

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102124\
 Data File : VV037902.D
 Acq On : 21 Oct 2024 16:40
 Operator : SY/MD
 Sample : P4414-21ME
 Misc : 5.55g/5mL/100ul/5mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 05:08:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 05:07:16 2024
 Response via : Initial Calibration

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

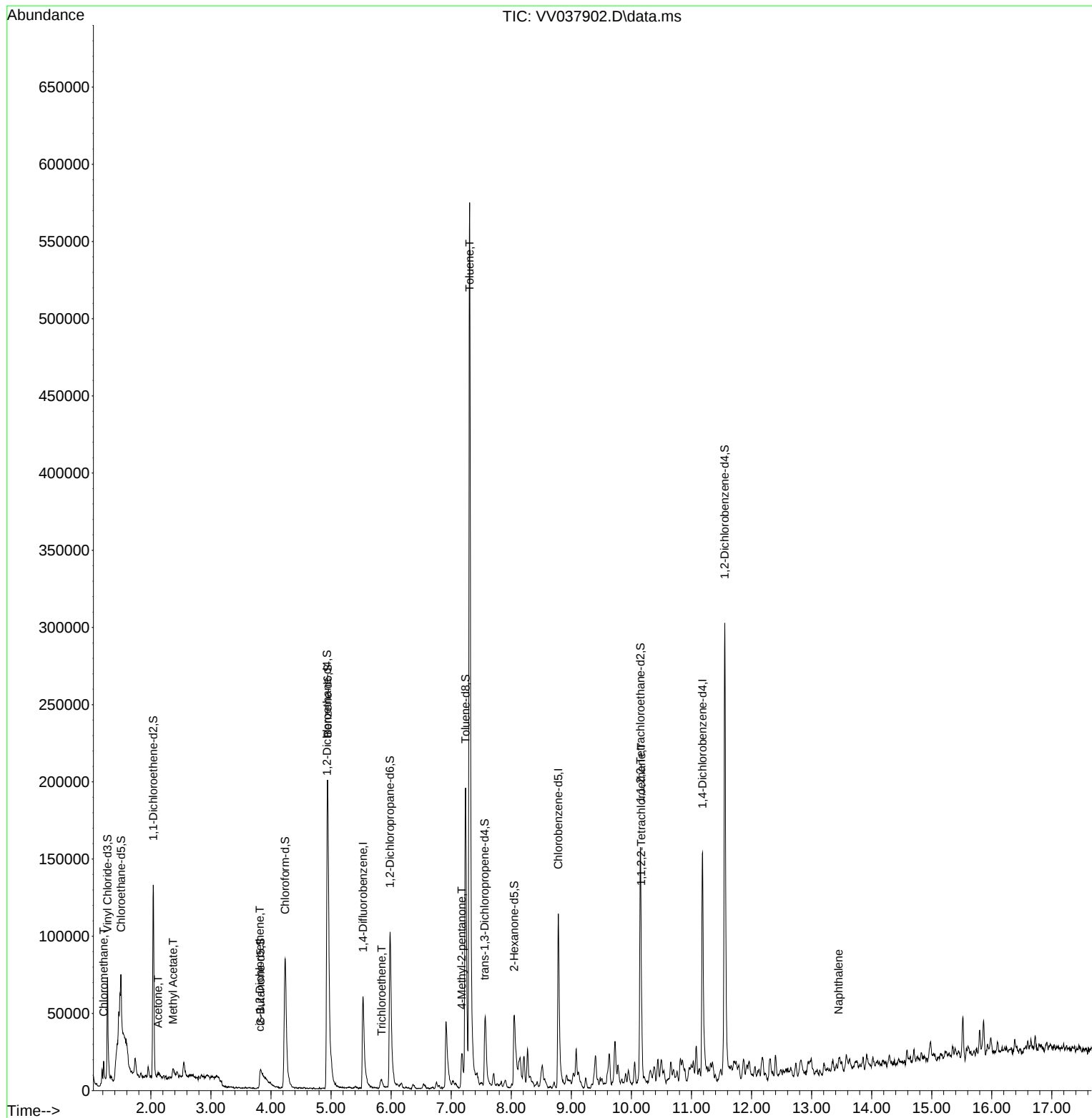
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	59177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	71043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	42609	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46489	89.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 178.980%#	
7) Chloroethane-d5	1.503	69	19653	48.739	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	= 97.480%	
11) 1,1-Dichloroethene-d2	2.040	65	22006	101.395	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	= 202.780%#	
21) 2-Butanone-d5	3.825	46	11748	63.493	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	= 63.490%	
24) Chloroform-d	4.236	84	98486	106.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 213.120%#	
26) 1,2-Dichloroethane-d4	4.934	65	58694	108.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 217.000%#	
32) Benzene-d6	4.944	84	181010	81.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 162.840%#	
36) 1,2-Dichloropropane-d6	5.982	67	58152	82.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 164.300%#	
41) Toluene-d8	7.239	98	144173	71.521	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 143.040%#	
43) trans-1,3-Dichloroprop...	7.558	79	24887	75.680	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	= 151.360%#	
47) 2-Hexanone-d5	8.047	63	20575	137.646	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	= 137.650%#	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	75047	91.240	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 182.480%#	
66) 1,2-Dichlorobenzene-d4	11.554	152	77436	86.245	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 172.500%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	9071	18.547	ug/L	93
13) Acetone	2.121	43	972	5.359	ug/L	47
15) Methyl Acetate	2.372	43	9420	29.759	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	593	1.271	ug/L	77
34) Trichloroethene	5.841	95	988	1.732	ug/L	87
40) 4-Methyl-2-pentanone	7.175	43	1108	2.460	ug/L #	42
42) Toluene	7.307	91	463413	208.633	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.162	83	1096	1.480	ug/L #	49
71) Naphthalene	13.451	128	4803	2.161	ug/L #	88

