

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV029997.D
 Acq On : 30 Jan 2023 17:23
 Operator : SY/MD
 Sample : 01314-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A44P0

Quant Time: Jan 31 02:20:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

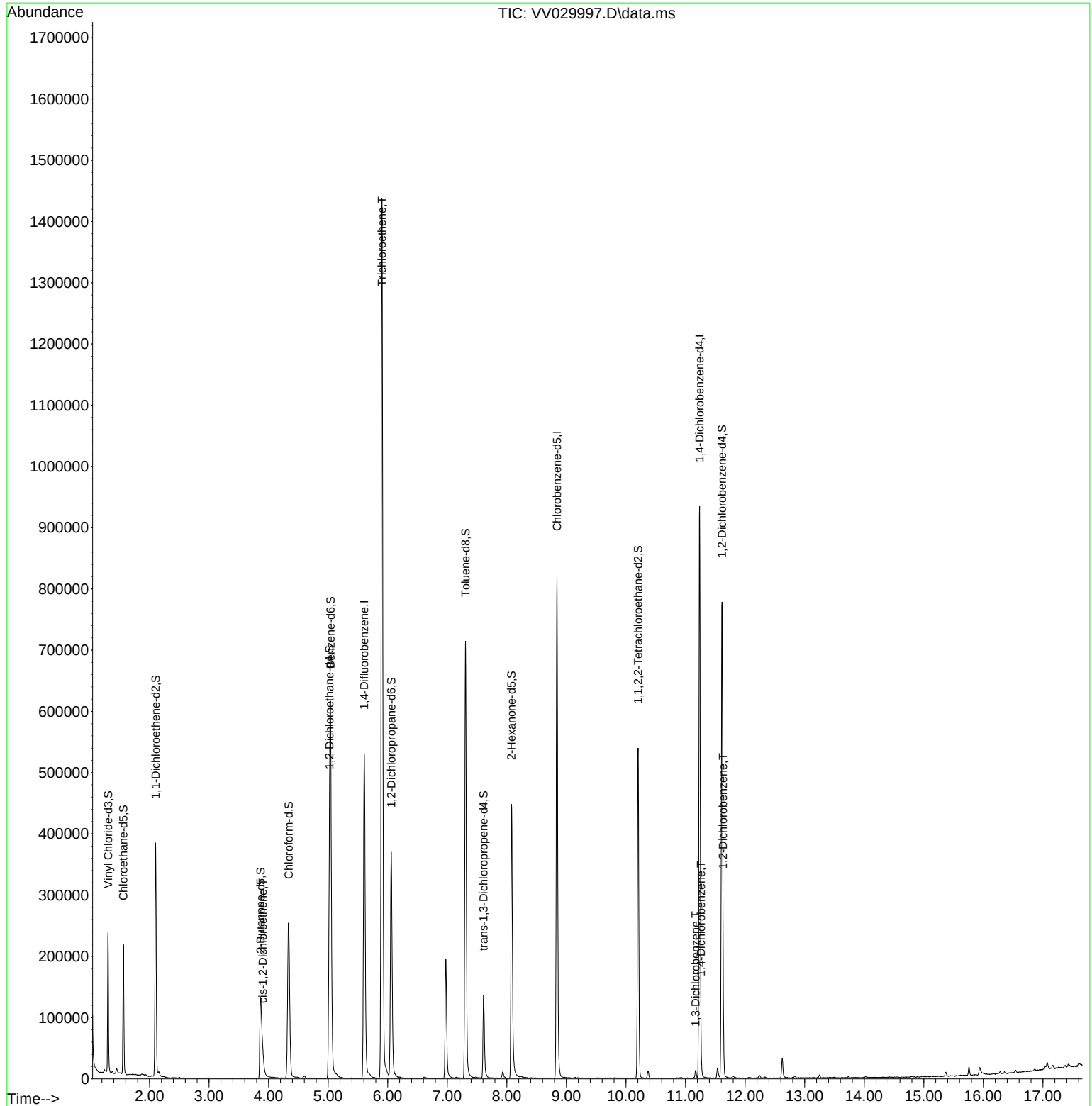
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	469430	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	459835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	247842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	146027	44.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.280%
7) Chloroethane-d5	1.561	69	135112	49.102	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.102	63	202356	34.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.620%
21) 2-Butanone-d5	3.864	46	207799	109.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.020%
24) Chloroform-d	4.336	84	272221	44.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	5.021	65	162971	47.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	5.040	84	573267	46.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.060	67	191612	50.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.200%
41) Toluene-d8	7.307	98	492611	43.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.380%
43) trans-1,3-Dichloroprop...	7.609	79	81900	48.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
47) 2-Hexanone-d5	8.079	63	170597	104.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.770%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	272745	46.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.080%
66) 1,2-Dichlorobenzene-d4	11.612	152	203437	46.068	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.902	96	11578	3.129	ug/L	94
34) Trichloroethene	5.902	95	514976	148.005	ug/L	97
64) 1,3-Dichlorobenzene	11.169	146	5548	0.743	ug/L	98
65) 1,4-Dichlorobenzene	11.259	146	6952	0.898	ug/L	90
67) 1,2-Dichlorobenzene	11.628	146	36545	4.860	ug/L	98

