

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052924\
 Data File : VW035866.D
 Acq On : 29 May 2024 16:26
 Operator : SY/MD
 Sample : P2568-23
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:19:26 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)

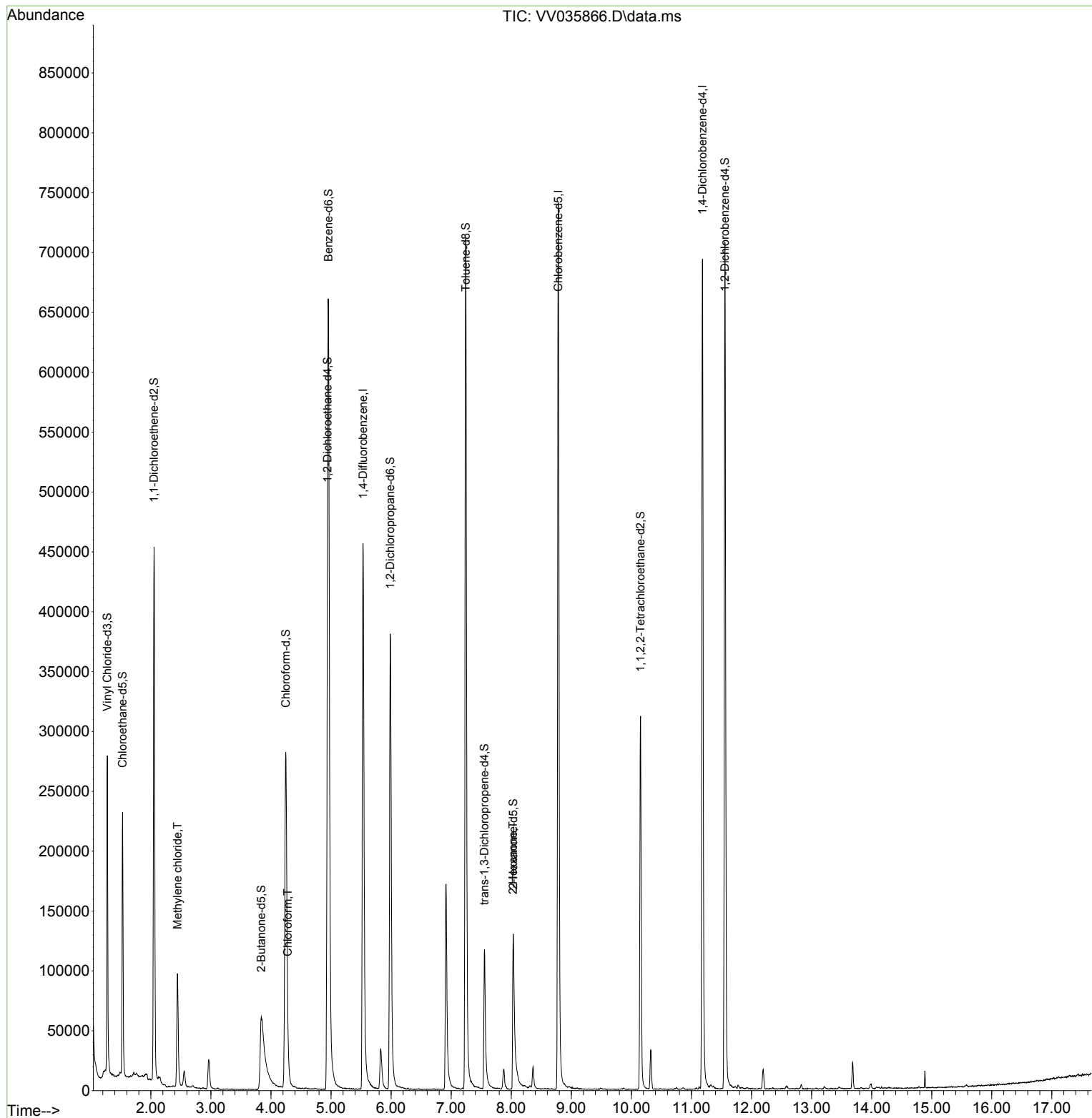
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	403411	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	418991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	174742	28.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.120%
7) Chloroethane-d5	1.529	69	142107	28.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.053	65	77229	27.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.920%#
21) 2-Butanone-d5	3.838	46	53237	30.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.180%
24) Chloroform-d	4.246	84	307934	25.676	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.720%
26) 1,2-Dichloroethane-d4	4.940	65	171430	28.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.640%
32) Benzene-d6	4.957	84	604804	26.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.480%
36) 1,2-Dichloropropane-d6	5.985	67	194146	27.429	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.720%
41) Toluene-d8	7.243	98	491804	24.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	7.554	79	75391	24.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.640%
47) 2-Hexanone-d5	8.034	63	50958	40.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	156098	22.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	187356	28.971	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.880%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	40362	4.339	ug/L	93
25) Chloroform	4.278	83	9884	0.727	ug/L	86
48) 2-Hexanone	8.030	43	6543	2.014	ug/L #	71

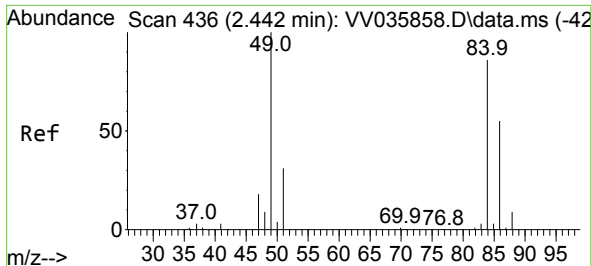
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

