

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035871.D
 Acq On : 29 May 2024 17:58
 Operator : SY/MD
 Sample : VIBLK289
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:20:25 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)

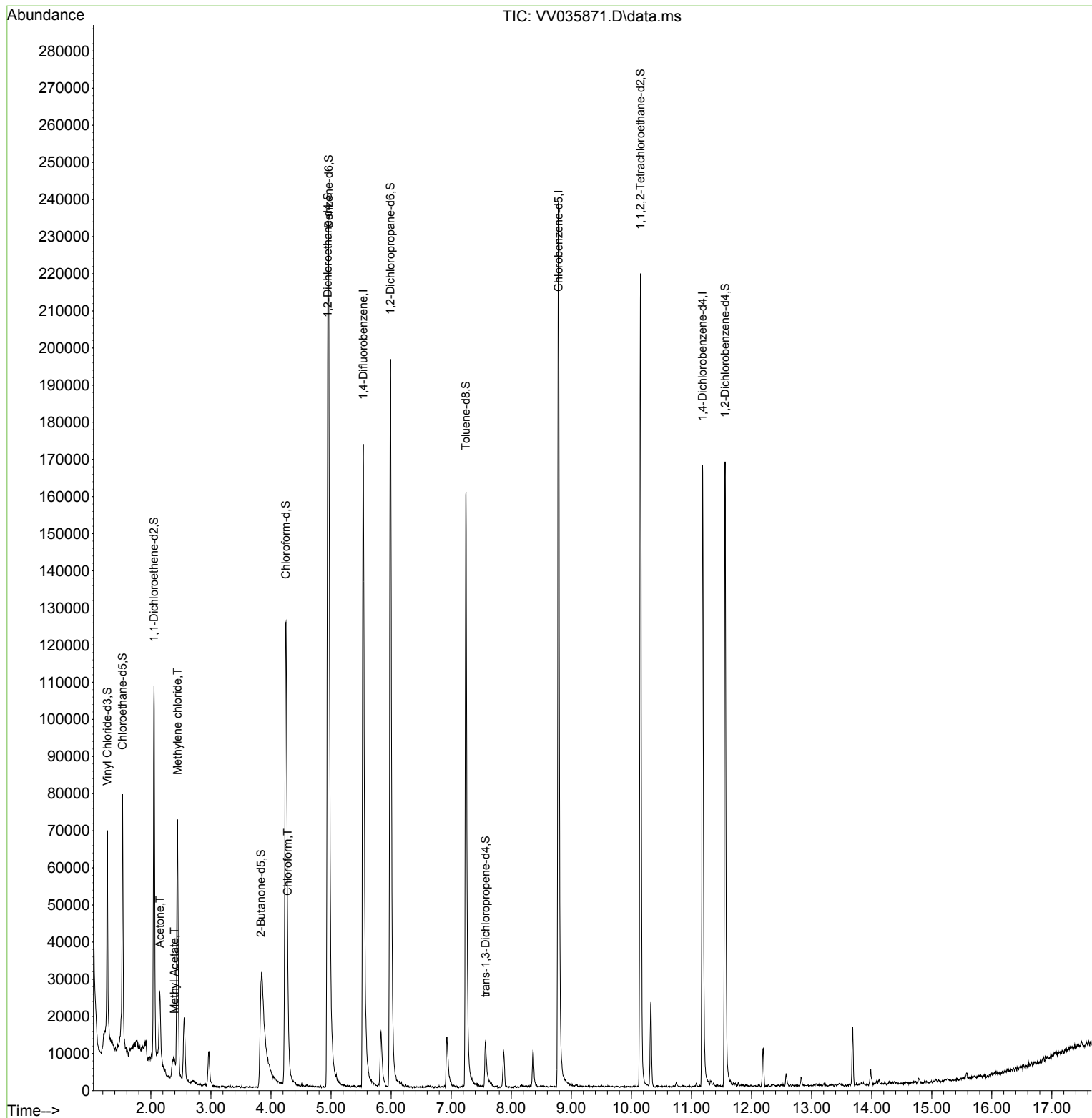
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	158598	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	142743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	34995	14.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.120%
7) Chloroethane-d5	1.529	69	43197	21.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	2.053	65	16523	15.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.920%
21) 2-Butanone-d5	3.834	46	126	0.181	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.360%#
24) Chloroform-d	4.246	84	142366	30.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.760%
26) 1,2-Dichloroethane-d4	4.944	65	95585	41.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	164.040%#
32) Benzene-d6	4.960	84	183798	23.523	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	5.989	67	102609	42.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.200%#
41) Toluene-d8	7.243	98	119599	17.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.800%
43) trans-1,3-Dichloroprop...	7.571	79	9523	9.234	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	36.920%
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	110361	47.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	190.000%#
66) 1,2-Dichlorobenzene-d4	11.561	152	47354	28.937	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.760%
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	15137	14.864	ug/L	93
15) Methyl Acetate	2.391	43	5629	3.648	ug/L	# 86
16) Methylene chloride	2.442	84	30009	8.205	ug/L	94
25) Chloroform	4.278	83	4625	0.865	ug/L	81

