

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091323\
 Data File : VW032080.D
 Acq On : 13 Sep 2023 16:39
 Operator : SY/MD
 Sample : 04330-07ME
 Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 06:24:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 14 06:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	292396	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	278369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	148709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60829	33.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.480%
7) Chloroethane-d5	1.503	69	16653	10.381	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.760%#
11) 1,1-Dichloroethene-d2	2.031	65	25925	30.256	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.520%
21) 2-Butanone-d5	3.809	46	128443	89.245	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.240%
24) Chloroform-d	4.249	84	131185	32.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.600%#
26) 1,2-Dichloroethane-d4	4.944	65	88687	33.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.820%#
32) Benzene-d6	4.957	84	267399	35.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.400%
36) 1,2-Dichloropropane-d6	5.992	67	93193	38.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.240%
41) Toluene-d8	7.246	98	235588	33.661	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.320%#
43) trans-1,3-Dichloroprop...	7.561	79	41619	32.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.680%
47) 2-Hexanone-d5	8.043	63	81671	108.990	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.990%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	128291	40.607	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.220%
66) 1,2-Dichlorobenzene-d4	11.567	152	97021	35.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.580%#
Target Compounds						Qvalue
14) Carbon disulfide	2.211	76	4927	1.411	ug/L	95
15) Methyl Acetate	2.384	43	2774	1.214	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	6246	2.963	ug/L	98
33) Benzene	5.008	78	5798	0.775	ug/L	100
34) Trichloroethene	5.838	95	3058	1.337	ug/L	82
35) Methylcyclohexane	5.992	83	21951	7.215	ug/L #	19
39) cis-1,3-Dichloropropene	6.915	75	2773	0.752	ug/L #	58
42) Toluene	7.330	91	13333	1.621	ug/L	98
52) Ethylbenzene	8.956	91	41142	4.221	ug/L	100
53) m,p-Xylene	9.079	106	42686	11.796	ug/L	99
54) o-Xylene	9.487	106	17446	4.847	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	3952	1.303	ug/L #	60
60) Isopropylbenzene	9.876	105	7730	0.776	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	12312	1.469	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	57232	6.789	ug/L	97
71) Naphthalene	13.445	128	51675	5.178	ug/L #	95