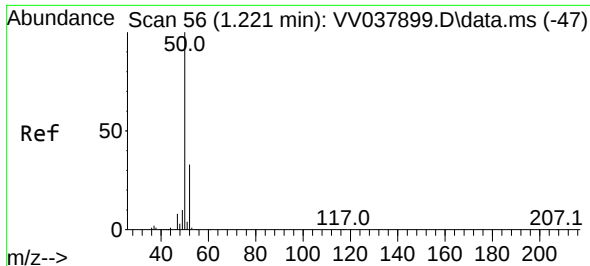
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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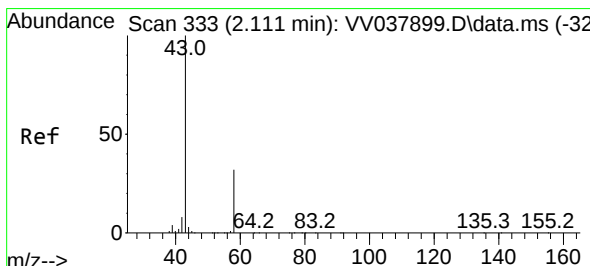
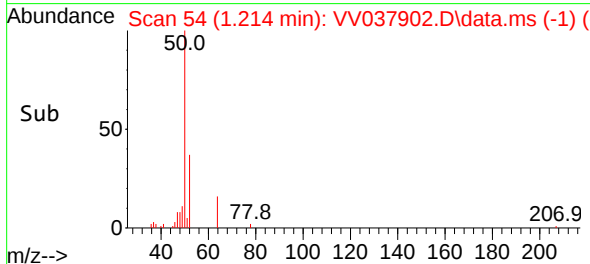
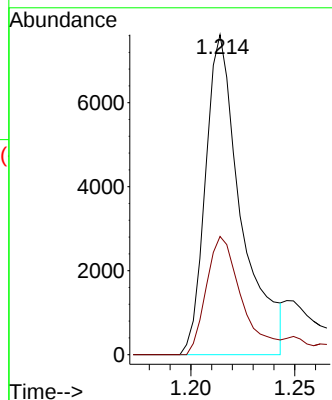
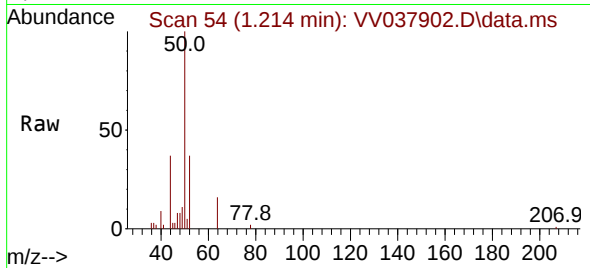




#3
Chloromethane
Concen: 18.547 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.007 min
Lab File: VV037902.D
Acq: 21 Oct 2024 16:40

