

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029587.D
 Acq On : 10 Dec 2022 17:36
 Operator : SY/MD
 Sample : N5928-22 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ91

Quant Time: Dec 12 00:08:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

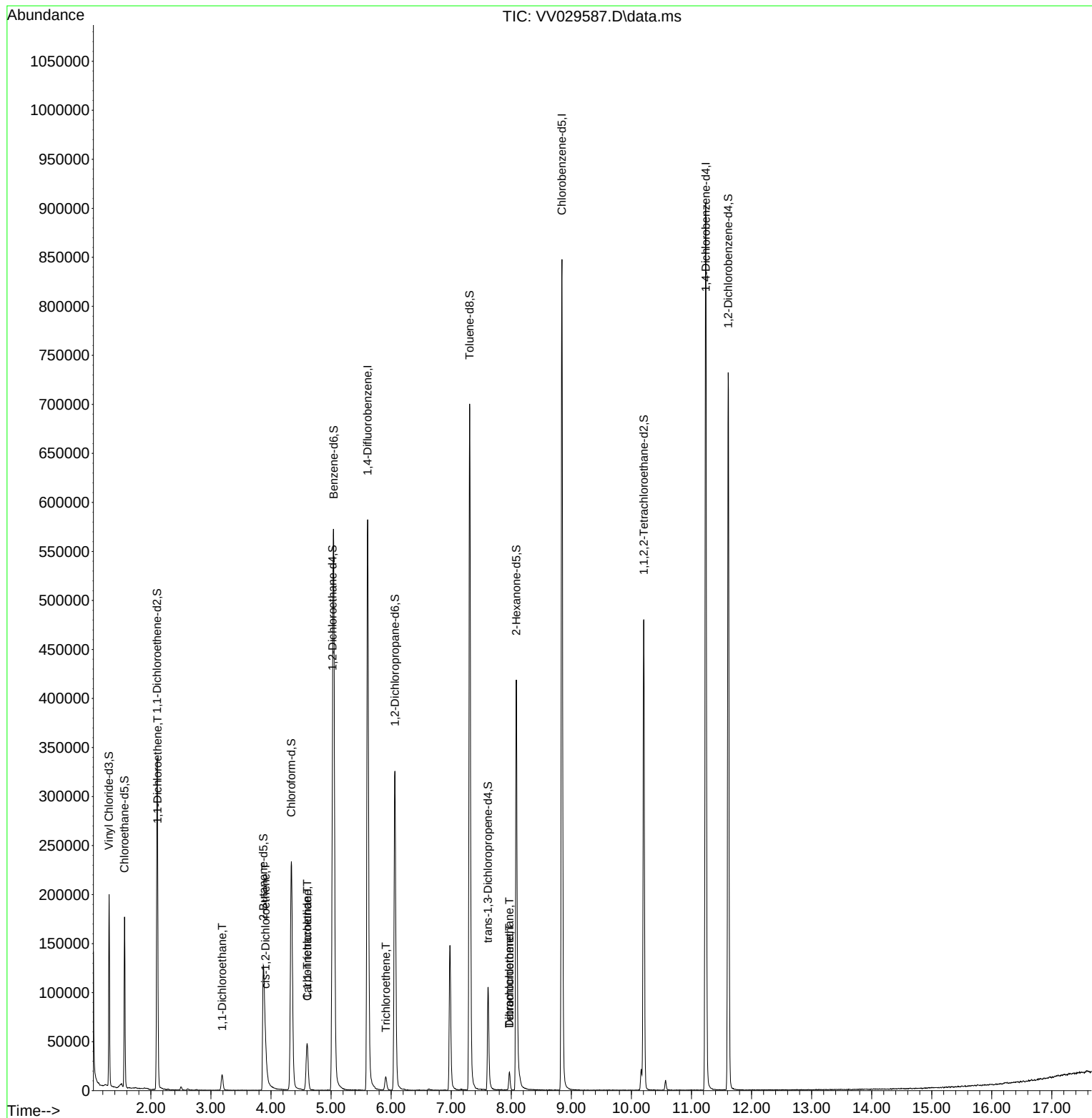
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	540324	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	498038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	253922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	124117	37.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.020%		
7) Chloroethane-d5	1.561	69	111411	44.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.320%		
11) 1,1-Dichloroethene-d2	2.105	63	171105	33.155	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.320%		
21) 2-Butanone-d5	3.873	46	189476	93.874	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.870%		
24) Chloroform-d	4.339	84	254562	40.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.760%		
26) 1,2-Dichloroethane-d4	5.024	65	152982	43.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.040%		
32) Benzene-d6	5.043	84	547214	41.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.160%		
36) 1,2-Dichloropropane-d6	6.063	67	167954	41.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.560%		
41) Toluene-d8	7.307	98	490285	39.541	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.080%#		
43) trans-1,3-Dichloroprop...	7.613	79	64888	31.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.940%		
47) 2-Hexanone-d5	8.085	63	158321	92.234	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.230%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	238738	41.562	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.120%		
66) 1,2-Dichlorobenzene-d4	11.612	152	199197	41.210	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.420%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	8071	2.795	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	17021	2.986	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	5252	1.435	ug/L	96
30) 1,1,1-Trichloroethane	4.603	97	39954	7.363	ug/L	99
31) Carbon tetrachloride	4.606	117	5231	1.104	ug/L	99
34) Trichloroethene	5.912	95	4058	1.154	ug/L	89
46) Tetrachloroethene	7.969	164	4356	1.540	ug/L	95
49) Dibromochloromethane	7.969	129	3961	1.025	ug/L #	10

