

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035862.D
 Acq On : 29 May 2024 14:57
 Operator : SY/MD
 Sample : P2632-10
 Misc : 4.69g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:18:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
 Response via : Initial Calibration

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

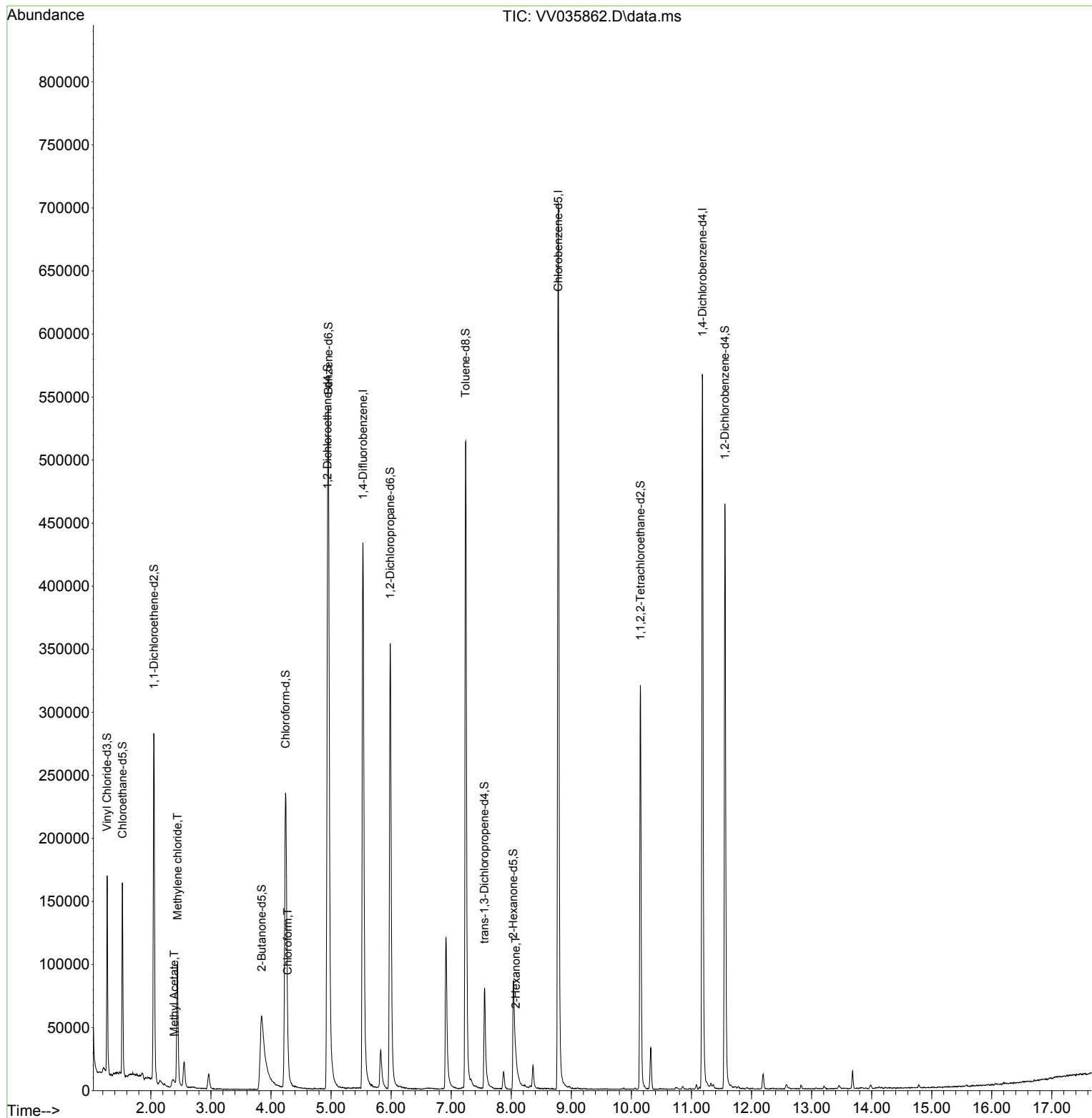
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	391589	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394122	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	105124	17.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.480%
7) Chloroethane-d5	1.526	69	101470	20.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
11) 1,1-Dichloroethene-d2	2.050	65	48593	18.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.520%
21) 2-Butanone-d5	3.844	46	43985	25.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.220%
24) Chloroform-d	4.243	84	264359	22.708	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	4.941	65	168022	29.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.760%
32) Benzene-d6	4.957	84	473246	21.936	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	5.986	67	184712	27.743	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.960%
41) Toluene-d8	7.240	98	360832	18.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.160%
43) trans-1,3-Dichloroprop...	7.555	79	52812	18.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.200%
47) 2-Hexanone-d5	8.034	63	31298	26.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.280%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	159713	24.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	123522	23.070	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.280%
Target Compounds						Qvalue
15) Methyl Acetate	2.388	43	1473	0.387	ug/L	99
16) Methylene chloride	2.442	84	42169	4.670	ug/L	91
25) Chloroform	4.278	83	8156	0.618	ug/L	97
48) 2-Hexanone	8.079	43	11954	3.912	ug/L #	35

