

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036509.D
 Acq On : 12 Jul 2024 15:49
 Operator : SY/MD
 Sample : P3215-11
 Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:10:37 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)

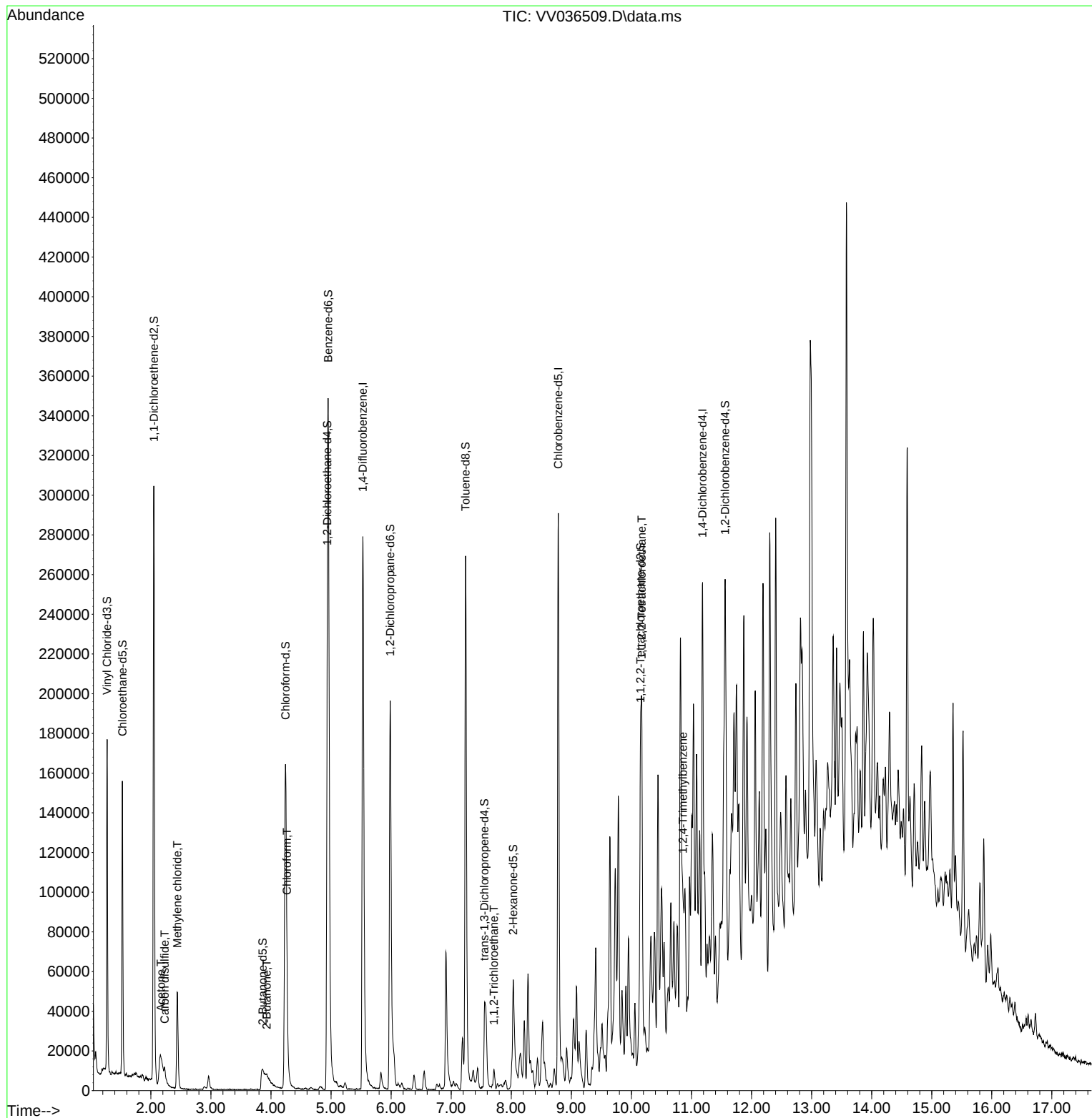
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	263264	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	175438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	108115	28.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.640%	
7) Chloroethane-d5	1.526	69	97948	29.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.800%	
11) 1,1-Dichloroethene-d2	2.050	65	49044	25.322	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.280%	
21) 2-Butanone-d5	3.860	46	16811	26.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 52.080%	
24) Chloroform-d	4.243	84	184578	24.087	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 96.360%	
26) 1,2-Dichloroethane-d4	4.937	65	100221	26.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.480%	
32) Benzene-d6	4.953	84	319805	36.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 146.160%#	
36) 1,2-Dichloropropane-d6	5.986	67	98204	37.649	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 150.600%#	
41) Toluene-d8	7.239	98	192271	23.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.240%	
43) trans-1,3-Dichloroprop...	7.555	79	27158	25.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.160%	
47) 2-Hexanone-d5	8.034	63	19224	66.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 132.720%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	62446	28.425	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 113.720%	
66) 1,2-Dichlorobenzene-d4	11.561	152	34161	21.144	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 84.560%	
Target Compounds						
						Qvalue
13) Acetone	2.166	43	52211	57.206	ug/L #	57
14) Carbon disulfide	2.230	76	4704	0.539	ug/L #	91
16) Methylene chloride	2.439	84	23234	4.293	ug/L	99
22) 2-Butanone	3.931	43	3357	4.381	ug/L #	56
25) Chloroform	4.265	83	3749	0.494	ug/L	92
45) 1,1,2-Trichloroethane	7.712	97	3213	1.488	ug/L #	20
57) 1,1,2,2-Tetrachloroethane	10.172	83	10789	5.472	ug/L #	37
63) 1,2,4-Trimethylbenzene	10.860	105	2383	0.643	ug/L	91