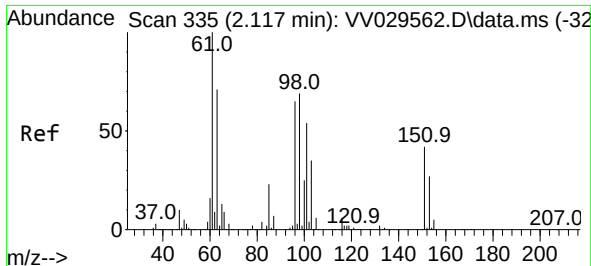
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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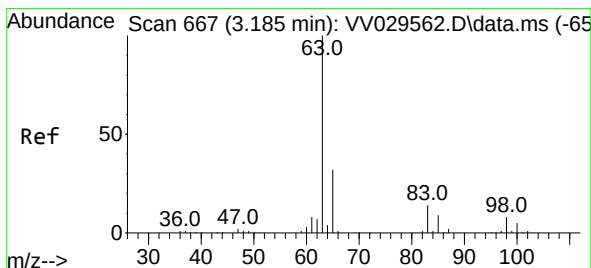
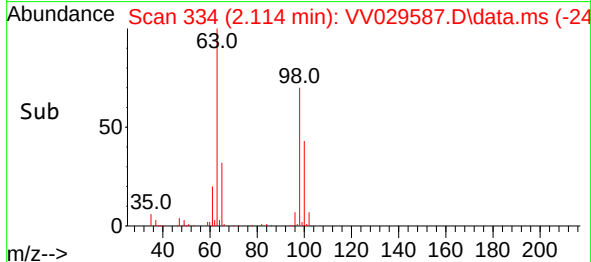
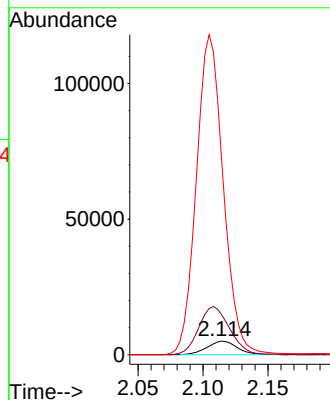
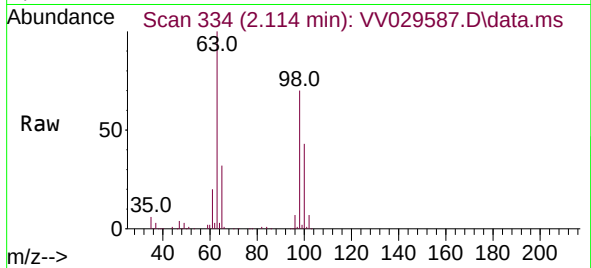