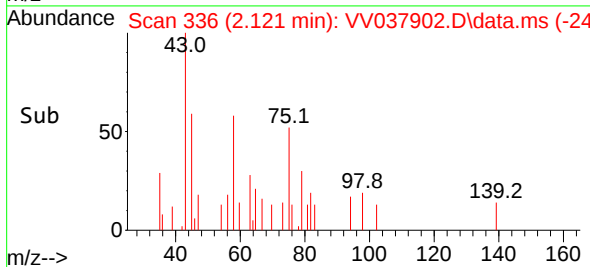
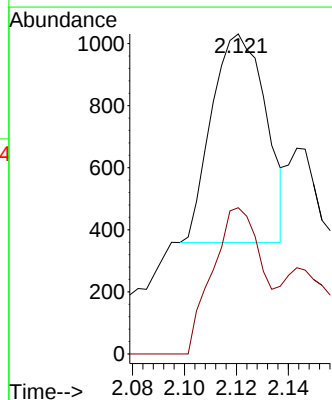
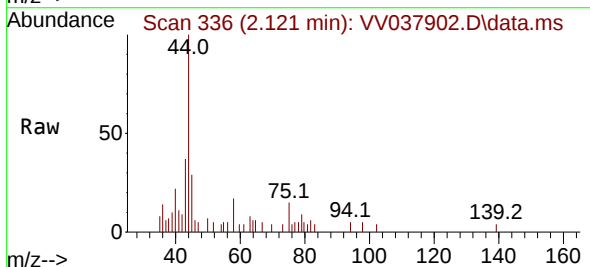
Instrument :
MSVOA_V
ClientSampleId :

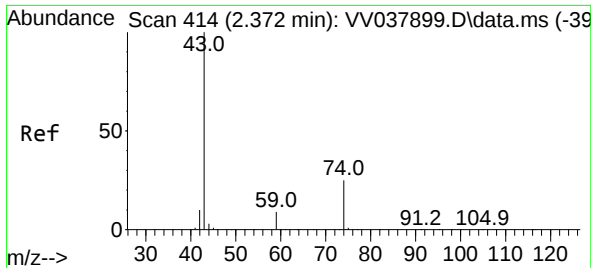
Tgt Ion: 50 Resp: 9071
Ion Ratio Lower Upper
50 100
52 37.0 23.2 43.2



#13
Acetone
Concen: 5.359 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.010 min
Lab File: VV037902.D
Acq: 21 Oct 2024 16:40

Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 63.4 0.0 66.6

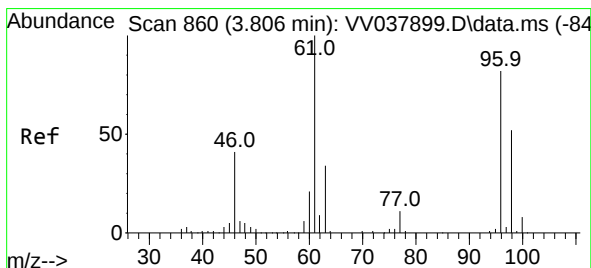
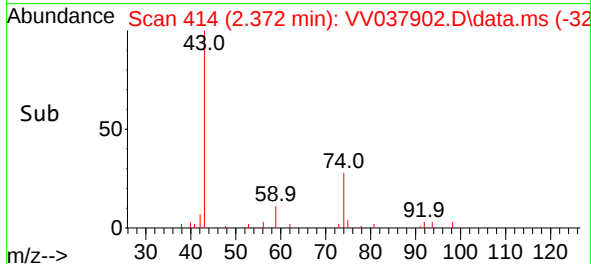
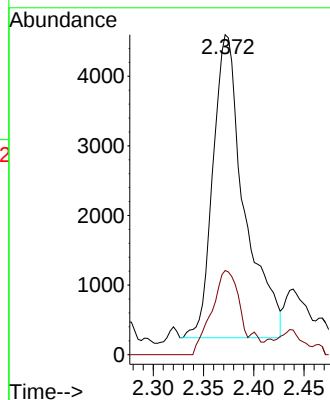
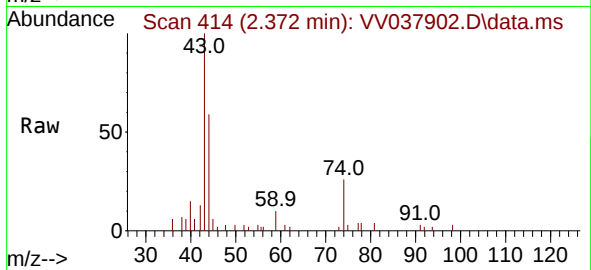




