

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036187.D
 Acq On : 21 Jun 2024 01:35
 Operator : SY/MD
 Sample : P2962-18
 Misc : 2.45g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

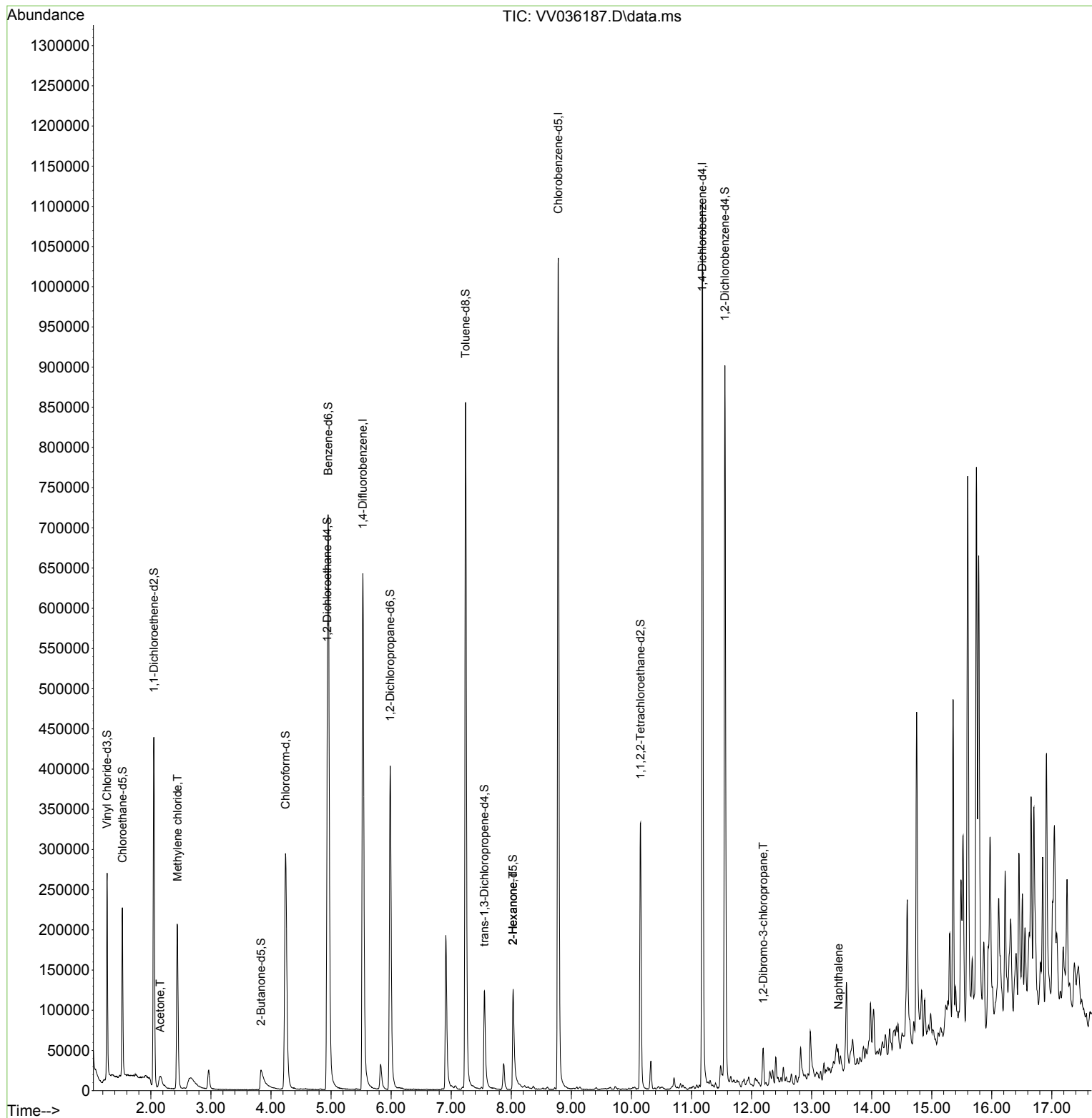
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	587671	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	604739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	295390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	175303	16.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.920%
7) Chloroethane-d5	1.526	69	145132	16.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	2.050	65	74969	15.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.360%
21) 2-Butanone-d5	3.834	46	54924	22.157	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.320%
24) Chloroform-d	4.243	84	330038	17.665	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.640%
26) 1,2-Dichloroethane-d4	4.937	65	191321	19.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.120%
32) Benzene-d6	4.953	84	675891	18.802	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	5.986	67	206942	18.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.120%
41) Toluene-d8	7.239	98	604557	19.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.240%
43) trans-1,3-Dichloroprop...	7.555	79	81462	17.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.200%
47) 2-Hexanone-d5	8.030	63	52817	34.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.880%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	162791	19.244	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	238677	22.034	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						Qvalue
13) Acetone	2.156	43	38096	9.866	ug/L	91
16) Methylene chloride	2.442	84	97119	7.303	ug/L	91
48) 2-Hexanone	8.030	43	5460	1.238	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.194	75	1188	0.760	ug/L #	14
71) Naphthalene	13.448	128	7462	0.390	ug/L #	85