#12
1,1-Dichloroethene
Concen: 2.795 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029587.D
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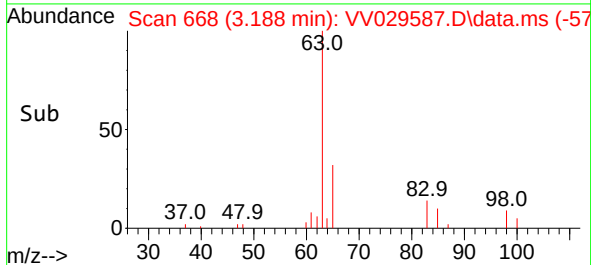
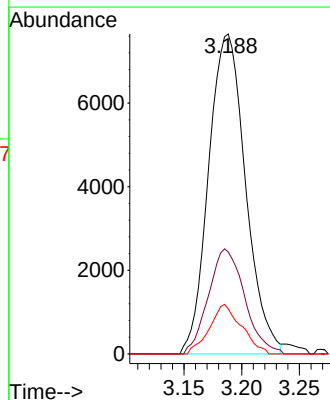
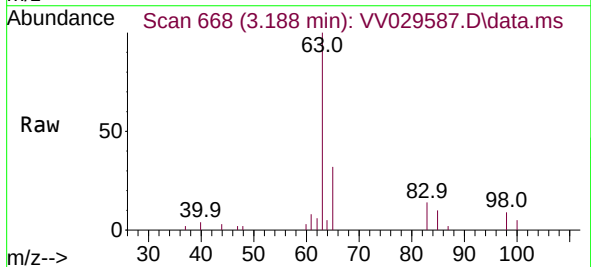
Instrument :
MSVOA_V
ClientSampleId :
EXZ91

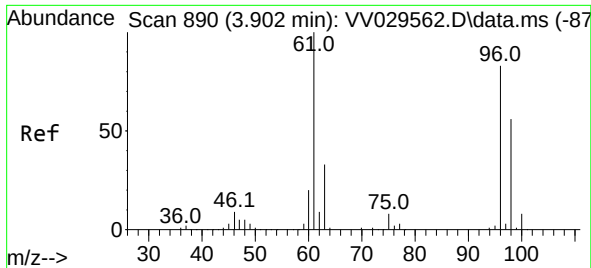
Tgt Ion: 96 Resp: 8071
Ion Ratio Lower Upper
96 100
61 295.0 103.3 191.9#
63 1440.2 77.3 143.7#



#19
1,1-Dichloroethane
Concen: 2.986 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029587.D
Acq: 10 Dec 2022 17:36

Tgt Ion: 63 Resp: 17021
Ion Ratio Lower Upper
63 100
65 31.9 22.5 41.7
83 14.1 10.4 19.2

