

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036248.D
 Acq On : 24 Jun 2024 16:01
 Operator : SY/MD
 Sample : P2987-04
 Misc : 4.65g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 04:58:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 04:55:15 2024
 Response via : Initial Calibration

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

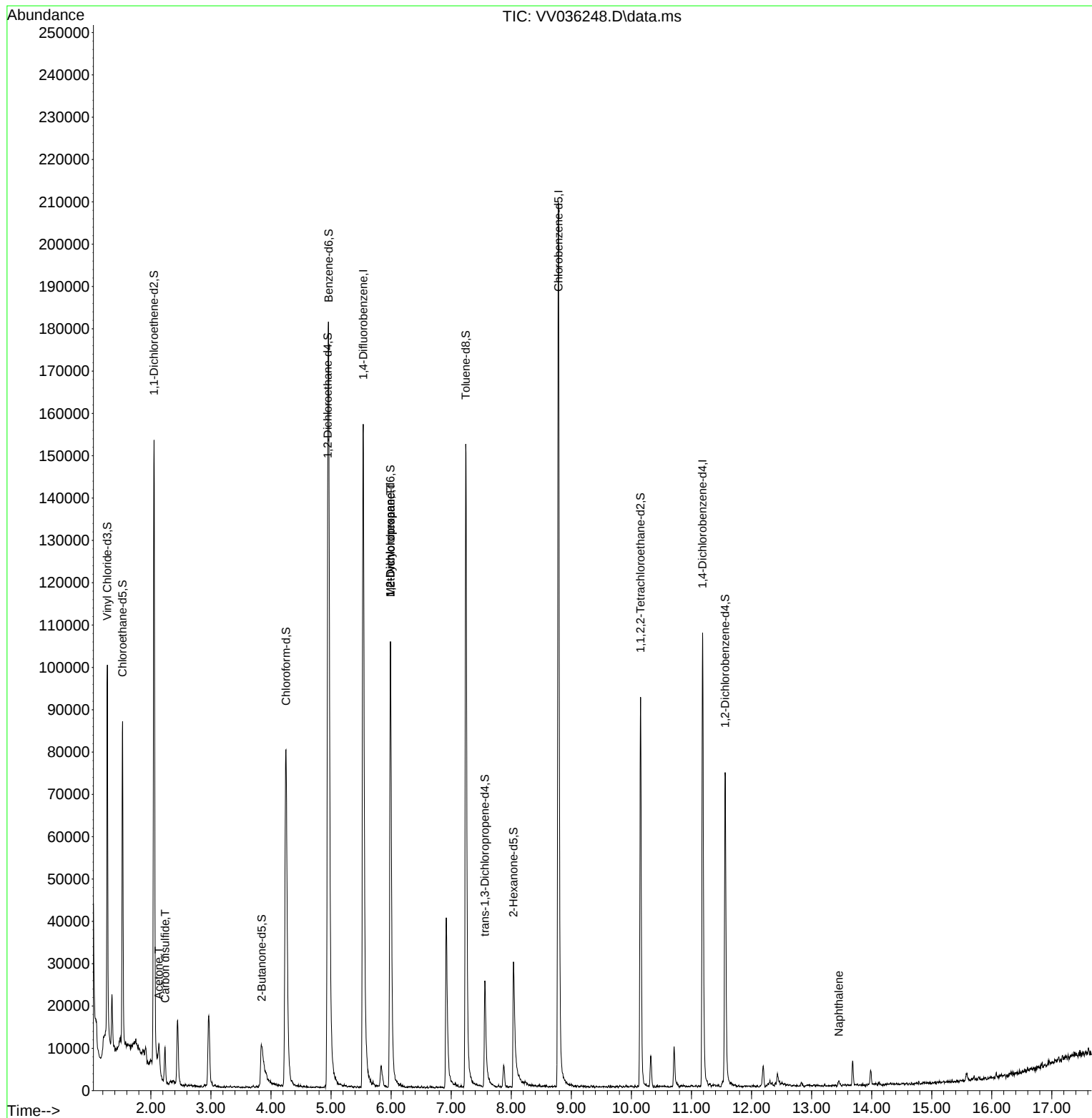
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	139641	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	123455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	30936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	57403	22.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
7) Chloroethane-d5	1.529	69	50037	24.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	2.053	65	25183	22.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.120%
21) 2-Butanone-d5	3.847	46	19776	33.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.140%
24) Chloroform-d	4.249	84	91441	20.597	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	4.944	65	52439	22.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	4.960	84	158901	21.653	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	5.989	67	52416	22.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.720%
41) Toluene-d8	7.243	98	109289	16.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.520%
43) trans-1,3-Dichloroprop...	7.561	79	18025	19.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.080%
47) 2-Hexanone-d5	8.037	63	11491	36.700	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.400%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	46717	27.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	20556	18.120	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.480%#
Target Compounds						
					Qvalue	
13) Acetone	2.134	43	6256	6.818	ug/L #	35
14) Carbon disulfide	2.237	76	9867	1.271	ug/L	98
35) Methylcyclohexane	5.989	83	13010	3.802	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	5800	2.736	ug/L #	87
71) Naphthalene	13.455	128	1175	0.587	ug/L #	87