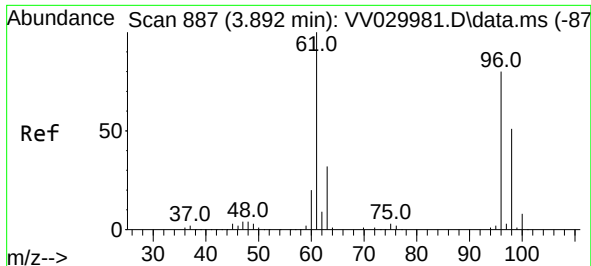
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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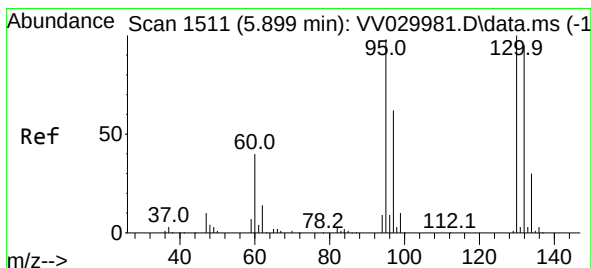
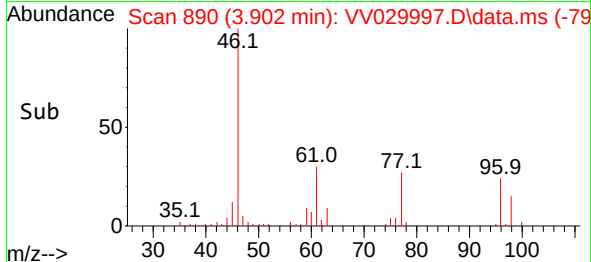
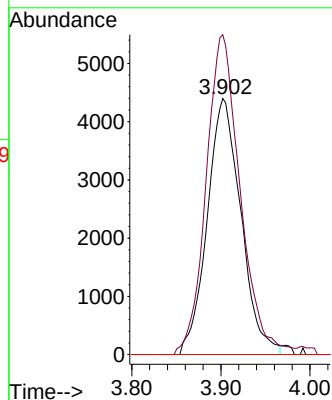
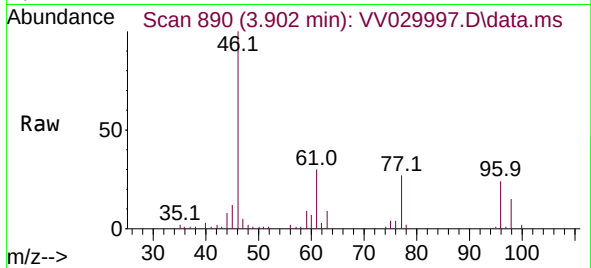




#20
 cis-1,2-Dichloroethene
 Concen: 3.129 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV029997.D
 Acq: 30 Jan 2023 17:23

