

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121923\
 Data File : VV033470.D
 Acq On : 19 Dec 2023 12:16
 Operator : SY/MD
 Sample : VV1219MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 00:24:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:24:21 2023
 Response via : Initial Calibration

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

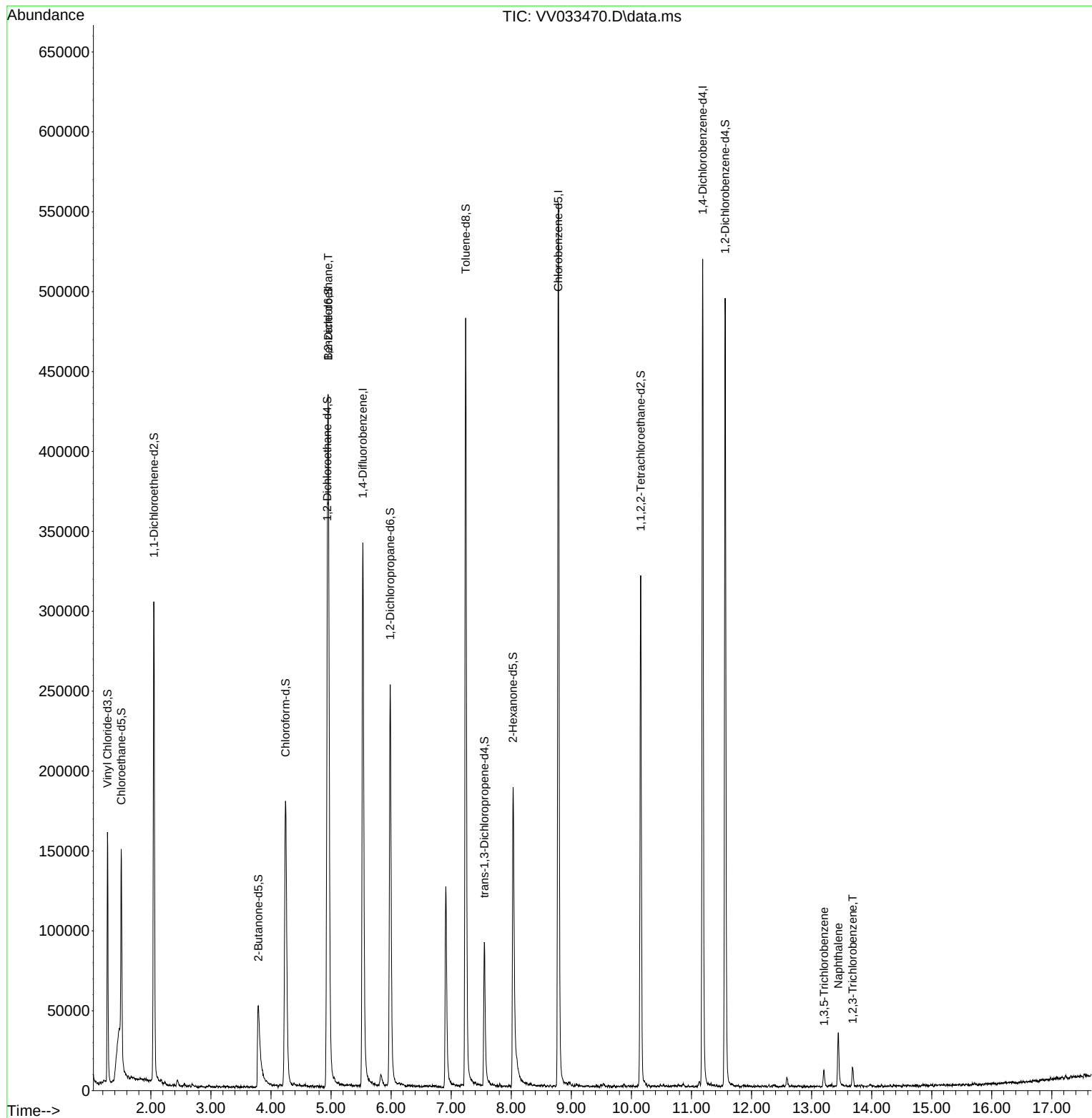
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	285197	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	126437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	105145	47.874	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.740%		
7) Chloroethane-d5	1.507	69	68290	34.648	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.300%#		
11) 1,1-Dichloroethene-d2	2.050	65	52261	47.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.600%		
21) 2-Butanone-d5	3.789	46	97858	88.407	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.410%		
24) Chloroform-d	4.243	84	191086	43.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.960%		
26) 1,2-Dichloroethane-d4	4.937	65	128778	48.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.500%		
32) Benzene-d6	4.953	84	371611	46.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.740%		
36) 1,2-Dichloropropane-d6	5.986	67	117914	49.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.020%		
41) Toluene-d8	7.243	98	312543	43.084	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.160%		
43) trans-1,3-Dichloroprop...	7.551	79	51823	43.947	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.900%		
47) 2-Hexanone-d5	8.030	63	67128	82.946	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.950%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	151339	43.762	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.520%		
66) 1,2-Dichlorobenzene-d4	11.561	152	115799	48.738	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.480%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	4.953	62	2801	0.887	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	2688	1.042	ug/L	94
71) Naphthalene	13.445	128	26592	4.381	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	3321	1.505	ug/L #	85

