

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090524\
 Data File : VV037206.D
 Acq On : 05 Sep 2024 09:33
 Operator : SY/MD
 Sample : VV0905WBL01
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 06 01:31:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 06 01:31:19 2024
 Response via : Initial Calibration

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

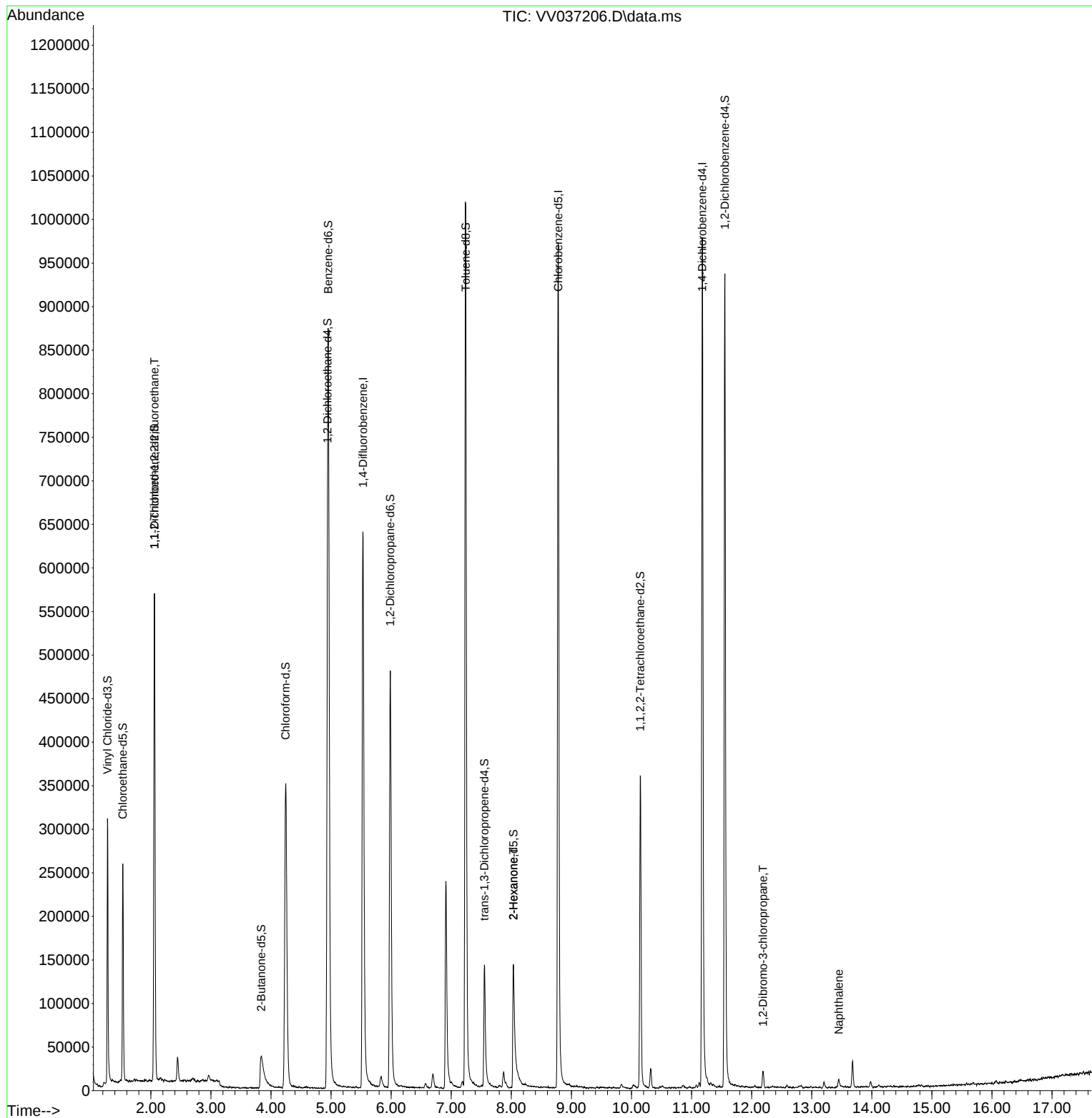
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	561946	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	537088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	251704	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	201756	20.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
7) Chloroethane-d5	1.532	69	163669	20.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	94004	20.762	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.040%
21) 2-Butanone-d5	3.838	46	82721	38.000	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.000%
24) Chloroform-d	4.243	84	375225	21.700	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.940	65	201543	22.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.920%
32) Benzene-d6	4.953	84	772512	22.762	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.040%
36) 1,2-Dichloropropane-d6	5.985	67	243216	23.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.520%
41) Toluene-d8	7.239	98	685851	22.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.551	79	88152	21.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.120%
47) 2-Hexanone-d5	8.034	63	54460	37.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.000%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	178415	22.077	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.320%
66) 1,2-Dichlorobenzene-d4	11.554	152	235246	23.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.760%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3011	0.388	ug/L #	24
48) 2-Hexanone	8.034	43	5501	1.510	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	12.188	75	1010	0.965	ug/L #	5
71) Naphthalene	13.451	128	8414	0.462	ug/L #	94