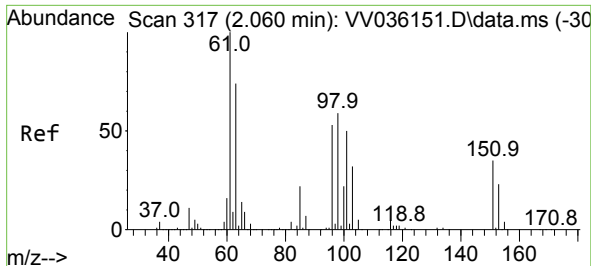
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 9.866 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.010 min

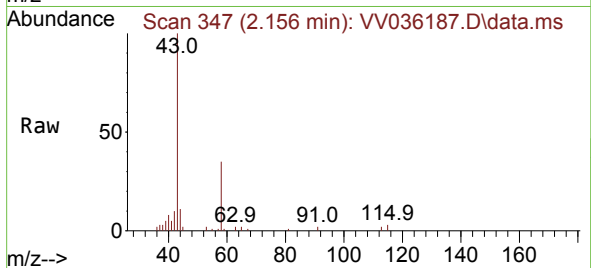
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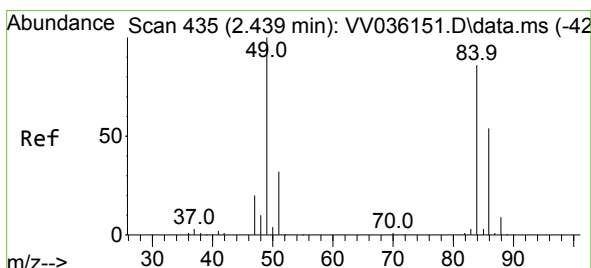
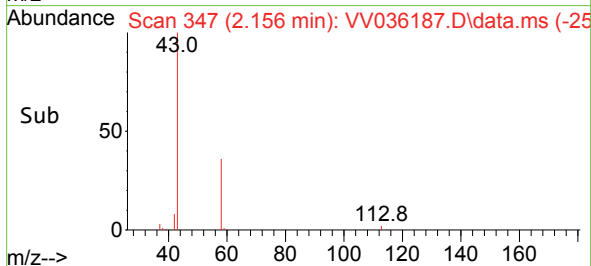
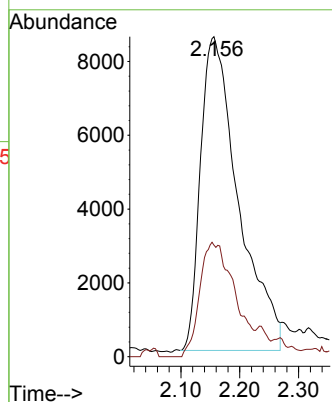