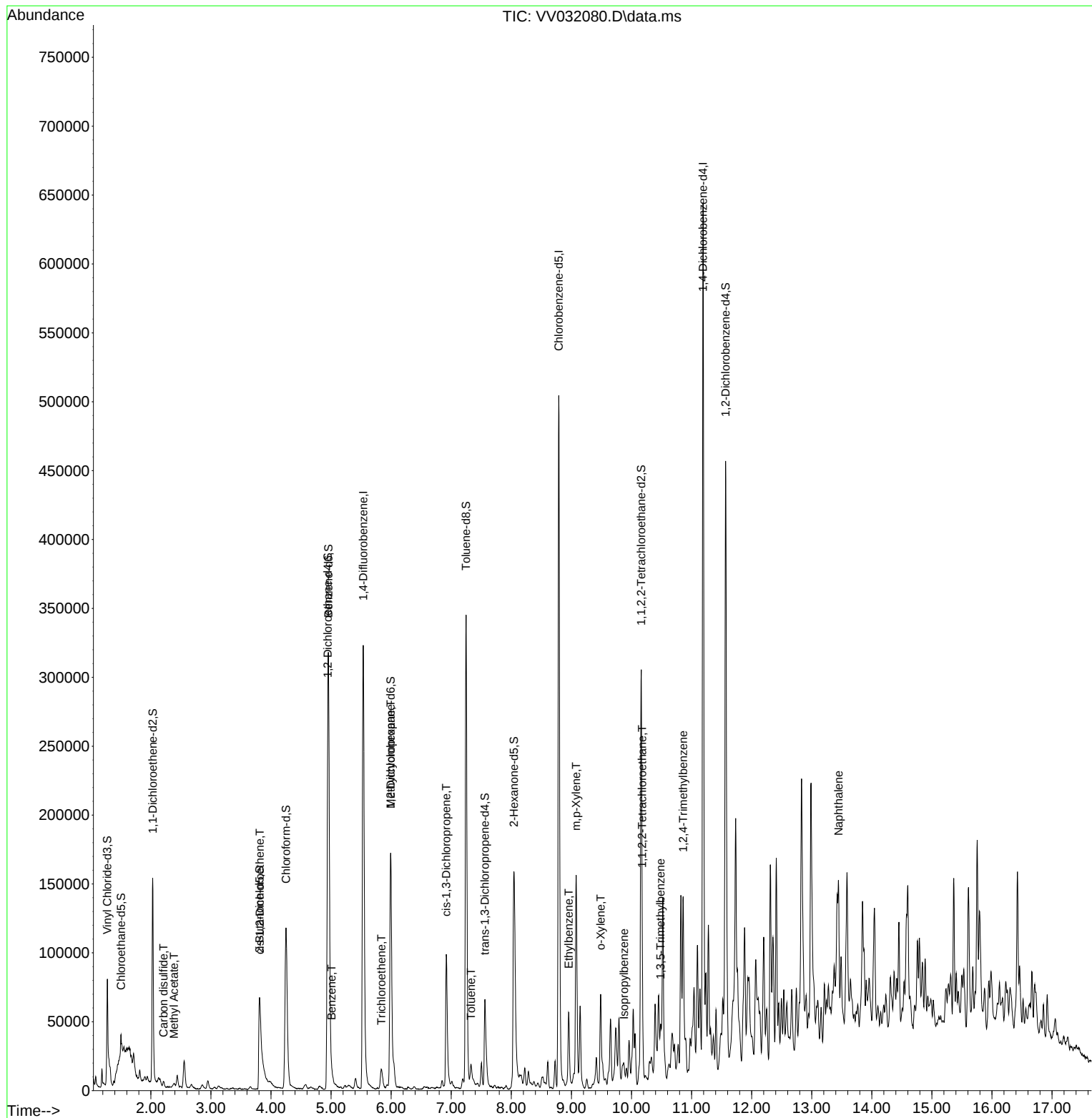
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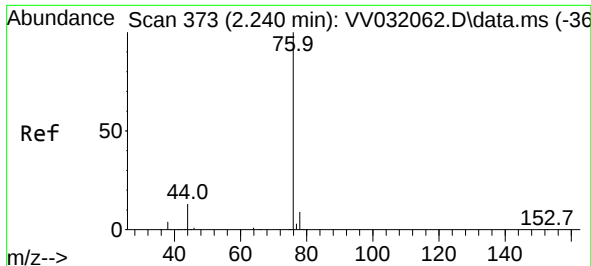
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
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ClientSampleId :

Quant Time: Sep 14 06:24:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 14 06:19:55 2023
Response via : Initial Calibration

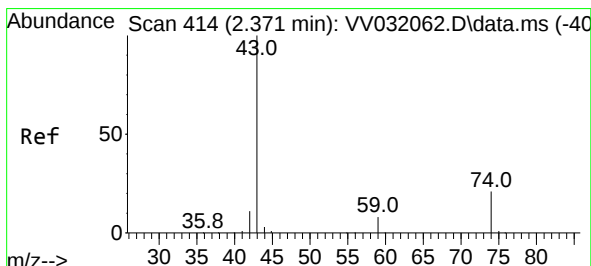
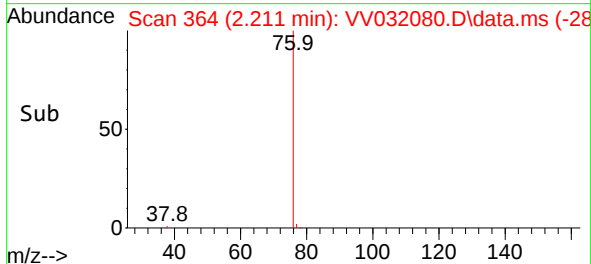
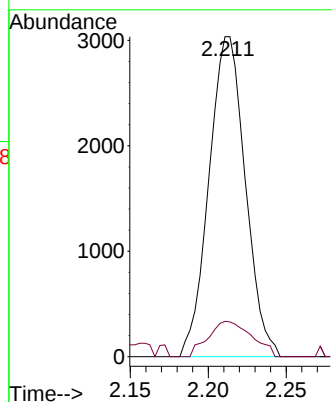
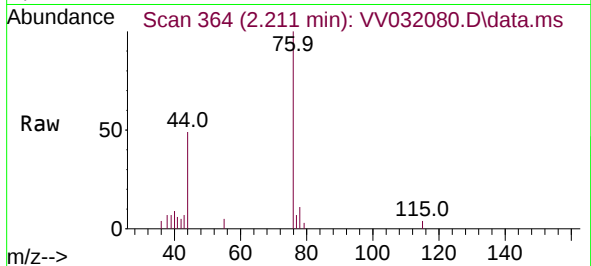




