

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036570.D
 Acq On : 16 Jul 2024 16:25
 Operator : SY/MD
 Sample : P3238-12
 Misc : 5.94g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:29:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

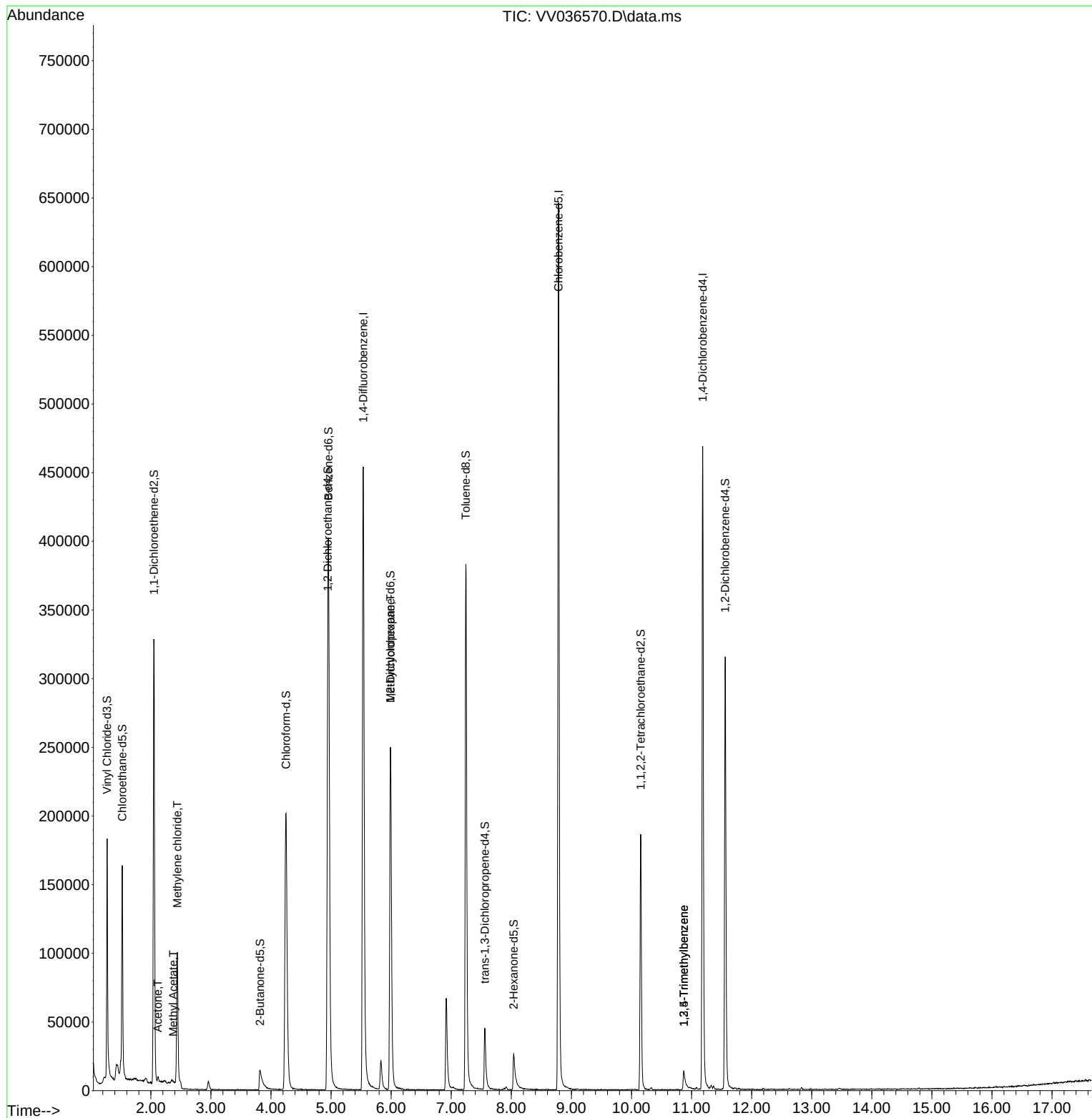
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	416615	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	381947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	119225	19.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
7) Chloroethane-d5	1.523	69	105118	20.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
11) 1,1-Dichloroethene-d2	2.050	65	50960	16.626	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.520%
21) 2-Butanone-d5	3.815	46	21818	21.357	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.720%
24) Chloroform-d	4.249	84	220680	18.198	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.800%
26) 1,2-Dichloroethane-d4	4.944	65	116466	19.364	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.440%
32) Benzene-d6	4.956	84	352420	18.495	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	5.989	67	120668	21.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.000%
41) Toluene-d8	7.243	98	273917	15.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.320%
43) trans-1,3-Dichloroprop...	7.558	79	29569	12.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.080%
47) 2-Hexanone-d5	8.040	63	8080	12.811	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.620%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	87619	18.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	87948	19.216	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.880%
Target Compounds						
					Qvalue	
13) Acetone	2.117	43	3464	2.398	ug/L #	24
15) Methyl Acetate	2.375	43	1010	0.518	ug/L #	74
16) Methylene chloride	2.439	84	42285	4.937	ug/L	95
35) Methylcyclohexane	5.989	83	32609	4.750	ug/L #	22
62) 1,3,5-Trimethylbenzene	10.869	105	7100	0.736	ug/L #	27
63) 1,2,4-Trimethylbenzene	10.869	105	7100	0.676	ug/L #	30

