

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035746.D
 Acq On : 24 May 2024 15:01
 Operator : SY/MD
 Sample : P2568-19
 Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 23:47:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

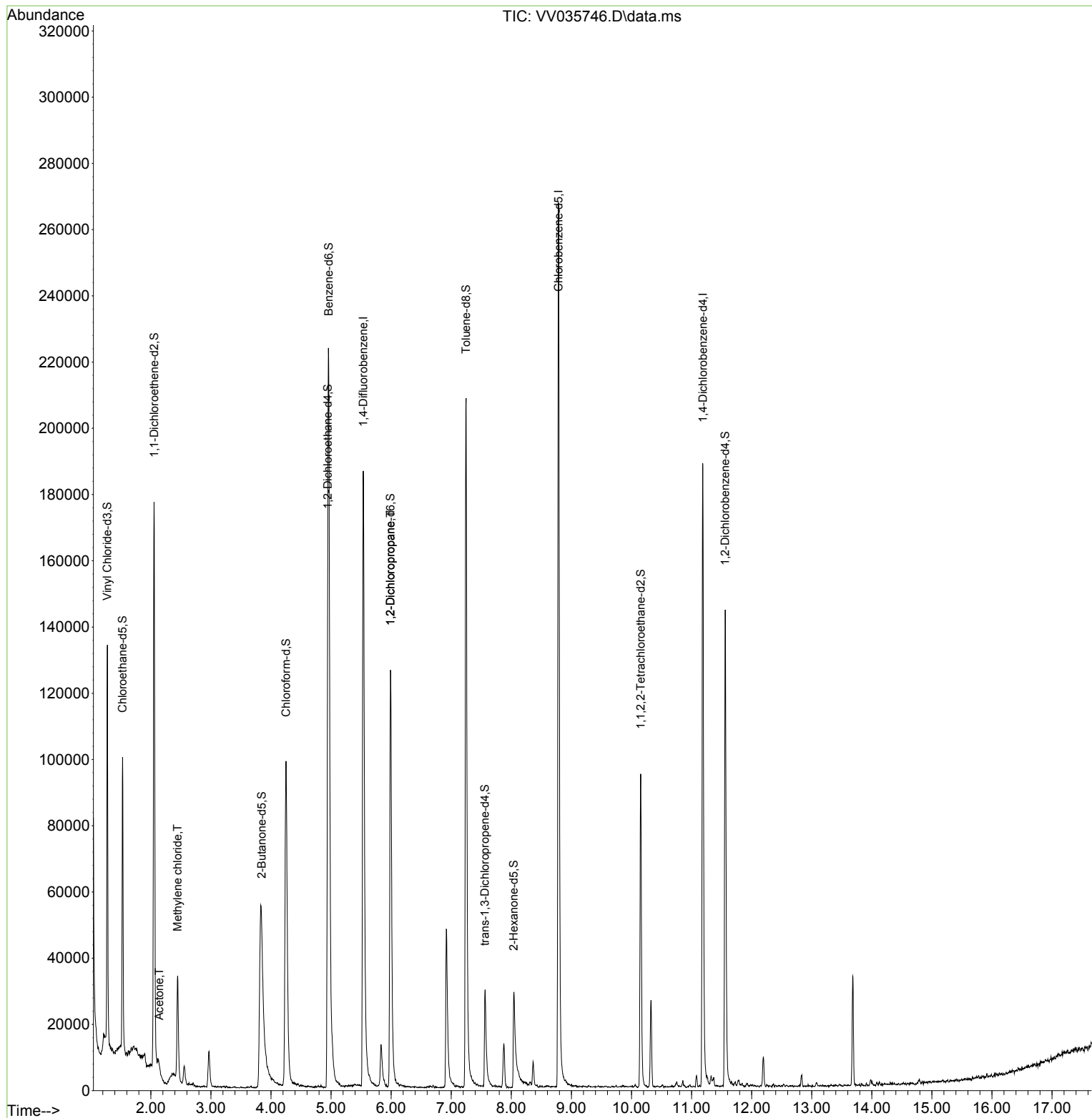
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	172577	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	160576	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54918	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74203	27.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.280%
7) Chloroethane-d5	1.529	69	57287	26.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.480%
11) 1,1-Dichloroethene-d2	2.053	65	29534	25.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.040%
21) 2-Butanone-d5	3.844	46	21279	28.110	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.220%
24) Chloroform-d	4.249	84	112765	21.979	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.920%
26) 1,2-Dichloroethane-d4	4.944	65	61233	24.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.560%
32) Benzene-d6	4.960	84	205317	23.358	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.440%
36) 1,2-Dichloropropane-d6	5.989	67	67067	24.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.246	98	153471	19.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.480%
43) trans-1,3-Dichloroprop...	7.561	79	21674	18.683	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.720%
47) 2-Hexanone-d5	8.040	63	11325	23.218	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.440%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	49290	18.857	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.440%
66) 1,2-Dichlorobenzene-d4	11.561	152	41577	21.815	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.240%
Target Compounds						
					Qvalue	
13) Acetone	2.140	43	5755	5.194	ug/L #	42
16) Methylene chloride	2.446	84	13567	3.409	ug/L	94
37) 1,2-Dichloropropane	5.989	63	7311	2.637	ug/L #	86

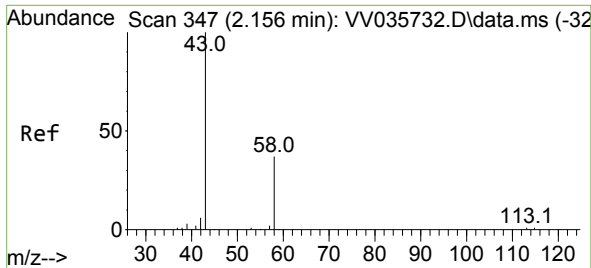
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.194 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.016 min

