

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122023\
 Data File : VV033498.D
 Acq On : 20 Dec 2023 09:56
 Operator : SY/MD
 Sample : VV1220MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:44:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

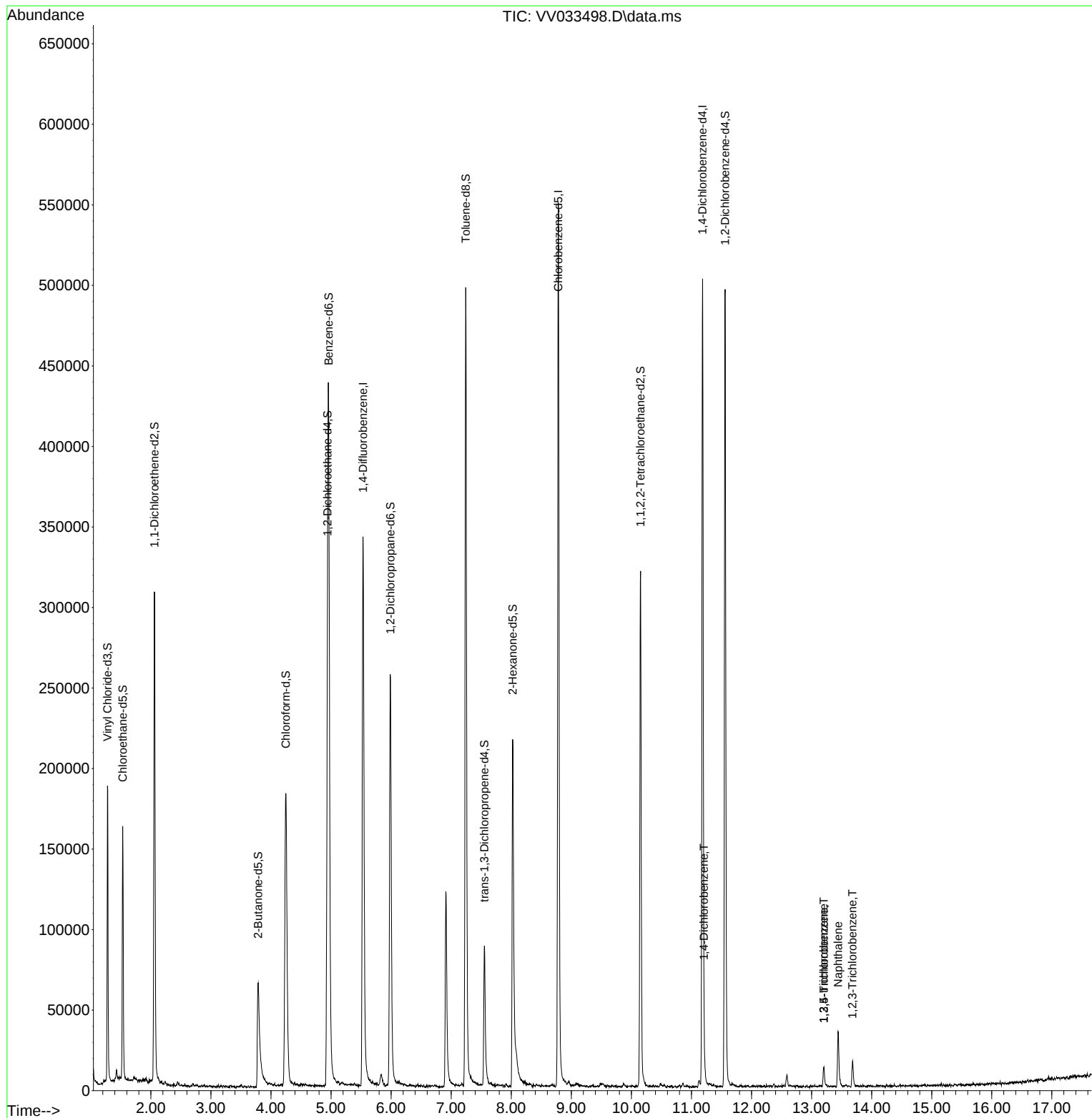
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	288362	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	124197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	117167	52.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.520%			
7) Chloroethane-d5	1.532	69	100630	50.496	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.000%			
11) 1,1-Dichloroethene-d2	2.060	65	51629	46.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.400%			
21) 2-Butanone-d5	3.786	46	110424	98.665	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.660%			
24) Chloroform-d	4.246	84	196752	44.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.580%			
26) 1,2-Dichloroethane-d4	4.941	65	127329	47.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.380%			
32) Benzene-d6	4.960	84	388247	49.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.240%			
36) 1,2-Dichloropropane-d6	5.989	67	122464	51.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.140%			
41) Toluene-d8	7.243	98	321895	44.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.920%			
43) trans-1,3-Dichloroprop...	7.551	79	49674	42.685	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.380%			
47) 2-Hexanone-d5	8.024	63	71872	89.990	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.990%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	153391	44.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.900%			
66) 1,2-Dichlorobenzene-d4	11.561	152	117502	50.347	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.700%			
Target Compounds						
					Qvalue	
65) 1,4-Dichlorobenzene	11.210	146	2450	0.621	ug/L	92
69) 1,3,5-Trichlorobenzene	13.204	180	3559	1.404	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	3559	1.606	ug/L	94
71) Naphthalene	13.442	128	26949	4.520	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	4104	1.893	ug/L	93

