

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036226.D
 Acq On : 21 Jun 2024 23:46
 Operator : SY/MD
 Sample : P2987-16
 Misc : 4.35g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 03:02:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

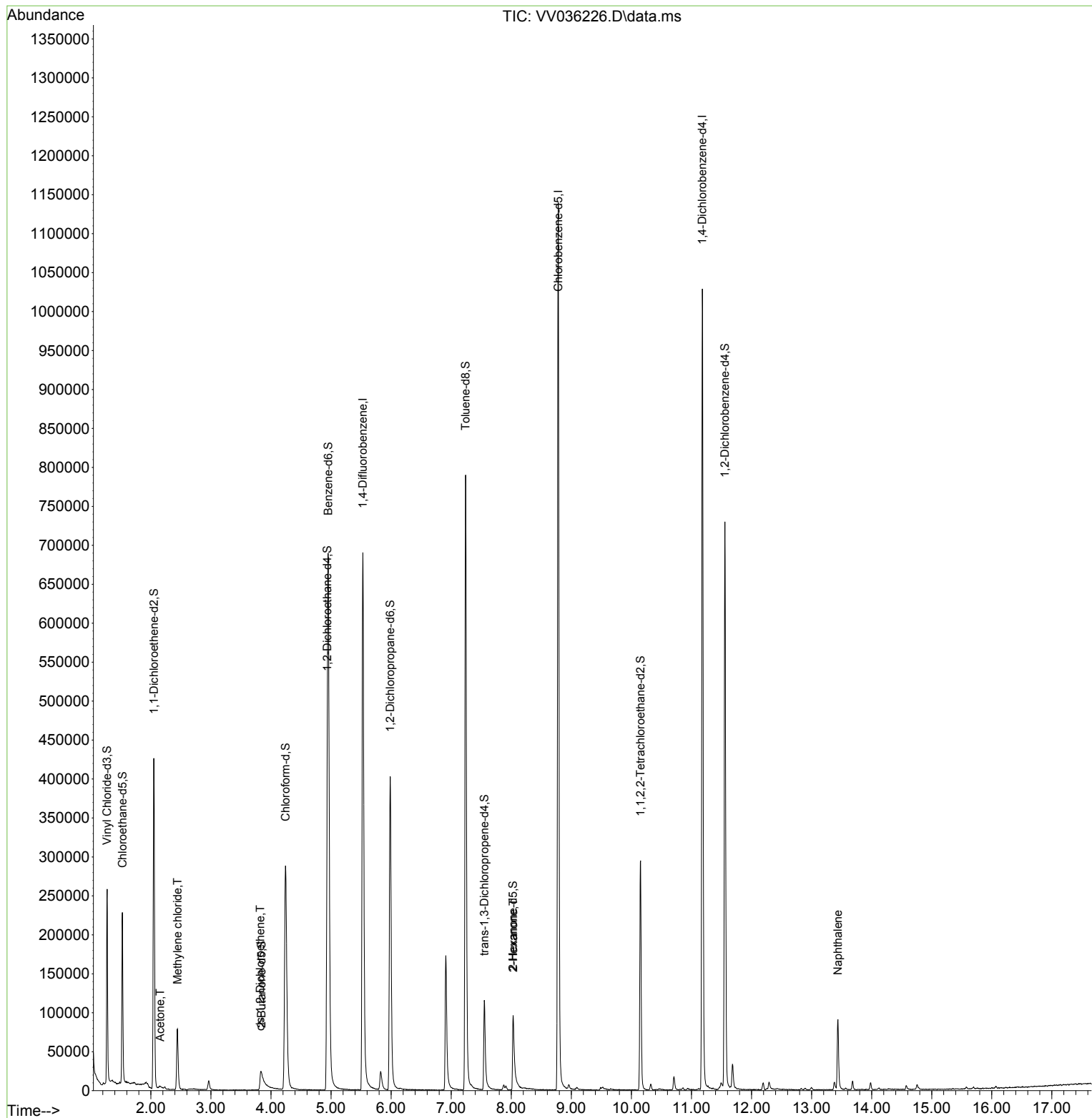
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	604813	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	626479	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	264135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	170275	15.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.240%
7) Chloroethane-d5	1.526	69	147214	16.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.050	65	74292	15.008	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.040%
21) 2-Butanone-d5	3.841	46	45831	17.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.920%
24) Chloroform-d	4.243	84	320912	16.690	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.760%
26) 1,2-Dichloroethane-d4	4.937	65	179483	17.803	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.200%
32) Benzene-d6	4.953	84	630797	16.939	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.760%
36) 1,2-Dichloropropane-d6	5.986	67	204402	17.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.720%#
41) Toluene-d8	7.239	98	532470	16.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.840%
43) trans-1,3-Dichloroprop...	7.551	79	73561	15.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.200%
47) 2-Hexanone-d5	8.030	63	36968	23.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.540%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	145081	16.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	187811	19.390	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.560%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	6611	1.664	ug/L	95
16) Methylene chloride	2.442	84	35511	2.595	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	5456	0.528	ug/L	98
48) 2-Hexanone	8.034	43	4332	0.948	ug/L #	68
71) Naphthalene	13.439	128	72567	4.242	ug/L	98

