

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035970.D
 Acq On : 04 Jun 2024 12:06
 Operator : SY/MD
 Sample : P2695-12
 Misc : 5.20g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 04:04:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 04:01:54 2024
 Response via : Initial Calibration

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

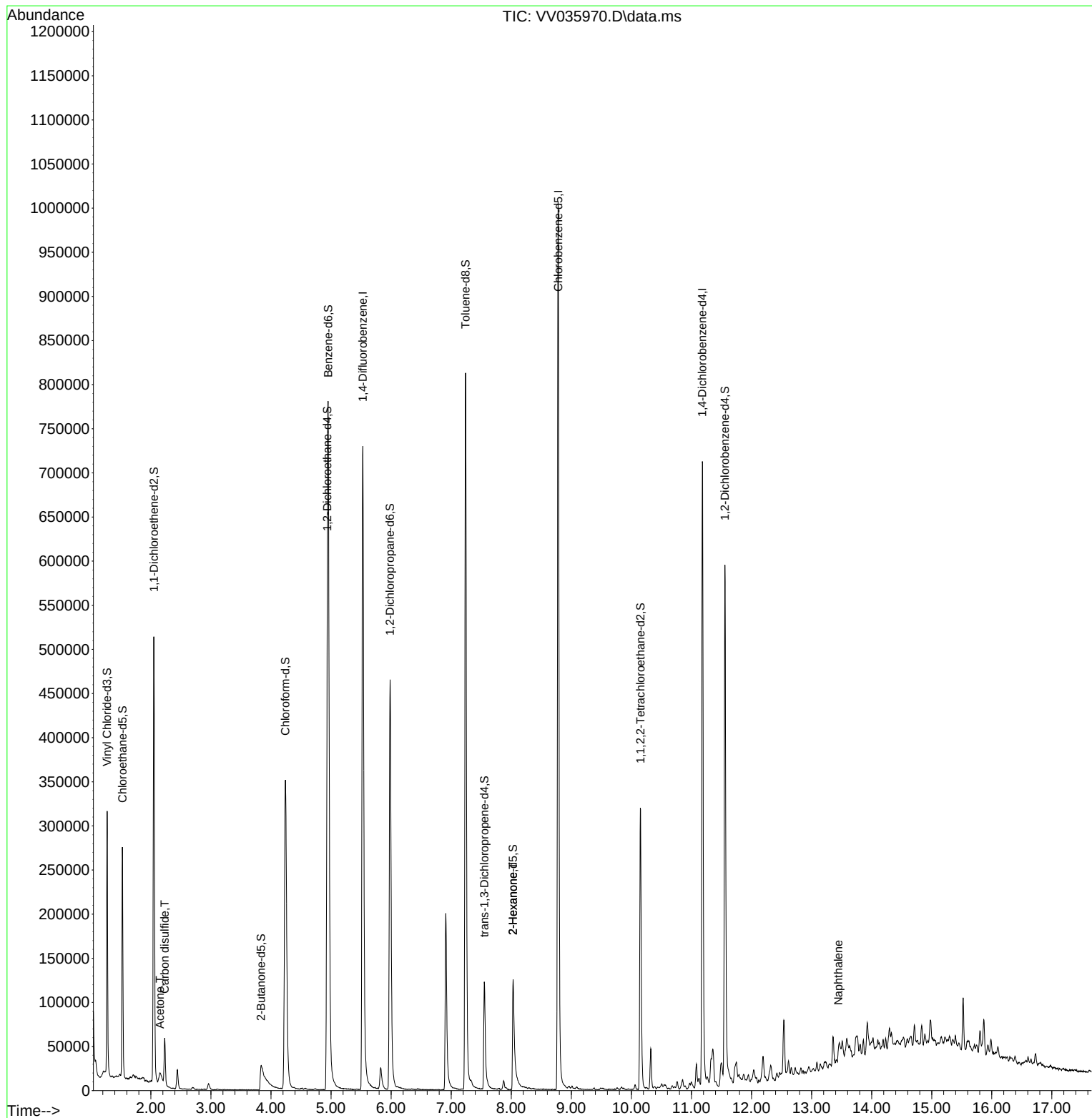
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	645287	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	573325	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	191333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	191181	16.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.440%
7) Chloroethane-d5	1.526	69	170700	18.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.050	65	88622	16.780	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.120%
21) 2-Butanone-d5	3.834	46	69275	25.451	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.900%
24) Chloroform-d	4.240	84	395458	19.276	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.120%
26) 1,2-Dichloroethane-d4	4.937	65	196728	18.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.160%
32) Benzene-d6	4.953	84	718953	21.096	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.982	67	242821	22.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.520%
41) Toluene-d8	7.239	98	555571	18.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.920%
43) trans-1,3-Dichloroprop...	7.551	79	81347	18.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.960%
47) 2-Hexanone-d5	8.030	63	51084	35.132	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	161261	20.108	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	151380	21.575	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.320%
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	16030	3.781	ug/L #	1
14) Carbon disulfide	2.230	76	60855	1.696	ug/L	99
48) 2-Hexanone	8.030	43	5754	1.376	ug/L #	72
71) Naphthalene	13.445	128	10874	0.878	ug/L #	96