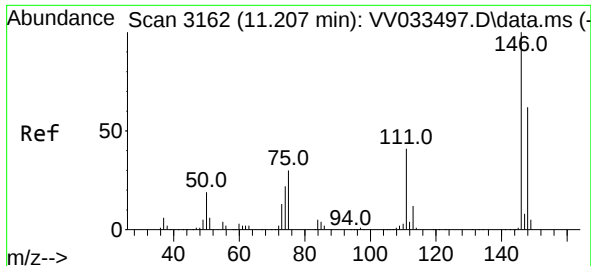
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 21 01:43:54 2023
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#65

1,4-Dichlorobenzene

Concen: 0.621 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033498.D

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Instrument :

MSVOA_V

ClientSampleId :

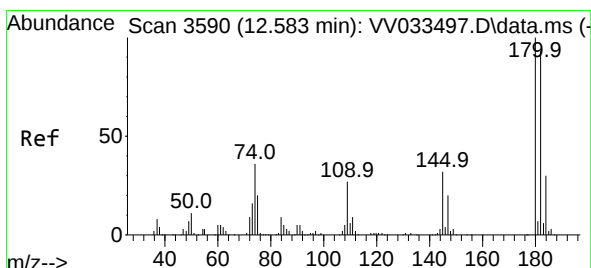
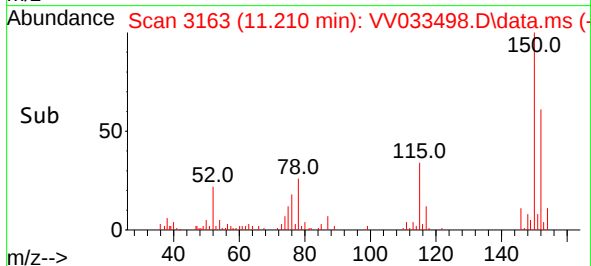
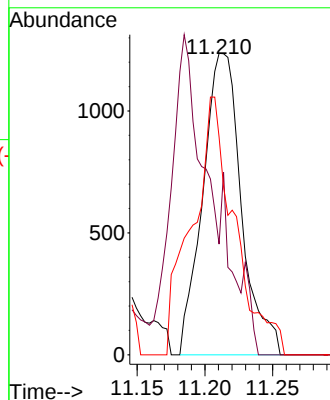
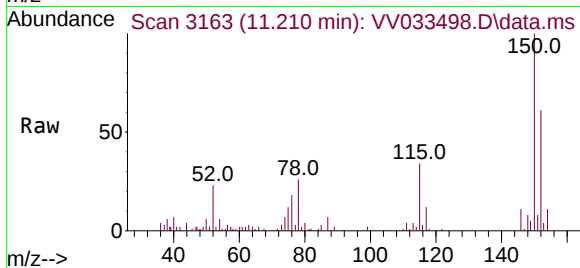
Tgt Ion:146 Resp: 2450

