

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082323\
 Data File : VV031862.D
 Acq On : 23 Aug 2023 12:09
 Operator : SY/MD
 Sample : VV0823MBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 01:46:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:40:47 2023
 Response via : Initial Calibration

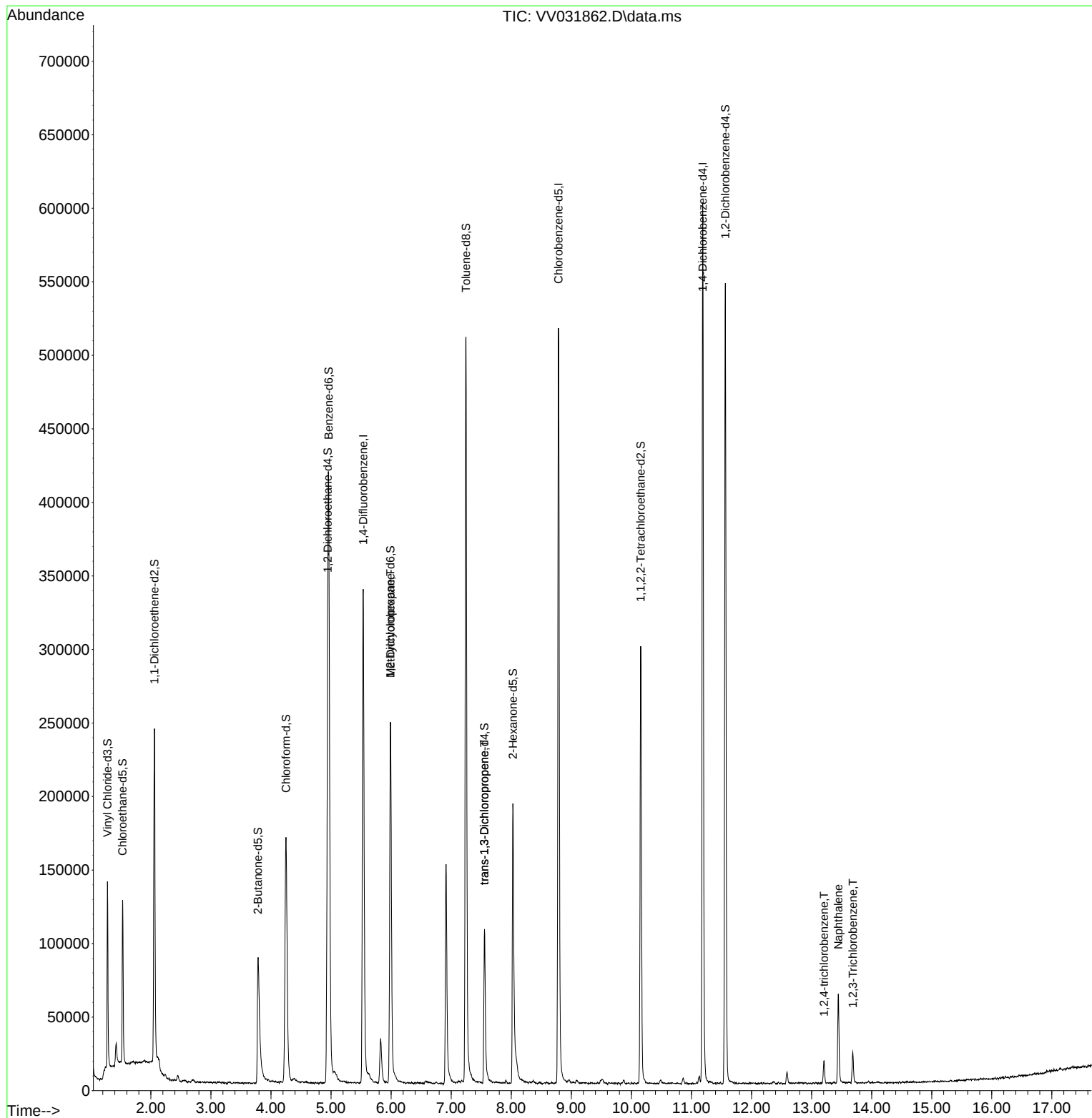
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	283401	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	277976	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	147421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	82446	46.484	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.960%	
7) Chloroethane-d5	1.529	69	73471	47.255	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.500%	
11) 1,1-Dichloroethene-d2	2.060	65	39071	47.045	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.100%	
21) 2-Butanone-d5	3.783	46	130084	93.254	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.250%	
24) Chloroform-d	4.249	84	179222	46.231	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.460%	
26) 1,2-Dichloroethane-d4	4.944	65	122210	47.503	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.000%	
32) Benzene-d6	4.960	84	367299	48.423	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.840%	
36) 1,2-Dichloropropane-d6	5.989	67	117795	48.249	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.500%	
41) Toluene-d8	7.246	98	339467	48.572	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.140%	
43) trans-1,3-Dichloroprop...	7.555	79	60424	47.751	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.500%	
47) 2-Hexanone-d5	8.027	63	67556	90.281	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.280%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	147735	46.828	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.660%	
66) 1,2-Dichlorobenzene-d4	11.564	152	130314	48.491	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.980%	
Target Compounds						
35) Methylcyclohexane	5.989	83	27854	9.168	ug/L	19
44) trans-1,3-Dichloropropene	7.555	75	2825	0.799	ug/L	83
70) 1,2,4-trichlorobenzene	13.207	180	4107	1.326	ug/L	100
71) Naphthalene	13.445	128	44218	4.469	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	5593	1.885	ug/L	98