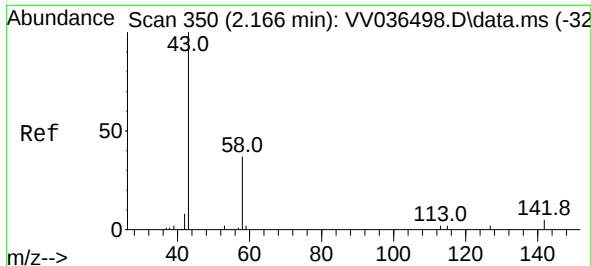
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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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





#13

Acetone

Concen: 57.206 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.000 min

Lab File: VV036509.D

Acq: 12 Jul 2024 15:49

Instrument :

MSVOA_V

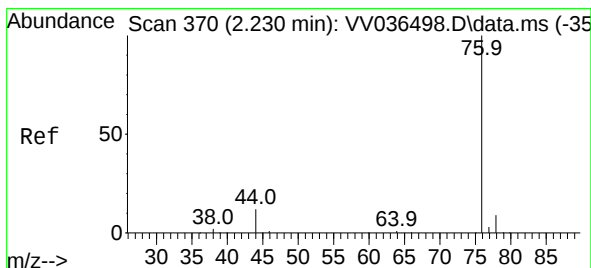
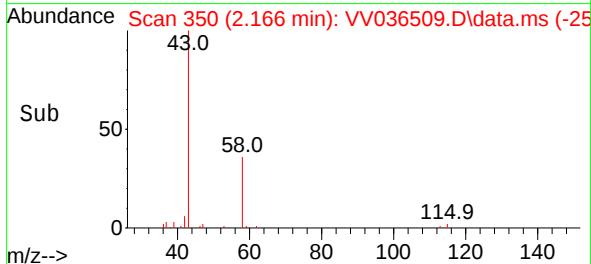
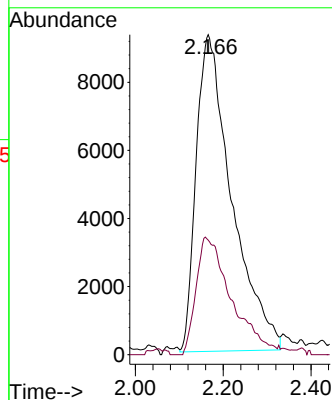
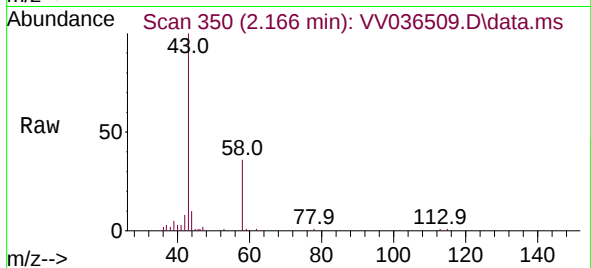
ClientSampleId :