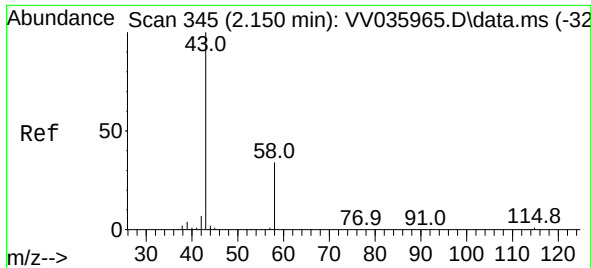
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.781 ug/L

RT: 2.150 min Scan# 345

Delta R.T. -0.000 min

Lab File: VV035970.D

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Instrument :

MSVOA_V

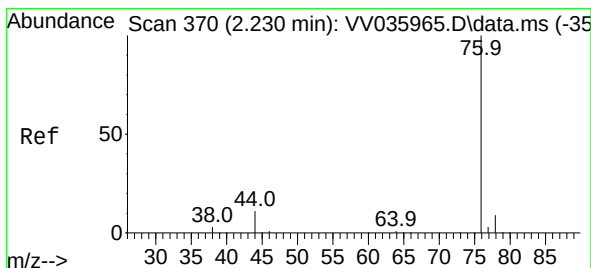
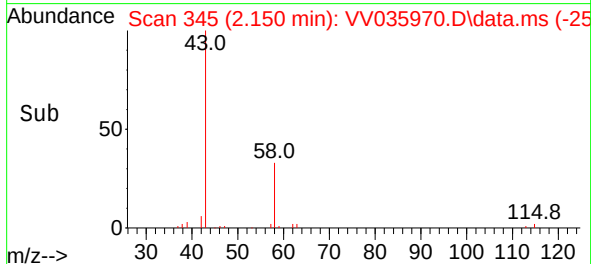
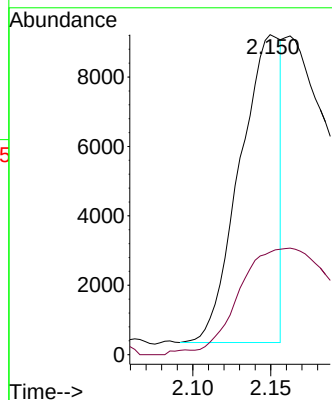
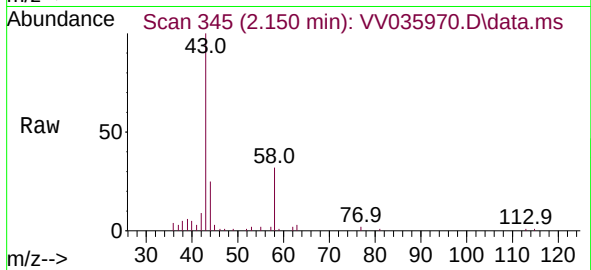
ClientSampleId :

