

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036236.D
 Acq On : 24 Jun 2024 11:11
 Operator : SY/MD
 Sample : VV0624SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 04:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 04:55:15 2024
 Response via : Initial Calibration

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

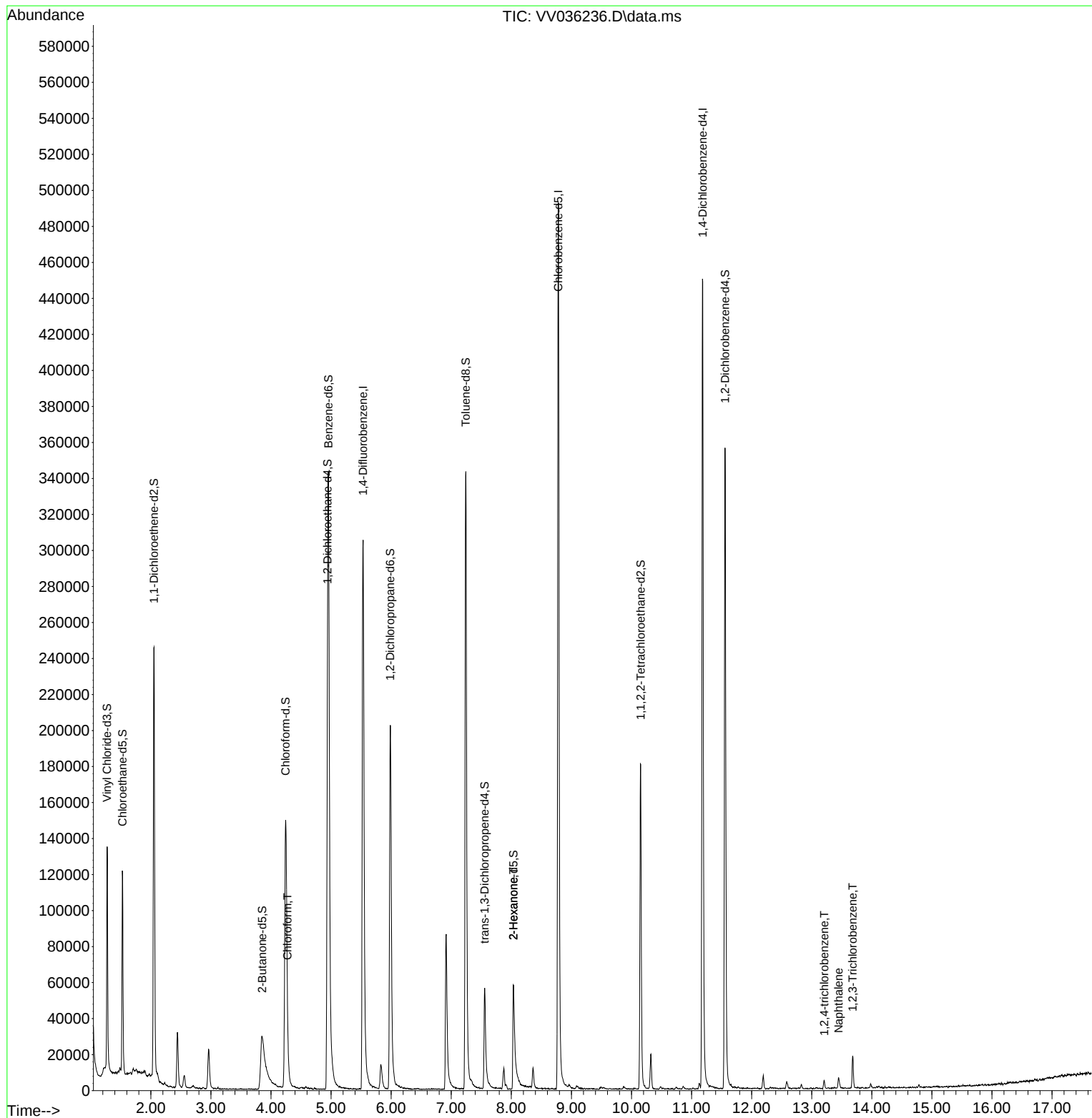
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	274124	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	122251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	80159	15.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.640%
7) Chloroethane-d5	1.526	69	74764	18.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.050	65	40594	18.093	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.360%
21) 2-Butanone-d5	3.854	46	26791	23.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.340%
24) Chloroform-d	4.243	84	167877	19.263	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.040%
26) 1,2-Dichloroethane-d4	4.941	65	94763	20.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.960%
32) Benzene-d6	4.957	84	305327	18.218	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.880%
36) 1,2-Dichloropropane-d6	5.985	67	105259	19.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.760%
41) Toluene-d8	7.243	98	247142	16.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.840%
43) trans-1,3-Dichloroprop...	7.555	79	37940	17.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.120%
47) 2-Hexanone-d5	8.034	63	24096	33.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.400%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	90080	22.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.360%
66) 1,2-Dichlorobenzene-d4	11.558	152	95250	21.247	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
25) Chloroform	4.275	83	4606	0.504	ug/L #	68
48) 2-Hexanone	8.034	43	2765	1.344	ug/L #	60
70) 1,2,4-trichlorobenzene	13.207	180	1862	0.384	ug/L #	87
71) Naphthalene	13.448	128	5759	0.727	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.680	180	1565	0.354	ug/L	85