Tgt Ion: 43 Resp: 52211

Ion Ratio Lower Upper

43 100

58 31.7 0.0 28.4#



#14

Carbon disulfide

Concen: 0.539 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036509.D

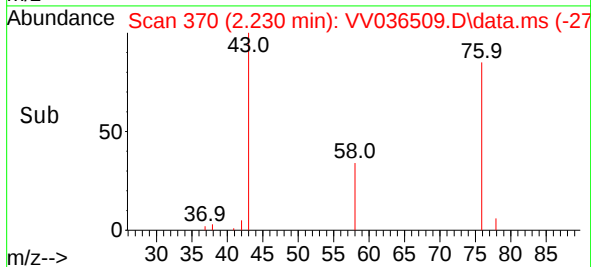
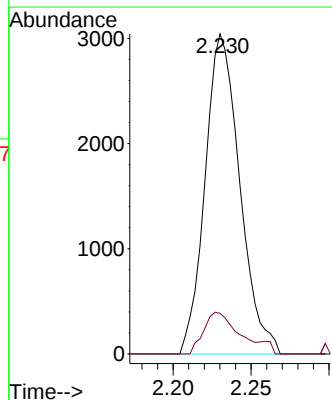
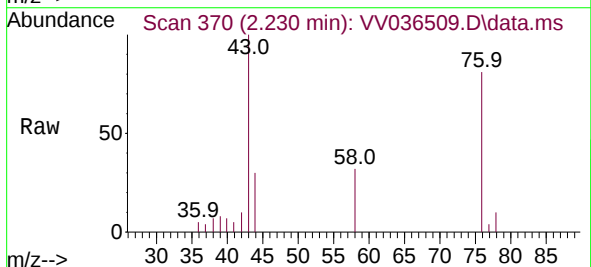
Acq: 12 Jul 2024 15:49

