

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW029001.D
 Acq On : 15 Nov 2022 20:12
 Operator : SY/MD
 Sample : N5593-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD9

Quant Time: Nov 16 03:22:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

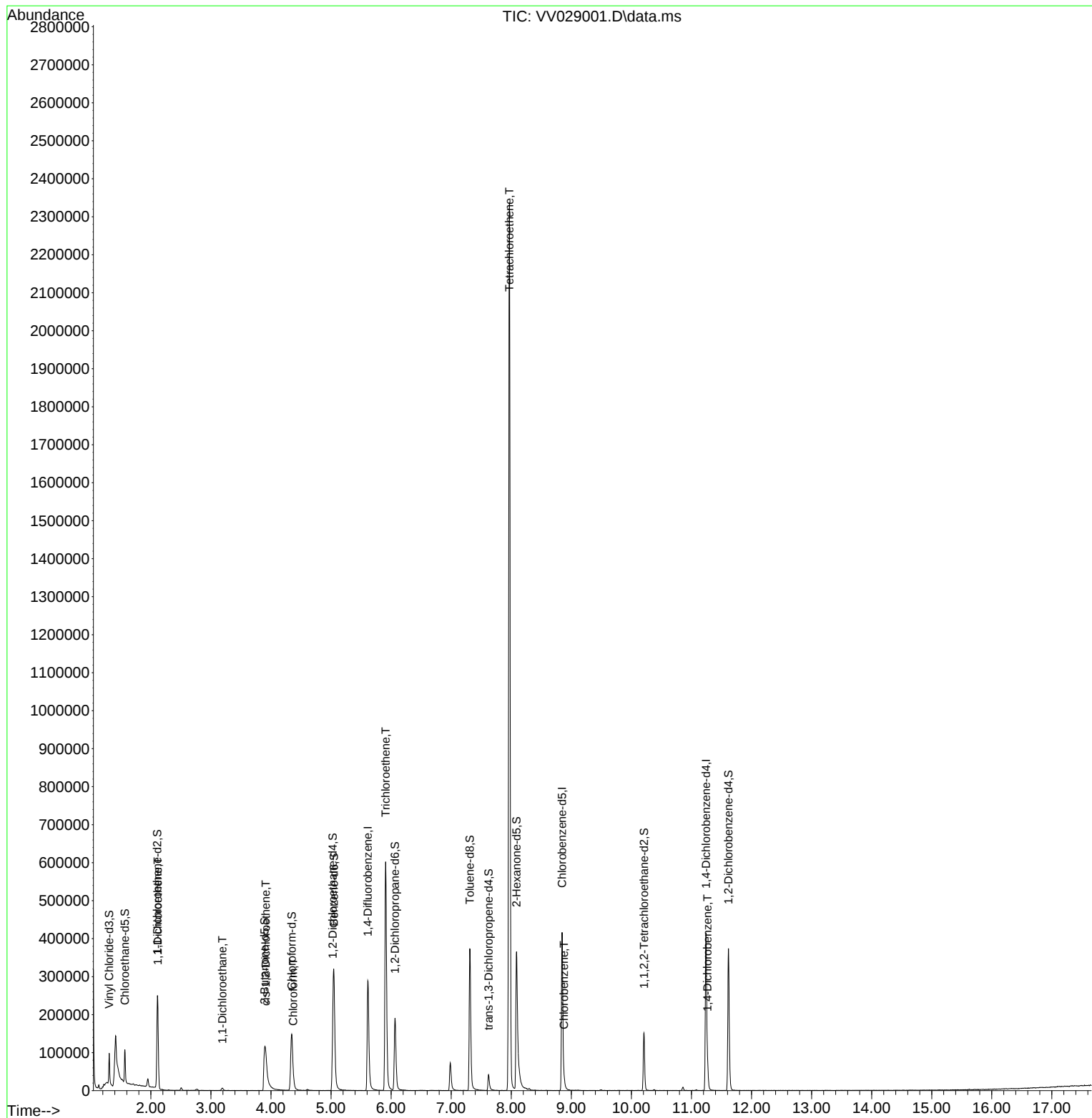
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	278319	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50947	3.003	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.568	69	56425	3.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.108	63	99119	3.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.892	46	191301	67.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.700%#
24) Chloroform-d	4.346	84	162043	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.030	65	75614	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.047	84	313234	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.066	67	98244	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.310	98	269525	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.622	79	28462	4.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.088	63	156296	52.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.260%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	75427	5.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	104850	4.978	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
12) 1,1-Dichloroethene	2.117	96	43462	2.580	ug/L #	86
19) 1,1-Dichloroethane	3.191	63	6857	0.215	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	26431	1.330	ug/L	90
25) Chloroform	4.371	83	11100	0.331	ug/L	93
34) Trichloroethene	5.908	95	217206	10.848	ug/L	97
47) Tetrachloroethene	7.969	164	551569	34.402	ug/L	98
51) Chlorobenzene	8.879	112	12633	0.242	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	26465	0.733	ug/L	97