#15
Methyl Acetate
Concen: 29.759 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037902.D
Acq: 21 Oct 2024 16:40

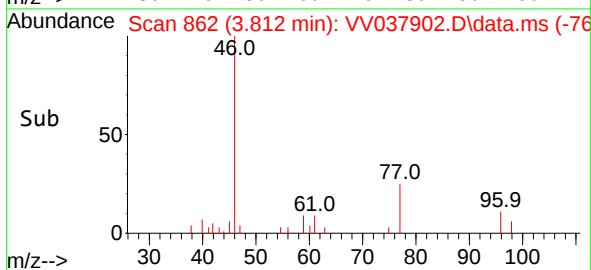
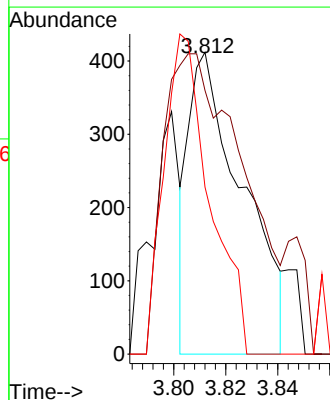
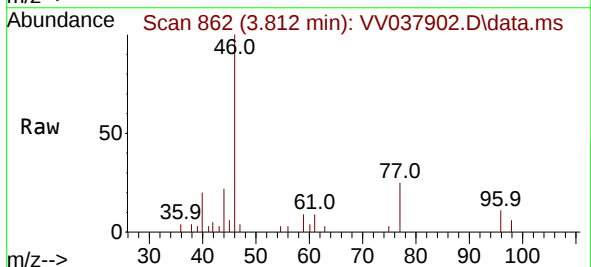
Instrument :
MSVOA_V
ClientSampleId :

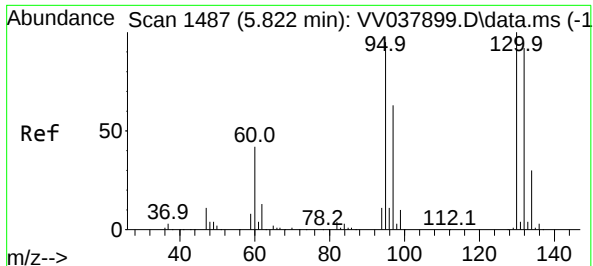
Tgt Ion: 43 Resp: 9420
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0



#20
cis-1,2-Dichloroethene
Concen: 1.271 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037902.D
Acq: 21 Oct 2024 16:40

Tgt Ion: 96 Resp: 593
Ion Ratio Lower Upper
96 100
61 87.4 85.0 157.8
98 55.3 44.2 82.0





#34

Trichloroethene

Concen: 1.732 ug/L

RT: 5.841 min Scan# 1487

Delta R.T. 0.019 min

Lab File: VV037902.D

Acq: 21 Oct 2024 16:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 988

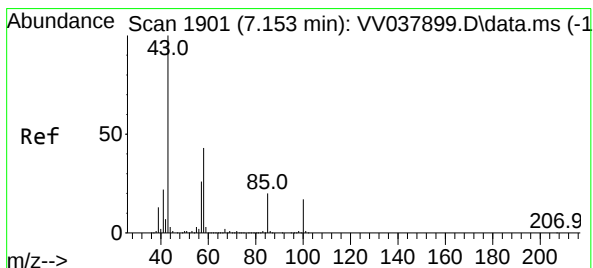
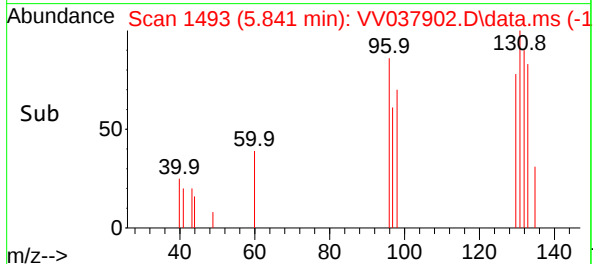
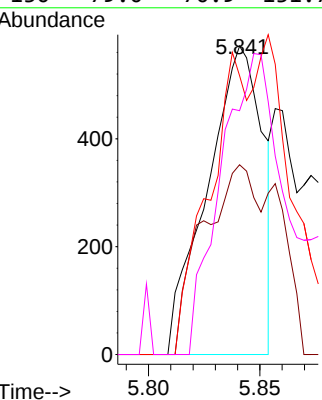
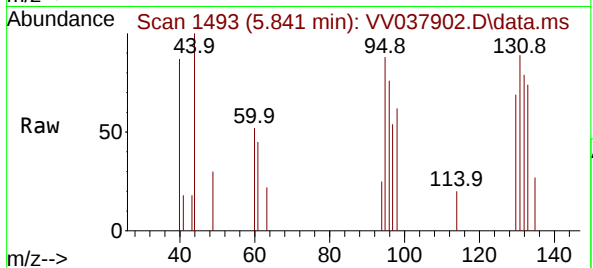
Ion Ratio Lower Upper