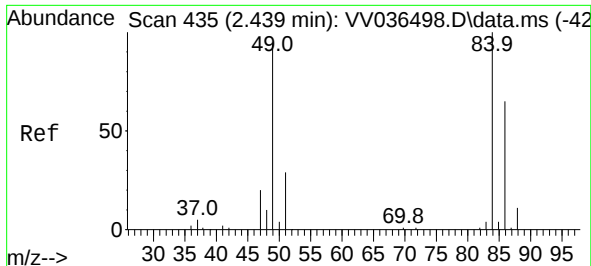
Tgt Ion: 76 Resp: 4704

Ion Ratio Lower Upper

76 100

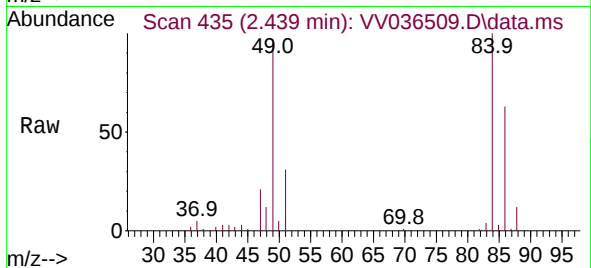
78 12.7 7.4 11.2#



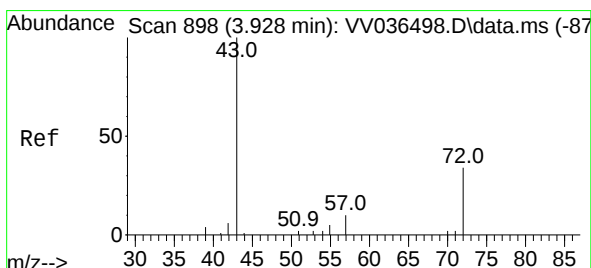
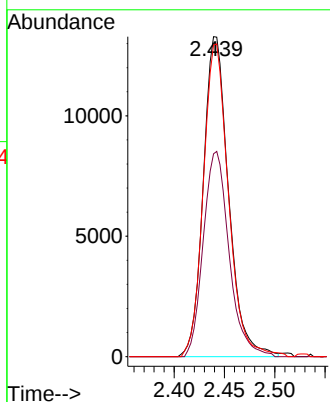
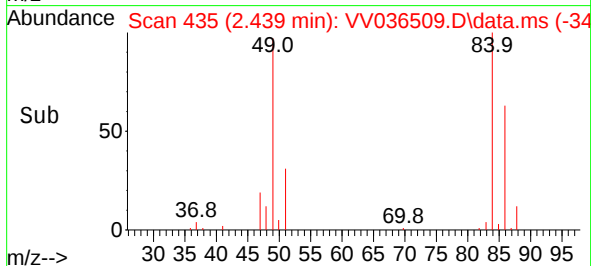


#16
Methylene chloride
Concen: 4.293 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036509.D
Acq: 12 Jul 2024 15:49

Instrument :
MSVOA_V
ClientSampleId :

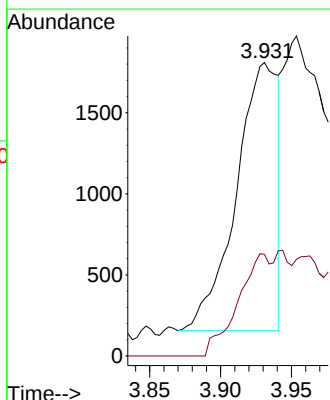
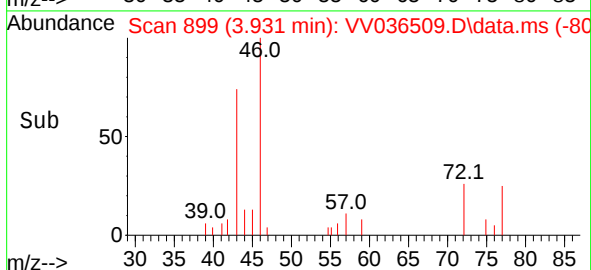
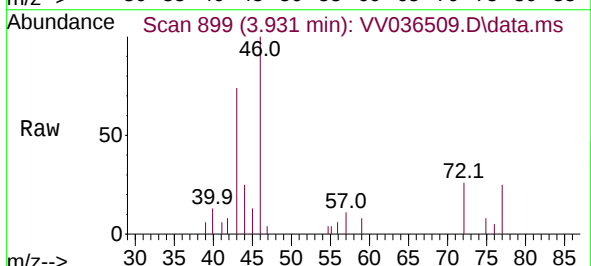


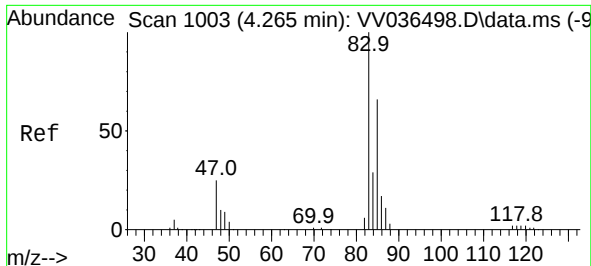
Tgt Ion: 84 Resp: 23234
Ion Ratio Lower Upper
84 100
86 63.4 46.3 86.1
49 97.3 68.1 126.5