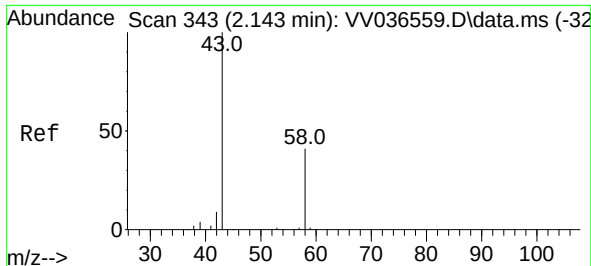
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.398 ug/L

RT: 2.117 min Scan# 343

Delta R.T. -0.026 min

Lab File: VV036570.D

Acq: 16 Jul 2024 16:25

Instrument :

MSVOA_V

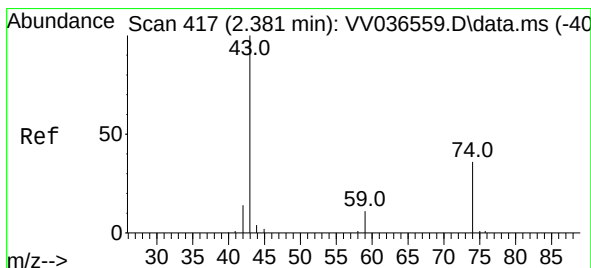
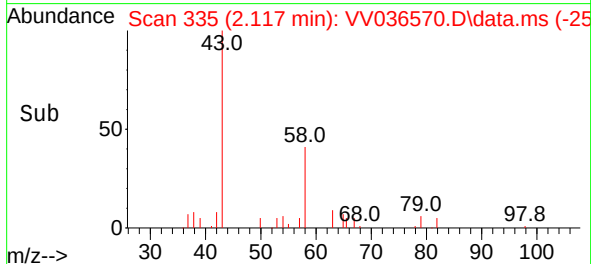
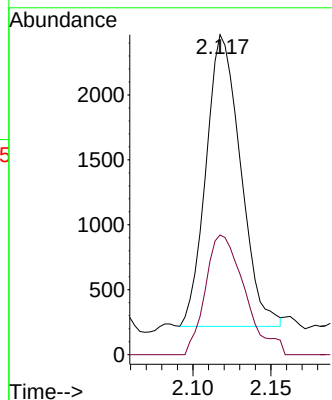
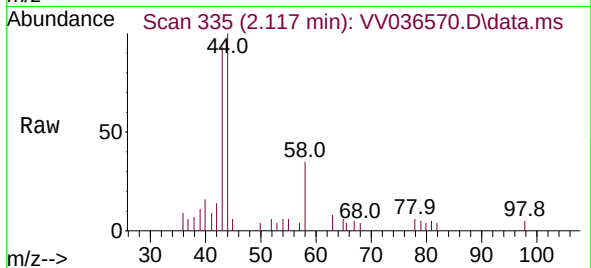
ClientSampleId :

