

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035868.D
 Acq On : 29 May 2024 16:49
 Operator : SY/MD
 Sample : P2632-13
 Misc : 3.43g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:19:39 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)

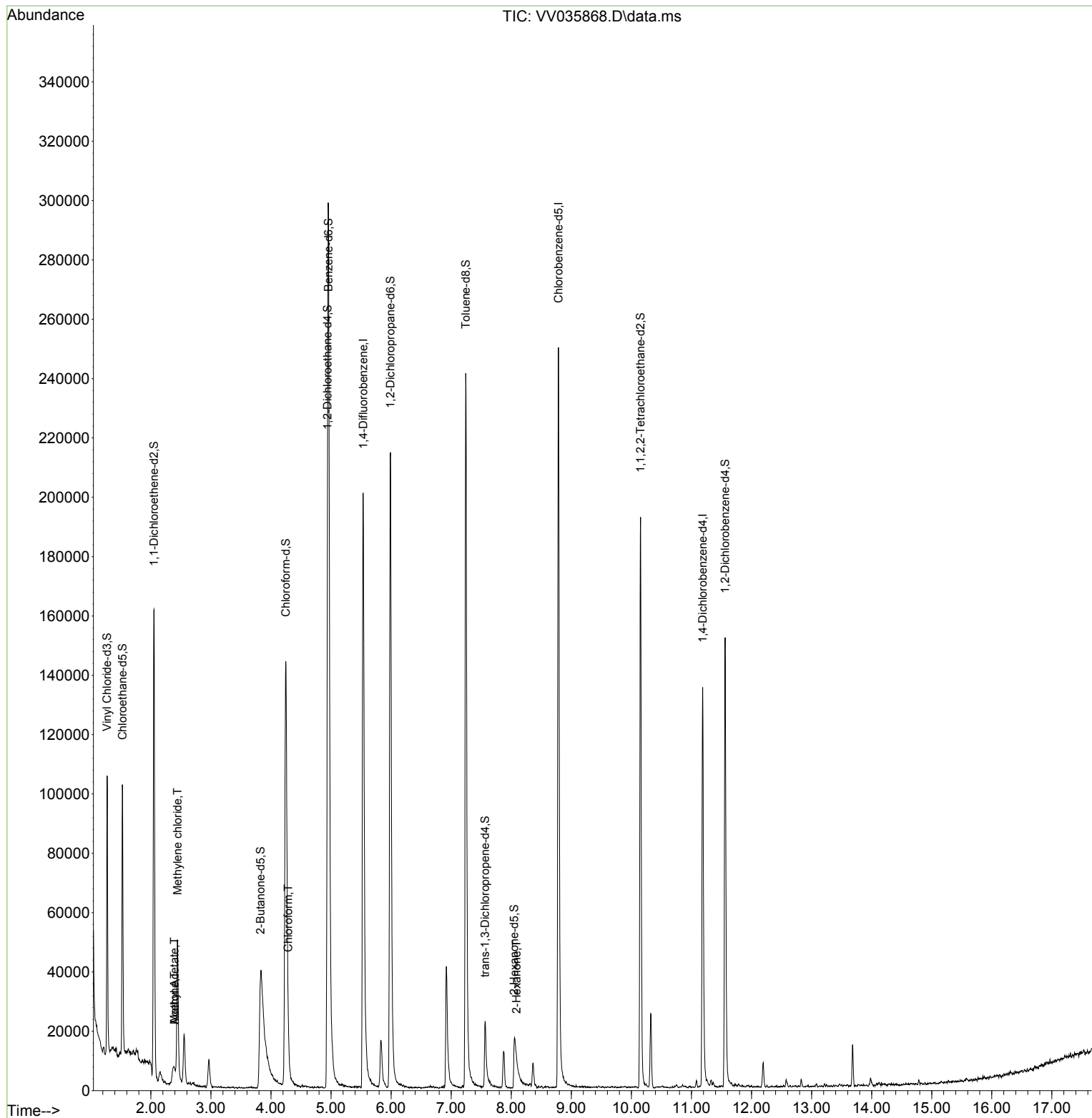
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	184684	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	145398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39007	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	62065	21.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
7) Chloroethane-d5	1.526	69	61880	26.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.480%
11) 1,1-Dichloroethene-d2	2.050	65	28156	22.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	3.825	46	312	0.385	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.780%#
24) Chloroform-d	4.246	84	161394	29.395	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.560%
26) 1,2-Dichloroethane-d4	4.941	65	87296	32.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.640%
32) Benzene-d6	4.957	84	267085	33.557	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.240%
36) 1,2-Dichloropropane-d6	5.989	67	113256	46.110	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	184.440%#
41) Toluene-d8	7.243	98	176720	24.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.564	79	16323	15.539	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.160%
47) 2-Hexanone-d5	8.050	63	6176	13.983	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.960%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	98537	41.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	166.520%#
66) 1,2-Dichlorobenzene-d4	11.561	152	42438	31.349	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.400%#
Target Compounds						Qvalue
13) Acetone	2.394	43	2872	2.422	ug/L	77
15) Methyl Acetate	2.394	43	2872	1.599	ug/L	91
16) Methylene chloride	2.442	84	20868	4.900	ug/L	94
25) Chloroform	4.285	83	5624	0.903	ug/L	99
48) 2-Hexanone	8.088	43	6598	5.853	ug/L #	42