95 100

97 61.5 46.3 85.9

132 90.4 68.6 127.4

130 79.0 70.9 131.7



#40

4-Methyl-2-pentanone

Concen: 2.460 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.022 min

Lab File: VV037902.D

Acq: 21 Oct 2024 16:40

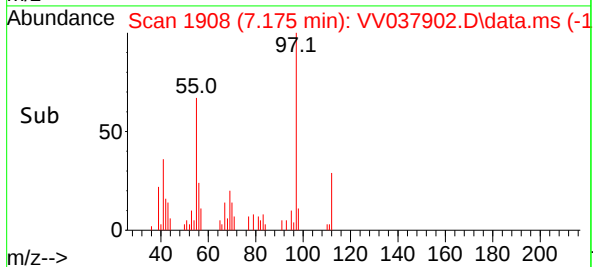
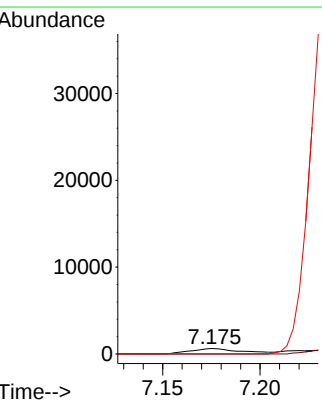
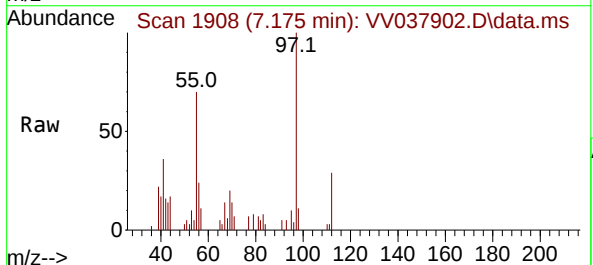
Tgt Ion: 43 Resp: 1108

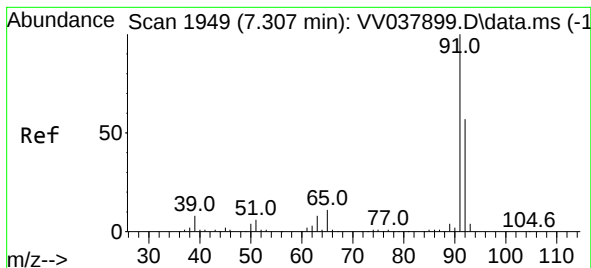
Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.4#

100 0.0 13.7 20.5#





#42

Toluene

Concen: 208.633 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037902.D

Acq: 21 Oct 2024 16:40

Instrument :

MSVOA_V

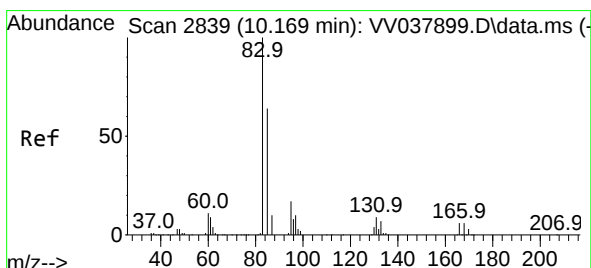
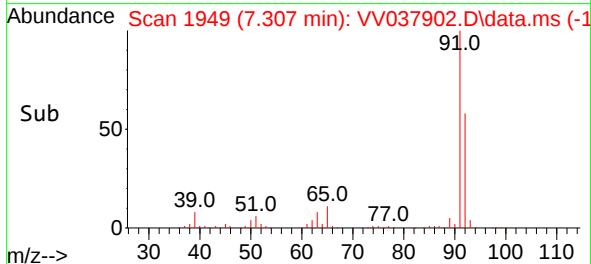
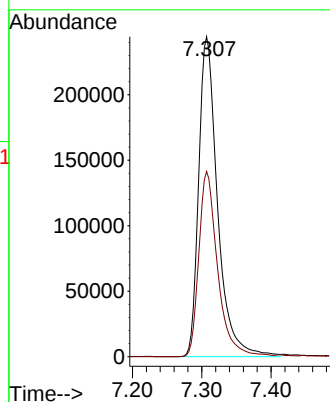
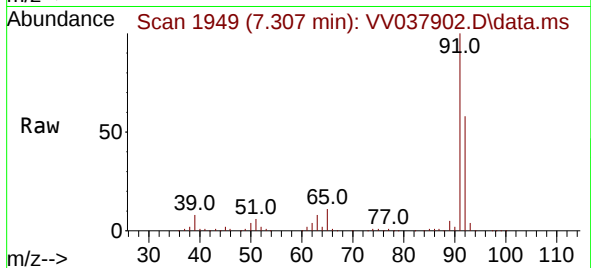
ClientSampleId :

