

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061024\
 Data File : VV036026.D
 Acq On : 10 Jun 2024 13:59
 Operator : SY/MD
 Sample : P2754-15
 Misc : 5.03g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 05:05:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:03:54 2024
 Response via : Initial Calibration

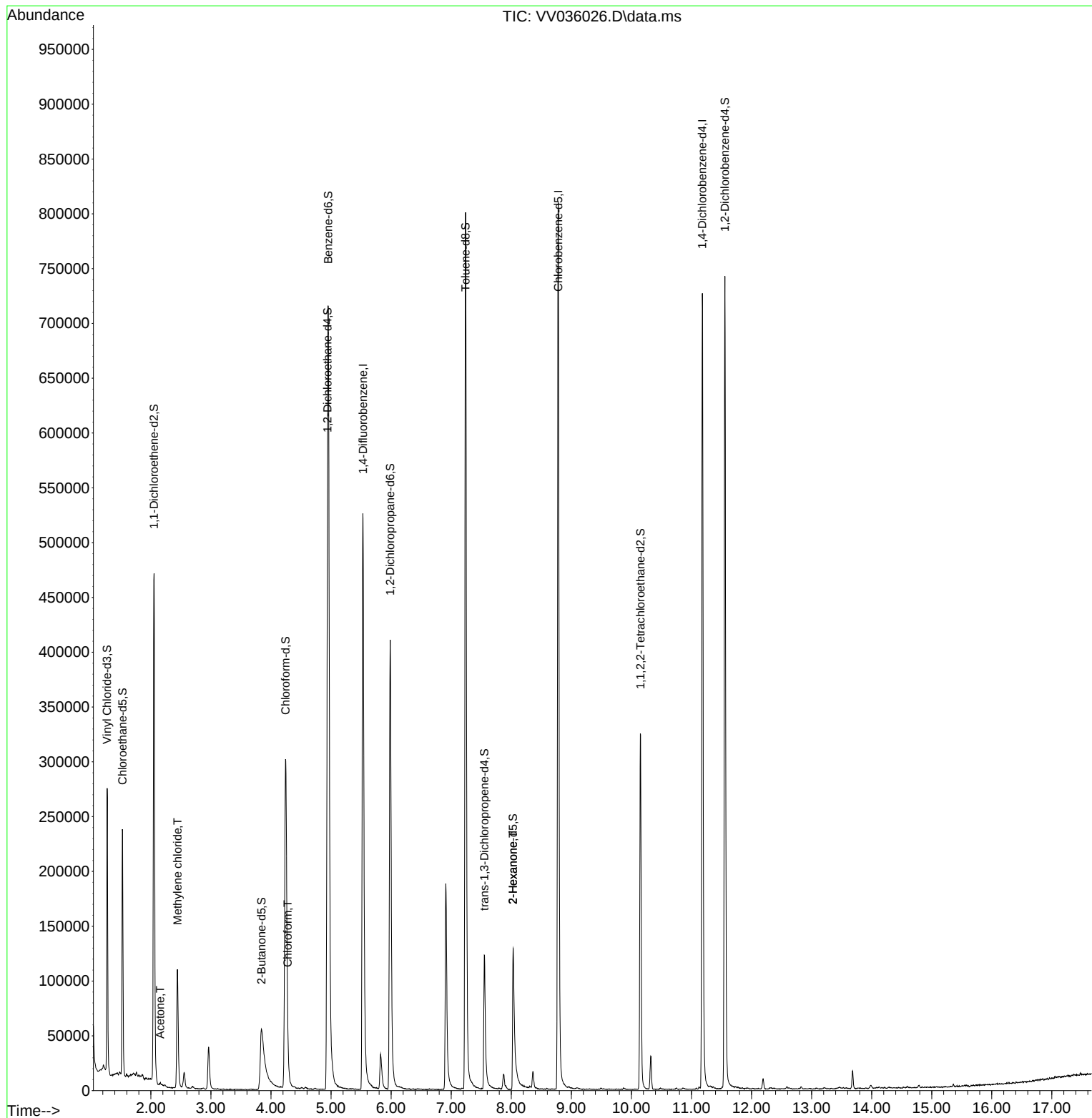
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	464075	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	461533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	196711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	174507	20.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.800%
7) Chloroethane-d5	1.526	69	153108	22.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	2.053	65	81605	21.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.920%
21) 2-Butanone-d5	3.841	46	75150	38.390	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.780%
24) Chloroform-d	4.243	84	338843	22.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	4.941	65	180254	23.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.953	84	661188	24.101	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.986	67	214297	24.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	7.240	98	549876	22.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	7.551	79	78929	22.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	8.031	63	53349	45.577	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	162761	25.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	197272	27.347	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.400%
Target Compounds						
13) Acetone	2.156	43	4709	1.544	ug/L	78
16) Methylene chloride	2.442	84	46478	4.426	ug/L	96
25) Chloroform	4.278	83	8509	0.550	ug/L	85
48) 2-Hexanone	8.031	43	7091	2.106	ug/L #	68