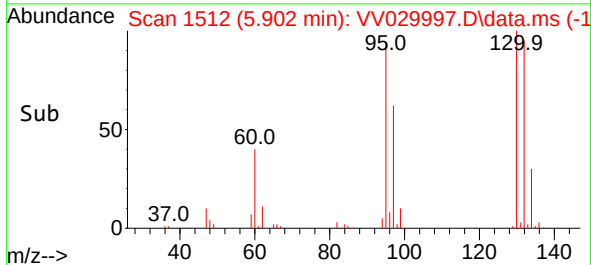
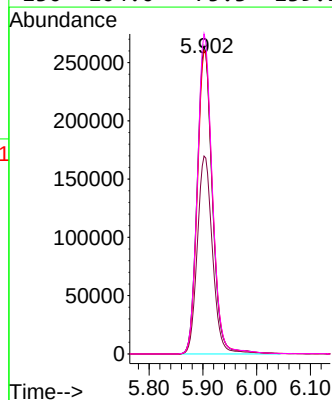
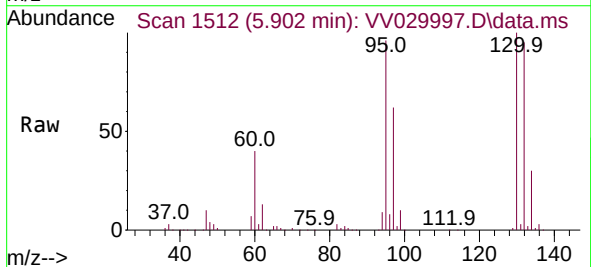
Instrument :
 MSVOA_V
 ClientSampleId :
 A44P0

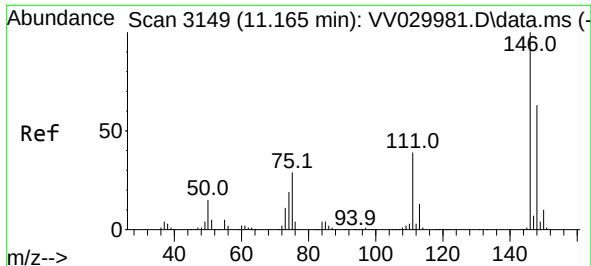
Tgt Ion: 96 Resp: 11578
 Ion Ratio Lower Upper
 96 100
 61 124.9 82.5 153.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 148.005 ug/L
 RT: 5.902 min Scan# 1512
 Delta R.T. 0.003 min
 Lab File: VV029997.D
 Acq: 30 Jan 2023 17:23

Tgt Ion: 95 Resp: 514976
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.5 86.5
 132 98.6 71.8 133.4
 130 104.0 75.3 139.9

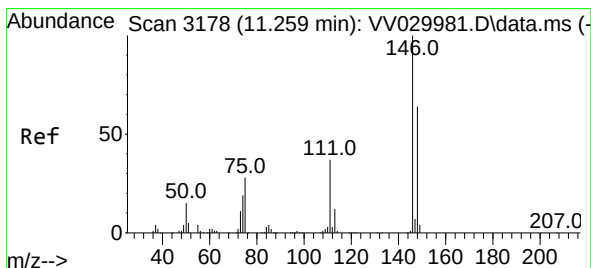
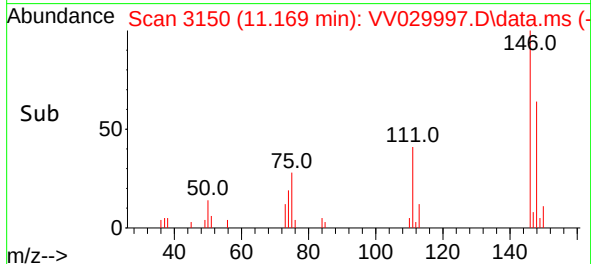
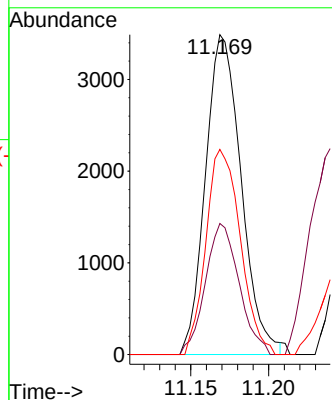
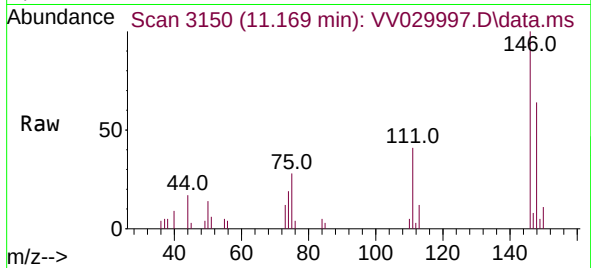