#22
2-Butanone
Concen: 4.381 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.003 min
Lab File: VV036509.D
Acq: 12 Jul 2024 15:49

Tgt Ion: 43 Resp: 3357
Ion Ratio Lower Upper
43 100
72 28.9 5.9 17.6#





#25

Chloroform

Concen: 0.494 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036509.D

Acq: 12 Jul 2024 15:49

Instrument :

MSVOA_V

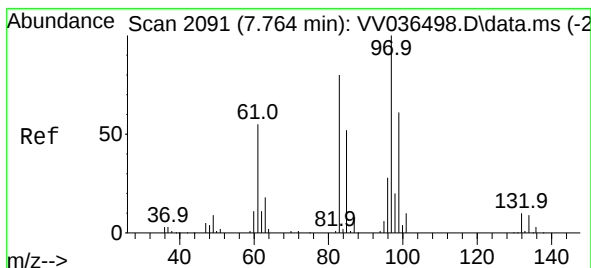
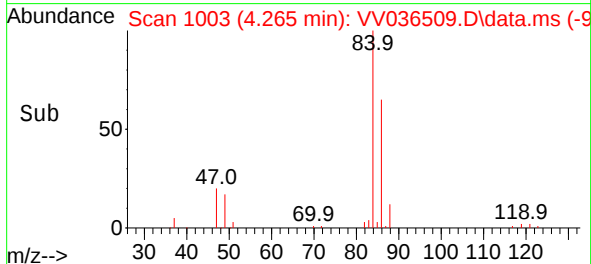
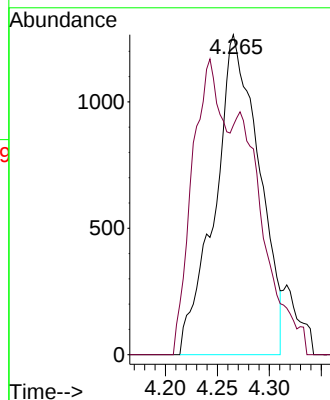
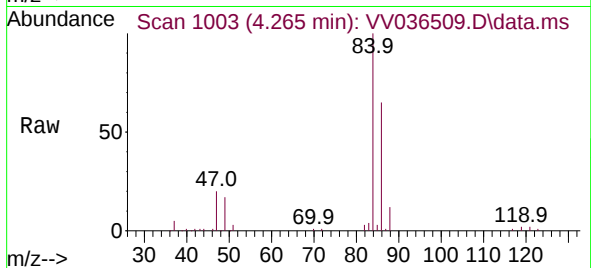
ClientSampleId :

Tgt Ion: 83 Resp: 3749

Ion Ratio Lower Upper

83 100

85 71.6 45.6 84.6



#45

1,1,2-Trichloroethane

Concen: 1.488 ug/L

RT: 7.712 min Scan# 2075

Delta R.T. -0.051 min

Lab File: VV036509.D

Acq: 12 Jul 2024 15:49

Tgt Ion: 97 Resp: 3213

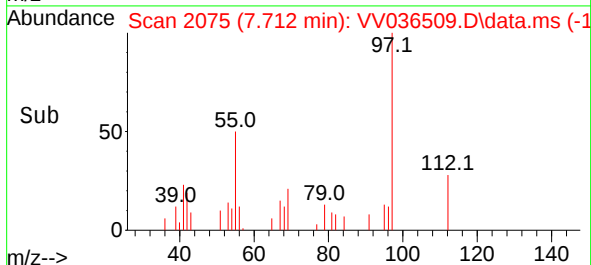
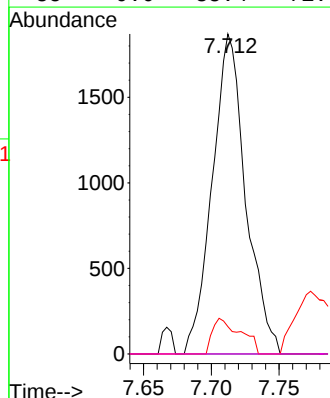
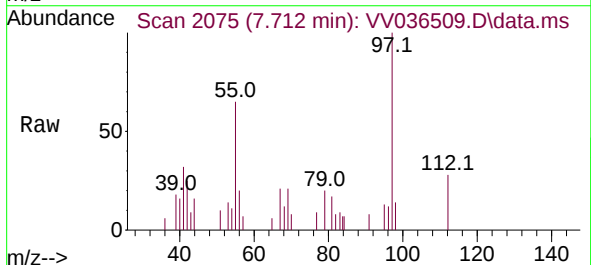
Ion Ratio Lower Upper

