

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036519.D
 Acq On : 15 Jul 2024 11:18
 Operator : SY/MD
 Sample : VV0715SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:26:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

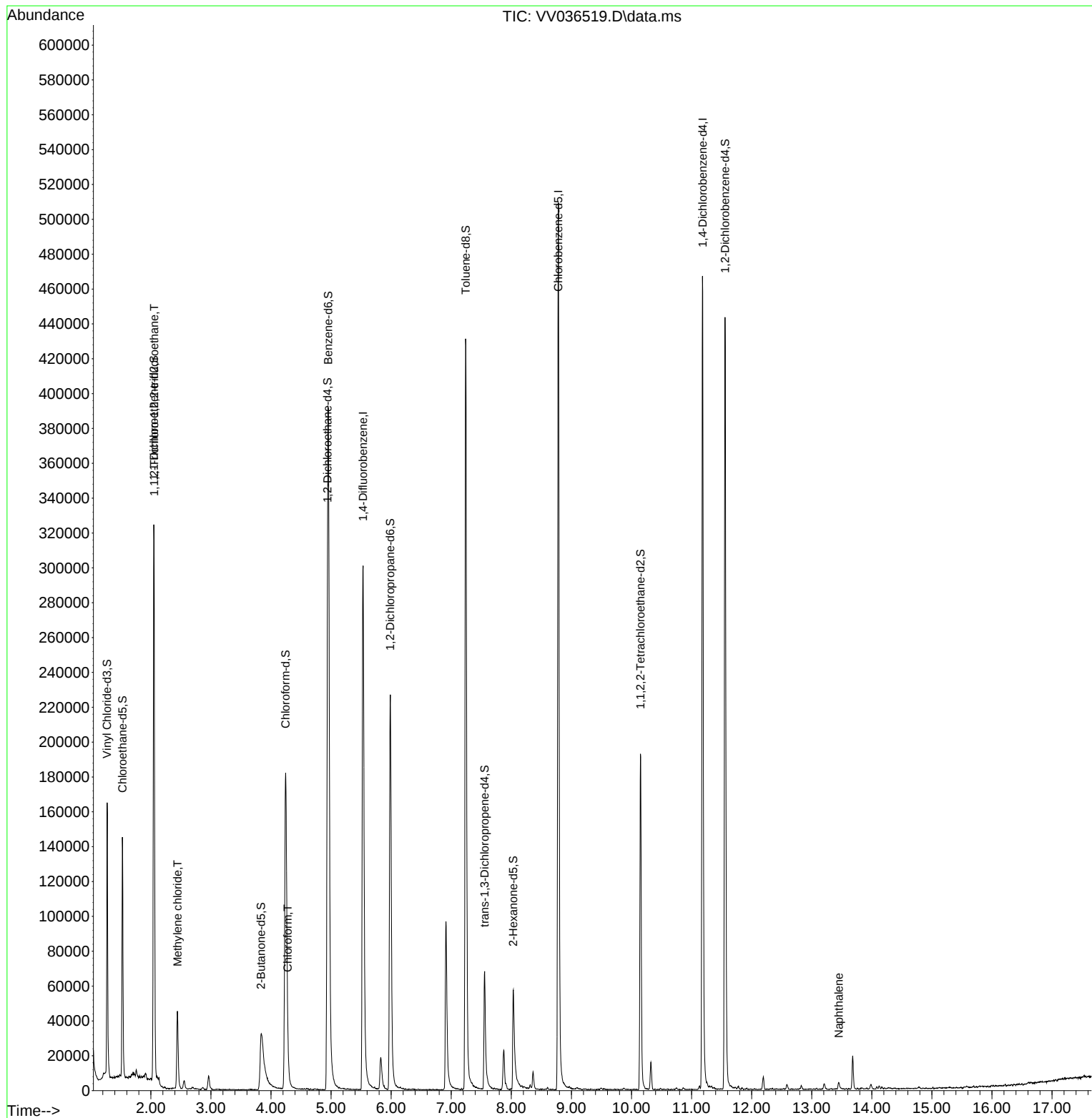
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	284330	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	305649	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	102114	25.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.280%
7) Chloroethane-d5	1.526	69	90972	25.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.160%
11) 1,1-Dichloroethene-d2	2.050	65	51985	24.852	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.400%
21) 2-Butanone-d5	3.834	46	23522	33.737	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.480%
24) Chloroform-d	4.243	84	199980	24.163	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	4.940	65	104030	25.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.360%
32) Benzene-d6	4.953	84	361579	23.713	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.840%
36) 1,2-Dichloropropane-d6	5.985	67	111748	24.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	7.239	98	307255	21.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	7.554	79	43691	23.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.480%
47) 2-Hexanone-d5	8.030	63	21459	42.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	92318	24.121	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.480%
66) 1,2-Dichlorobenzene-d4	11.557	152	125882	27.617	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.480%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2110	0.433	ug/L #	35
16) Methylene chloride	2.442	84	20469	3.502	ug/L	96
25) Chloroform	4.278	83	5956	0.726	ug/L	88
71) Naphthalene	13.451	128	4706	0.641	ug/L #	92