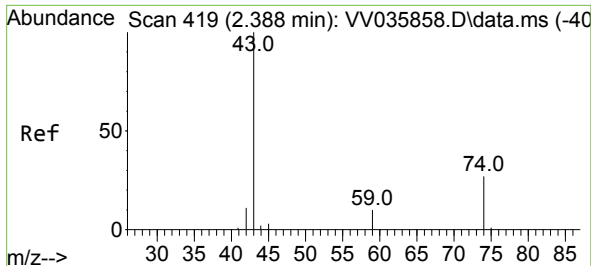
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration

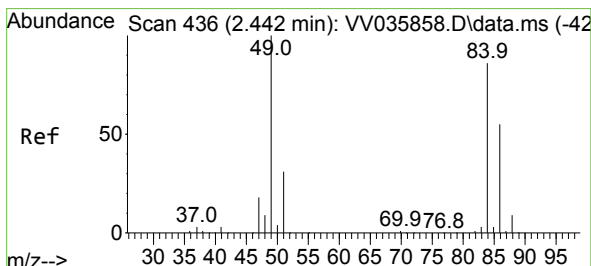
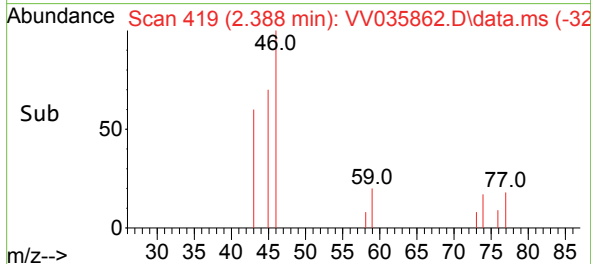
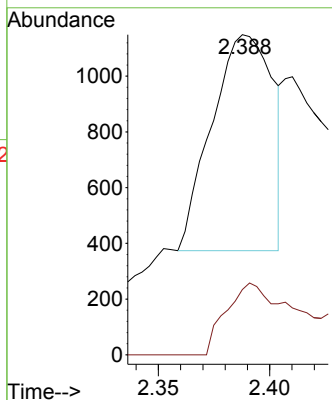
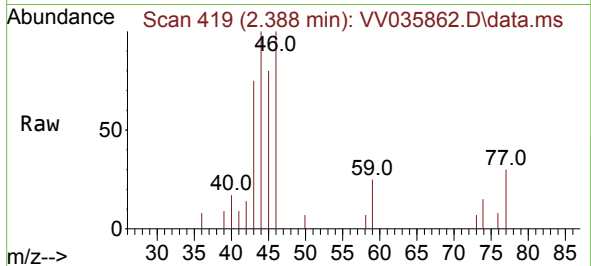




#15
Methyl Acetate
Concen: 0.387 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV035862.D
Acq: 29 May 2024 14:57