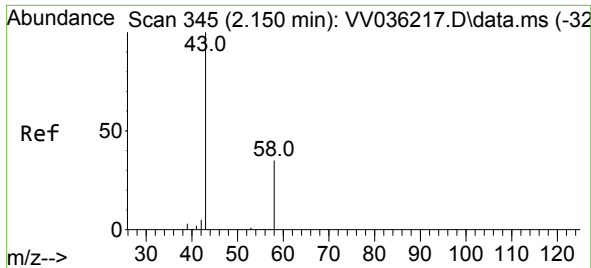
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 22 02:57:23 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.664 ug/L

RT: 2.153 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036226.D

Acq: 21 Jun 2024 23:46

Instrument :

MSVOA_V

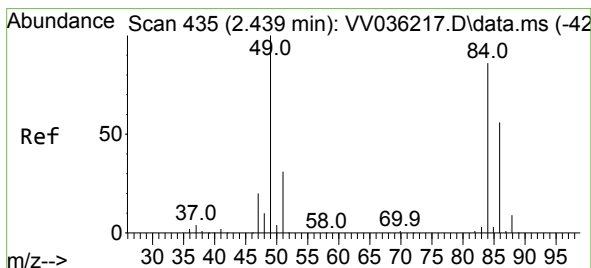
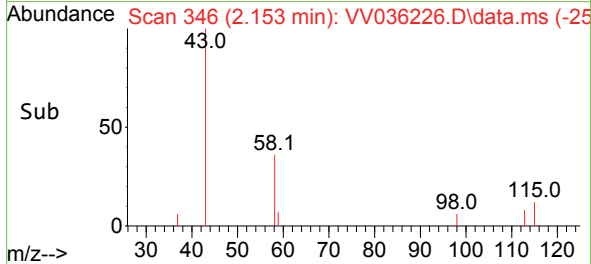
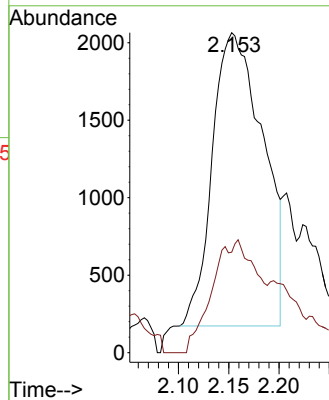
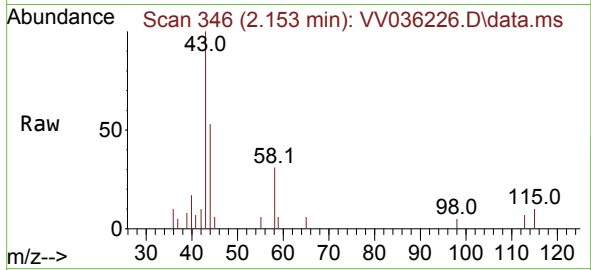
ClientSampleId :

