

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036507.D
 Acq On : 12 Jul 2024 15:03
 Operator : SY/MD
 Sample : P3215-07
 Misc : 5.60g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:10:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

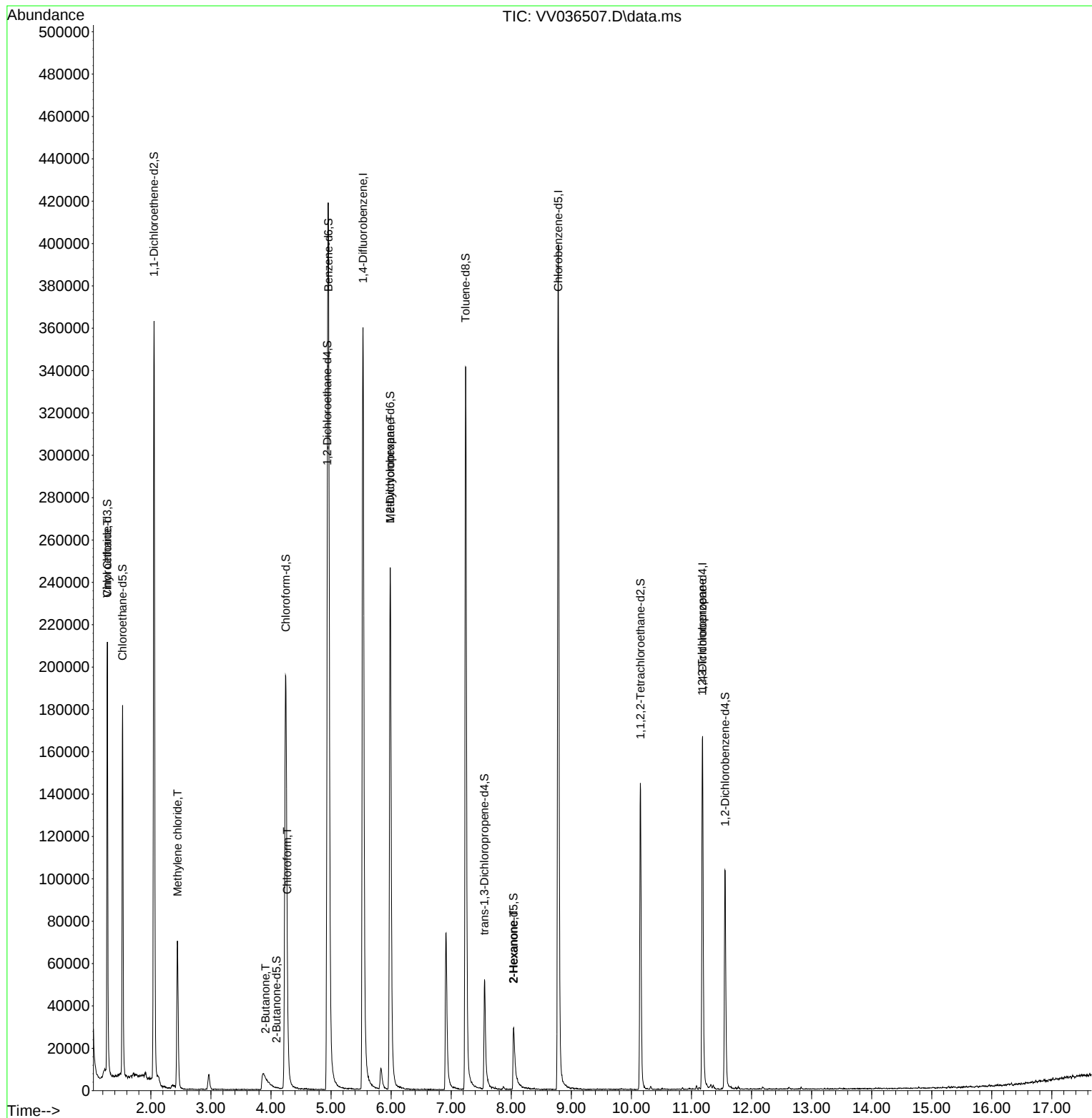
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	342410	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	244660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	48725	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	133960	27.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.240%	
7) Chloroethane-d5	1.529	69	115047	26.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.280%	
11) 1,1-Dichloroethene-d2	2.053	65	57895	22.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 91.920%	
21) 2-Butanone-d5	4.092	46	286	0.341	ug/L	0.24
Spiked Amount	50.000	Range	20 - 135	Recovery	= 0.680%#	
24) Chloroform-d	4.246	84	216033	21.675	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 86.720%	
26) 1,2-Dichloroethane-d4	4.937	65	119296	24.132	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 96.520%	
32) Benzene-d6	4.957	84	382355	31.326	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 125.320%	
36) 1,2-Dichloropropane-d6	5.986	67	120985	33.259	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 133.040%#	
41) Toluene-d8	7.240	98	246109	21.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 87.400%	
43) trans-1,3-Dichloroprop...	7.555	79	35128	23.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.920%	
47) 2-Hexanone-d5	8.037	63	10922	27.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 54.060%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	69996	22.847	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 91.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	30504	18.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 73.800%#	
Target Compounds						
8) Chloroethane	1.275	64	1798	0.530	ug/L #	1
16) Methylene chloride	2.442	84	32331	4.593	ug/L	98
22) 2-Butanone	3.909	43	1536	1.541	ug/L #	70
25) Chloroform	4.272	83	5753	0.582	ug/L	92
35) Methylcyclohexane	5.986	83	31571	7.180	ug/L #	21
48) 2-Hexanone	8.040	43	1354	1.315	ug/L #	49
61) 1,2,3-Trichloropropane	11.182	75	4714	5.438	ug/L #	54