#14
Carbon disulfide
Concen: 1.411 ug/L
RT: 2.211 min Scan# 30
Delta R.T. -0.029 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

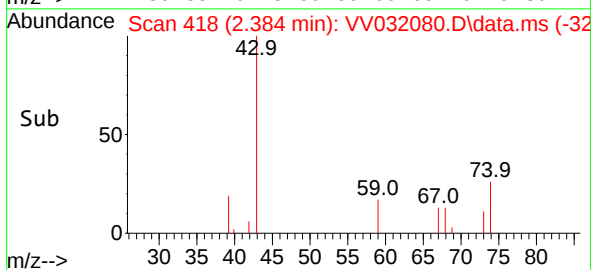
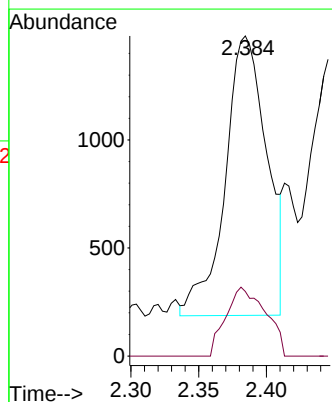
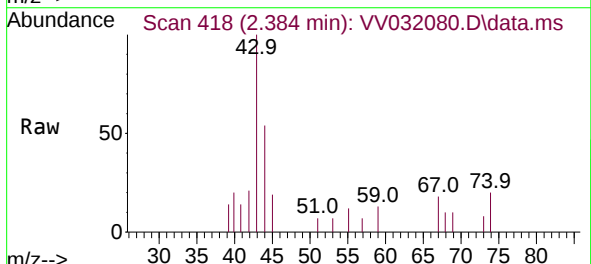
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MSVOA_V
ClientSampleId :

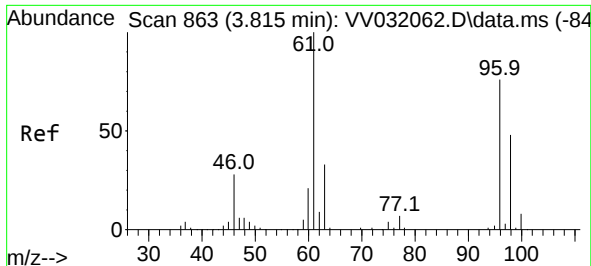
Tgt Ion: 76 Resp: 4927
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#15
Methyl Acetate
Concen: 1.214 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.013 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

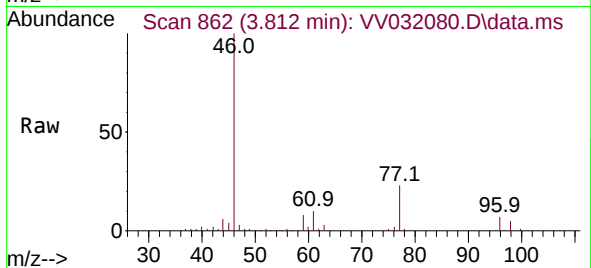
Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
74 23.5 17.9 26.9





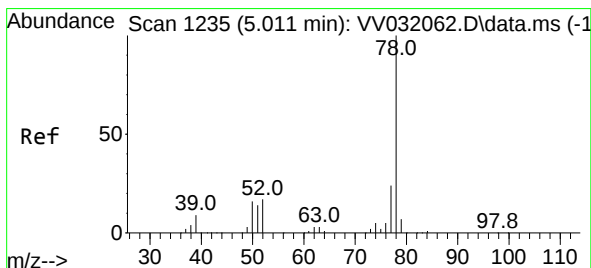
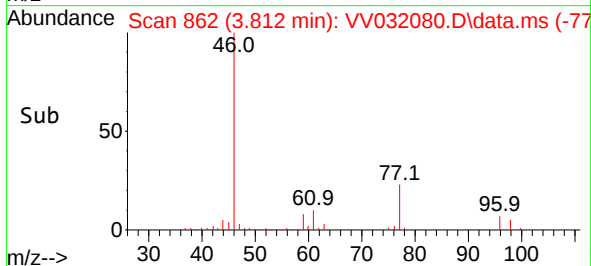
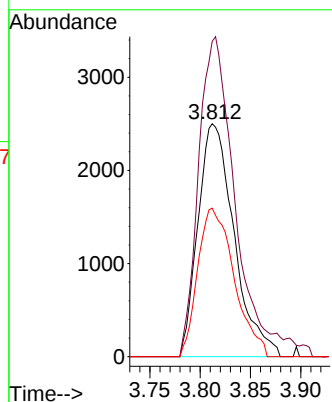
#20
 cis-1,2-Dichloroethene
 Concen: 2.963 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.003 min
 Lab File: VV032080.D
 Acq: 13 Sep 2023 16:39