Tgt Ion: 43 Resp: 6611

Ion Ratio Lower Upper

43 100

58 14.2 0.0 24.2



#16

Methylene chloride

Concen: 2.595 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036226.D

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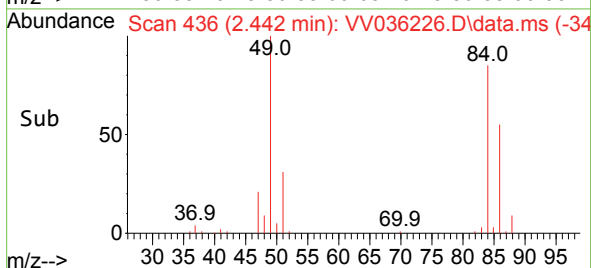
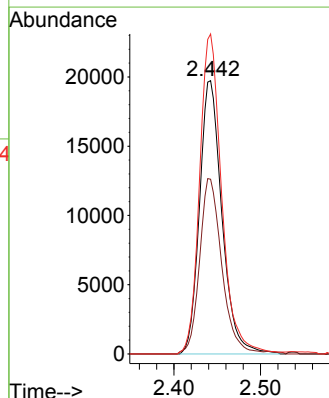
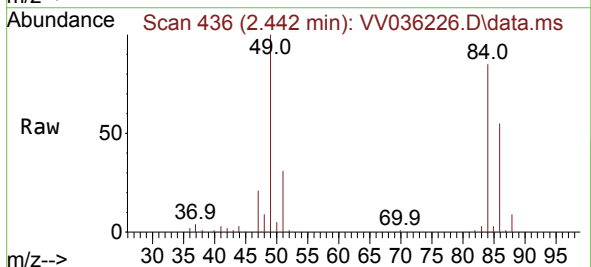
Tgt Ion: 84 Resp: 35511

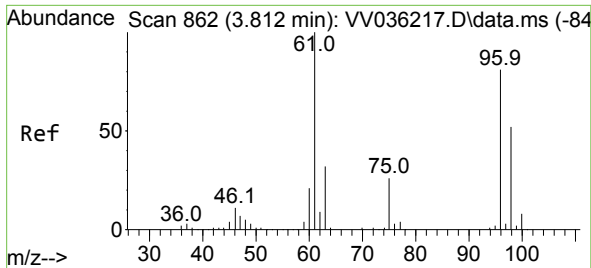
Ion Ratio Lower Upper

84 100

86 64.0 44.6 82.8

49 117.1 81.1 150.5





#20

cis-1,2-Dichloroethene

Concen: 0.528 ug/L

RT: 3.822 min Scan# 80

Delta R.T. 0.010 min

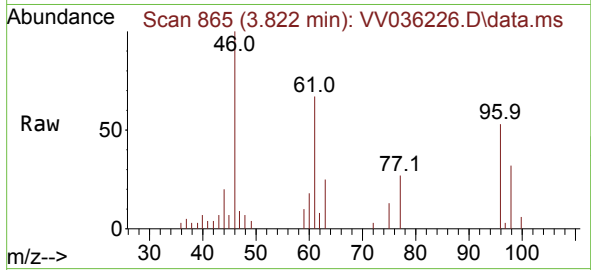
Lab File: VV036226.D

Acq: 21 Jun 2024 23:46

Instrument :

MSVOA_V

ClientSampleId :



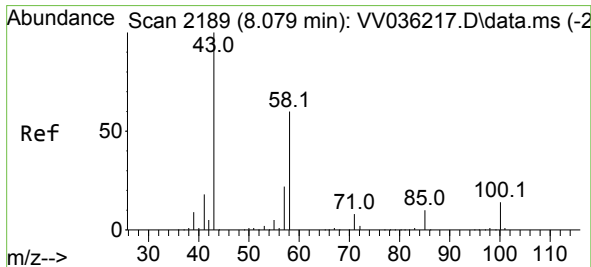
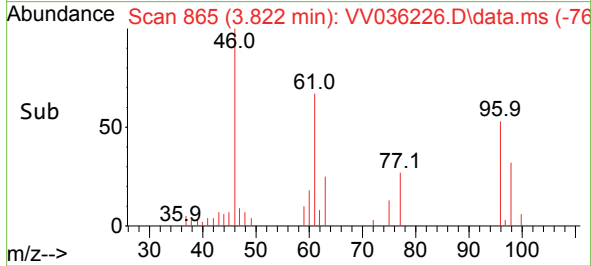
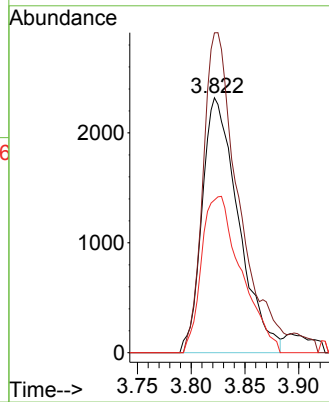
Tgt Ion: 96 Resp: 5456