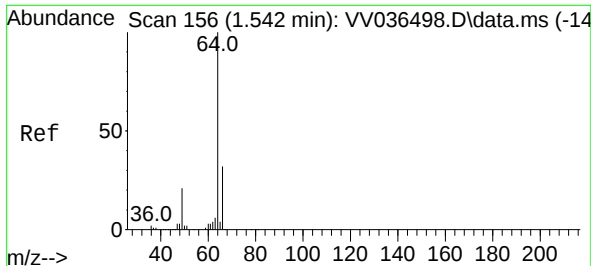
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration

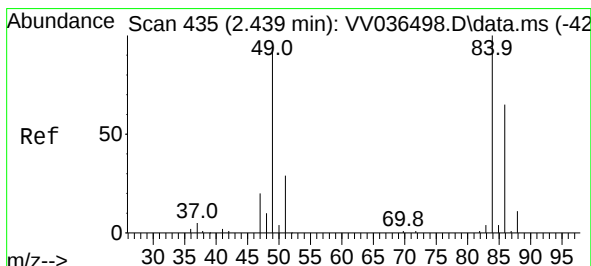
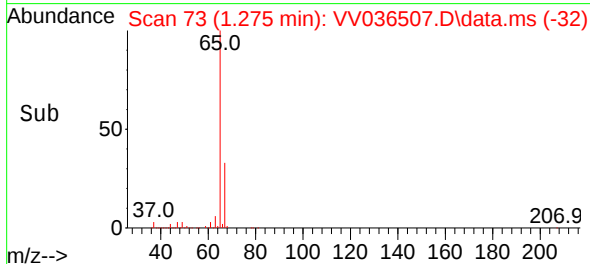
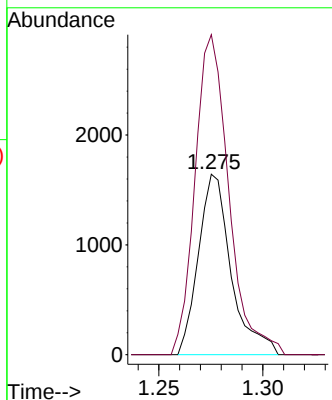
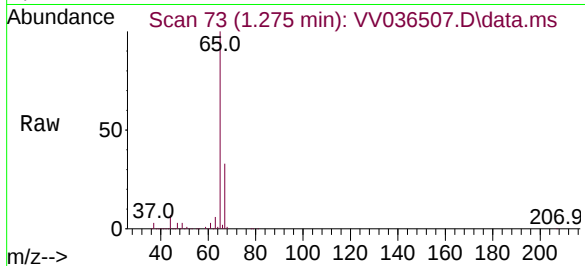




#8
Chloroethane
Concen: 0.530 ug/L
RT: 1.275 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV036507.D
Acq: 12 Jul 2024 15:03