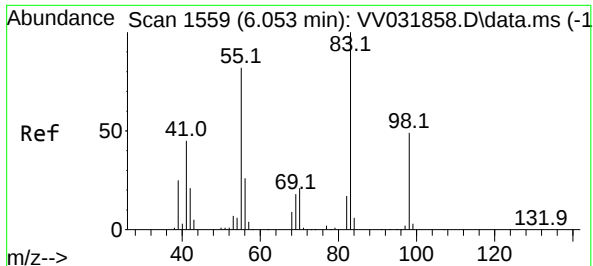
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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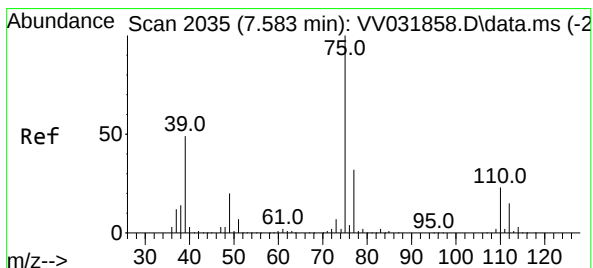
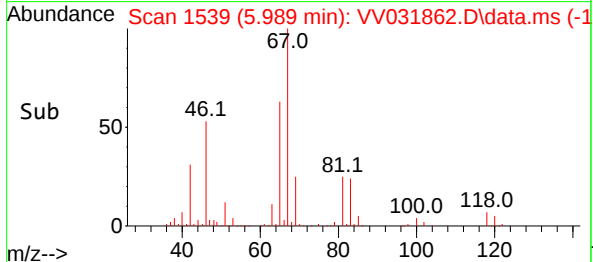
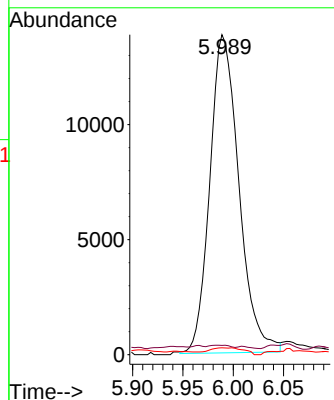
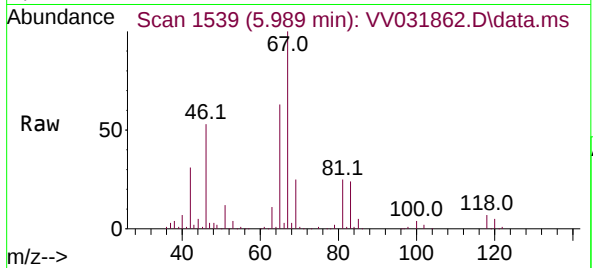