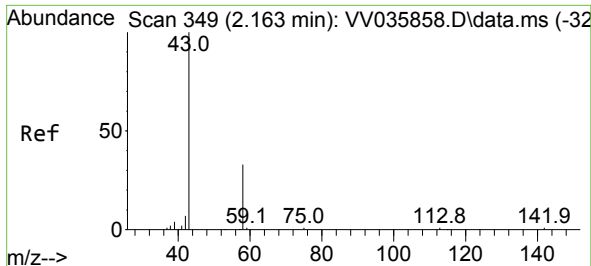
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.422 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.232 min

Lab File: VV035868.D

Acq: 29 May 2024 16:49

Instrument :

MSVOA_V

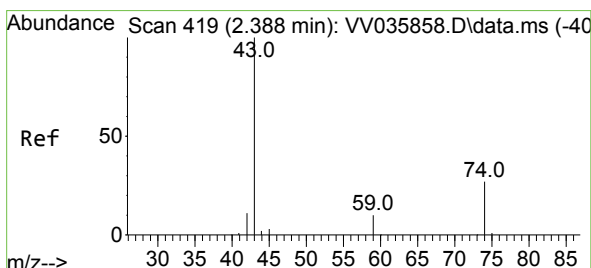
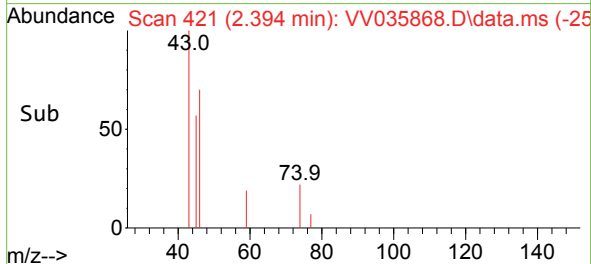
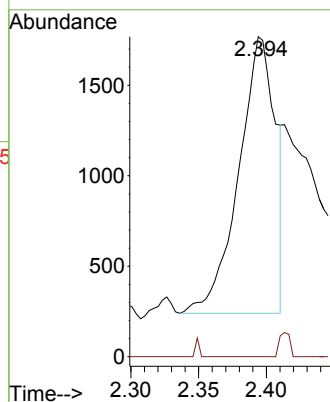
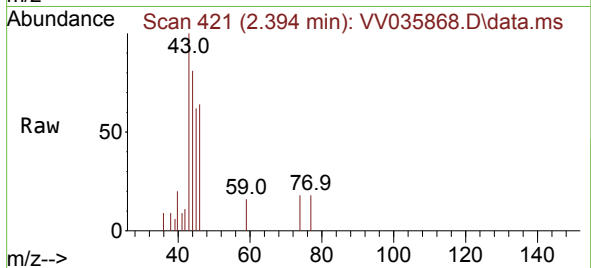
ClientSampleId :