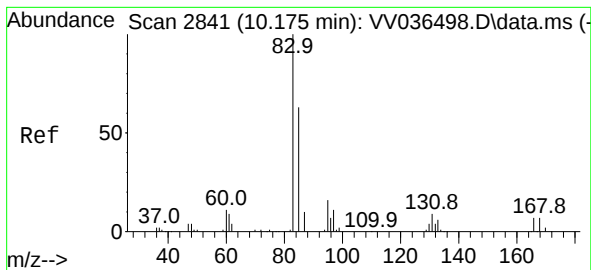
97 100

99 0.0 42.6 79.2#

83 8.6 58.0 107.6#

85 0.0 38.4 71.4#

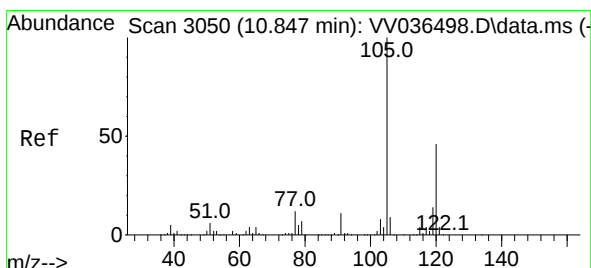
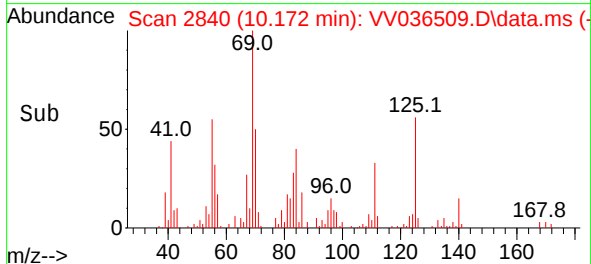
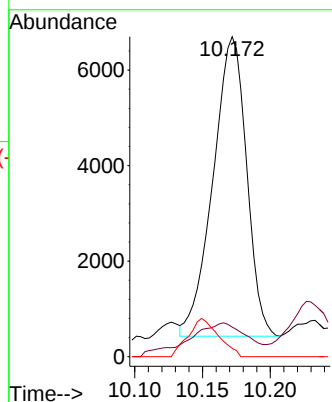
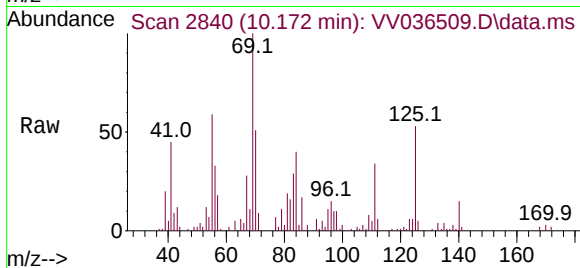




#57
1,1,2,2-Tetrachloroethane
Concen: 5.472 ug/L
RT: 10.172 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV036509.D
Acq: 12 Jul 2024 15:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10789
Ion Ratio Lower Upper
83 100
85 9.3 45.0 83.6#
131 2.6 8.1 12.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.643 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.013 min
Lab File: VV036509.D
Acq: 12 Jul 2024 15:49

Tgt Ion:105 Resp: 2383
Ion Ratio Lower Upper
105 100
120 52.4 37.0 55.4