Tgt Ion: 43 Resp: 3464

Ion Ratio Lower Upper

43 100

58 45.3 0.0 28.4#



#15

Methyl Acetate

Concen: 0.518 ug/L

RT: 2.375 min Scan# 415

Delta R.T. -0.007 min

Lab File: VV036570.D

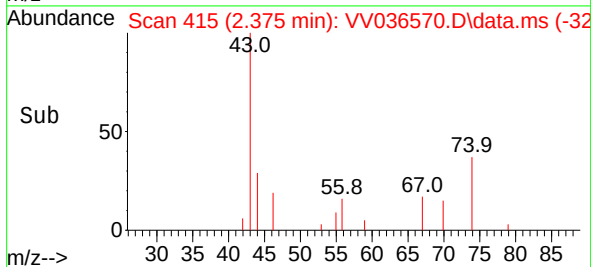
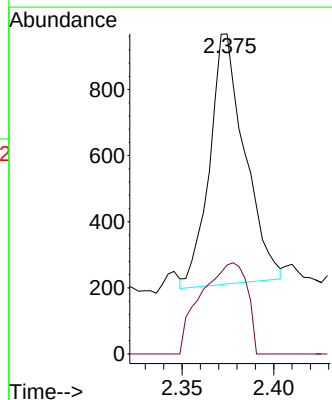
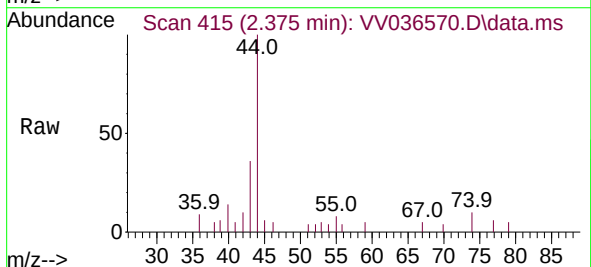
Acq: 16 Jul 2024 16:25

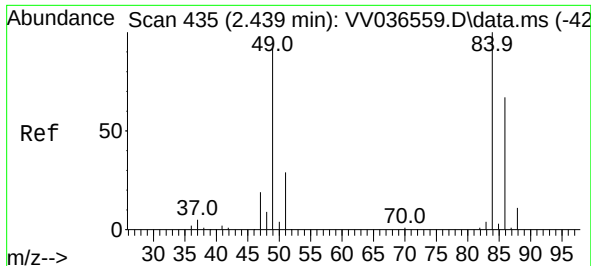
Tgt Ion: 43 Resp: 1010

Ion Ratio Lower Upper

43 100

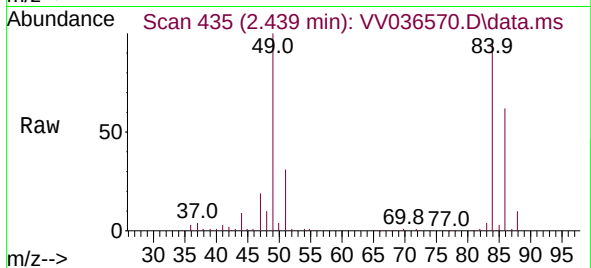
74 47.8 26.3 39.5#



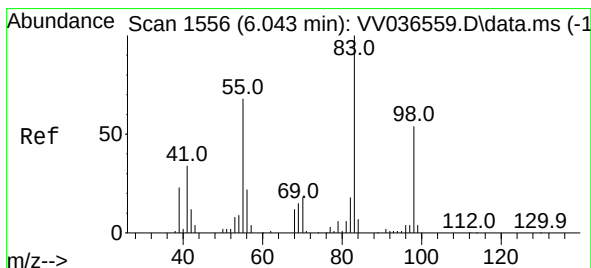
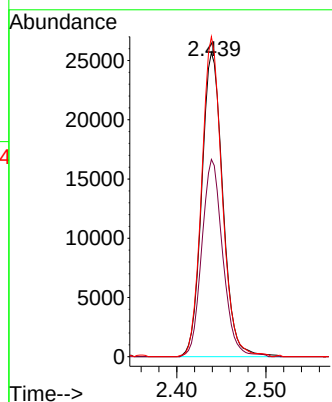
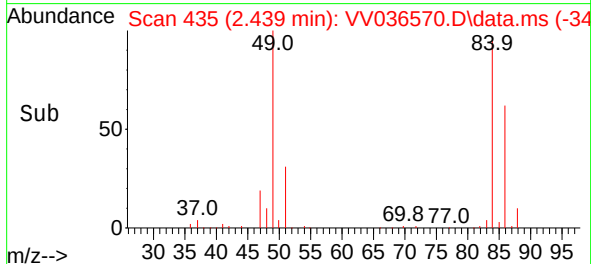


#16
Methylene chloride
Concen: 4.937 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036570.D
Acq: 16 Jul 2024 16:25

Instrument :
MSVOA_V
ClientSampleId :