Tgt Ion: 43 Resp: 38096

Ion Ratio Lower Upper

43 100

58 15.6 0.0 24.2



#16

Methylene chloride

Concen: 7.303 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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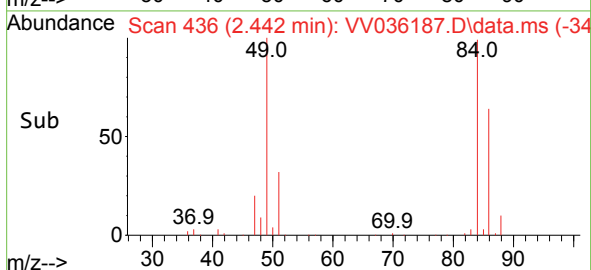
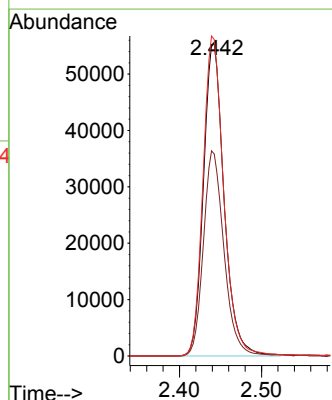
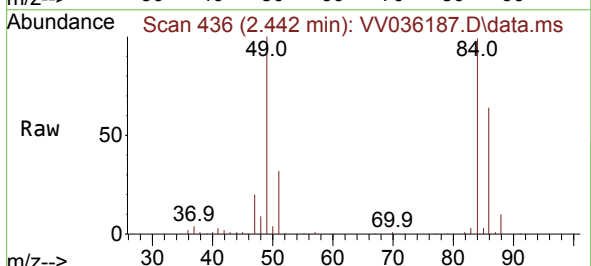
Tgt Ion: 84 Resp: 97119

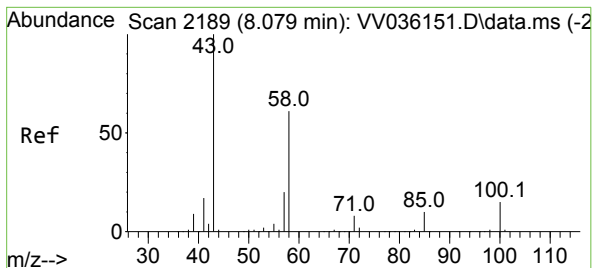
Ion Ratio Lower Upper

84 100

86 64.6 44.6 82.8

49 101.2 81.1 150.5





#48

2-Hexanone

Concen: 1.238 ug/L

RT: 8.030 min Scan# 2189

Delta R.T. -0.048 min

Lab File: VV036187.D

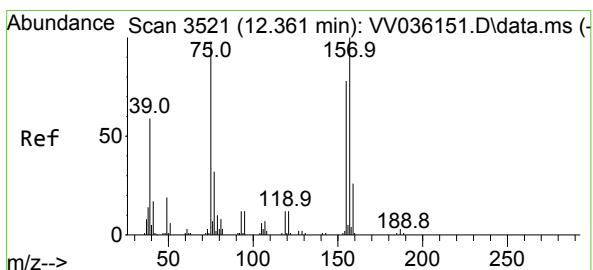
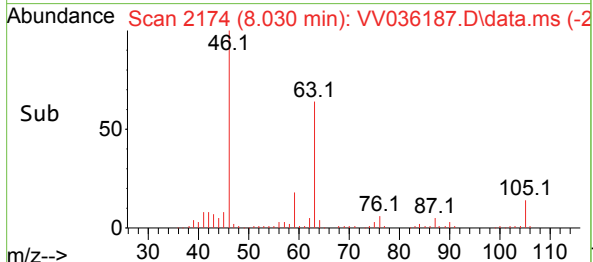
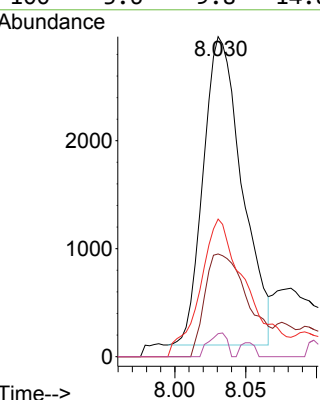
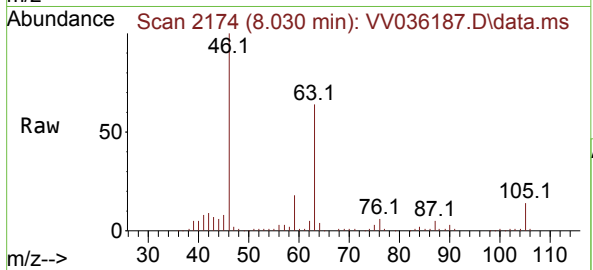
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	5460
Ion	Ratio	Lower	Upper
43	100		
58	37.4	45.4	68.0#
57	49.4	15.8	23.8#
100	3.6	9.8	14.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.760 ug/L