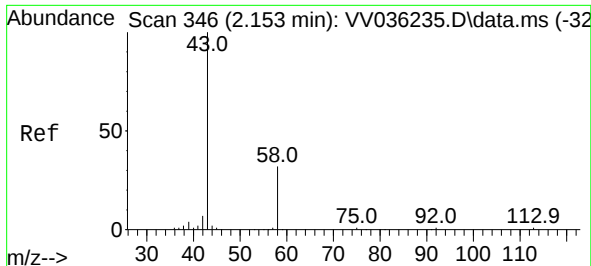
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 25 04:55:15 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.818 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV036248.D

Acq: 24 Jun 2024 16:01

Instrument :

MSVOA_V

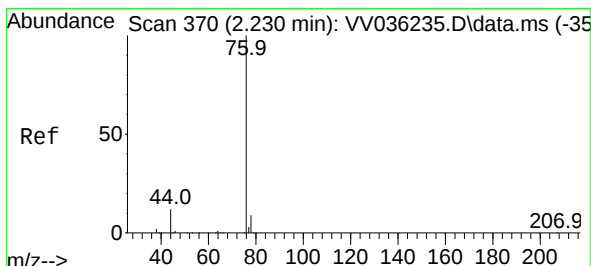
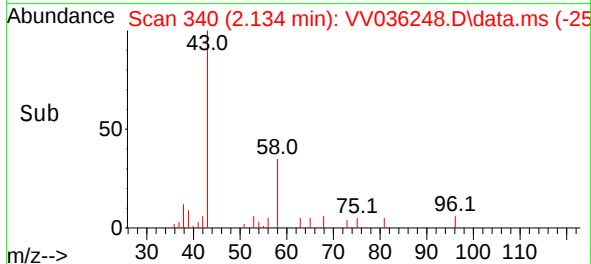
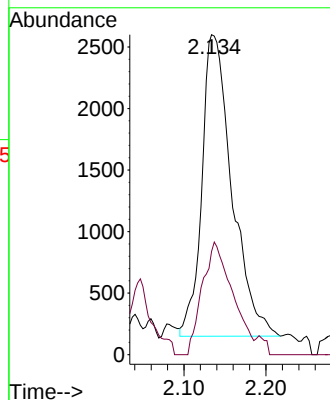
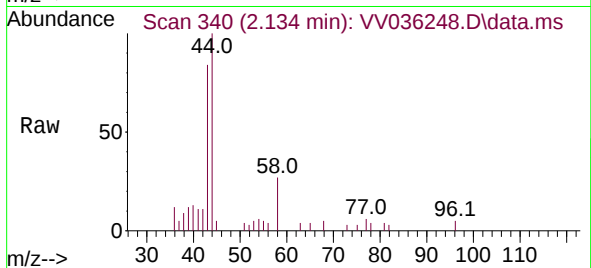
ClientSampleId :