Instrument :
 MSVOA_V
 ClientSampleId :



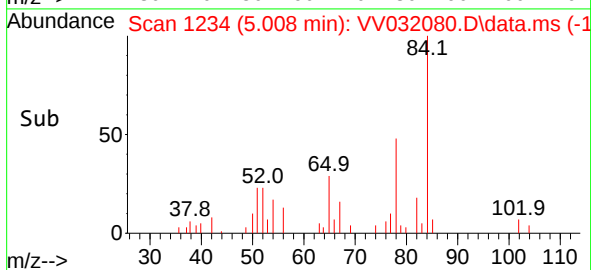
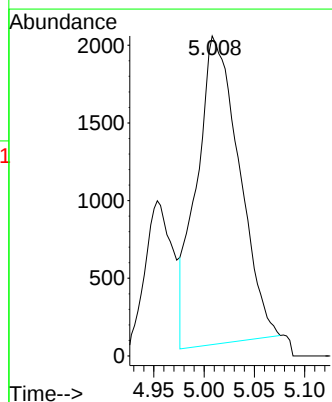
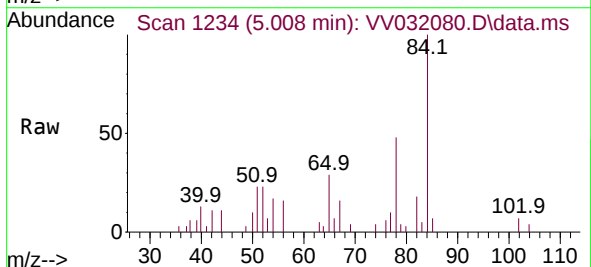
Tgt Ion: 96 Resp: 6246

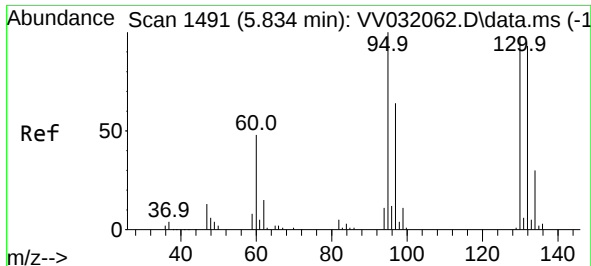
Ion	Ratio	Lower	Upper
96	100		
61	135.3	97.3	180.7
98	63.7	45.3	84.1



#33
 Benzene
 Concen: 0.775 ug/L
 RT: 5.008 min Scan# 1234
 Delta R.T. -0.003 min
 Lab File: VV032080.D
 Acq: 13 Sep 2023 16:39