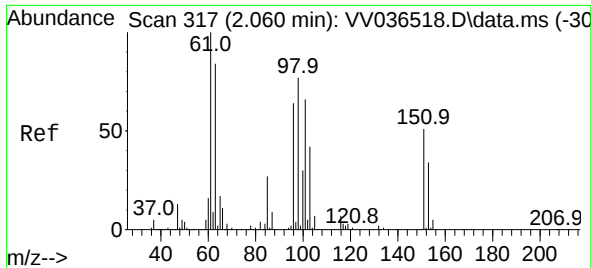
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.433 ug/L

RT: 2.053 min Scan# 315

Delta R.T. -0.007 min

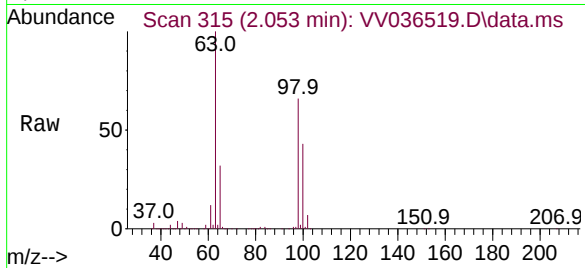
Lab File: VV036519.D

Acq: 15 Jul 2024 11:18

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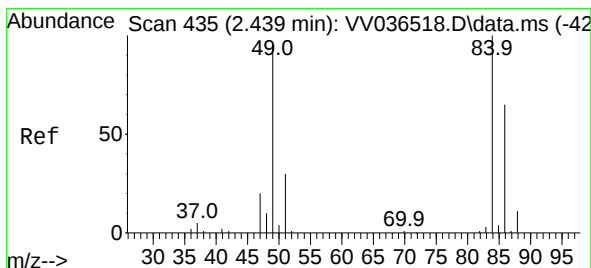
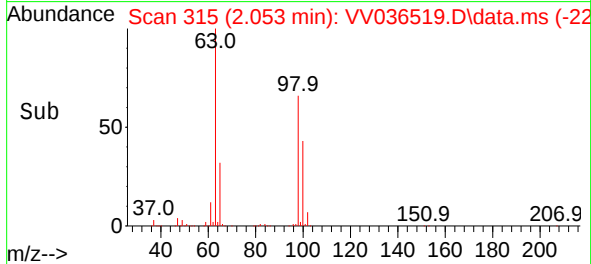
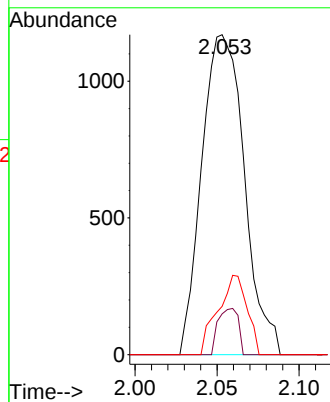
Tgt Ion:101 Resp: 2110