Ion Ratio Lower Upper

96 100

61 125.5 87.9 163.3

98 59.9 44.4 82.5



#48

2-Hexanone

Concen: 0.948 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

Lab File: VV036226.D

Acq: 21 Jun 2024 23:46

Tgt Ion: 43 Resp: 4332

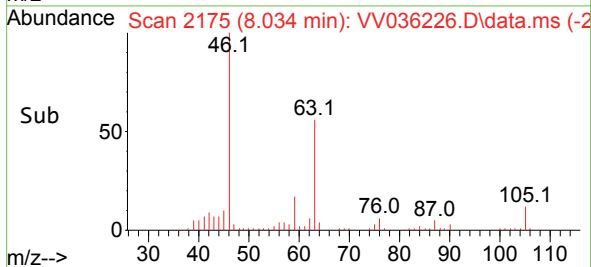
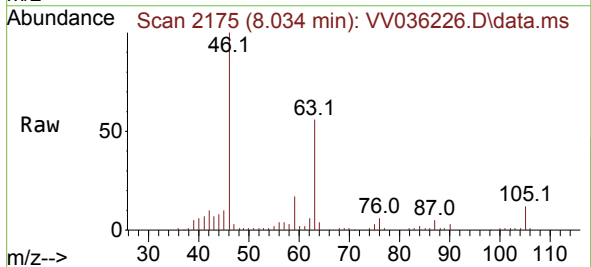
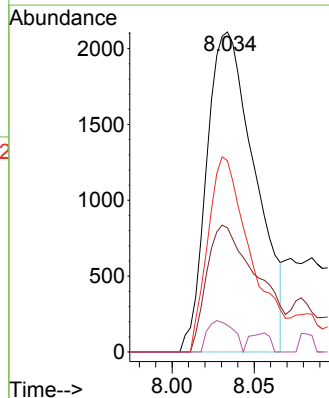
Ion Ratio Lower Upper

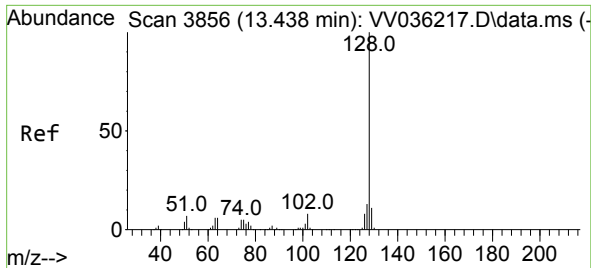
43 100

58 42.4 45.4 68.0#

57 54.3 15.8 23.8#

100 5.2 9.8 14.8#





#71

Naphthalene

Concen: 4.242 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

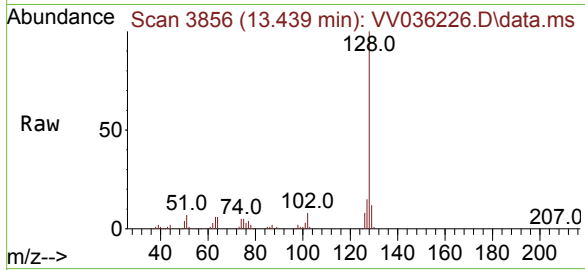
Lab File: VV036226.D

Acq: 21 Jun 2024 23:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 72567

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 11.2 8.8 13.2