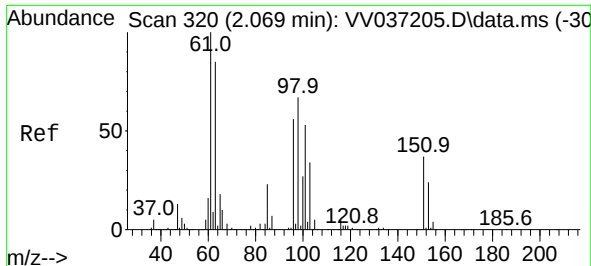
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 06 01:31:19 2024
Response via : Initial Calibration





#10

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

Concen: 0.388 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

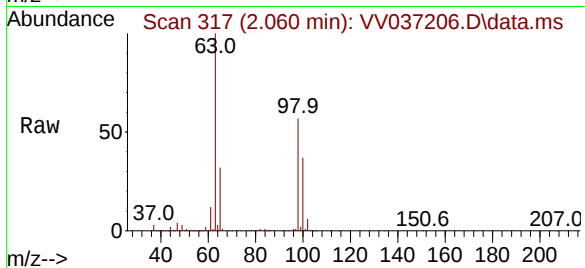
Lab File: VV037206.D

Acq: 05 Sep 2024 09:33

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MSVOA_V

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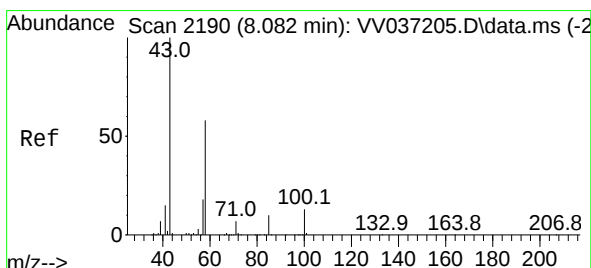
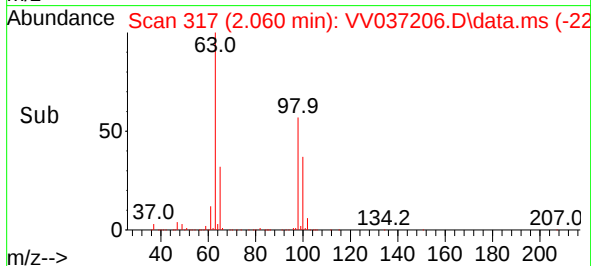
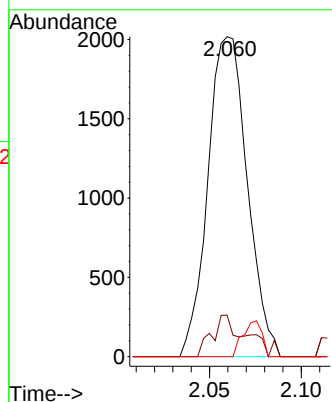
Tgt Ion:101 Resp: 3011