Tgt Ion: 78 Resp: 5798



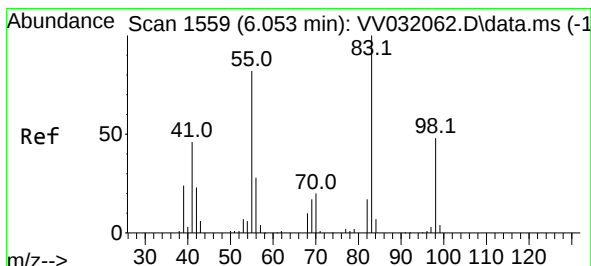
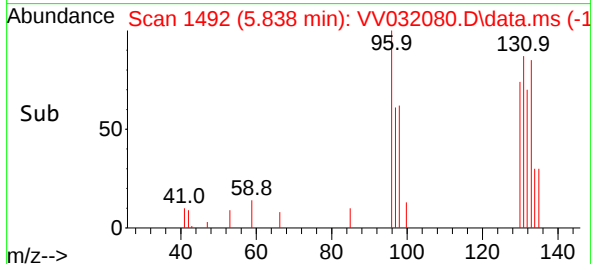
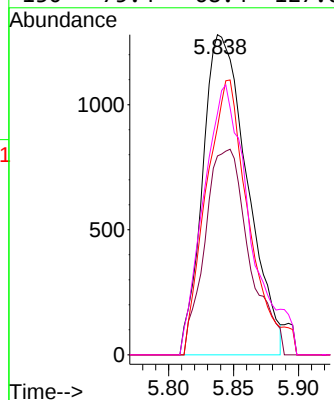
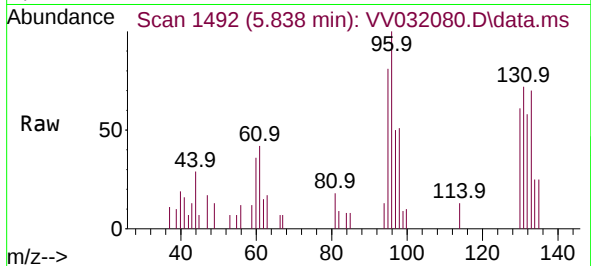


#34
Trichloroethene
Concen: 1.337 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 3058

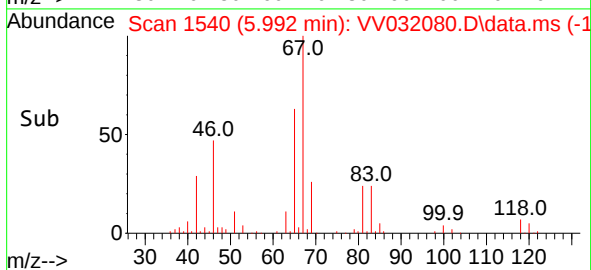
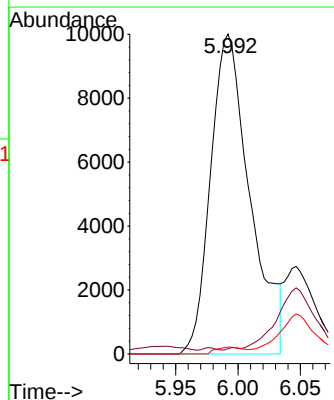
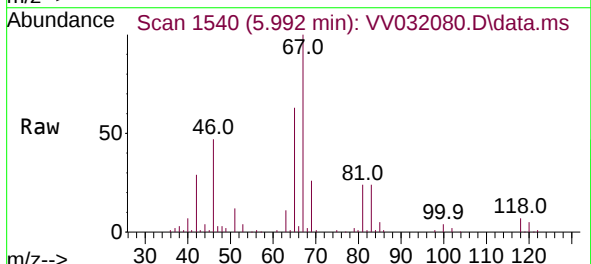
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.4	84.2
132	71.1	65.4	121.4
130	75.4	68.4	127.0

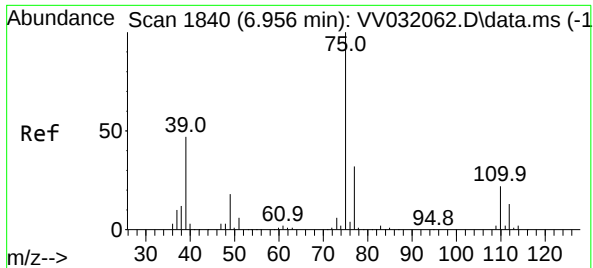


#35
Methylcyclohexane
Concen: 7.215 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Tgt Ion: 83 Resp: 21951

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.2	93.2#
98	1.5	36.7	55.1#





#39

cis-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.042 min

Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

Instrument :