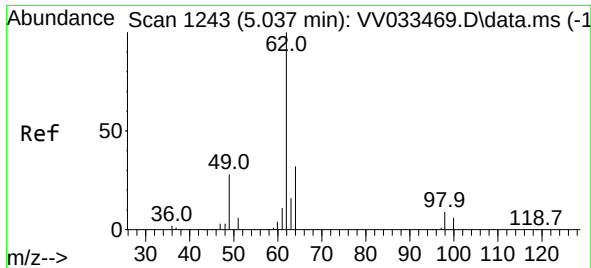
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:24:21 2023
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.887 ug/L

RT: 4.953 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV033470.D

Acq: 19 Dec 2023 12:16

Instrument :

MSVOA_V

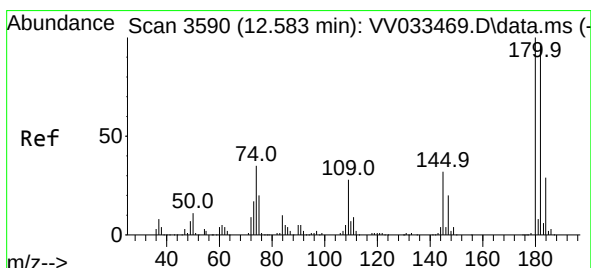
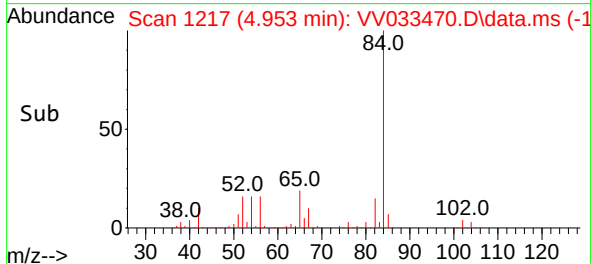
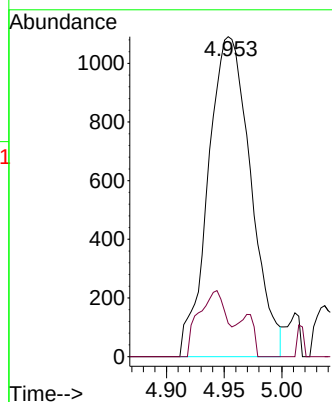
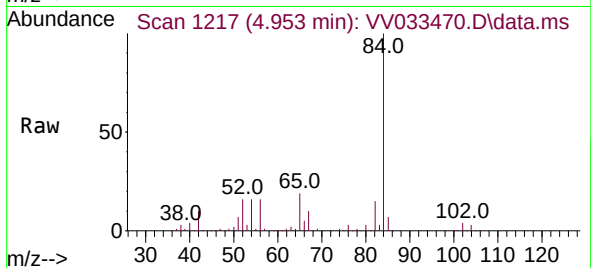
ClientSampleId :