Tgt Ion: 43 Resp: 2872

Ion Ratio Lower Upper

43 100

58 2.5 0.0 22.8



#15

Methyl Acetate

Concen: 1.599 ug/L

RT: 2.394 min Scan# 421

Delta R.T. 0.006 min

Lab File: VV035868.D

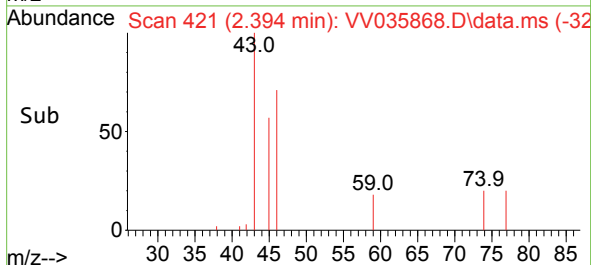
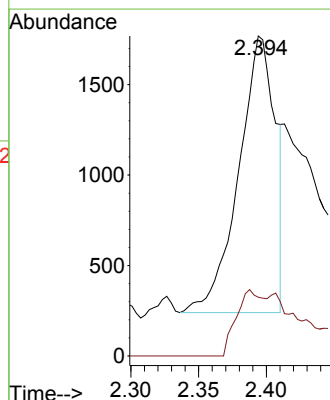
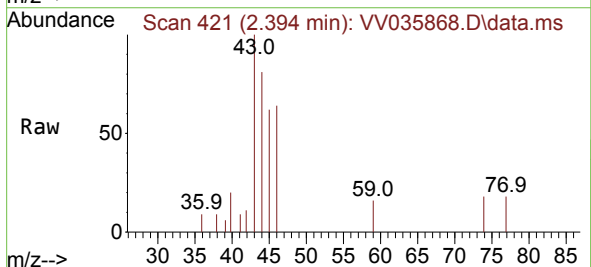
Acq: 29 May 2024 16:49

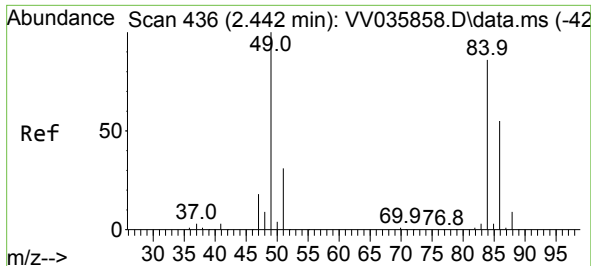
Tgt Ion: 43 Resp: 2872

Ion Ratio Lower Upper

43 100

74 18.7 18.6 27.8

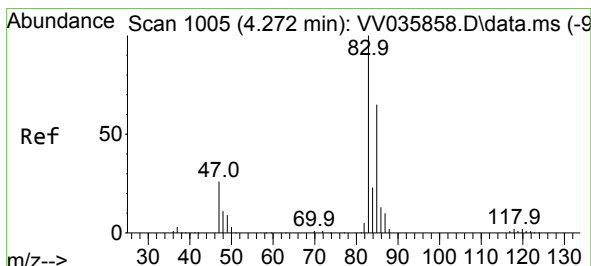
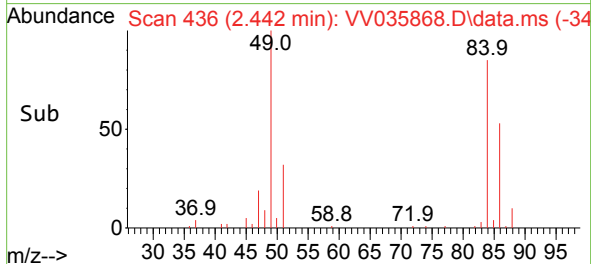
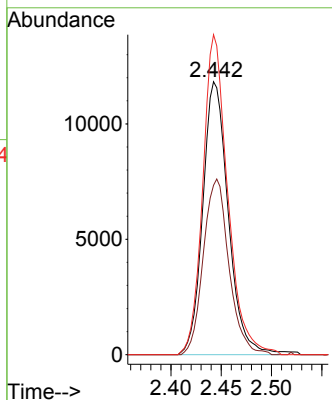
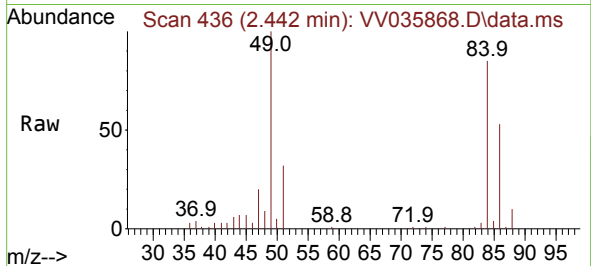




