

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035747.D
 Acq On : 24 May 2024 15:24
 Operator : SY/MD
 Sample : P2568-21
 Misc : 4.78g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 23:47:38 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)

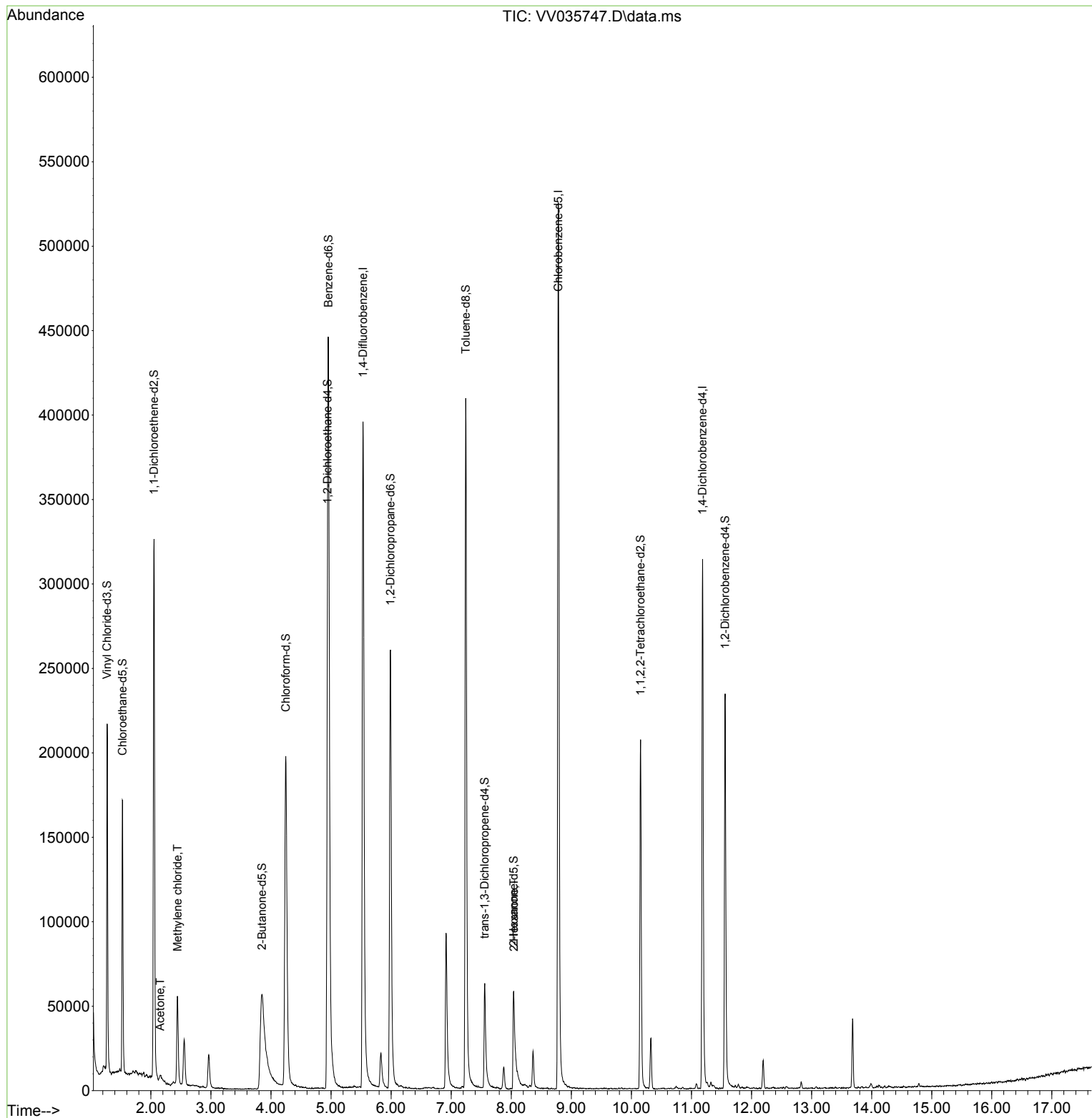
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	354962	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	307837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	86898	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	135566	24.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
7) Chloroethane-d5	1.526	69	109033	24.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.520%
11) 1,1-Dichloroethene-d2	2.053	65	54121	22.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	3.851	46	8516	5.470	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.940%#
24) Chloroform-d	4.246	84	223603	21.189	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	4.941	65	127625	24.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.840%
32) Benzene-d6	4.957	84	404664	24.014	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	5.989	67	138255	26.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.360%
41) Toluene-d8	7.243	98	294332	19.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.520%
43) trans-1,3-Dichloroprop...	7.558	79	41865	18.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.280%
47) 2-Hexanone-d5	8.040	63	21991	23.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.040%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	105073	20.968	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.880%
66) 1,2-Dichlorobenzene-d4	11.561	152	64342	21.335	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						Qvalue
13) Acetone	2.156	43	5223	2.292	ug/L #	41
16) Methylene chloride	2.442	84	23770	2.904	ug/L	93
48) 2-Hexanone	8.043	43	2278	0.954	ug/L #	65

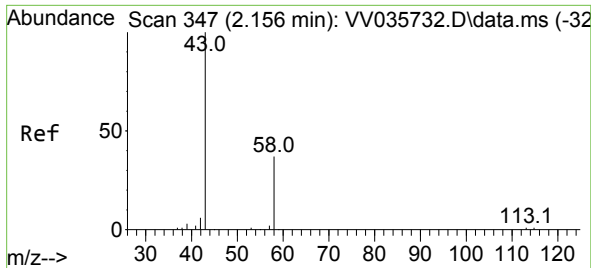
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.292 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV035747.D