Tgt Ion: 62 Resp: 2801

Ion Ratio Lower Upper

62 100

98 10.4 8.0 12.0



#69

1,3,5-Trichlorobenzene

Concen: 1.042 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.624 min

Lab File: VV033470.D

Acq: 19 Dec 2023 12:16

Tgt Ion:180 Resp: 2688

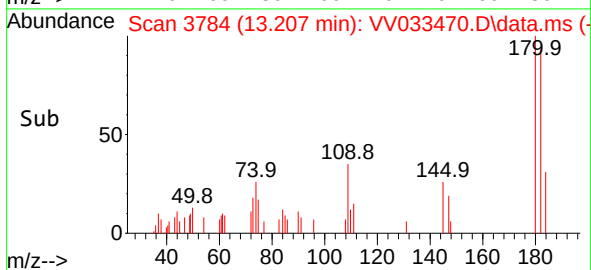
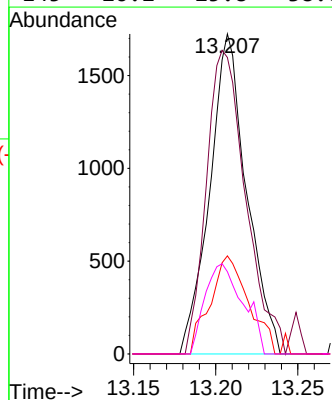
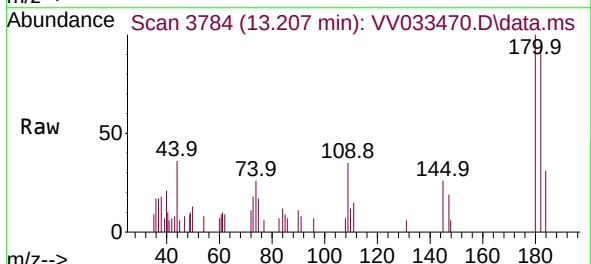
Ion Ratio Lower Upper

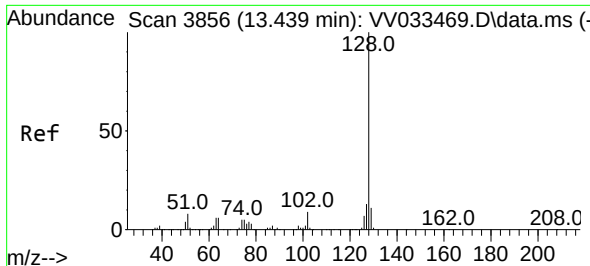
180 100

182 101.3 76.2 114.4

184 32.0 24.4 36.6

145 26.2 25.8 38.6

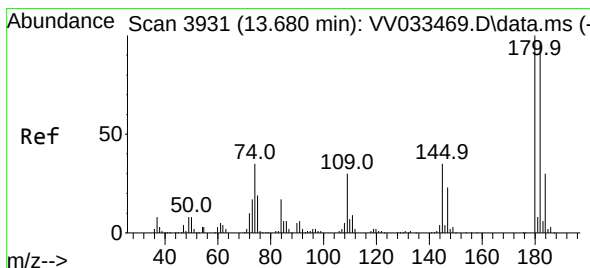
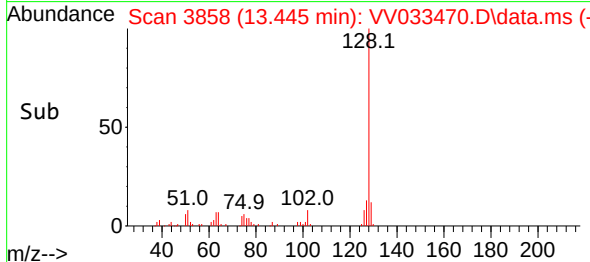
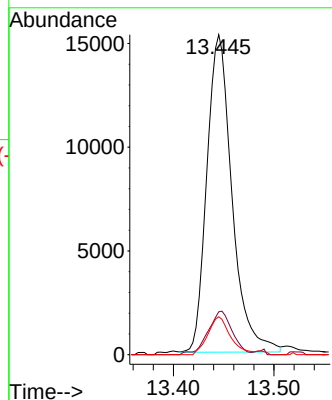
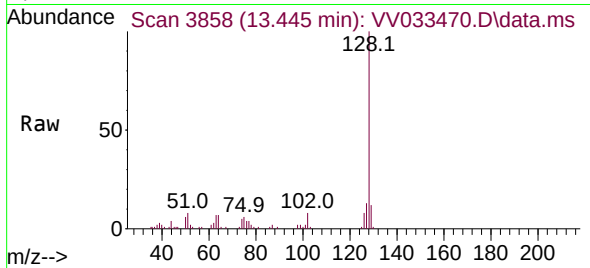




#71
Naphthalene
Concen: 4.381 ug/L
RT: 13.445 min Scan# 3856
Delta R.T. 0.006 min
Lab File: VV033470.D
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Instrument :
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ClientSampleId :

Tgt Ion:128	Resp:	26592
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.4 15.6
129	10.7	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.505 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033470.D
Acq: 19 Dec 2023 12:16

Tgt Ion:180	Resp:	3321
Ion Ratio	Lower	Upper
180	100	
182	86.7	76.2 114.2
145	14.8	27.1 40.7#