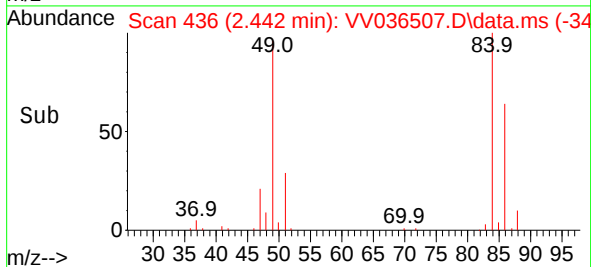
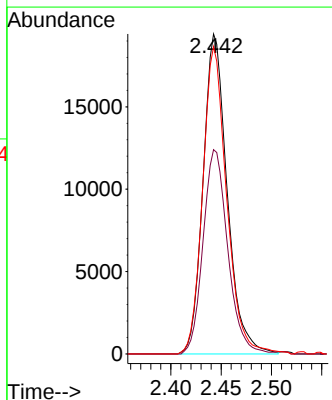
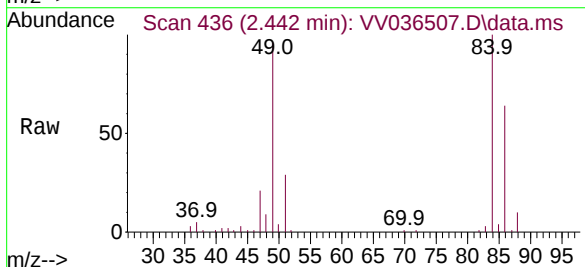
Instrument :
MSVOA_V
ClientSampleId :

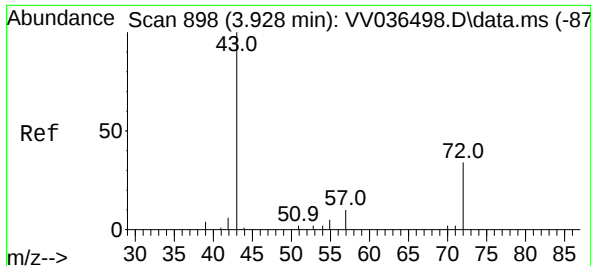
Tgt Ion: 64 Resp: 1798
Ion Ratio Lower Upper
64 100
66 177.4 22.5 41.9#



#16
Methylene chloride
Concen: 4.593 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036507.D
Acq: 12 Jul 2024 15:03

Tgt Ion: 84 Resp: 32331
Ion Ratio Lower Upper
84 100
86 63.9 46.3 86.1
49 96.0 68.1 126.5





#22

2-Butanone

Concen: 1.541 ug/L

RT: 3.909 min Scan# 89

Delta R.T. -0.019 min

Lab File: VV036507.D

Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_V

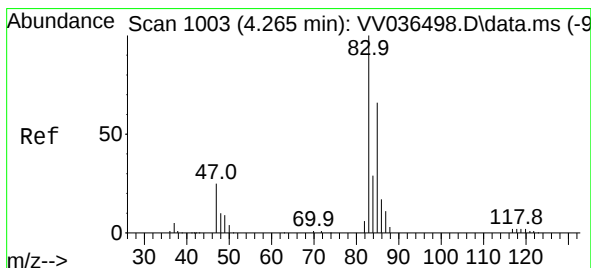
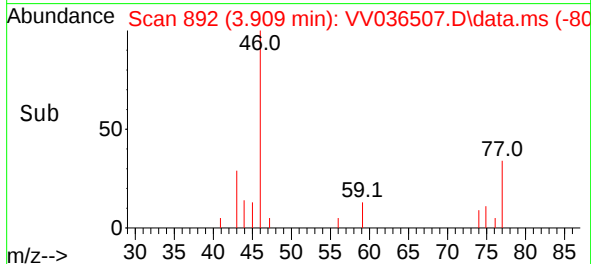
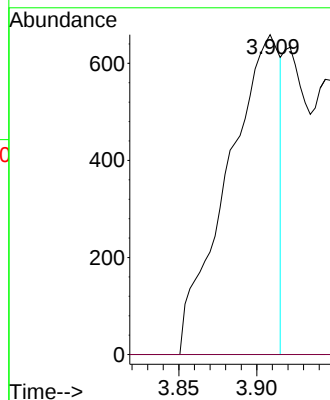
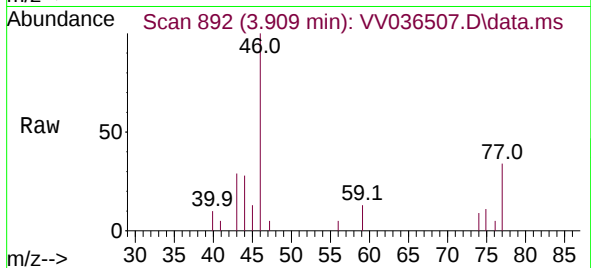
ClientSampleId :