#64
1,3-Dichlorobenzene
Concen: 0.743 ug/L
RT: 11.169 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VV029997.D
Acq: 30 Jan 2023 17:23

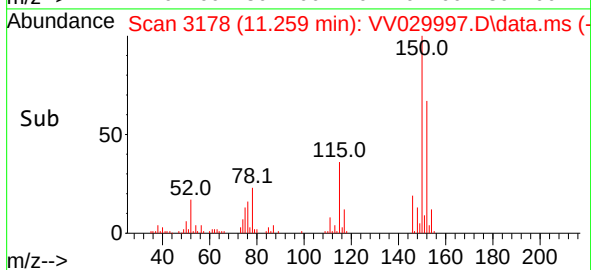
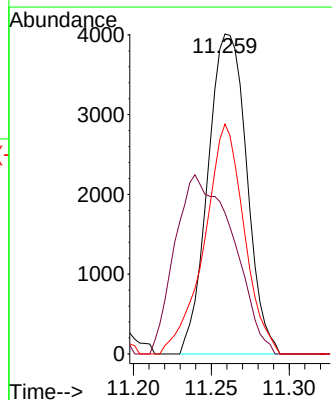
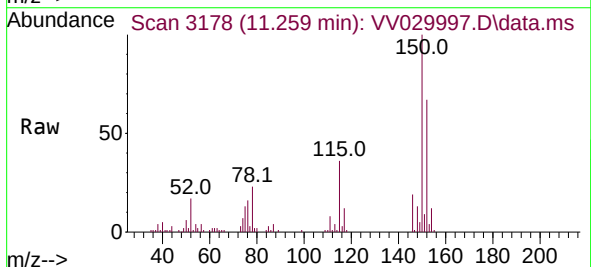
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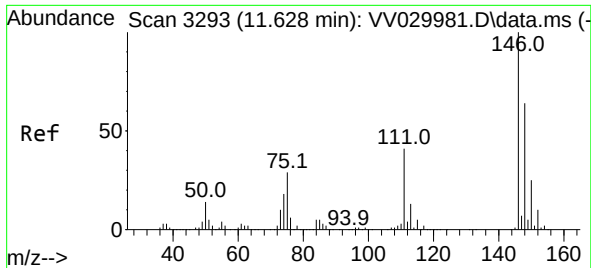
Tgt Ion:146 Resp: 5548
Ion Ratio Lower Upper
146 100
111 41.0 26.9 50.1
148 64.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 0.898 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. 0.000 min
Lab File: VV029997.D
Acq: 30 Jan 2023 17:23

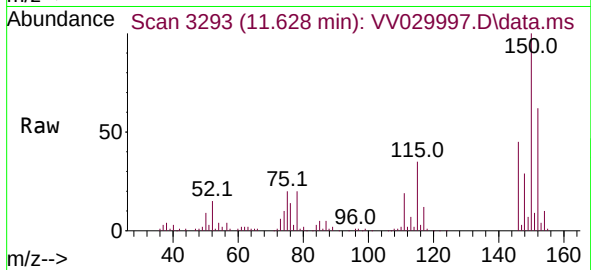
Tgt Ion:146 Resp: 6952
Ion Ratio Lower Upper
146 100
111 44.1 26.2 48.8
148 71.8 44.9 83.5





#67
 1,2-Dichlorobenzene
 Concen: 4.860 ug/L
 RT: 11.628 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029997.D
 Acq: 30 Jan 2023 17:23

Instrument :
 MSVOA_V
 ClientSampleId :
 A44P0



Tgt Ion:	146	Resp:	36545
Ion	Ratio	Lower	Upper
146	100		
111	42.9	32.7	49.1
148	63.4	51.0	76.4