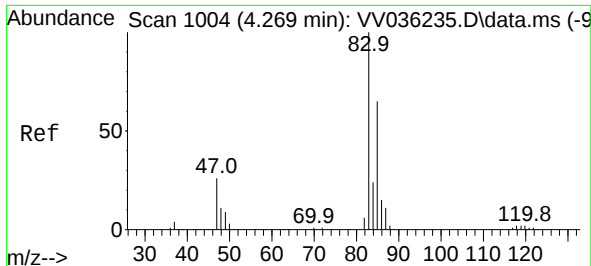
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_V\Data\VV062424\
Data File : VV036236.D
Acq On : 24 Jun 2024 11:11
Operator : SY/MD
Sample : VV0624SBL01
Misc : 5.00g/10.0mL/MSV0A_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :

Quant Time: Jun 25 04:55:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 04:55:15 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 0.504 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036236.D

Acq: 24 Jun 2024 11:11

Instrument :

MSVOA_V

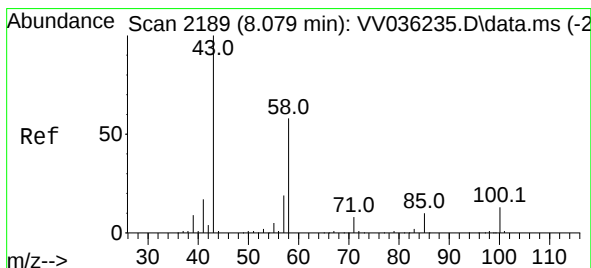
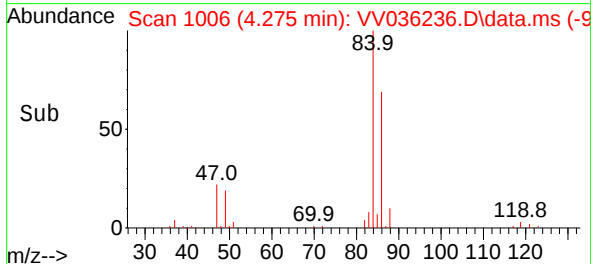
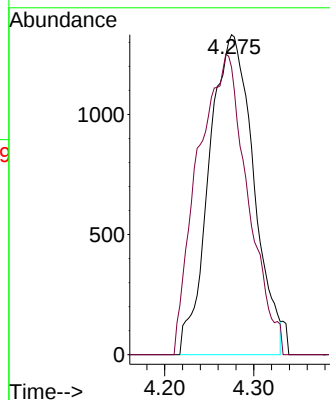
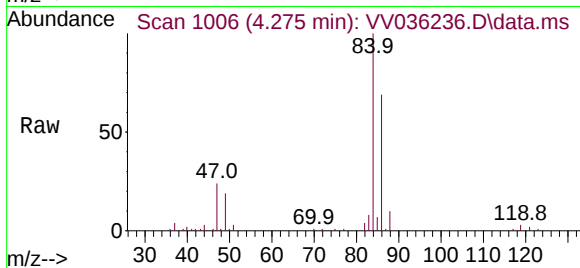
ClientSampleId :

