

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035682.D
 Acq On : 22 May 2024 17:46
 Operator : SY/MD
 Sample : P2547-13
 Misc : 6.62g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 02:26:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

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

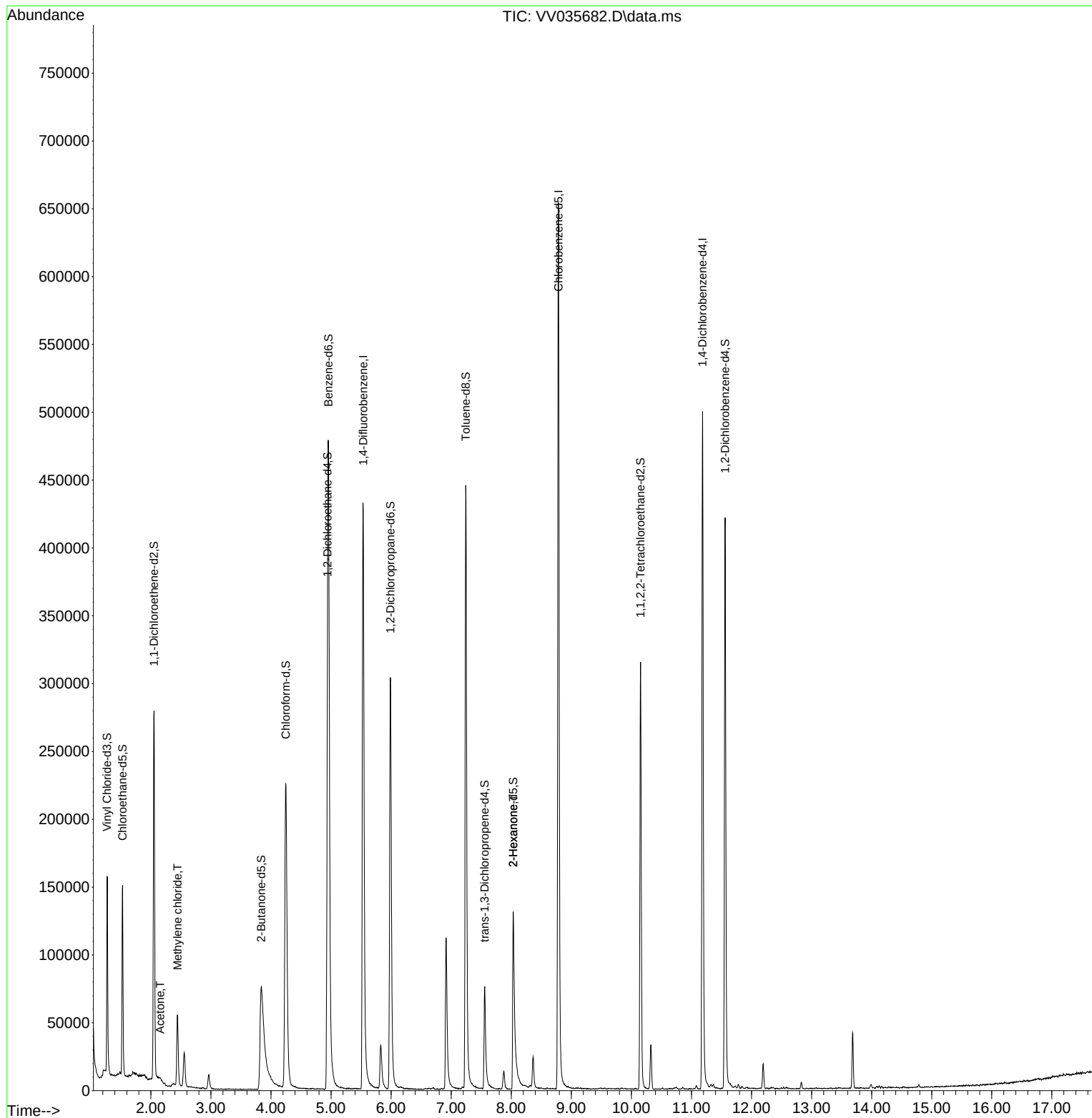
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	395061	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	381061	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	136221	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	96659	15.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.320%
7) Chloroethane-d5	1.529	69	94446	19.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
11) 1,1-Dichloroethene-d2	2.053	65	46814	17.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.280%
21) 2-Butanone-d5	3.838	46	81385	46.965	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.940%
24) Chloroform-d	4.246	84	257402	21.916	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	4.940	65	145103	24.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.960%
32) Benzene-d6	4.956	84	426416	20.443	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.760%
36) 1,2-Dichloropropane-d6	5.989	67	160136	24.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	7.243	98	318914	17.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.720%
43) trans-1,3-Dichloroprop...	7.558	79	50223	18.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.960%
47) 2-Hexanone-d5	8.033	63	49342	42.627	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.260%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	158483	25.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	115015	24.329	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.320%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	9390	3.702	ug/L	79
16) Methylene chloride	2.442	84	23969	2.631	ug/L	99
48) 2-Hexanone	8.033	43	5498	1.861	ug/L #	76

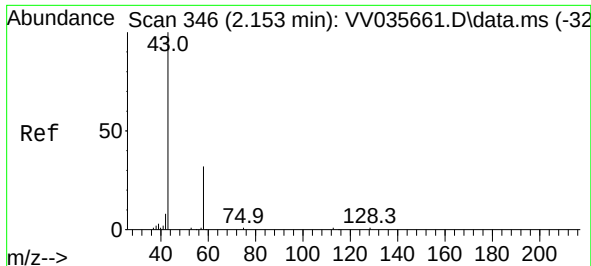
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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#13