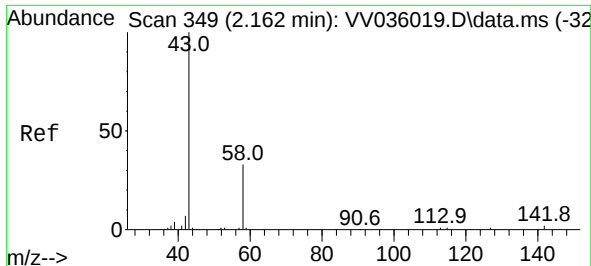
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 11 05:03:54 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.544 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.006 min

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Instrument :

MSVOA_V

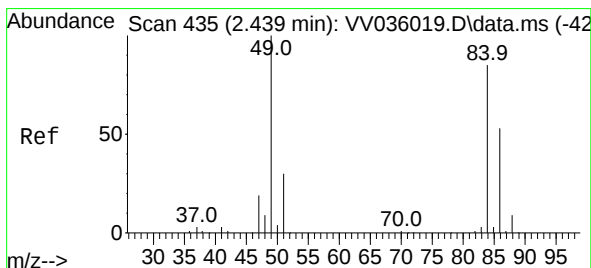
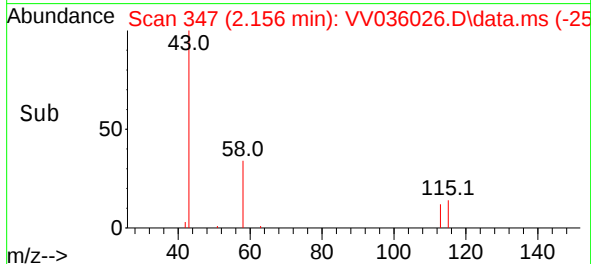
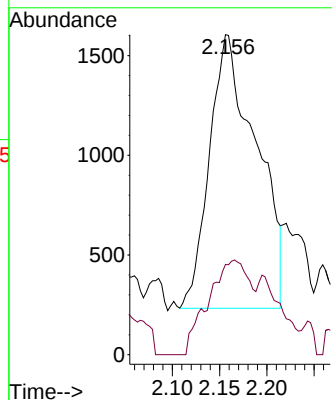
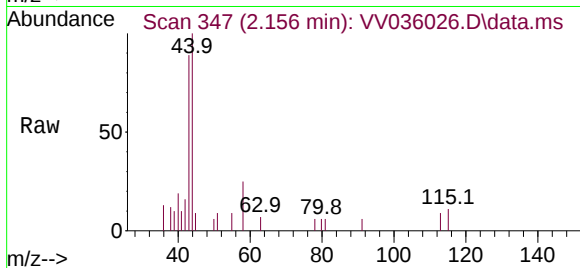
ClientSampleId :