Ion Ratio Lower Upper

101 100

85 6.8 32.5 48.7#

151 16.9 62.6 94.0#



#16

Methylene chloride

Concen: 3.502 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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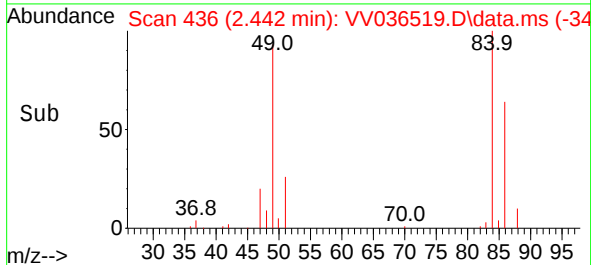
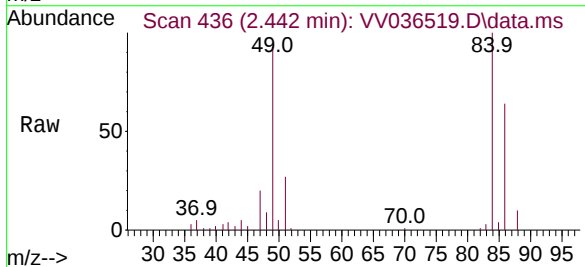
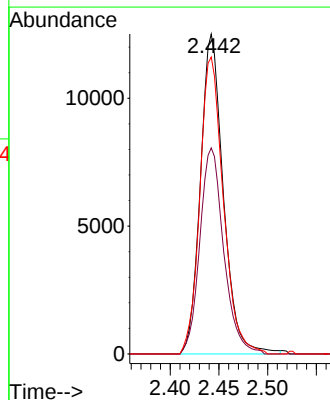
Tgt Ion: 84 Resp: 20469

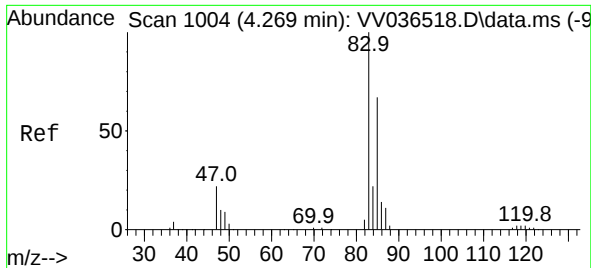
Ion Ratio Lower Upper

84 100

86 64.4 46.3 86.1

49 92.8 68.1 126.5





#25

Chloroform

Concen: 0.726 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.009 min

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Instrument :

MSVOA_V

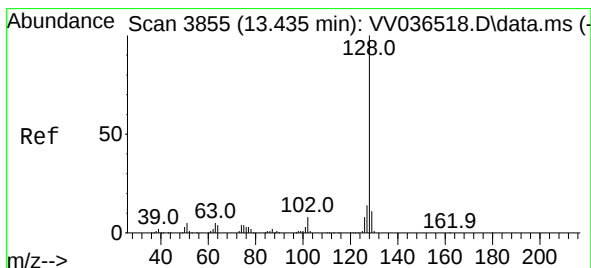
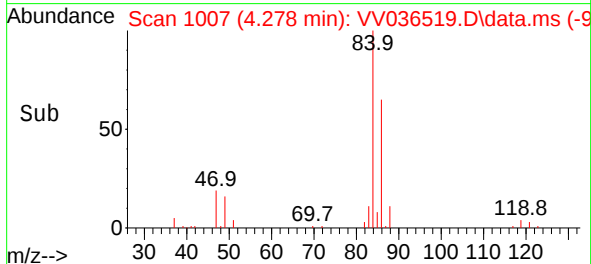
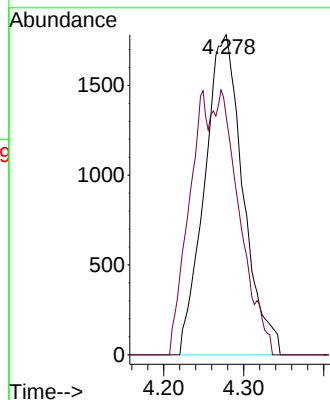
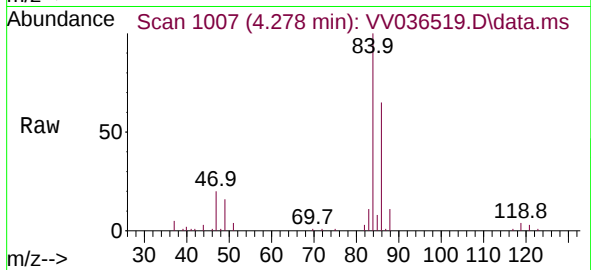
ClientSampleId :

Tgt Ion: 83 Resp: 5956

Ion Ratio Lower Upper

83 100

85 74.5 45.6 84.6



#71

Naphthalene

Concen: 0.641 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

Lab File: VV036519.D

Acq: 15 Jul 2024 11:18

Tgt Ion:128 Resp: 4706

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

129 4.7 8.6 13.0#