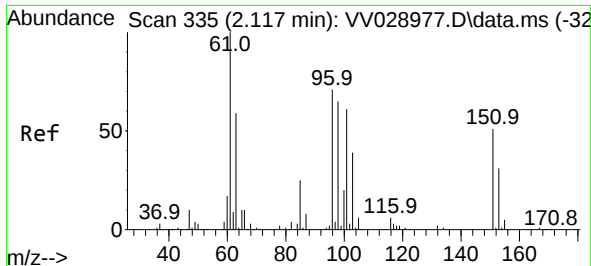
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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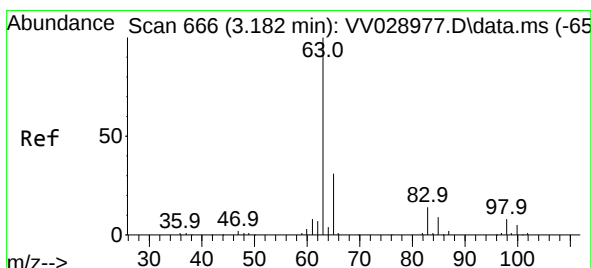
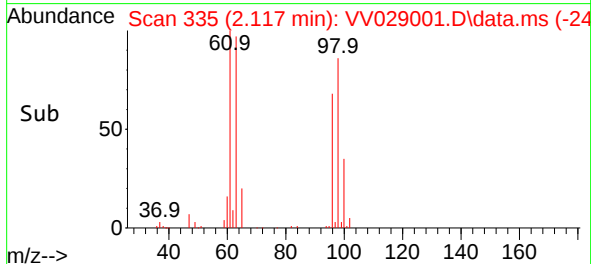
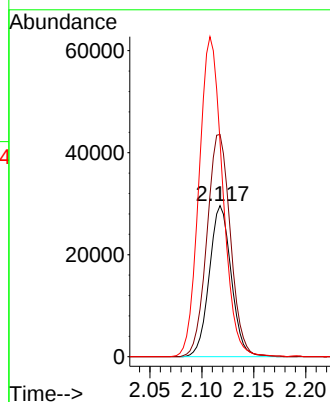
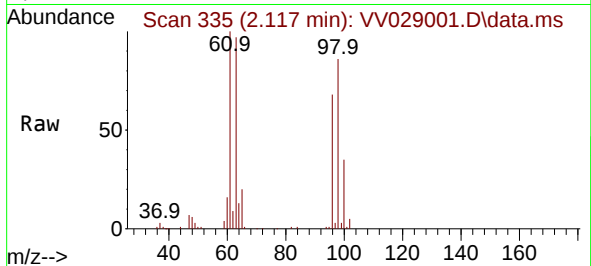




#12
 1,1-Dichloroethene
 Concen: 2.580 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV029001.D
 Acq: 15 Nov 2022 20:12

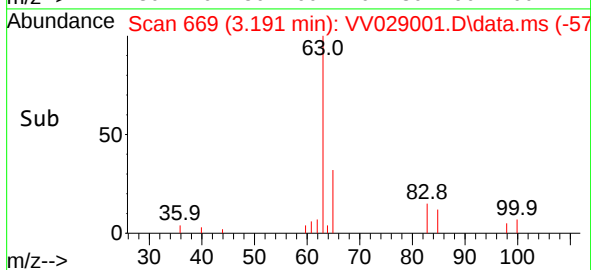
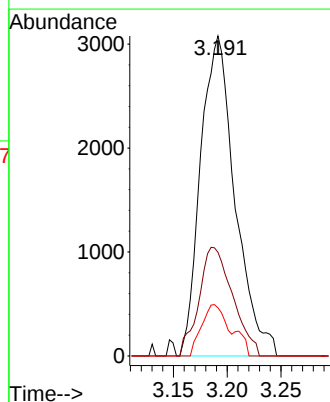
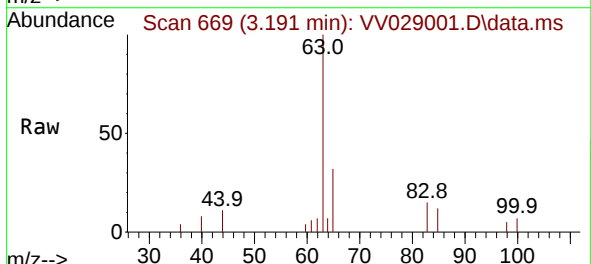
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD9