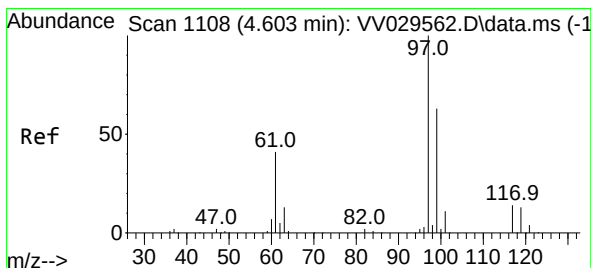
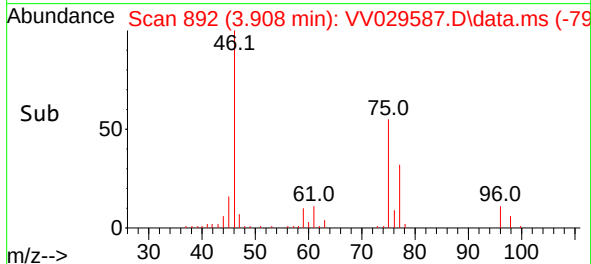
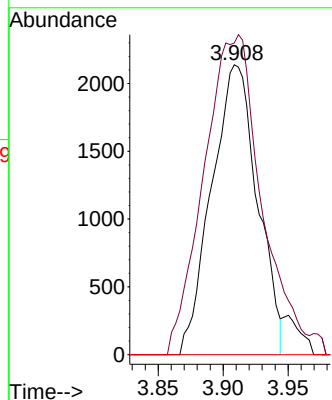
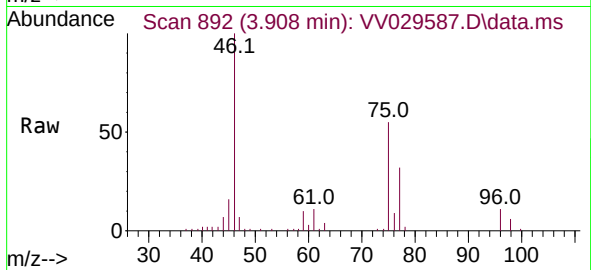




#20
 cis-1,2-Dichloroethene
 Concen: 1.435 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.007 min
 Lab File: VV029587.D
 Acq: 10 Dec 2022 17:36

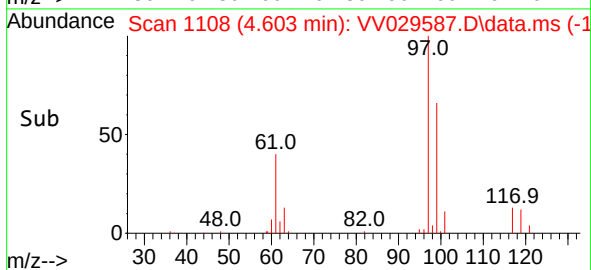
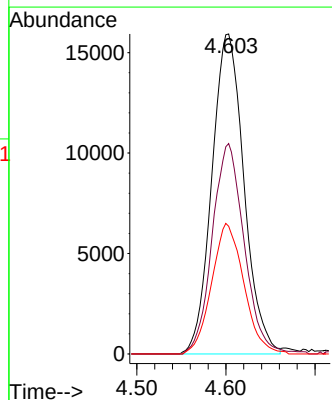
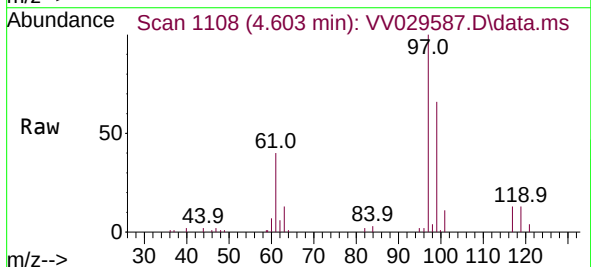
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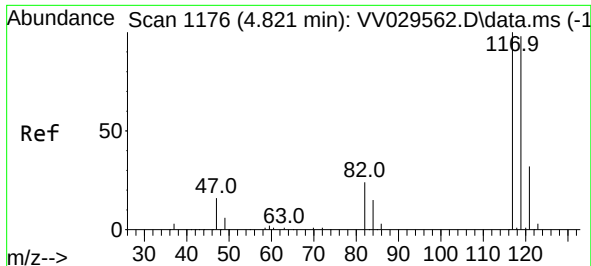
Tgt Ion: 96 Resp: 5252
 Ion Ratio Lower Upper
 96 100
 61 107.5 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 7.363 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: VV029587.D
 Acq: 10 Dec 2022 17:36