Ion Ratio Lower Upper

101 100

85 3.0 34.7 52.1#

151 0.0 54.3 81.5#



#48

2-Hexanone

Concen: 1.510 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.048 min

Lab File: VV037206.D

Acq: 05 Sep 2024 09:33

Tgt Ion: 43 Resp: 5501

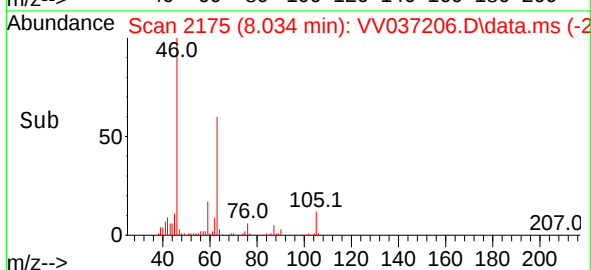
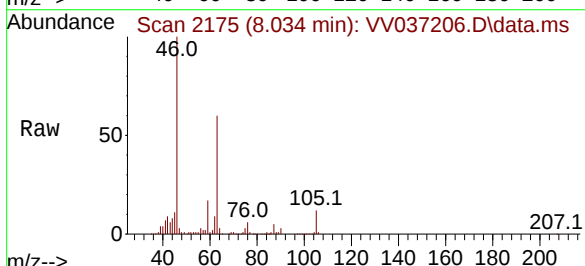
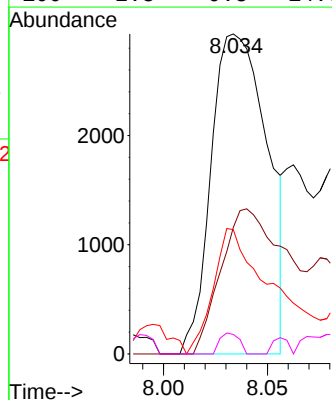
Ion Ratio Lower Upper

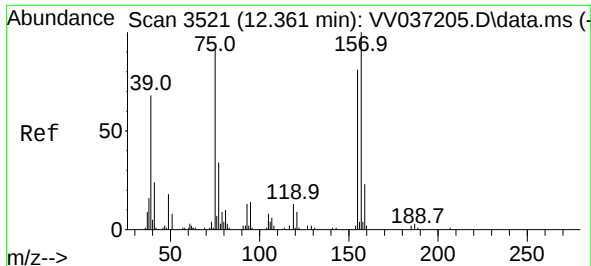
43 100

58 53.8 42.9 64.3

57 42.2 14.6 21.8#

100 2.3 9.8 14.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.965 ug/L

RT: 12.188 min Scan# 3467

Delta R.T. -0.174 min

Lab File: VV037206.D

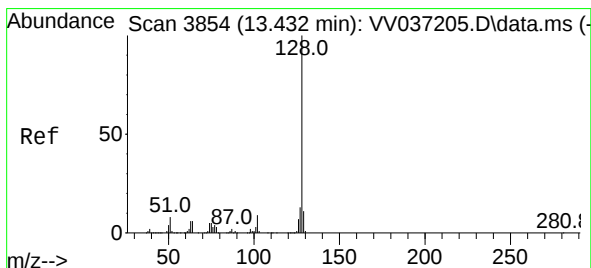
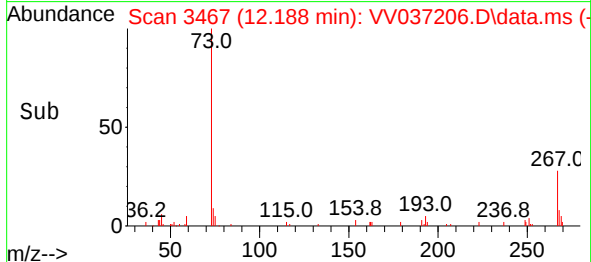
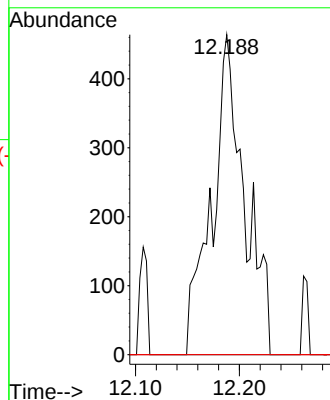
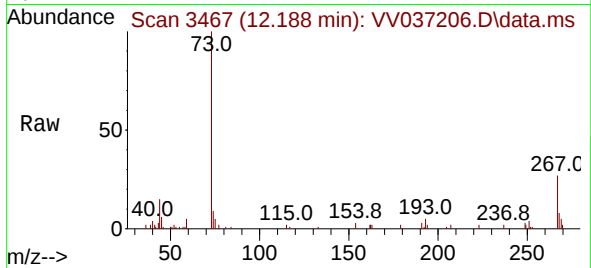
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	1010
Ion Ratio	Lower	Upper	
75	100		
155	0.0	65.6	98.4#
157	0.0	76.9	115.3#



#71

Naphthalene

Concen: 0.462 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.019 min

Lab File: VV037206.D

Acq: 05 Sep 2024 09:33

Tgt Ion:	128	Resp:	8414
Ion Ratio	Lower	Upper	
128	100		
127	10.9	10.5	15.7
129	7.5	8.2	12.2#