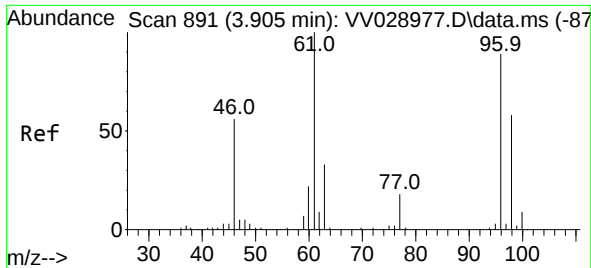
Tgt Ion: 96 Resp: 43462
 Ion Ratio Lower Upper
 96 100
 61 147.1 104.2 193.4
 63 142.2 75.9 140.9#



#19
 1,1-Dichloroethane
 Concen: 0.215 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. 0.010 min
 Lab File: VV029001.D
 Acq: 15 Nov 2022 20:12

Tgt Ion: 63 Resp: 6857
 Ion Ratio Lower Upper
 63 100
 65 32.4 23.0 42.6
 83 15.1 9.4 17.6

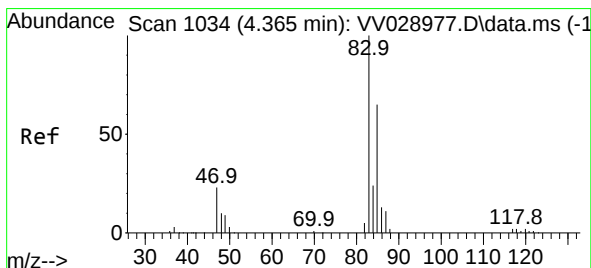
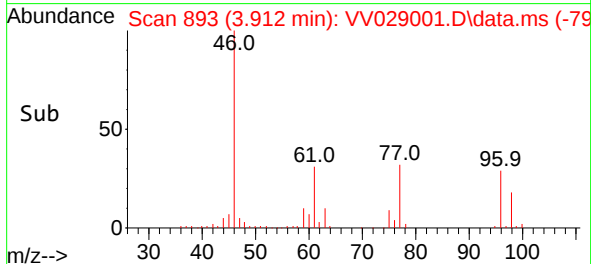
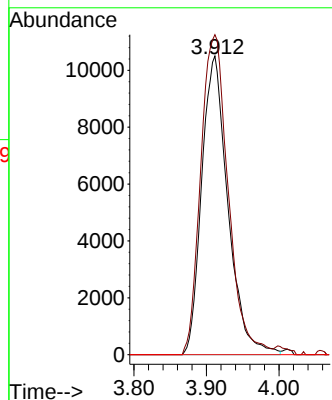
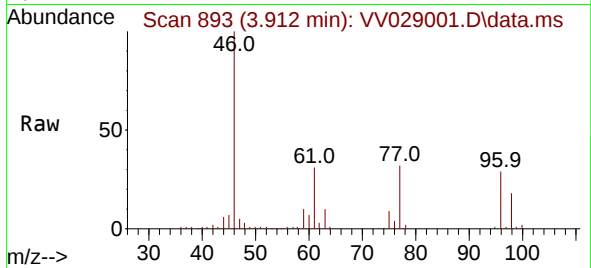




#22
 cis-1,2-Dichloroethene
 Concen: 1.330 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029001.D
 Acq: 15 Nov 2022 20:12

