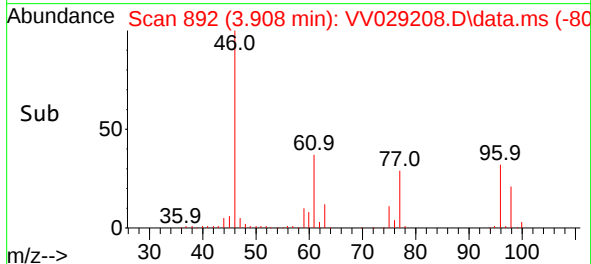
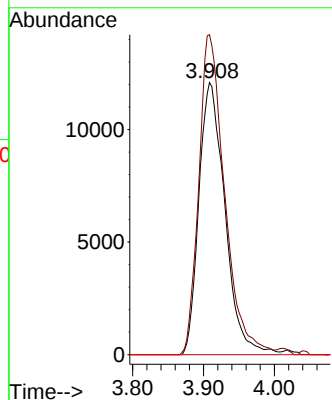
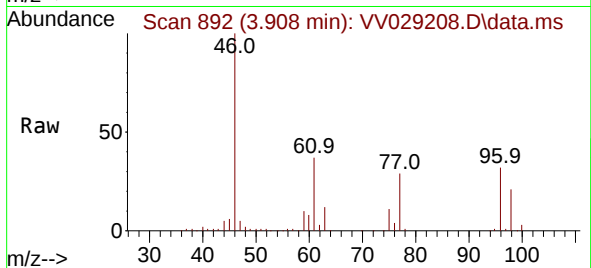




#22
 cis-1,2-Dichloroethene
 Concen: 1.418 ug/L
 RT: 3.908 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV029208.D
 Acq: 20 Nov 2022 06:38

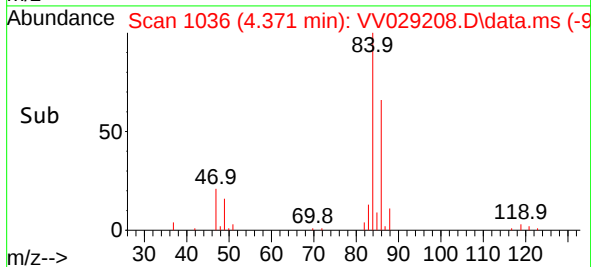
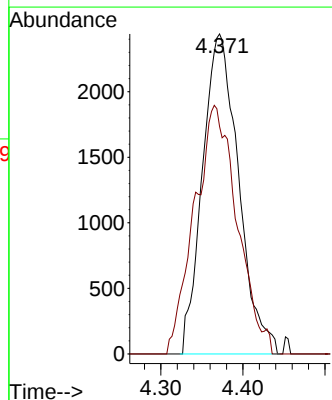
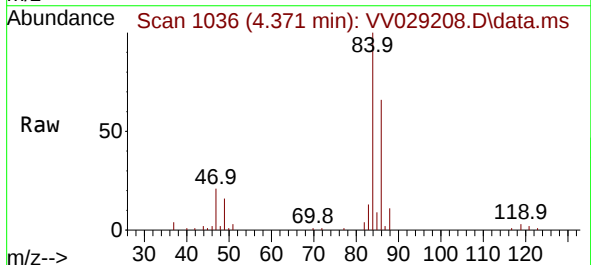
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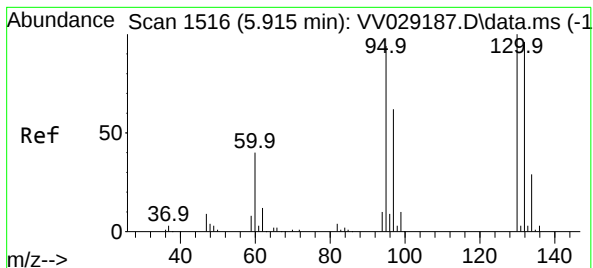
Tgt Ion: 96 Resp: 30838
 Ion Ratio Lower Upper
 96 100
 61 117.6 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.203 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VV029208.D
 Acq: 20 Nov 2022 06:38

Tgt Ion: 83 Resp: 7457
 Ion Ratio Lower Upper
 83 100
 85 71.1 43.7 81.1





#34

Trichloroethene

Concen: 10.179 ug/L

RT: 5.908 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV029208.D

Acq: 20 Nov 2022 06:38

Instrument :

MSVOA_V

ClientSampleId :

BH1K1

Tgt Ion: 95 Resp: 225253

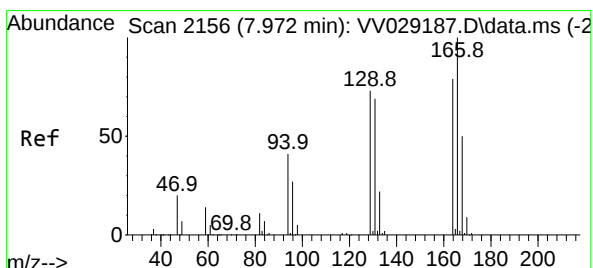
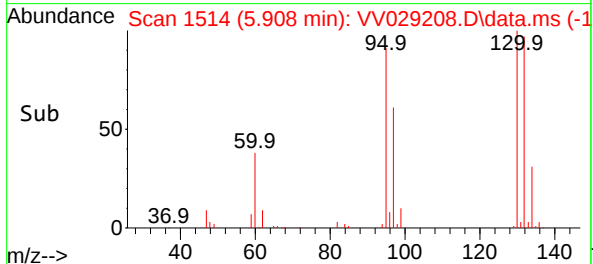
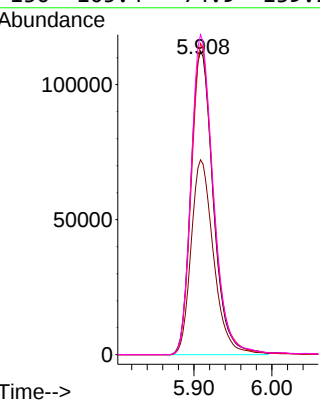
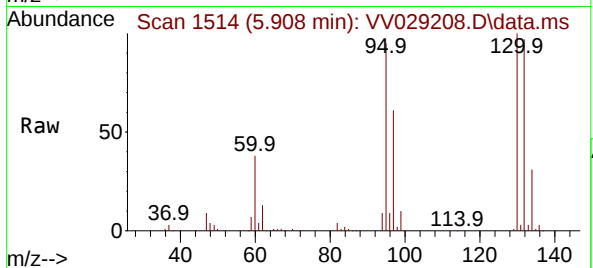
Ion Ratio Lower Upper

95 100

97 64.2 45.6 84.8

132 102.6 69.1 128.3

130 105.4 74.9 139.1



#47

Tetrachloroethene

Concen: 2.351 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.003 min

Lab File: VV029208.D

Acq: 20 Nov 2022 06:38

Tgt Ion: 164 Resp: 41656

Ion Ratio Lower Upper

164 100

129 90.7 63.9 118.7

131 87.9 61.8 114.8

166 125.7 90.2 167.4

