

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035777.D
 Acq On : 25 May 2024 02:50
 Operator : SY/MD
 Sample : P2570-20
 Misc : 4.93g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 05:08:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

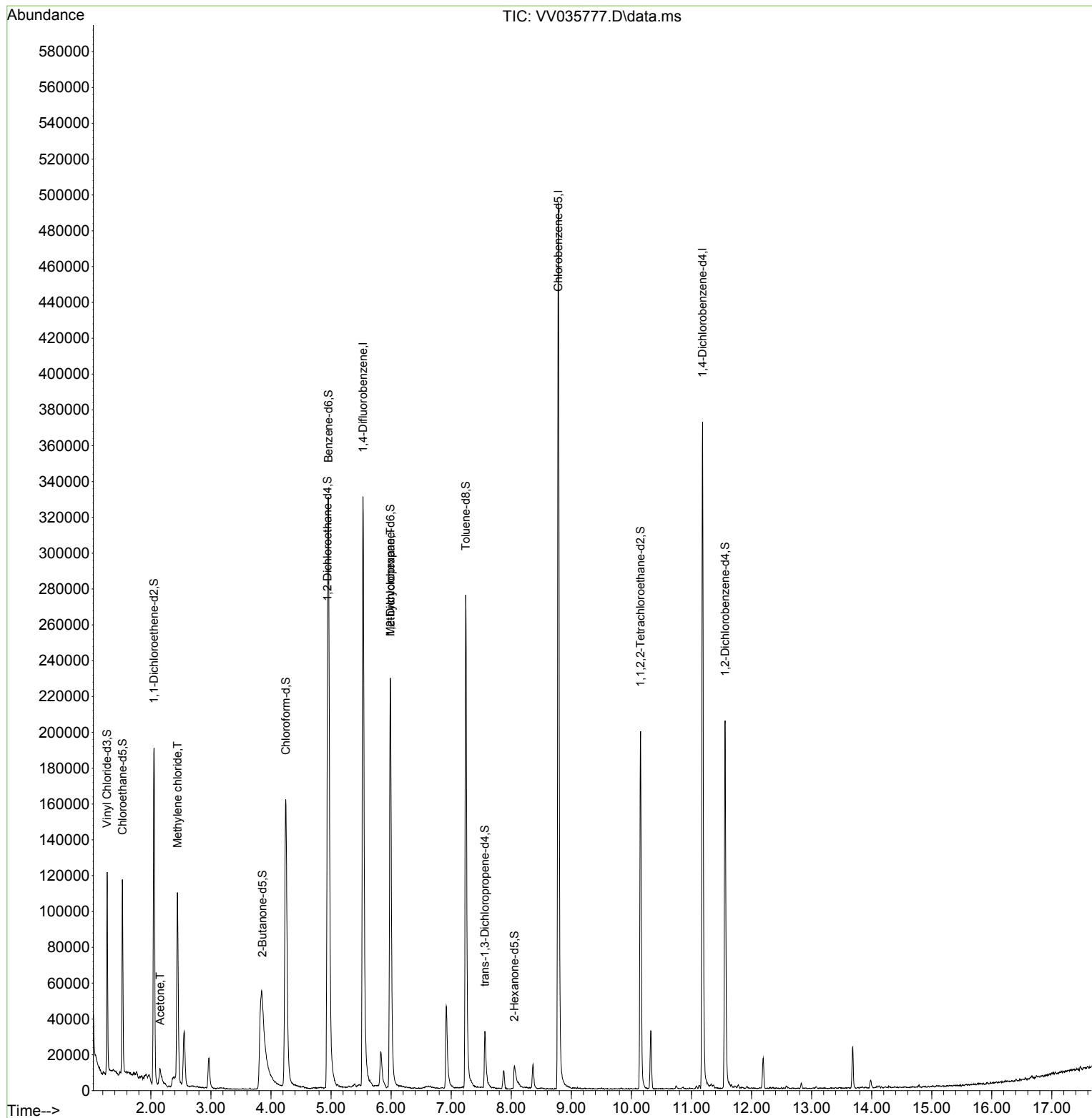
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	301991	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	293204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103249	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	75751	16.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.920%
7) Chloroethane-d5	1.526	69	73921	19.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
11) 1,1-Dichloroethene-d2	2.053	65	33370	16.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.600%
21) 2-Butanone-d5	3.857	46	8128	6.136	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.280%#
24) Chloroform-d	4.246	84	186149	20.734	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.920%
26) 1,2-Dichloroethane-d4	4.941	65	111535	25.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.520%
32) Benzene-d6	4.957	84	287339	17.903	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	5.989	67	123219	24.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	7.243	98	198603	13.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.600%
43) trans-1,3-Dichloroprop...	7.561	79	23155	10.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	43.720%
47) 2-Hexanone-d5	8.053	63	6323	7.099	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.200%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	101586	21.284	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	57673	16.095	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.400%#
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	6292	3.245	ug/L	70
16) Methylene chloride	2.442	84	49469	7.104	ug/L	97
35) Methylcyclohexane	5.989	83	29811	3.577	ug/L #	21