Tgt Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

72 0.0 5.9 17.6#



#25

Chloroform

Concen: 0.582 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VV036507.D

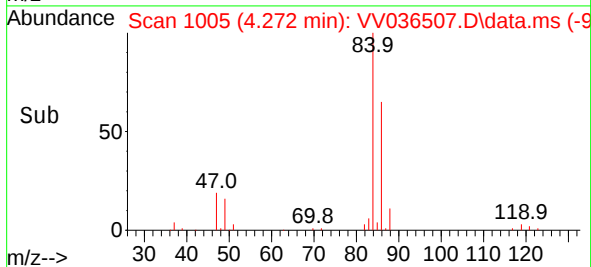
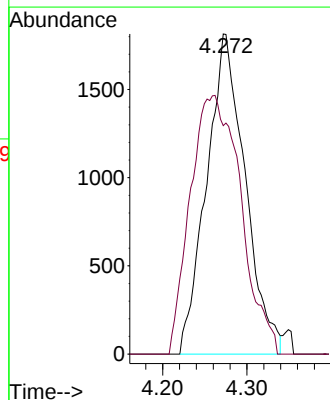
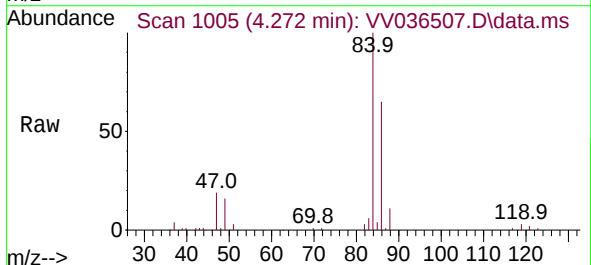
Acq: 12 Jul 2024 15:03

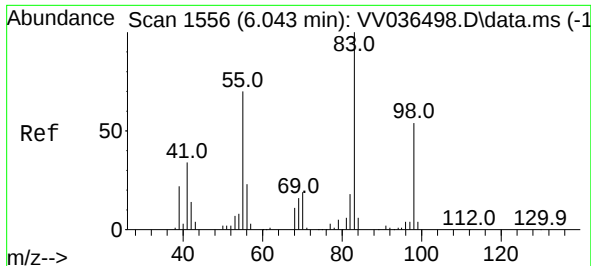
Tgt Ion: 83 Resp: 5753

Ion Ratio Lower Upper

83 100

85 71.3 45.6 84.6





#35

Methylcyclohexane

Concen: 7.180 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV036507.D

Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :

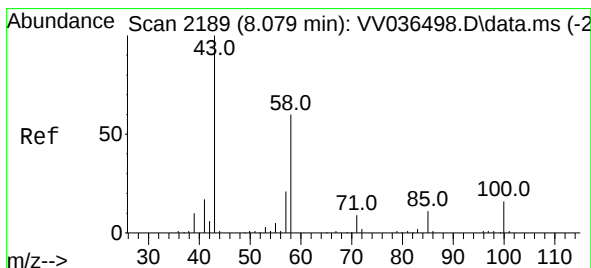
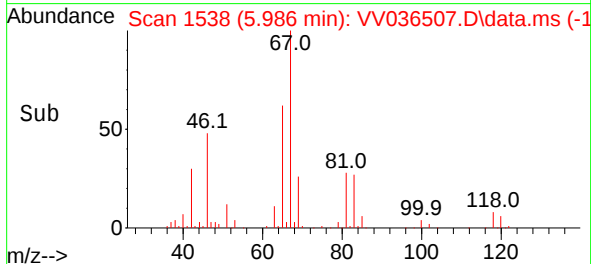
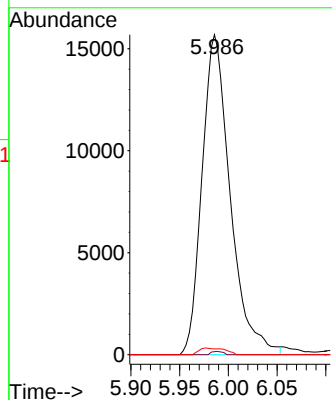
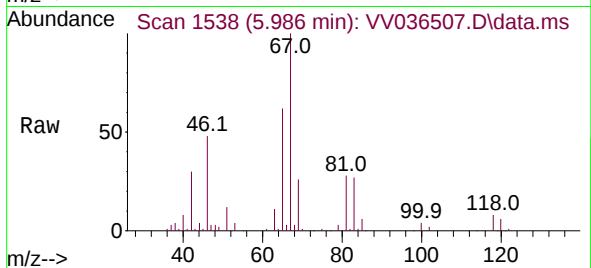
Tgt Ion: 83 Resp: 31571