#35
Methylcyclohexane
Concen: 9.168 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV031862.D
Acq: 23 Aug 2023 12:09

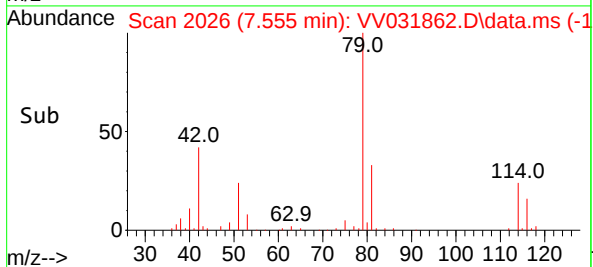
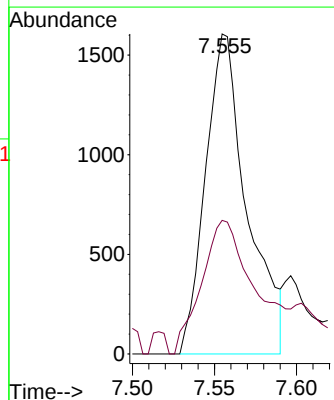
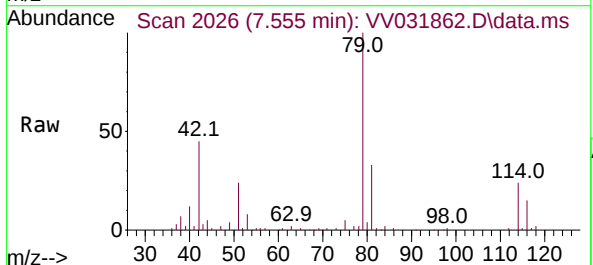
Instrument :
MSVOA_V
ClientSampleId :

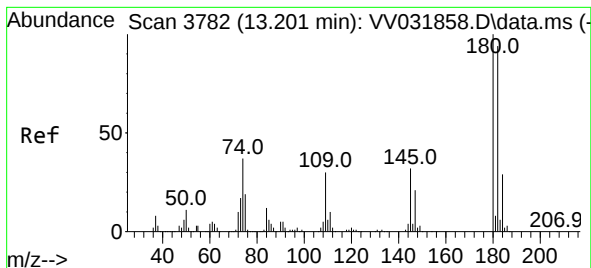
Tgt Ion: 83 Resp: 27854
Ion Ratio Lower Upper
83 100
55 0.6 62.2 93.2#
98 0.7 36.7 55.1#



#44
trans-1,3-Dichloropropene
Concen: 0.799 ug/L
RT: 7.555 min Scan# 2026
Delta R.T. -0.029 min
Lab File: VV031862.D
Acq: 23 Aug 2023 12:09

Tgt Ion: 75 Resp: 2825
Ion Ratio Lower Upper
75 100
77 41.8 22.5 41.9





#70

1,2,4-trichlorobenzene

Concen: 1.326 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV031862.D

Acq: 23 Aug 2023 12:09

Instrument :

MSVOA_V

ClientSampleId :