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Instrument :

MSVOA_V

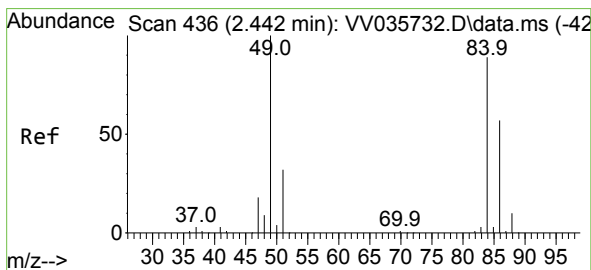
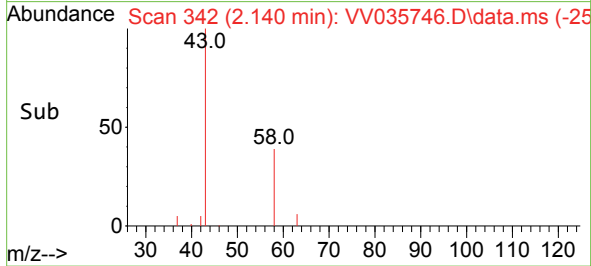
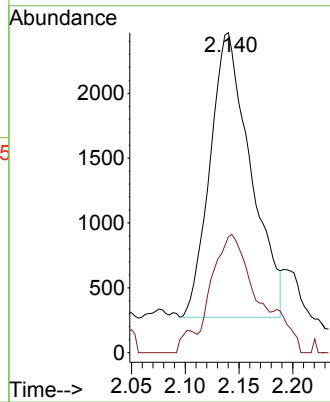
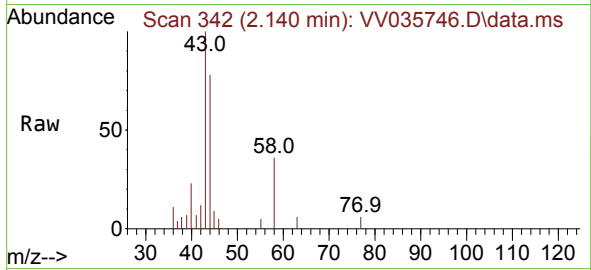
ClientSampleId :

Tgt Ion: 43 Resp: 5755

Ion Ratio Lower Upper

43 100

58 33.5 0.0 22.8#



#16

Methylene chloride

Concen: 3.409 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.003 min

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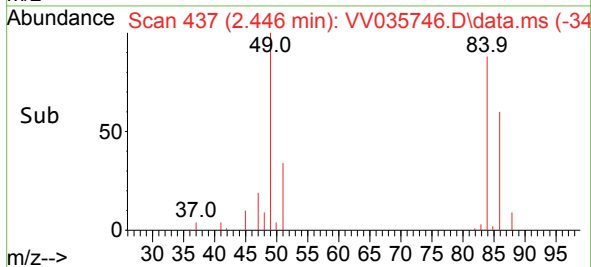
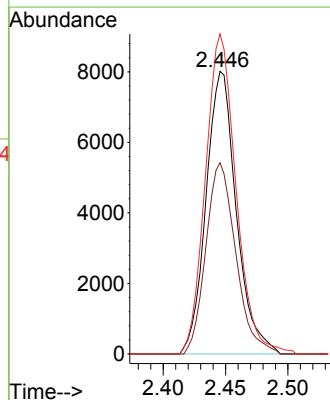
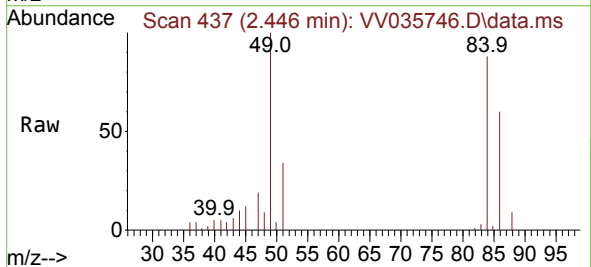
Tgt Ion: 84 Resp: 13567

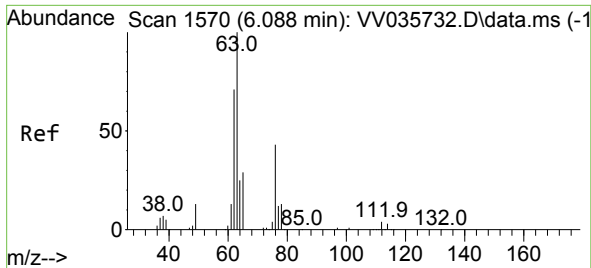
Ion Ratio Lower Upper

84 100

86 67.6 43.8 81.3

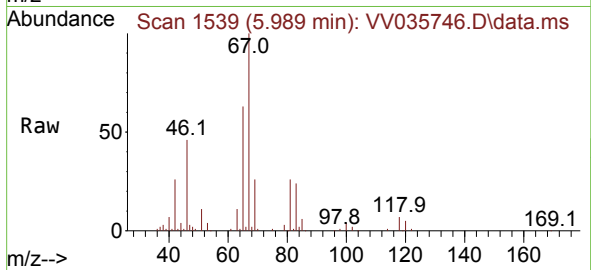
49 113.3 75.3 139.9





#37
 1,2-Dichloropropane
 Concen: 2.637 ug/L
 RT: 5.989 min Scan# 11
 Delta R.T. -0.100 min
 Lab File: VV035746.D
 Acq: 24 May 2024 15:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 63 Resp: 7311
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#