Ion Ratio Lower Upper

83 100

55 0.4 54.3 81.5#

98 1.1 41.7 62.5#



#48

2-Hexanone

Concen: 1.315 ug/L

RT: 8.040 min Scan# 2177

Delta R.T. -0.039 min

Lab File: VV036507.D

Acq: 12 Jul 2024 15:03

Tgt Ion: 43 Resp: 1354

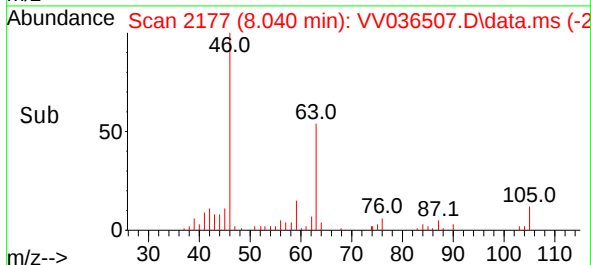
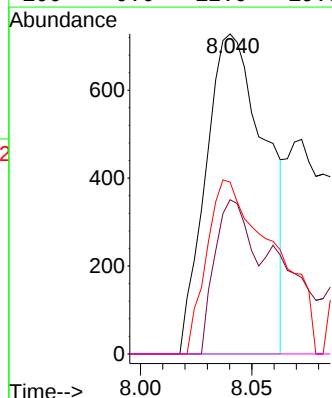
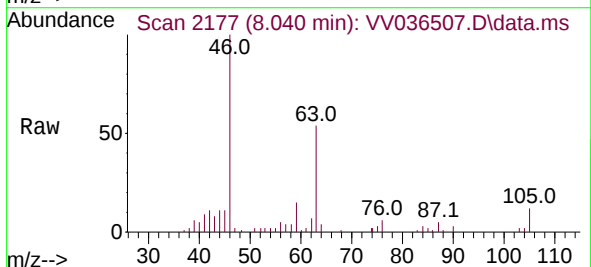
Ion Ratio Lower Upper

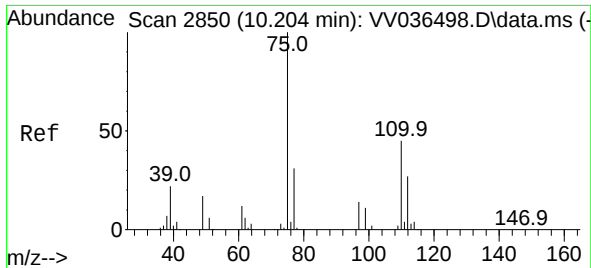
43 100

58 30.3 49.5 74.3#

57 61.5 15.3 22.9#

100 0.0 12.9 19.3#





#61

1,2,3-Trichloropropane

Concen: 5.438 ug/L

RT: 11.182 min Scan# 31

Delta R.T. 0.977 min

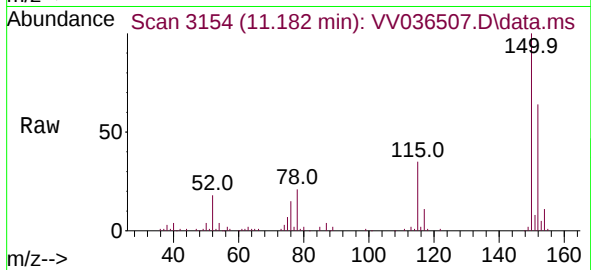
Lab File: VV036507.D

Acq: 12 Jul 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4714

Ion Ratio Lower Upper

75 100

77 43.0 25.6 38.4#

110 1.4 34.8 52.2#