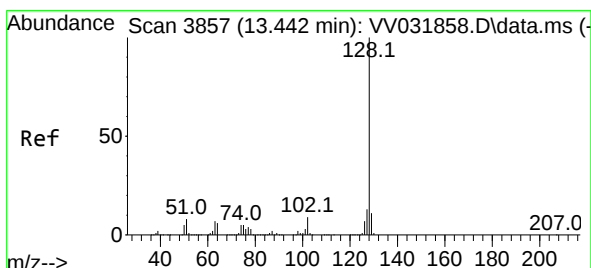
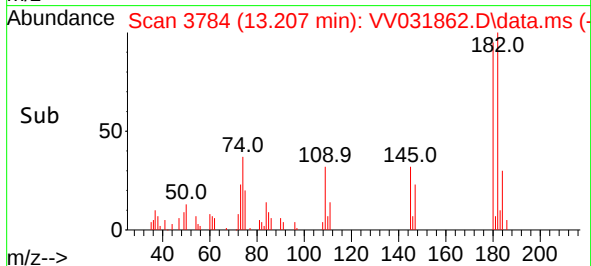
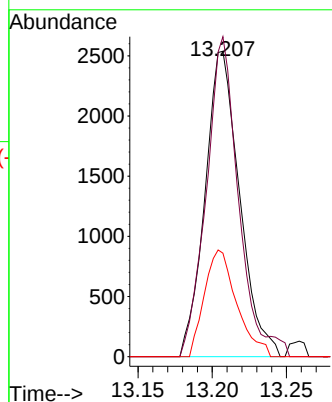
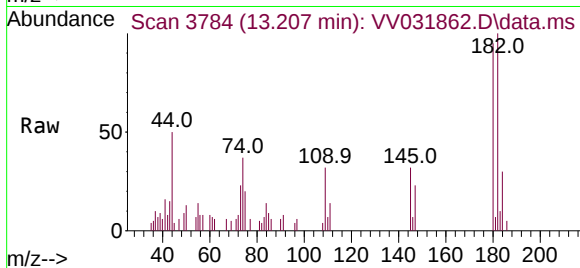
Tgt Ion:180 Resp: 4107

Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.2

145 32.7 26.0 39.0



#71

Naphthalene

Concen: 4.469 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV031862.D

Acq: 23 Aug 2023 12:09

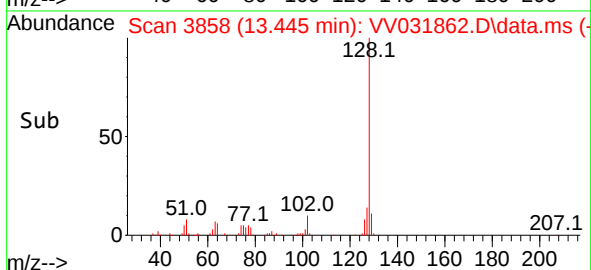
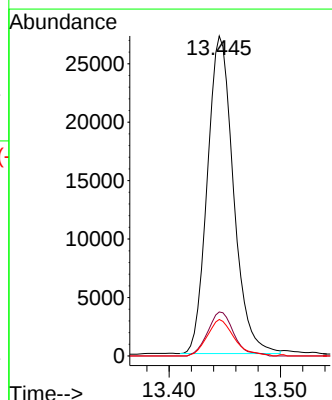
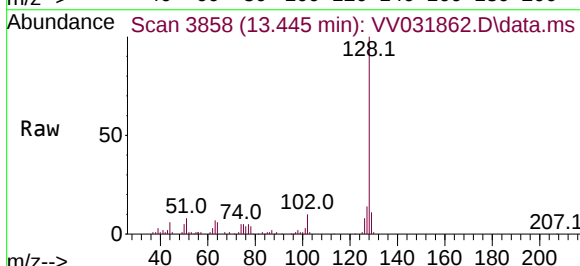
Tgt Ion:128 Resp: 44218

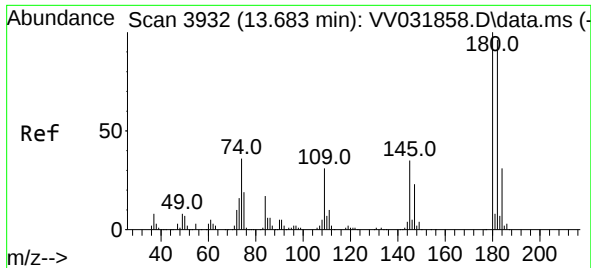
Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

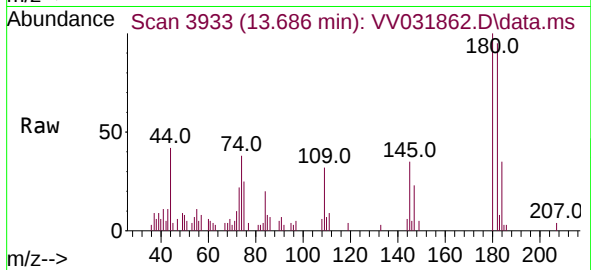
129 11.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.885 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.003 min
 Lab File: VV031862.D
 Acq: 23 Aug 2023 12:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 5593
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 145 38.8 27.7 41.5