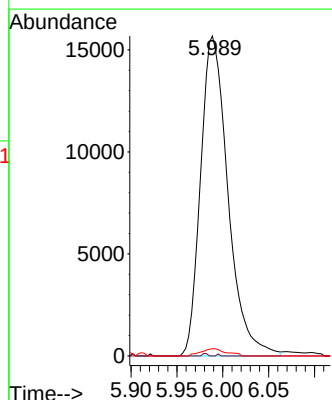
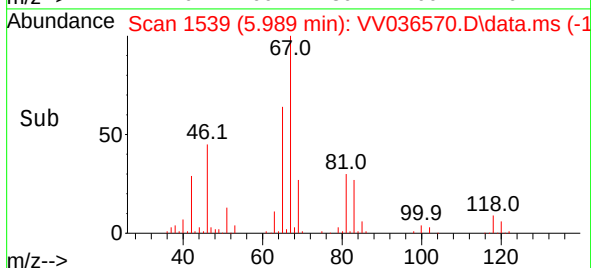
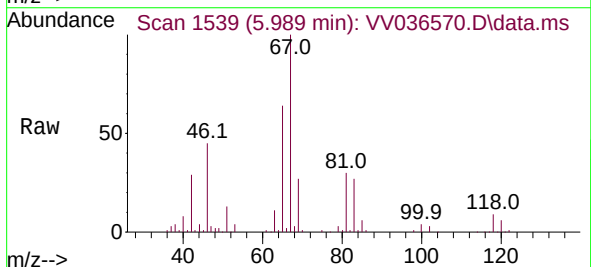


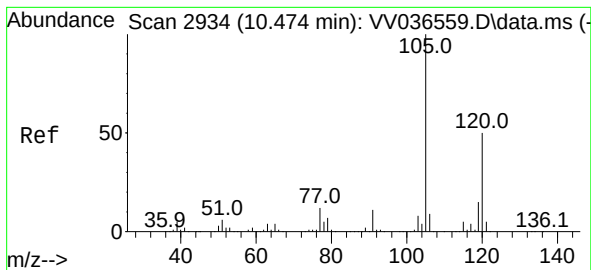
Tgt Ion: 84 Resp: 42285
Ion Ratio Lower Upper
84 100
86 64.9 46.3 86.1
49 105.3 68.1 126.5



#35
Methylcyclohexane
Concen: 4.750 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.055 min
Lab File: VV036570.D
Acq: 16 Jul 2024 16:25

Tgt Ion: 83 Resp: 32609
Ion Ratio Lower Upper
83 100
55 0.1 54.3 81.5#
98 2.1 41.7 62.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.736 ug/L

RT: 10.869 min Scan# 3057

Delta R.T. 0.395 min

Lab File: VV036570.D

Acq: 16 Jul 2024 16:25

Instrument :

MSVOA_V

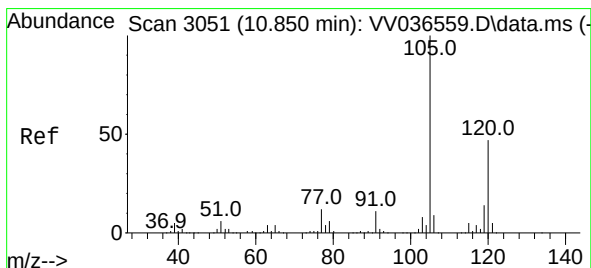
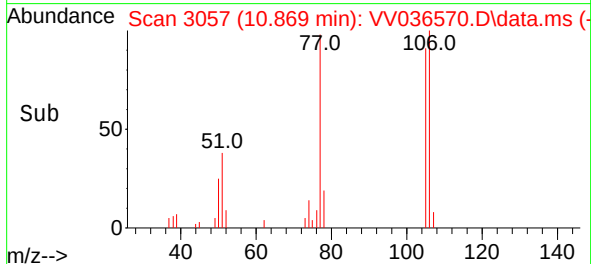
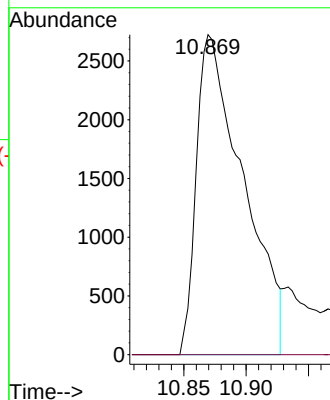
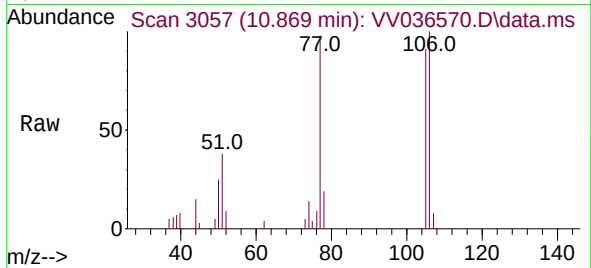
ClientSampleId :

Tgt Ion:105 Resp: 7100

Ion Ratio Lower Upper

105 100

120 0.0 39.9 59.9#



#63

1,2,4-Trimethylbenzene

Concen: 0.676 ug/L

RT: 10.869 min Scan# 3057

Delta R.T. 0.019 min

Lab File: VV036570.D

Acq: 16 Jul 2024 16:25

Tgt Ion:105 Resp: 7100

Ion Ratio Lower Upper

105 100

120 0.0 37.0 55.4#