Ion Ratio Lower Upper

146 100

111 36.7 27.9 51.7

148 72.2 45.5 84.5



#69

1,3,5-Trichlorobenzene

Concen: 1.404 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.621 min

Lab File: VV033498.D

Acq: 20 Dec 2023 09:56

Tgt Ion:180 Resp: 3559

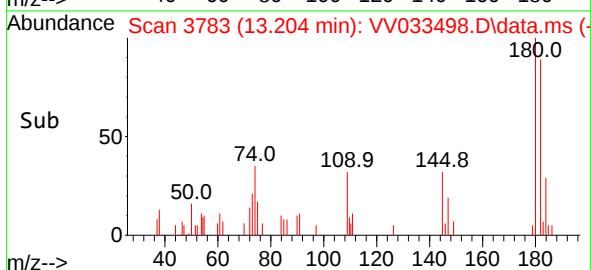
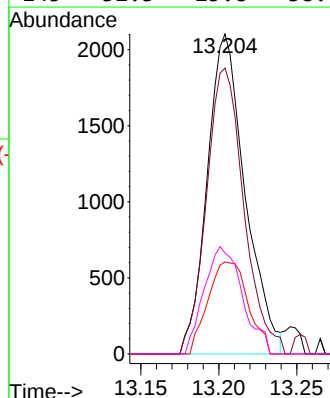
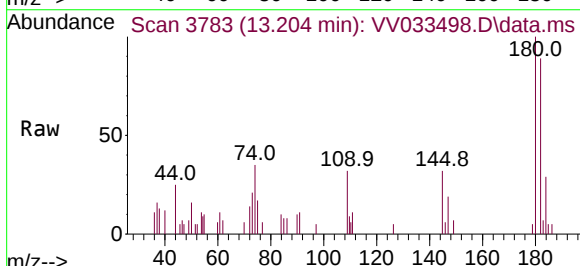
Ion Ratio Lower Upper

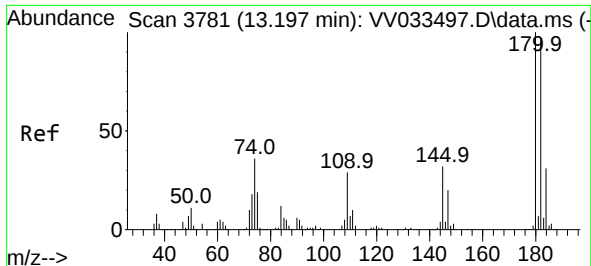
180 100

182 87.9 76.2 114.4

184 30.3 24.4 36.6

145 32.3 25.8 38.6

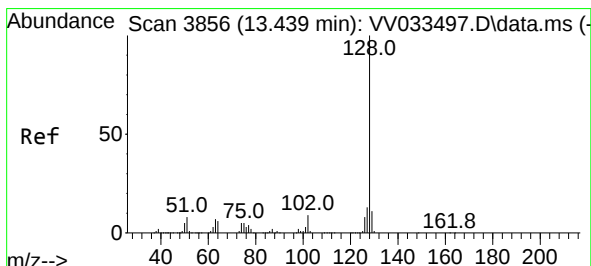
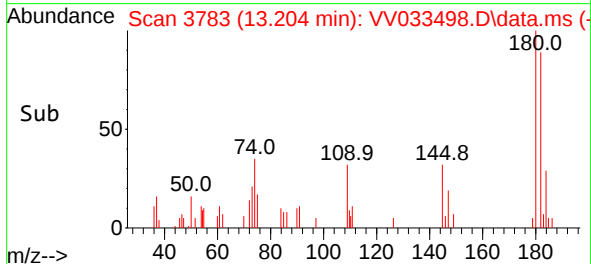
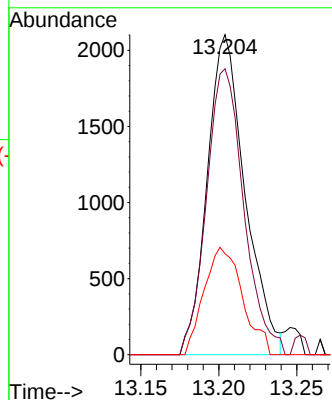
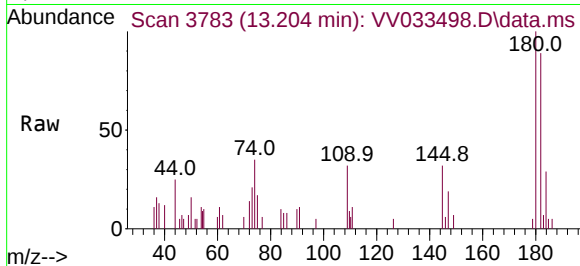