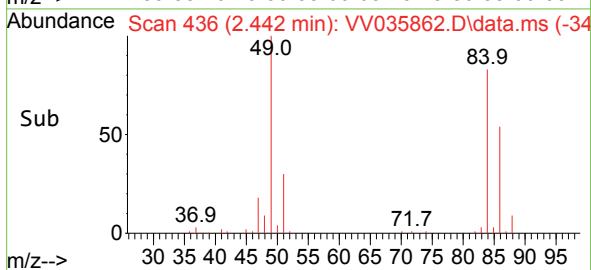
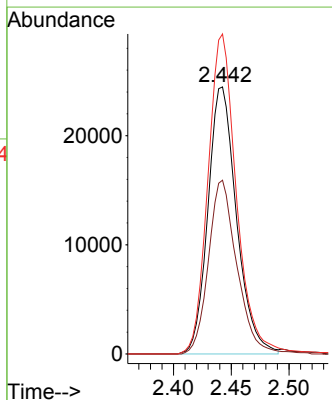
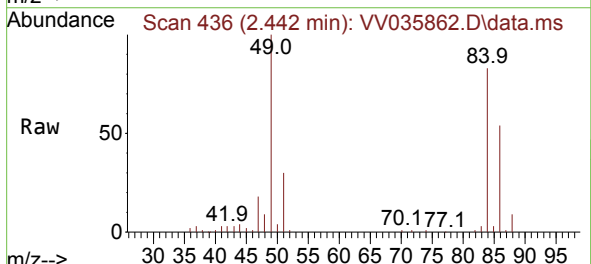
Instrument :
MSVOA_V
ClientSampleId :

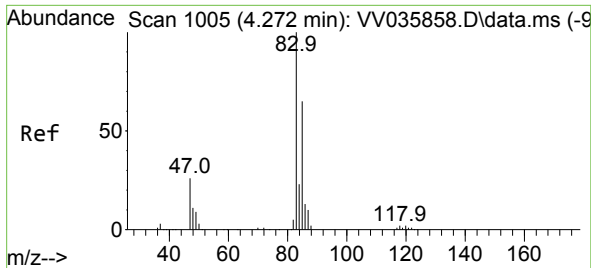
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
74 22.7 18.6 27.8



#16
Methylene chloride
Concen: 4.670 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035862.D
Acq: 29 May 2024 14:57

Tgt Ion: 84 Resp: 42169
Ion Ratio Lower Upper
84 100
86 65.1 43.8 81.3
49 119.8 75.3 139.9

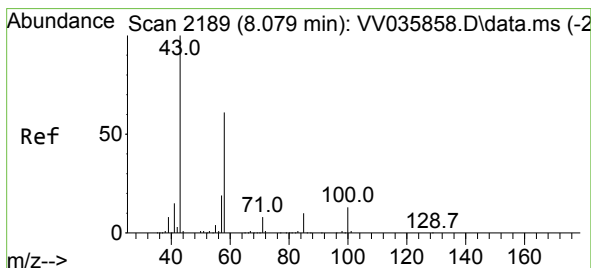
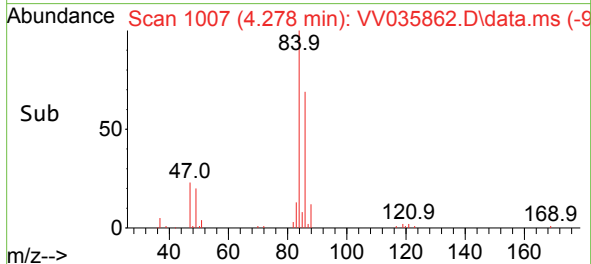
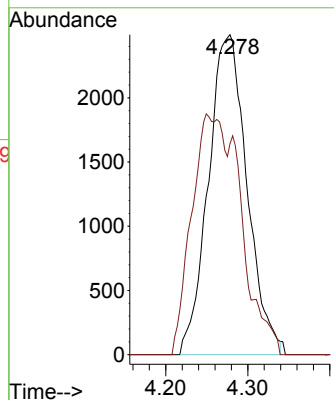
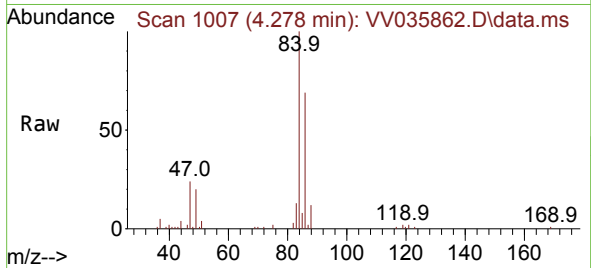




#25
Chloroform
Concen: 0.618 ug/L
RT: 4.278 min Scan# 1005
Delta R.T. 0.007 min
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 8156
Ion Ratio Lower Upper
83 100
85 65.9 44.7 82.9



#48
2-Hexanone
Concen: 3.912 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035862.D
Acq: 29 May 2024 14:57

Tgt Ion: 43 Resp: 11954
Ion Ratio Lower Upper
43 100
58 0.0 48.8 73.2#
57 0.0 16.9 25.3#
100 1.8 11.7 17.5#