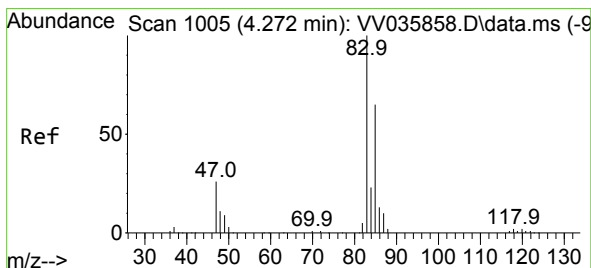
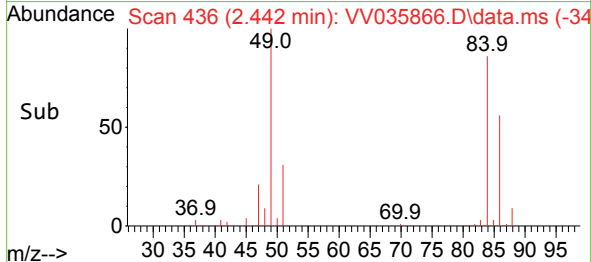
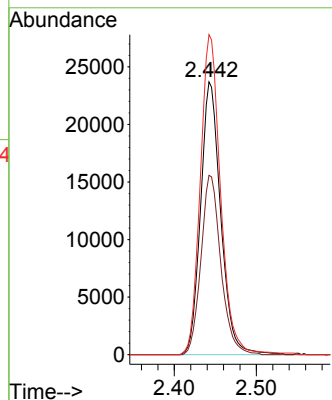
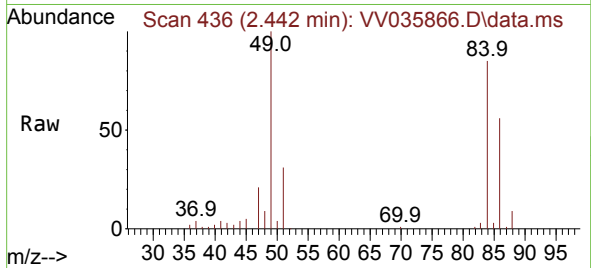




#16
Methylene chloride
Concen: 4.339 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035866.D
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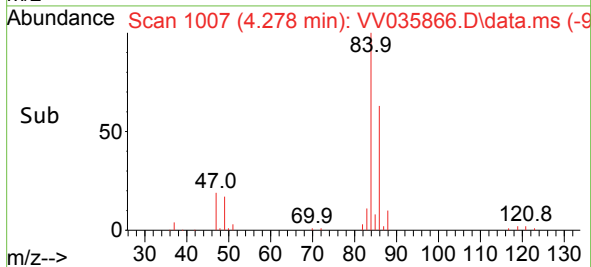
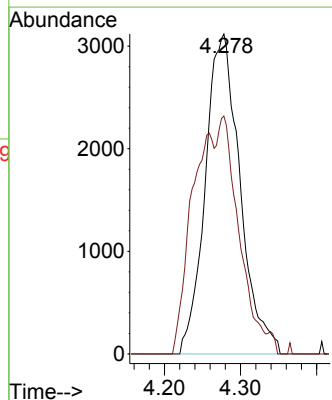
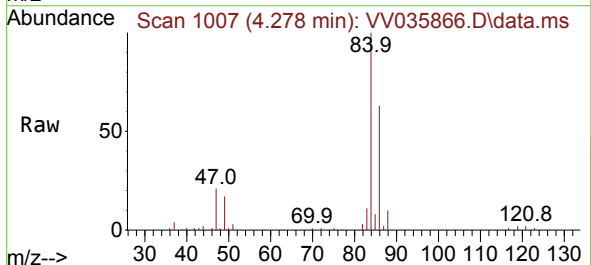
Instrument :
MSVOA_V
ClientSampleId :

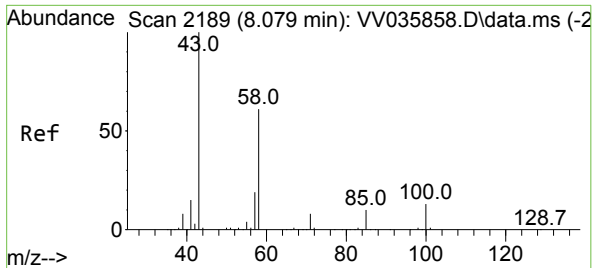
Tgt Ion: 84 Resp: 40362
Ion Ratio Lower Upper
84 100
86 65.7 43.8 81.3
49 117.3 75.3 139.9



#25
Chloroform
Concen: 0.727 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VV035866.D
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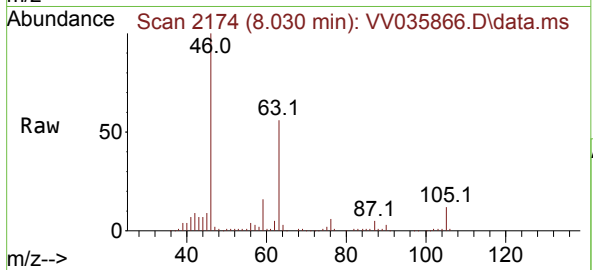
Tgt Ion: 83 Resp: 9884
Ion Ratio Lower Upper
83 100
85 74.4 44.7 82.9





#48
 2-Hexanone
 Concen: 2.014 ug/L
 RT: 8.030 min Scan# 21
 Delta R.T. -0.048 min
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Tgt Ion: 43	Resp: 6543
Ion Ratio	Lower Upper
43	100
58	45.1 48.8 73.2#
57	46.0 16.9 25.3#
100	3.0 11.7 17.5#