#70
1,2,4-trichlorobenzene
Concen: 1.606 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV033498.D
Acq: 20 Dec 2023 09:56

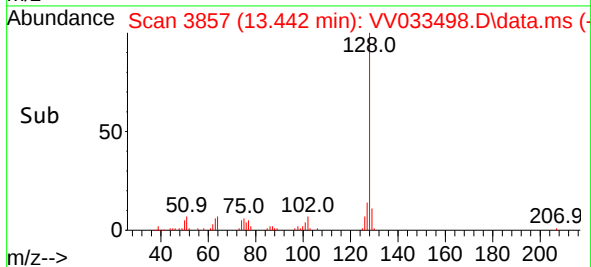
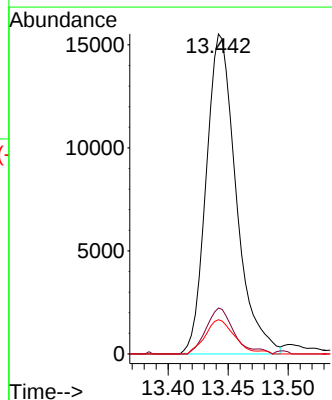
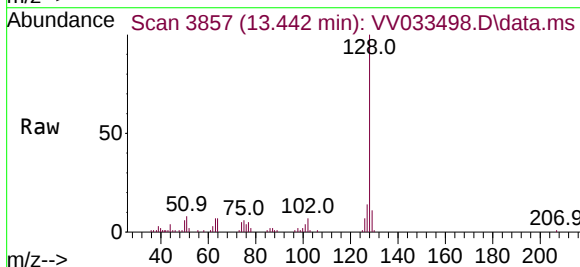
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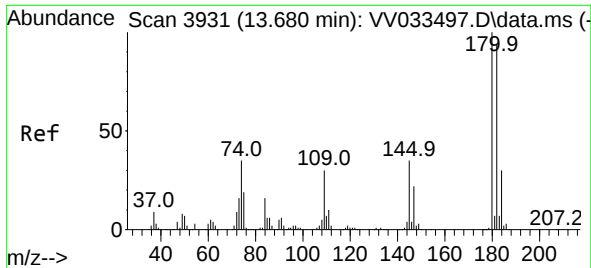
Tgt Ion:180 Resp: 3559
Ion Ratio Lower Upper
180 100
182 87.9 76.1 114.1
145 32.3 25.6 38.4



#71
Naphthalene
Concen: 4.520 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033498.D
Acq: 20 Dec 2023 09:56

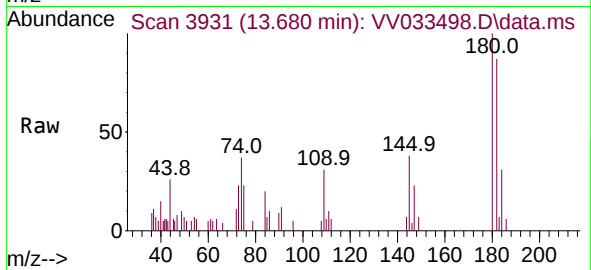
Tgt Ion:128 Resp: 26949
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.3 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.893 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.000 min
 Lab File: VV033498.D
 Acq: 20 Dec 2023 09:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	4104
Ion Ratio	Lower	Upper	
180	100		
182	102.2	76.2	114.2
145	38.0	27.1	40.7