Tgt Ion: 97 Resp: 39954
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.1 78.1
 61 40.8 31.8 47.8

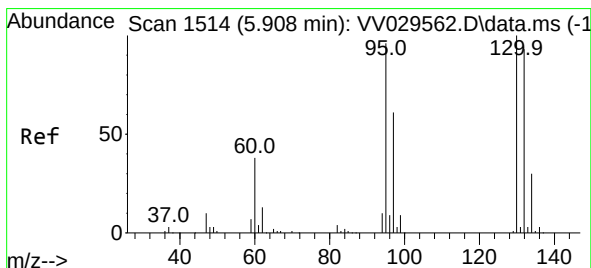
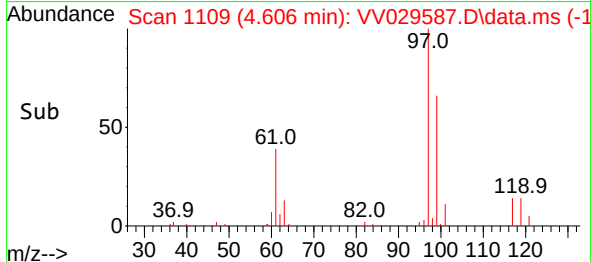
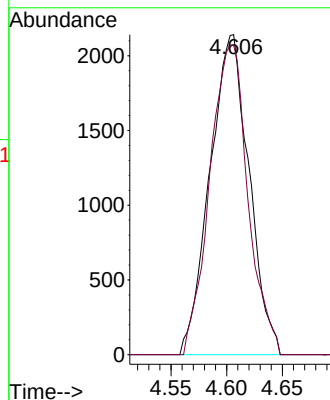
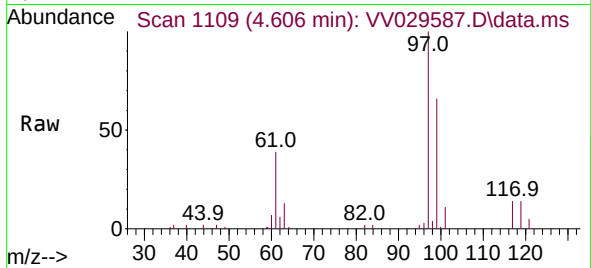




#31
Carbon tetrachloride
Concen: 1.104 ug/L
RT: 4.606 min Scan# 1176
Delta R.T. -0.215 min
Lab File: VV029587.D
Acq: 10 Dec 2022 17:36

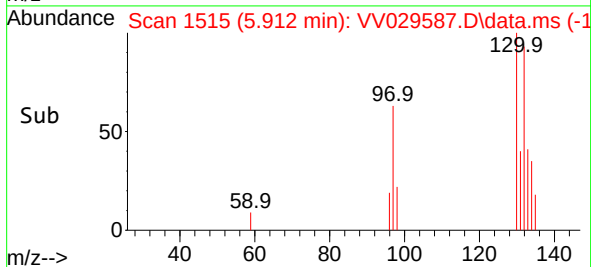
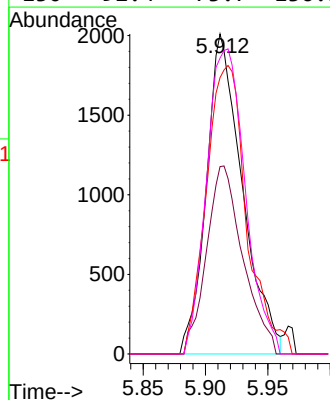
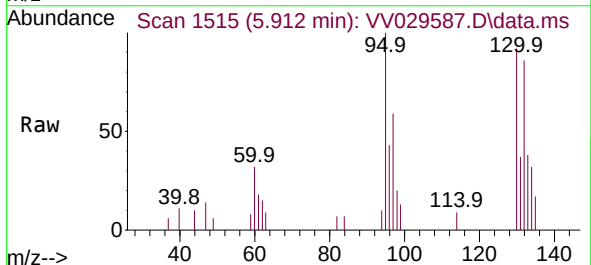
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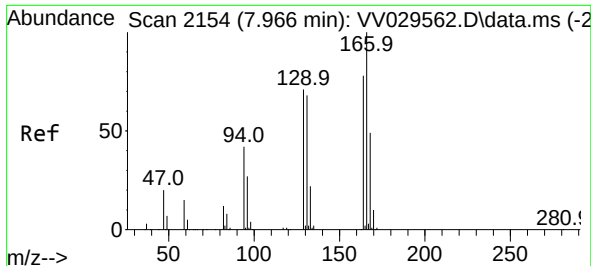
Tgt Ion:117 Resp: 5231
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1