Tgt Ion: 83 Resp: 4606

Ion Ratio Lower Upper

83 100

85 89.8 45.2 84.0#



#48

2-Hexanone

Concen: 1.344 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

Lab File: VV036236.D

Acq: 24 Jun 2024 11:11

Tgt Ion: 43 Resp: 2765

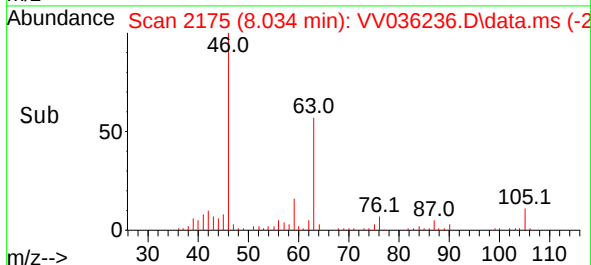
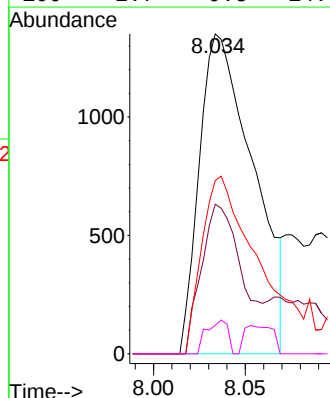
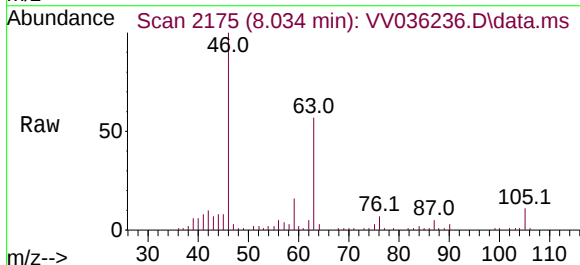
Ion Ratio Lower Upper

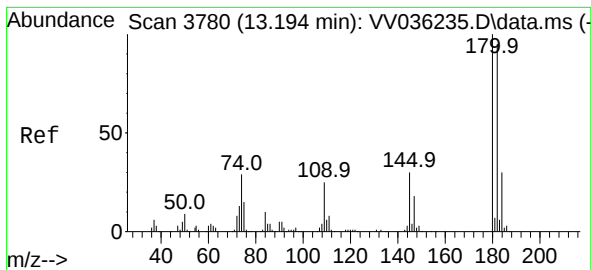
43 100

58 35.4 45.4 68.0#

57 57.9 15.8 23.8#

100 2.7 9.8 14.8#





#70

1,2,4-trichlorobenzene

Concen: 0.384 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.013 min

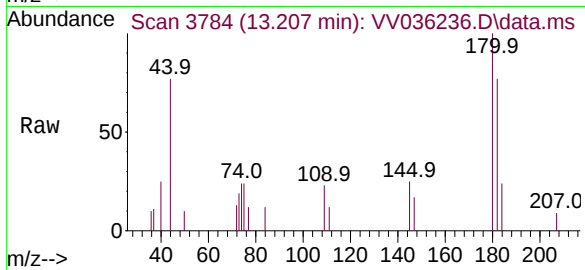
Lab File: VV036236.D

Acq: 24 Jun 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :



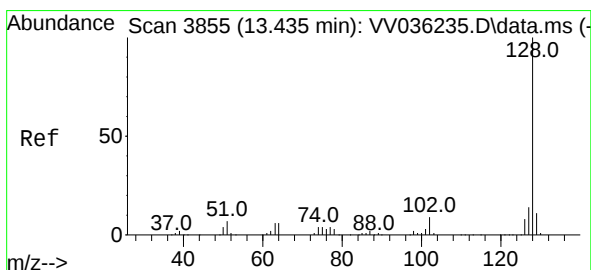
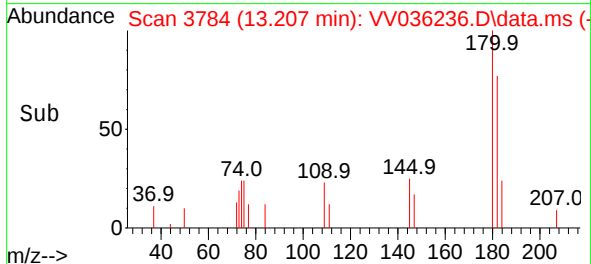
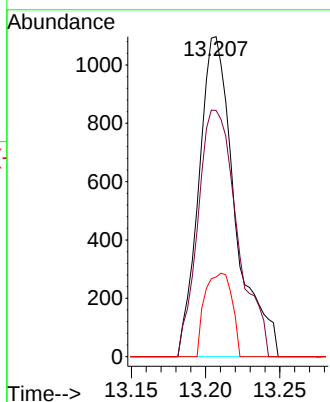
Tgt Ion:180 Resp: 1862

Ion Ratio Lower Upper

180 100

182 83.6 76.1 114.1

145 19.4 23.5 35.3#



#71

Naphthalene

Concen: 0.727 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV036236.D

Acq: 24 Jun 2024 11:11

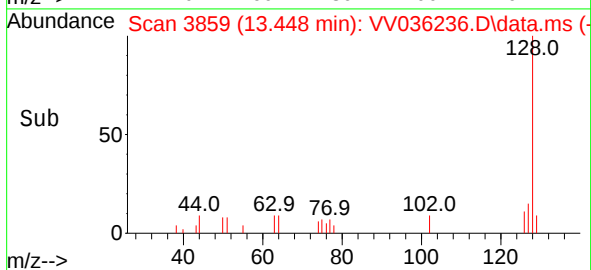
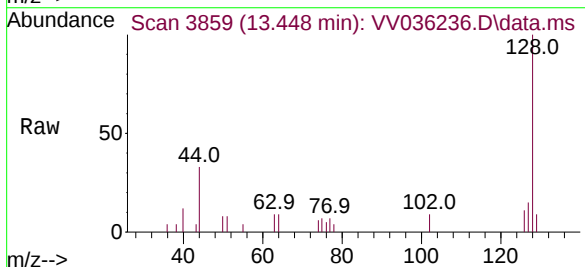
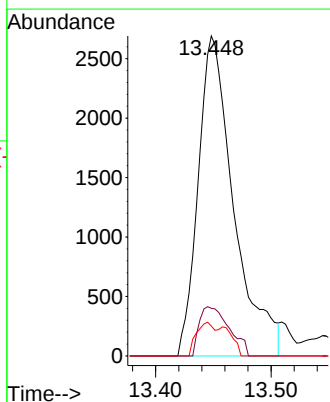
Tgt Ion:128 Resp: 5759

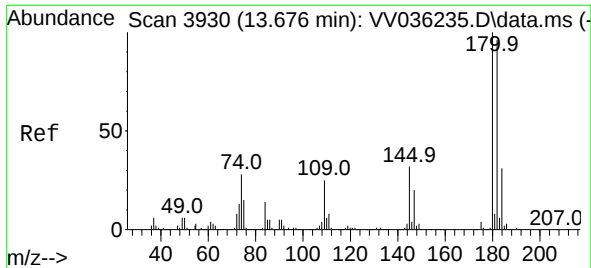
Ion Ratio Lower Upper

128 100

127 12.0 10.6 16.0

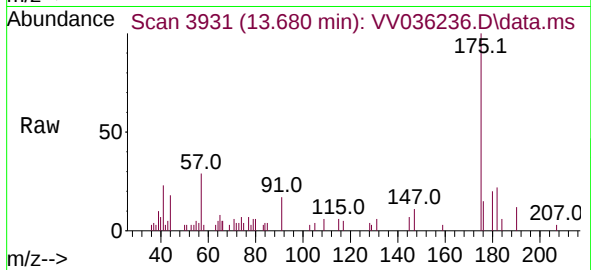
129 5.3 8.8 13.2#





#72
1,2,3-Trichlorobenzene
Concen: 0.354 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV036236.D
Acq: 24 Jun 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	180	Resp:	1565
Ion Ratio	Lower	Upper	
180	100		
182	111.7	75.1	112.7
145	35.0	25.2	37.8