#16
Methylene chloride
Concen: 4.900 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
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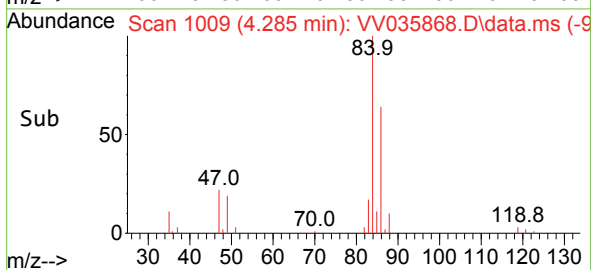
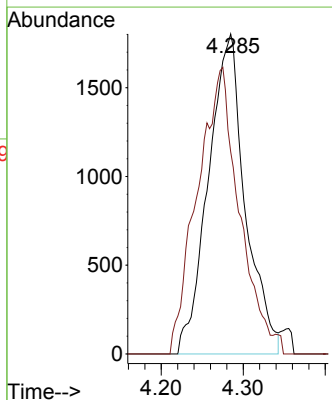
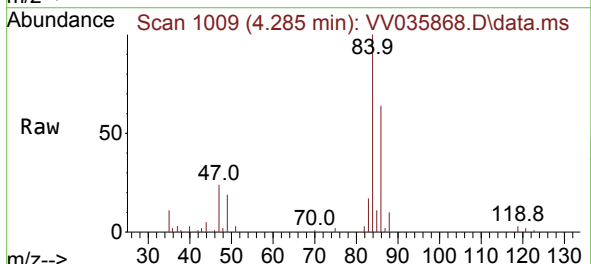
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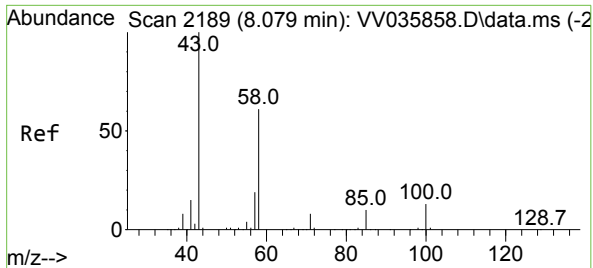
Tgt Ion	Ratio	Lower	Upper
84	100		
86	62.1	43.8	81.3
49	117.2	75.3	139.9



#25
Chloroform
Concen: 0.903 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.013 min
Lab File: VV035868.D
Acq: 29 May 2024 16:49

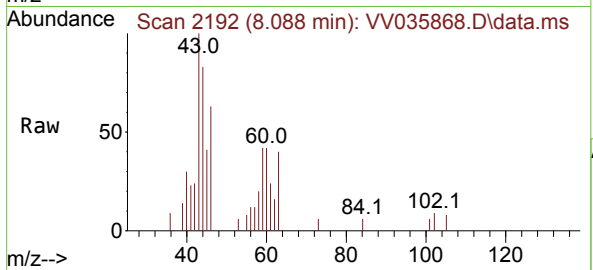
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.7	82.9





#48
 2-Hexanone
 Concen: 5.853 ug/L
 RT: 8.088 min Scan# 2189
 Delta R.T. 0.010 min
 Lab File: VV035868.D
 Acq: 29 May 2024 16:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp:	6598
Ion	Ratio	Lower Upper
43	100	
58	7.6	48.8 73.2#
57	2.4	16.9 25.3#
100	0.0	11.7 17.5#