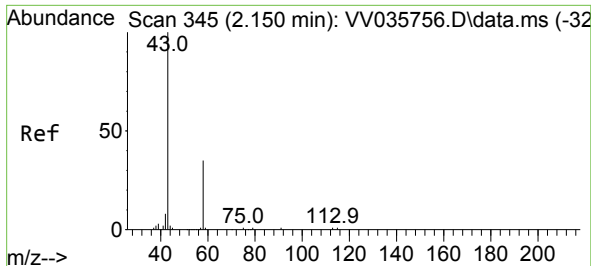
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 25 02:41:55 2024
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#13

Acetone

Concen: 3.245 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.006 min

Lab File: VV035777.D

Acq: 25 May 2024 02:50

Instrument :

MSVOA_V

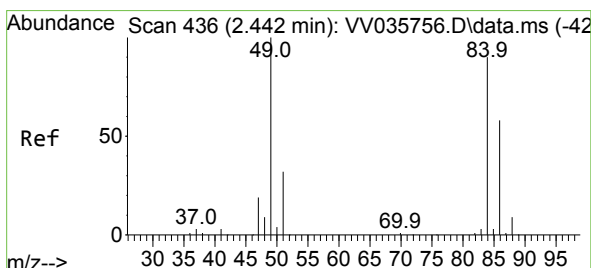
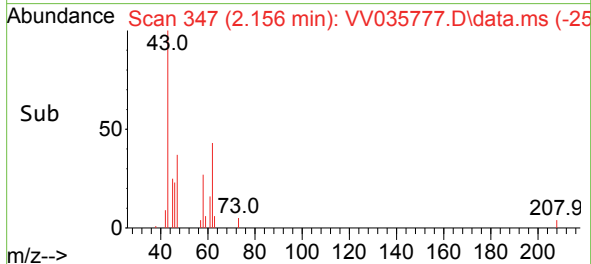
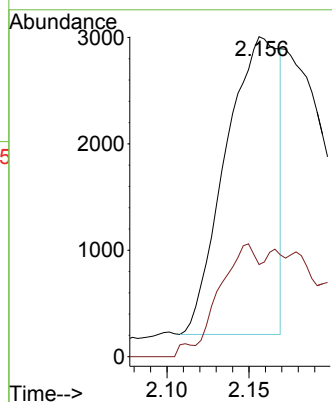
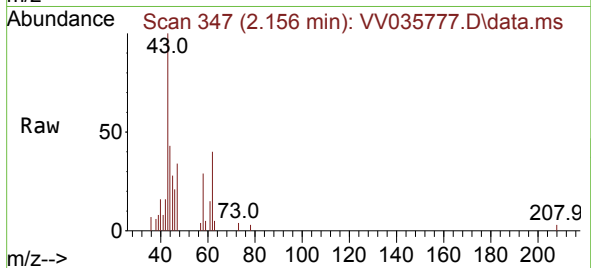
ClientSampleId :

Tgt Ion: 43 Resp: 6292

Ion Ratio Lower Upper

43 100

58 22.8 0.0 22.8



#16

Methylene chloride

Concen: 7.104 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

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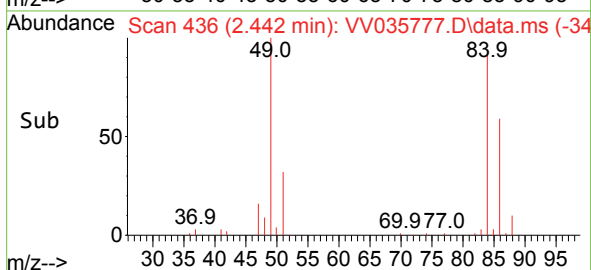
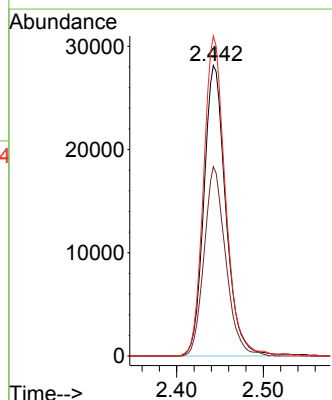
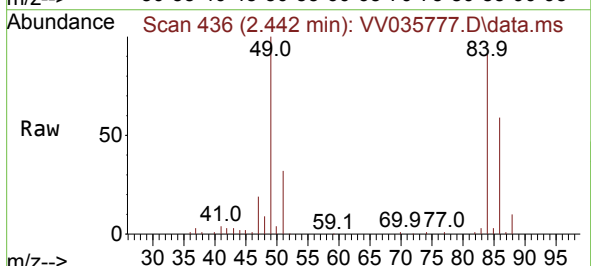
Tgt Ion: 84 Resp: 49469

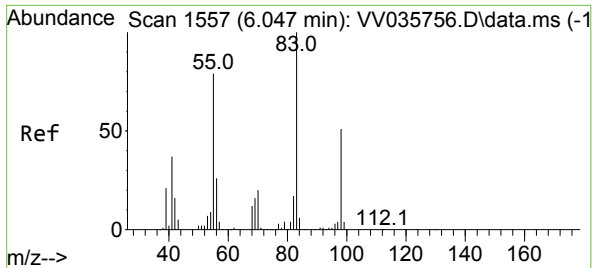
Ion Ratio Lower Upper

84 100

86 65.2 43.8 81.3

49 110.1 75.3 139.9





#35
Methylcyclohexane
Concen: 3.577 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV035777.D
Acq: 25 May 2024 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 29811
Ion Ratio Lower Upper
83 100
55 0.1 57.5 86.3#
98 1.7 38.6 58.0#