Tgt Ion: 91 Resp: 463413

Ion Ratio Lower Upper

91 100

92 57.9 41.1 76.3



#57

1,1,2,2-Tetrachloroethane

Concen: 1.480 ug/L

RT: 10.162 min Scan# 2837

Delta R.T. -0.007 min

Lab File: VV037902.D

Acq: 21 Oct 2024 16:40

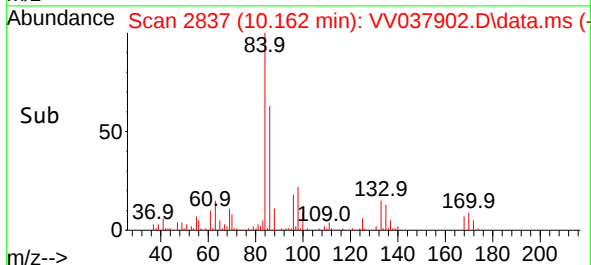
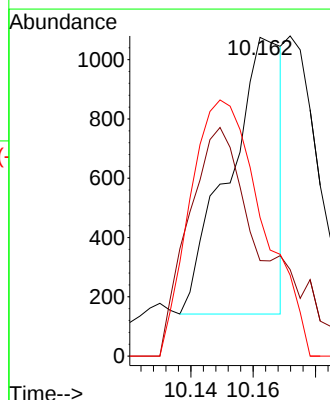
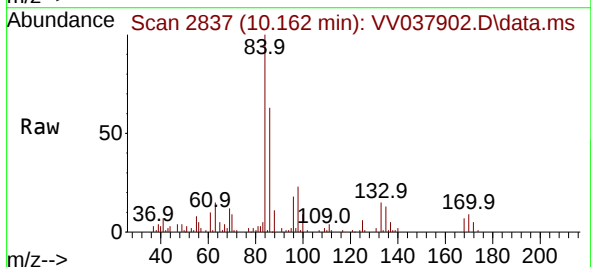
Tgt Ion: 83 Resp: 1096

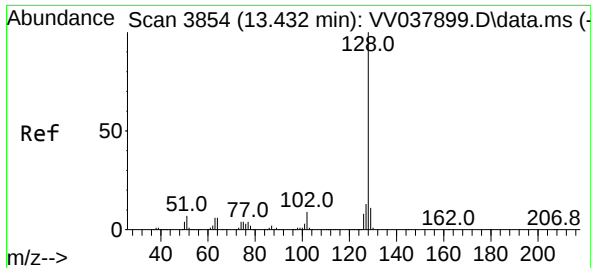
Ion Ratio Lower Upper

83 100

85 30.0 45.9 85.3#

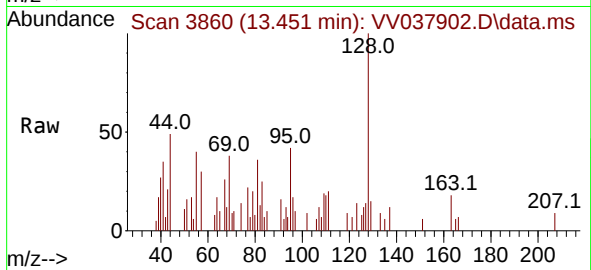
131 43.5 7.9 11.9#





#71
Naphthalene
Concen: 2.161 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.019 min
Lab File: VV037902.D
Acq: 21 Oct 2024 16:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 4803
Ion Ratio Lower Upper
128 100
127 7.3 10.2 15.4#
129 6.6 8.5 12.7#