Acq: 24 May 2024 15:24

Instrument :

MSVOA_V

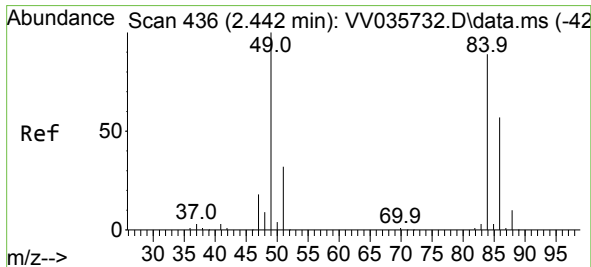
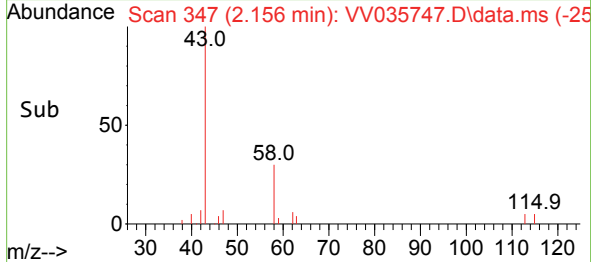
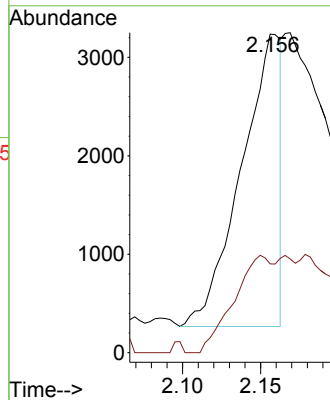
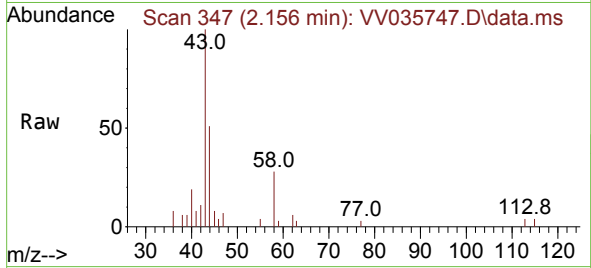
ClientSampleId :

Tgt Ion: 43 Resp: 5223

Ion Ratio Lower Upper

43 100

58 33.8 0.0 22.8#



#16

Methylene chloride

Concen: 2.904 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

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Acq: 24 May 2024 15:24

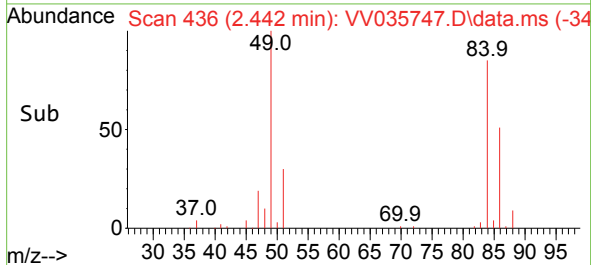
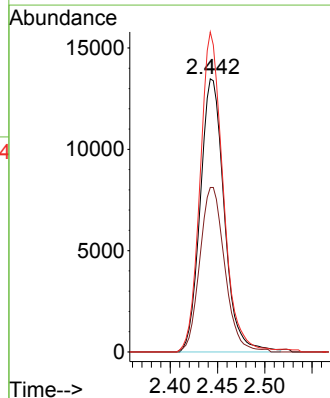
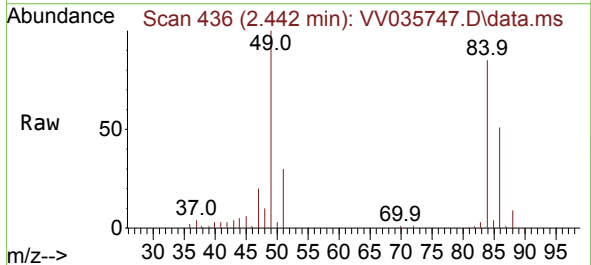
Tgt Ion: 84 Resp: 23770

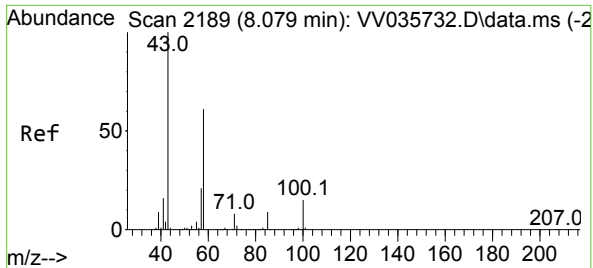
Ion Ratio Lower Upper

84 100

86 60.2 43.8 81.3

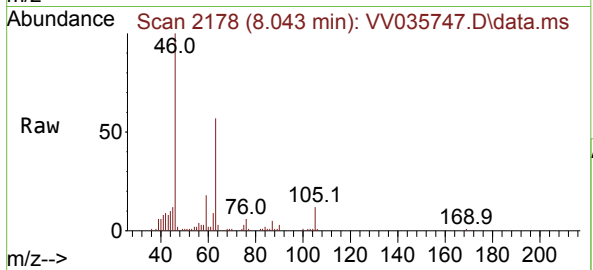
49 117.1 75.3 139.9





#48
 2-Hexanone
 Concen: 0.954 ug/L
 RT: 8.043 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: VV035747.D
 Acq: 24 May 2024 15:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 2278

Ion	Ratio	Lower	Upper
43	100		
58	41.1	48.8	73.2#
57	51.8	16.9	25.3#
100	3.2	11.7	17.5#