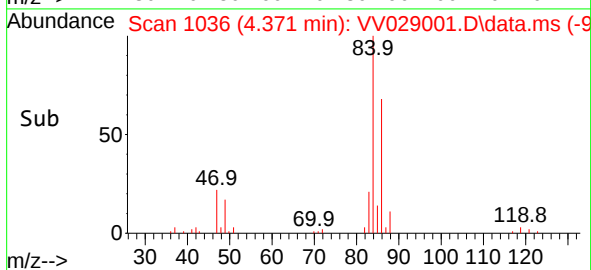
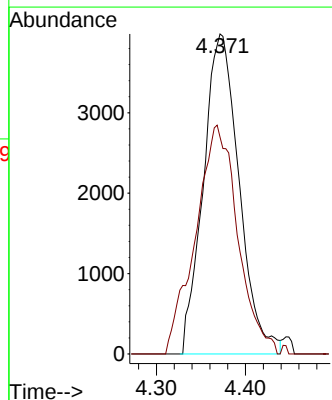
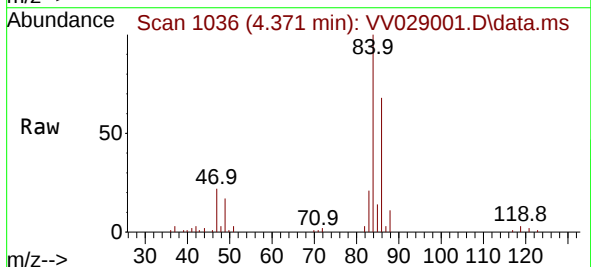
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 MSVOA_V
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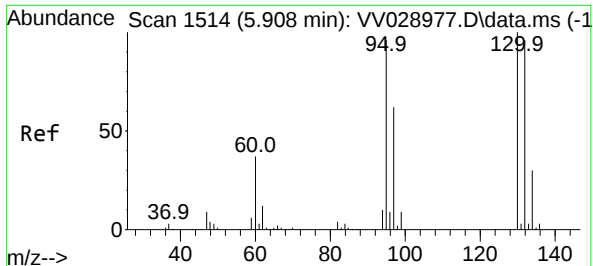
Tgt Ion: 96 Resp: 26431
 Ion Ratio Lower Upper
 96 100
 61 107.1 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.331 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VV029001.D
 Acq: 15 Nov 2022 20:12

Tgt Ion: 83 Resp: 11100
 Ion Ratio Lower Upper
 83 100
 85 67.7 43.7 81.1

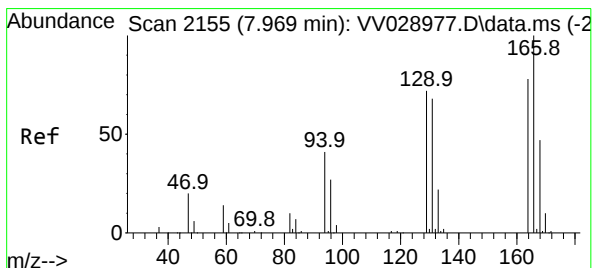
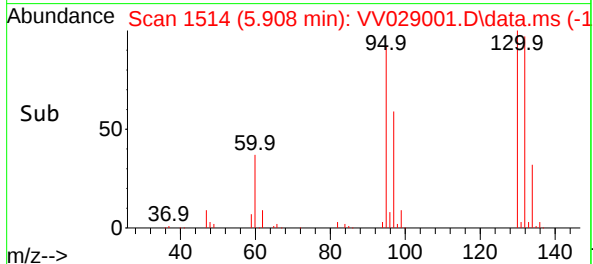
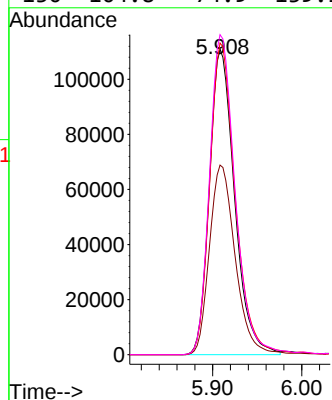
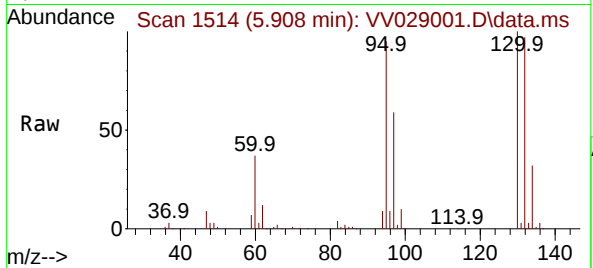




#34
Trichloroethene
Concen: 10.848 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029001.D
Acq: 15 Nov 2022 20:12