Tgt Ion: 43 Resp: 6256

Ion Ratio Lower Upper

43 100

58 37.6 0.0 24.2#



#14

Carbon disulfide

Concen: 1.271 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.007 min

Lab File: VV036248.D

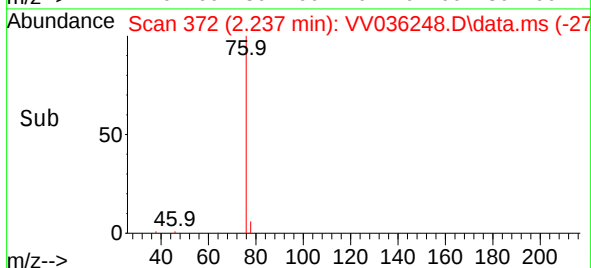
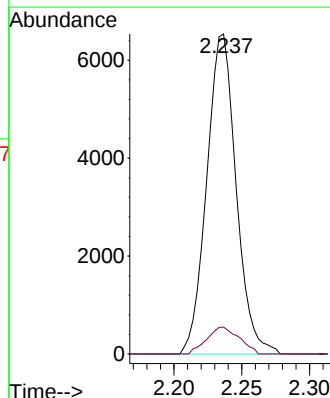
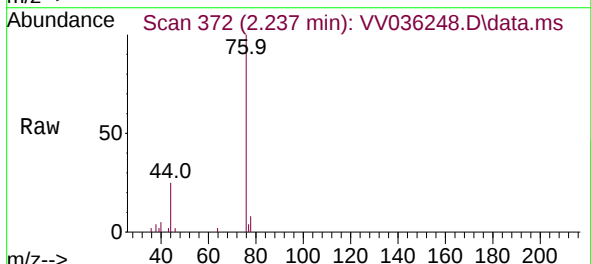
Acq: 24 Jun 2024 16:01

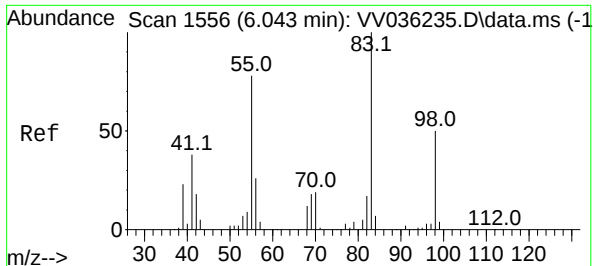
Tgt Ion: 76 Resp: 9867

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.2





#35

Methylcyclohexane

Concen: 3.802 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.055 min

Lab File: VV036248.D

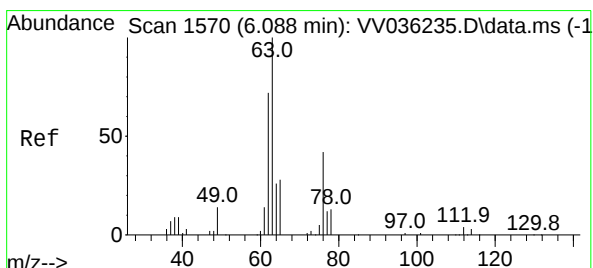
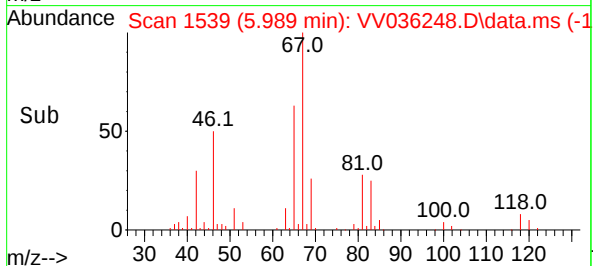
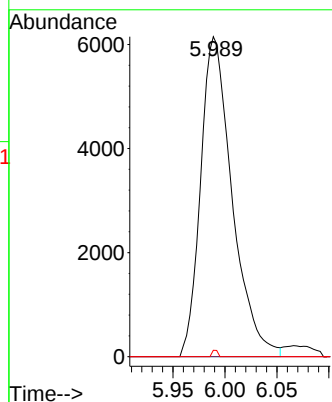
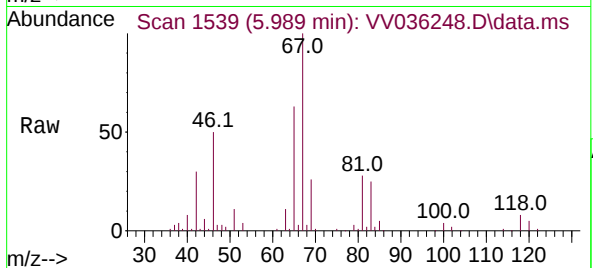
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	13010
Ion Ratio	Lower	Upper
83	100	
55	0.0	60.7 91.1#
98	0.4	38.7 58.1#