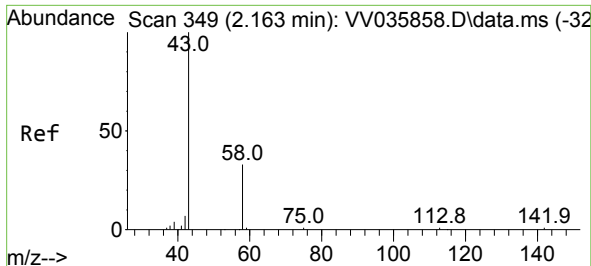
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#13

Acetone

Concen: 14.864 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV035871.D

Acq: 29 May 2024 17:58

Instrument :

MSVOA_V

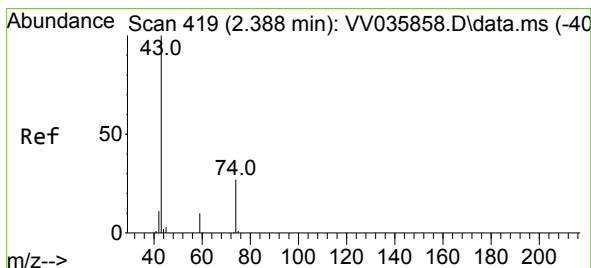
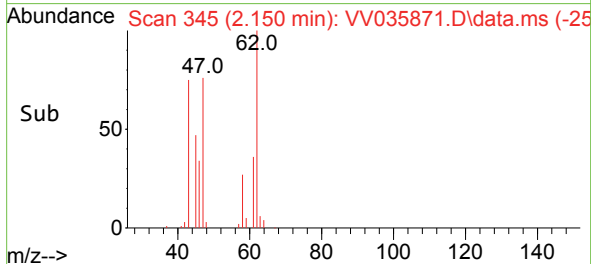
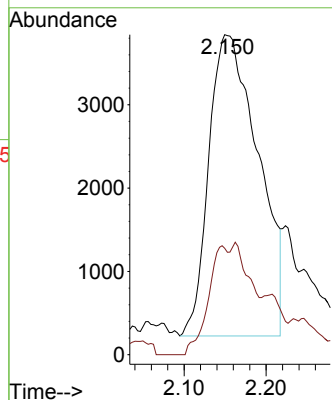
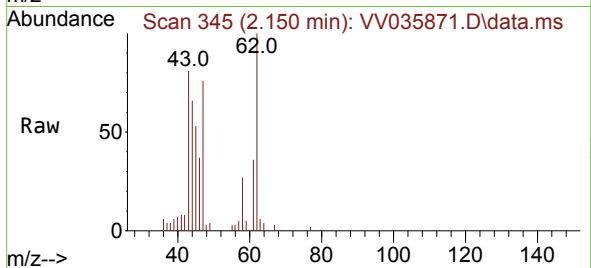
ClientSampleId :