Acetone

Concen: 3.702 ug/L

RT: 2.156 min Scan# 346

Delta R.T. 0.003 min

Lab File: VV035682.D

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Instrument :

MSVOA_V

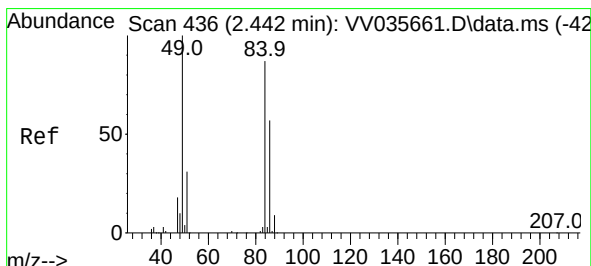
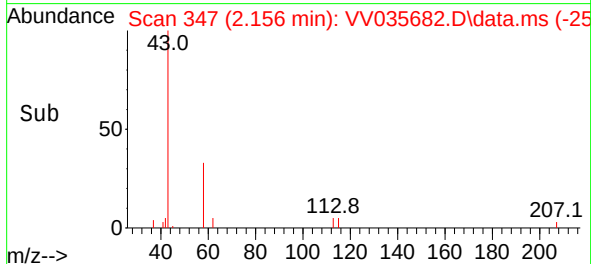
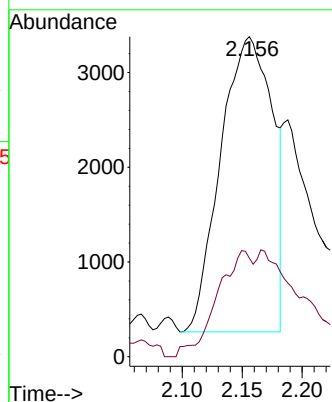
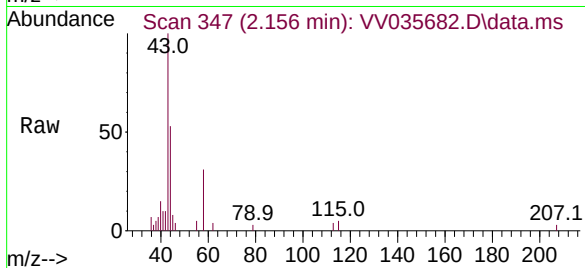
ClientSampleId :

Tgt Ion: 43 Resp: 9390

Ion Ratio Lower Upper

43 100

58 3.5 0.0 22.8



#16

Methylene chloride

Concen: 2.631 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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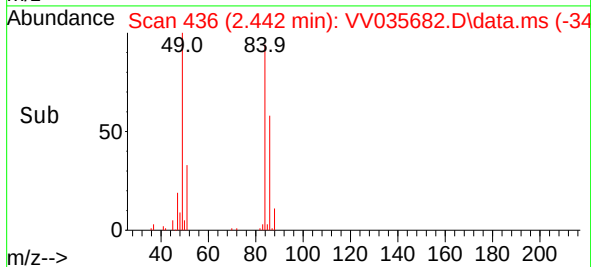
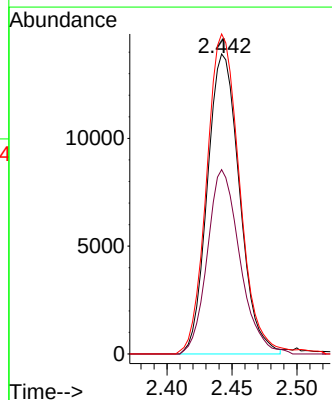
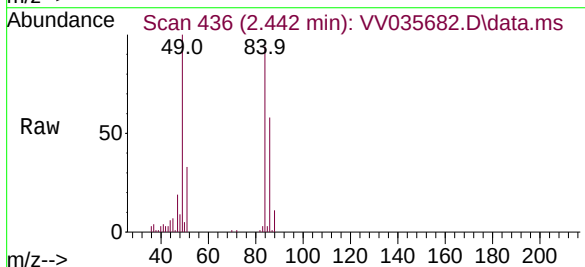
Tgt Ion: 84 Resp: 23969

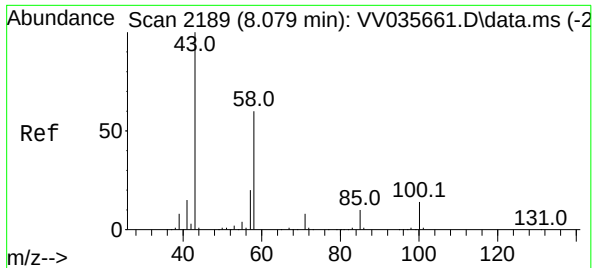
Ion Ratio Lower Upper

84 100

86 61.4 43.8 81.3

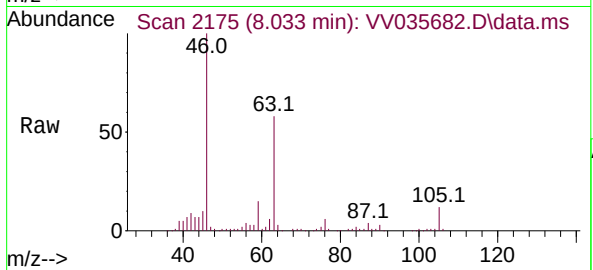
49 106.6 75.3 139.9





#48
 2-Hexanone
 Concen: 1.861 ug/L
 RT: 8.033 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV035682.D
 Acq: 22 May 2024 17:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 5498
Ion Ratio	Lower Upper
43	100
58	49.4 48.8 73.2
57	48.7 16.9 25.3#
100	11.0 11.7 17.5#