Tgt Ion: 43 Resp: 4709

Ion Ratio Lower Upper

43 100

58 20.5 0.0 24.2



#16

Methylene chloride

Concen: 4.426 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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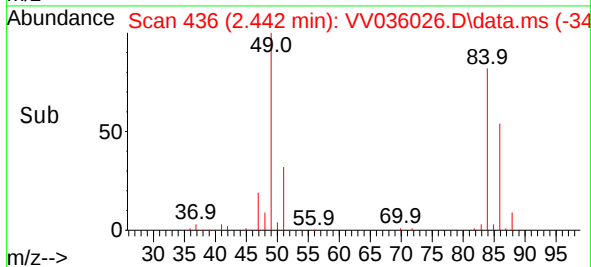
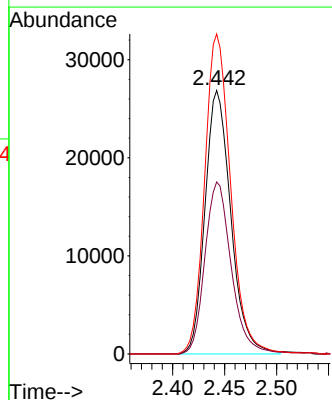
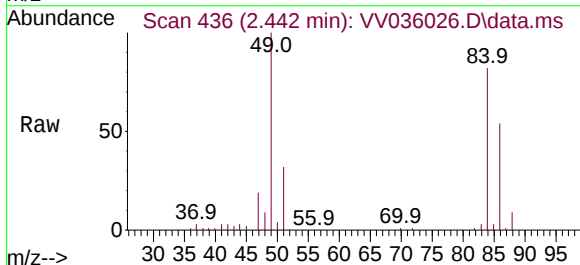
Tgt Ion: 84 Resp: 46478

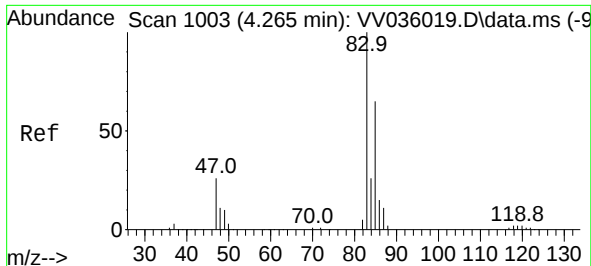
Ion Ratio Lower Upper

84 100

86 65.3 44.6 82.8

49 121.4 81.1 150.5





#25

Chloroform

Concen: 0.550 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.013 min

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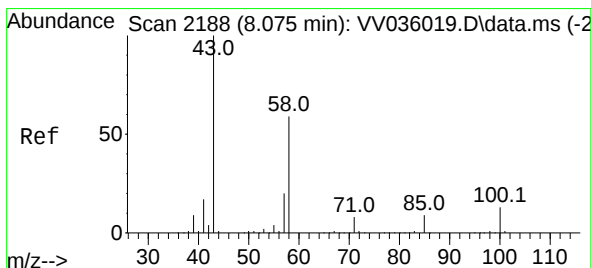
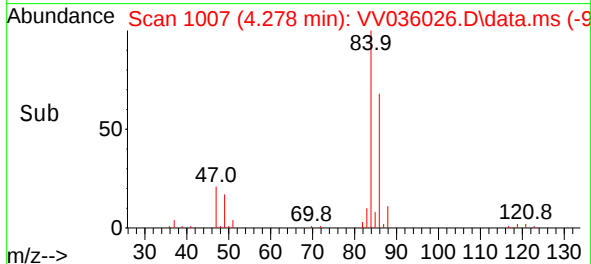
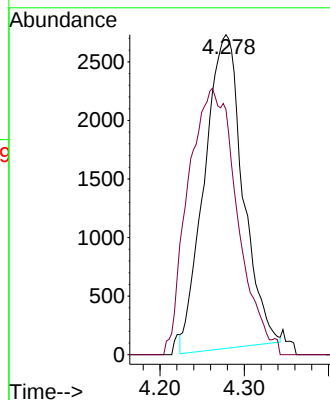
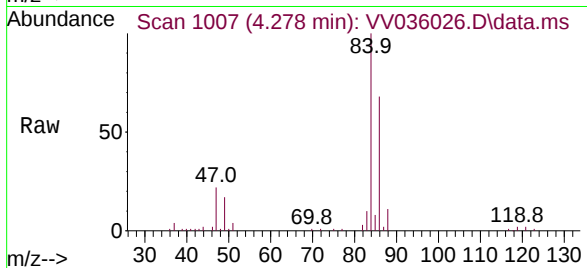
ClientSampleId :

Tgt Ion: 83 Resp: 8509

Ion Ratio Lower Upper

83 100

85 76.6 45.2 84.0



#48

2-Hexanone

Concen: 2.106 ug/L

RT: 8.031 min Scan# 2174

Delta R.T. -0.045 min

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Acq: 10 Jun 2024 13:59

Tgt Ion: 43 Resp: 7091

Ion Ratio Lower Upper

43 100

58 36.1 45.4 68.0#

57 41.6 15.8 23.8#

100 3.0 9.8 14.8#