Tgt Ion: 43 Resp: 16030

Ion Ratio Lower Upper

43 100

58 88.5 0.0 24.2#



#14

Carbon disulfide

Concen: 1.696 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

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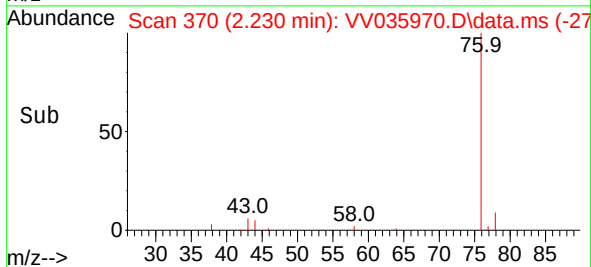
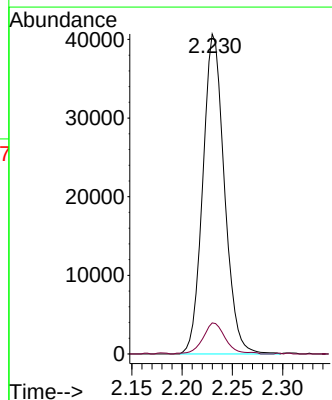
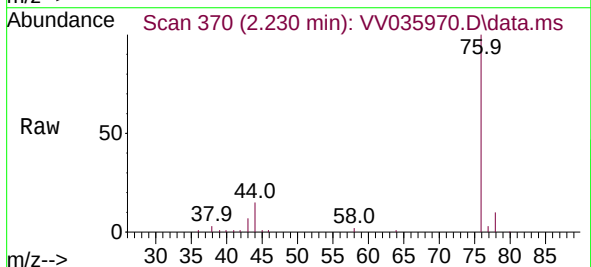
Acq: 04 Jun 2024 12:06

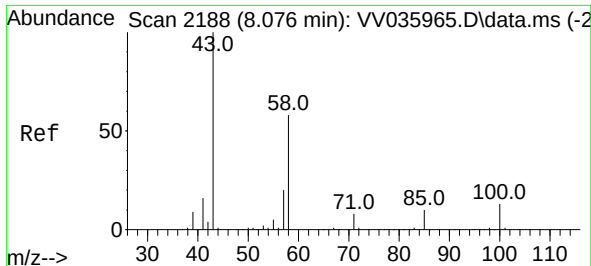
Tgt Ion: 76 Resp: 60855

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2





#48

2-Hexanone

Concen: 1.376 ug/L

RT: 8.030 min Scan# 2188

Delta R.T. -0.045 min

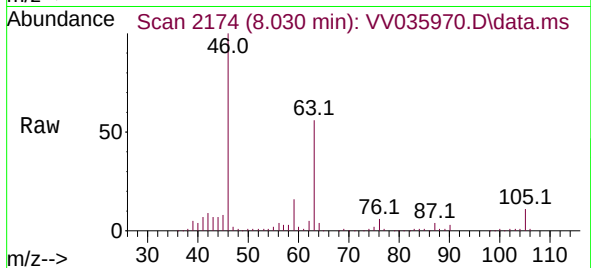
Lab File: VV035970.D

Acq: 04 Jun 2024 12:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 5754

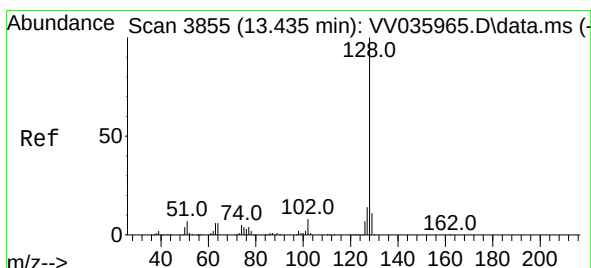
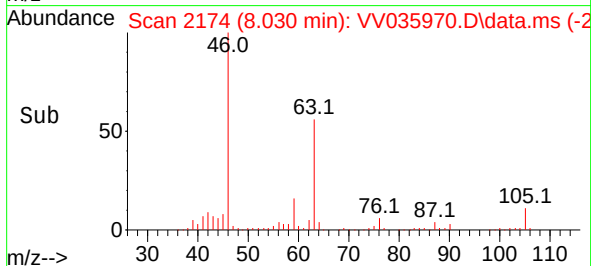
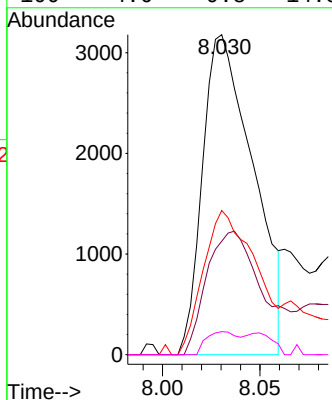
Ion Ratio Lower Upper

43 100

58 42.7 45.4 68.0#

57 46.7 15.8 23.8#

100 4.6 9.8 14.8#



#71

Naphthalene

Concen: 0.878 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.010 min

Lab File: VV035970.D

Acq: 04 Jun 2024 12:06

Tgt Ion: 128 Resp: 10874

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 8.5 8.8 13.2#