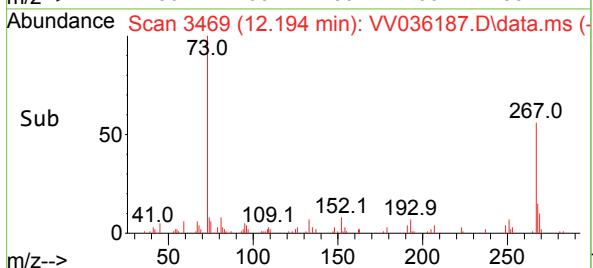
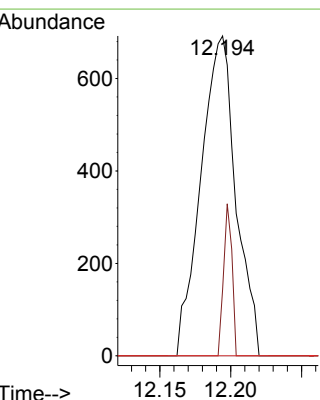
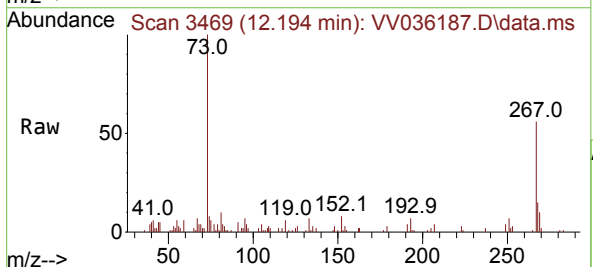
RT: 12.194 min Scan# 3469

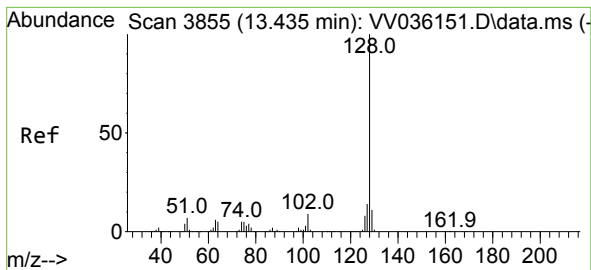
Delta R.T. -0.167 min

Lab File: VV036187.D

Acq: 21 Jun 2024 01:35

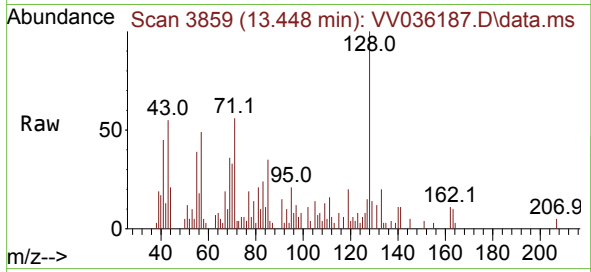
Tgt Ion:	75	Resp:	1188
Ion	Ratio	Lower	Upper
75	100		
155	20.7	63.3	94.9#
157	0.0	82.4	123.6#





#71
Naphthalene
Concen: 0.390 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV036187.D
Acq: 21 Jun 2024 01:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 7462
Ion Ratio Lower Upper
128 100
127 9.6 10.6 16.0#
129 2.7 8.8 13.2#