#34
Trichloroethene
Concen: 1.154 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029587.D
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Tgt Ion: 95 Resp: 4058
Ion Ratio Lower Upper
95 100
97 58.6 44.0 81.8
132 86.4 69.9 129.9
130 92.4 73.7 136.9

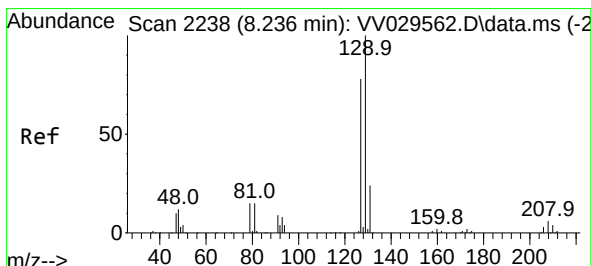
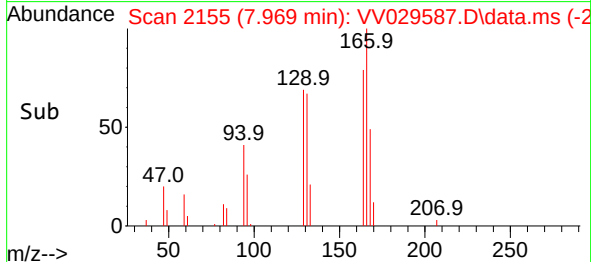
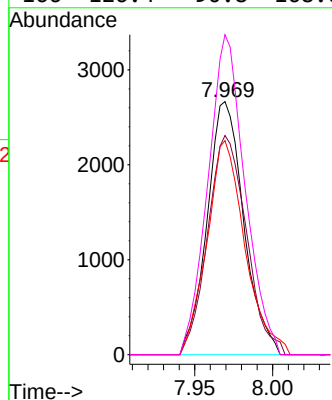
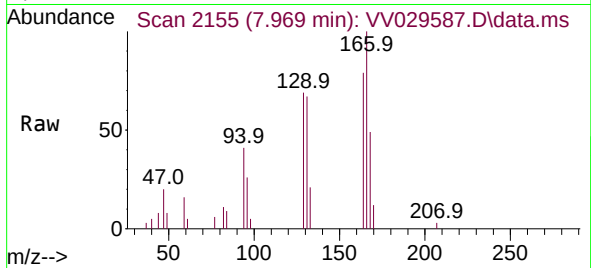




#46
Tetrachloroethene
Concen: 1.540 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029587.D
Acq: 10 Dec 2022 17:36

Instrument :
MSVOA_V
ClientSampleId :
EXZ91

Tgt Ion:164 Resp: 4356
Ion Ratio Lower Upper
164 100
129 86.6 65.3 121.3
131 84.6 63.1 117.1
166 126.4 90.8 168.6



#49
Dibromochloromethane
Concen: 1.025 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029587.D
Acq: 10 Dec 2022 17:36

Tgt Ion:129 Resp: 3961
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