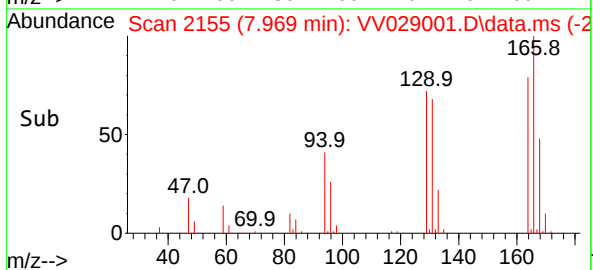
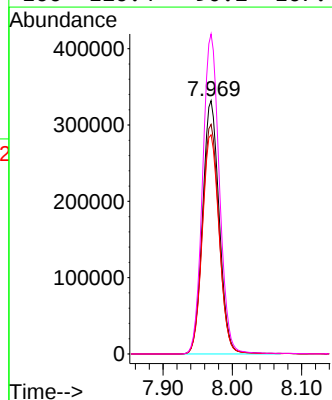
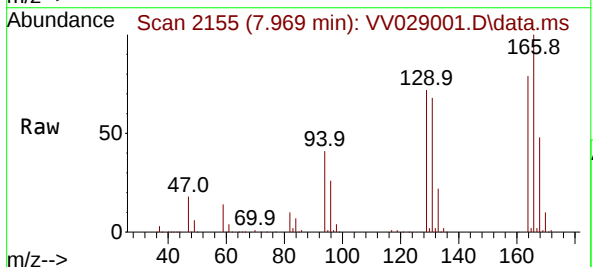
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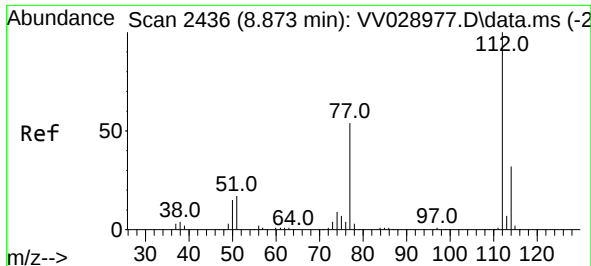
Tgt Ion: 95 Resp: 217206
Ion Ratio Lower Upper
95 100
97 62.1 45.6 84.8
132 102.1 69.1 128.3
130 104.8 74.9 139.1



#47
Tetrachloroethene
Concen: 34.402 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029001.D
Acq: 15 Nov 2022 20:12

Tgt Ion:164 Resp: 551569
Ion Ratio Lower Upper
164 100
129 90.6 63.9 118.7
131 86.6 61.8 114.8
166 126.4 90.2 167.4

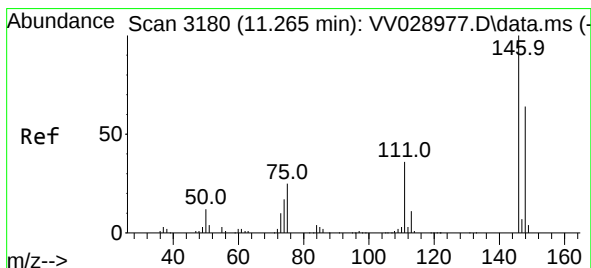
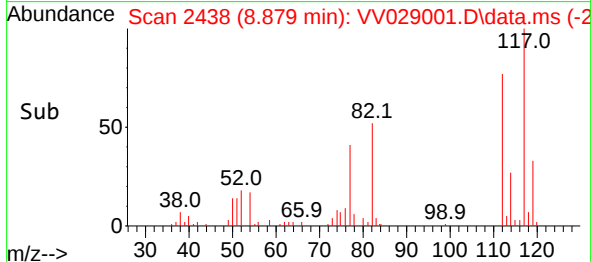
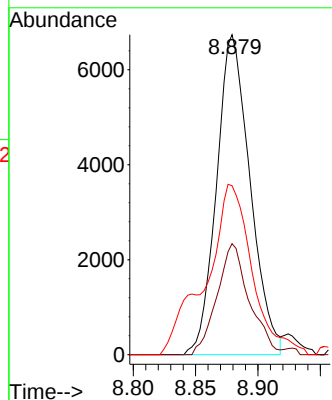
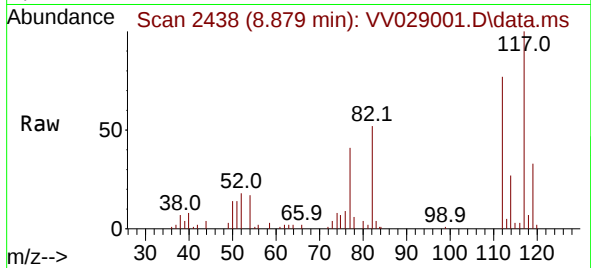




#51
Chlorobenzene
Concen: 0.242 ug/L
RT: 8.879 min Scan# 2436
Delta R.T. 0.006 min
Lab File: VV029001.D
Acq: 15 Nov 2022 20:12

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:112 Resp: 12633
Ion Ratio Lower Upper
112 100
114 34.7 22.4 41.6
77 52.8 44.4 66.6



#65
1,4-Dichlorobenzene
Concen: 0.733 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV029001.D
Acq: 15 Nov 2022 20:12

Tgt Ion:146 Resp: 26465
Ion Ratio Lower Upper
146 100
111 37.0 26.5 49.3
148 60.4 44.5 82.7