Tgt Ion: 43 Resp: 15137

Ion Ratio Lower Upper

43 100

58 14.1 0.0 22.8



#15

Methyl Acetate

Concen: 3.648 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.003 min

Lab File: VV035871.D

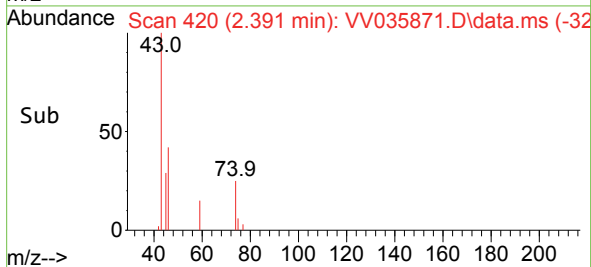
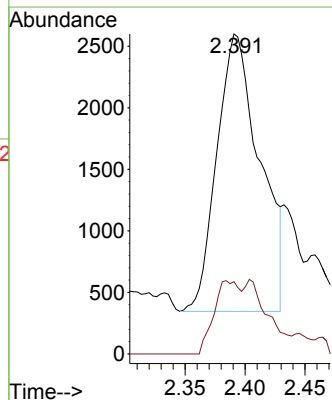
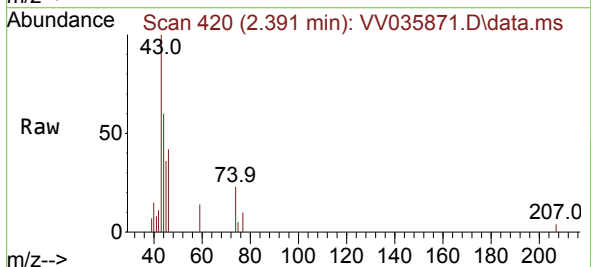
Acq: 29 May 2024 17:58

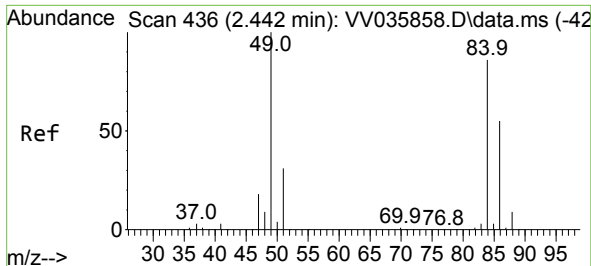
Tgt Ion: 43 Resp: 5629

Ion Ratio Lower Upper

43 100

74 16.2 18.6 27.8#

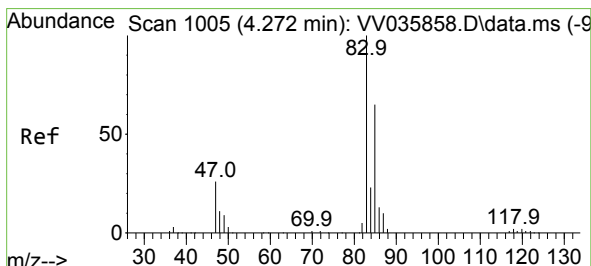
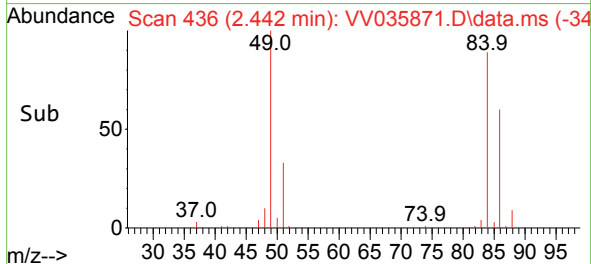
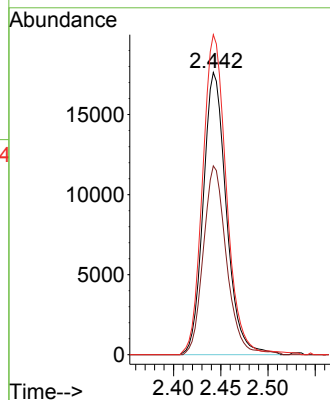
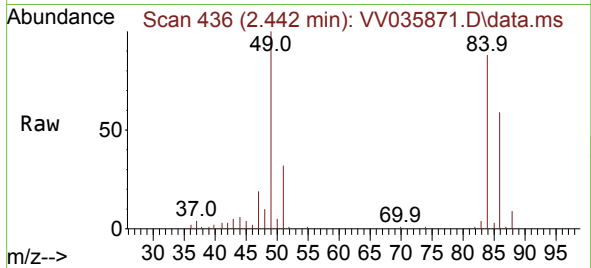




#16
Methylene chloride
Concen: 8.205 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 30009
Ion Ratio Lower Upper
84 100
86 66.9 43.8 81.3
49 113.4 75.3 139.9



#25
Chloroform
Concen: 0.865 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VV035871.D
Acq: 29 May 2024 17:58

Tgt Ion: 83 Resp: 4625
Ion Ratio Lower Upper
83 100
85 79.0 44.7 82.9