#37

1,2-Dichloropropane

Concen: 2.736 ug/L

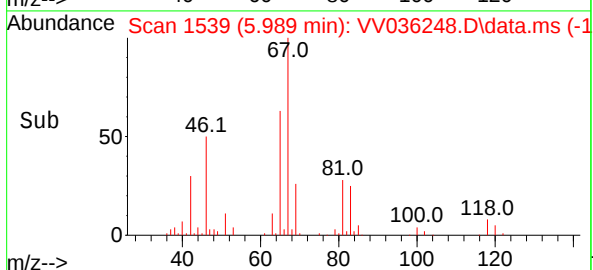
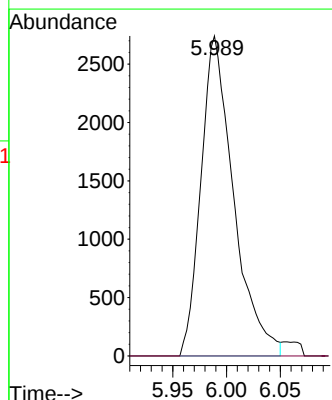
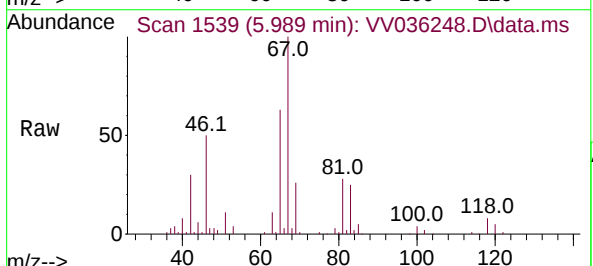
RT: 5.989 min Scan# 1539

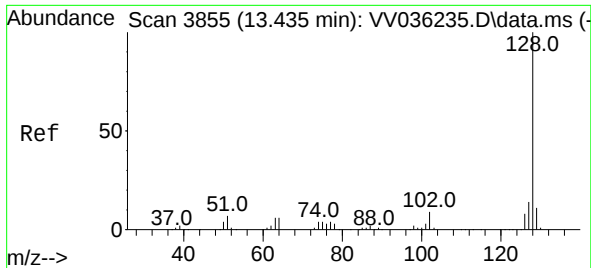
Delta R.T. -0.100 min

Lab File: VV036248.D

Acq: 24 Jun 2024 16:01

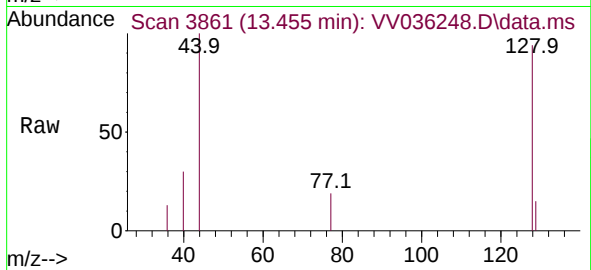
Tgt Ion: 63	Resp:	5800
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.5 5.3#





#71
Naphthalene
Concen: 0.587 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV036248.D
Acq: 24 Jun 2024 16:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1175
Ion Ratio Lower Upper
128 100
127 7.0 10.6 16.0#
129 7.5 8.8 13.2#