MSVOA_V

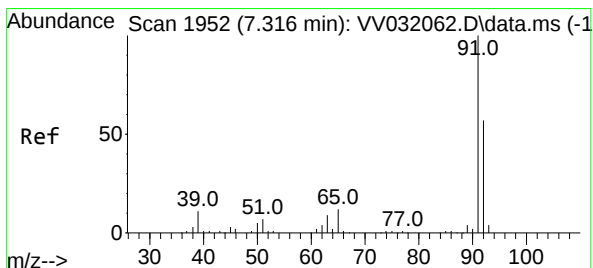
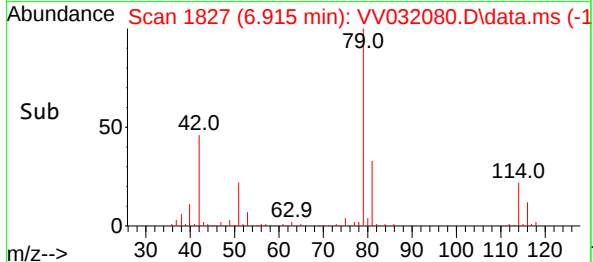
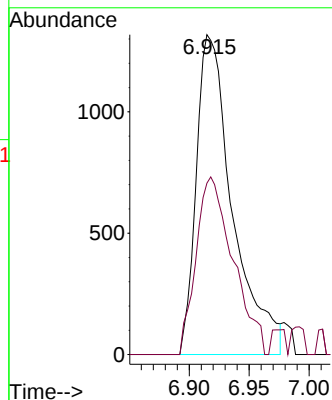
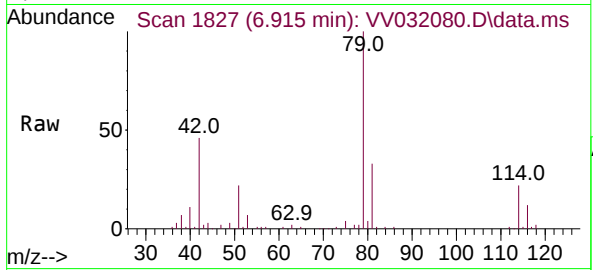
ClientSampleId :

Tgt Ion: 75 Resp: 2773

Ion Ratio Lower Upper

75 100

77 53.6 21.4 39.8#



#42

Toluene

Concen: 1.621 ug/L

RT: 7.330 min Scan# 1956

Delta R.T. 0.013 min

Lab File: VV032080.D

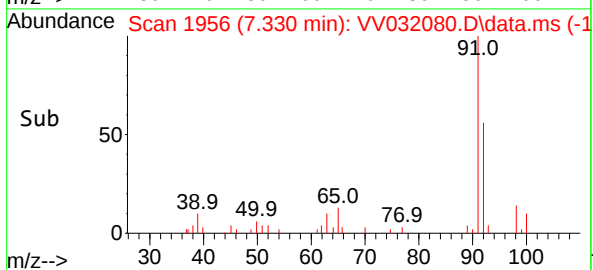
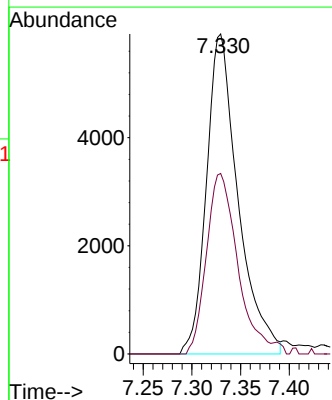
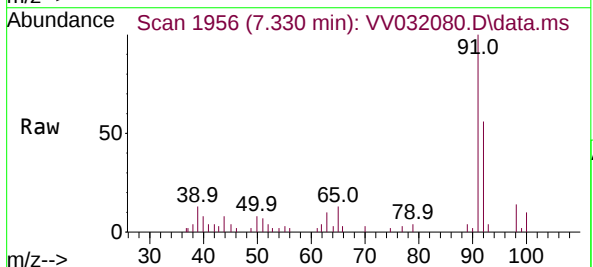
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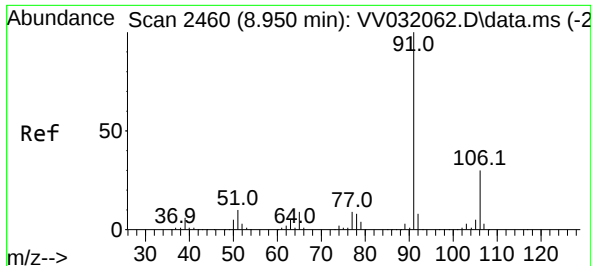
Tgt Ion: 91 Resp: 13333

Ion Ratio Lower Upper

91 100

92 56.4 40.7 75.7





#52

Ethylbenzene

Concen: 4.221 ug/L

RT: 8.956 min Scan# 2460

Delta R.T. 0.007 min

Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

Instrument :

MSVOA_V

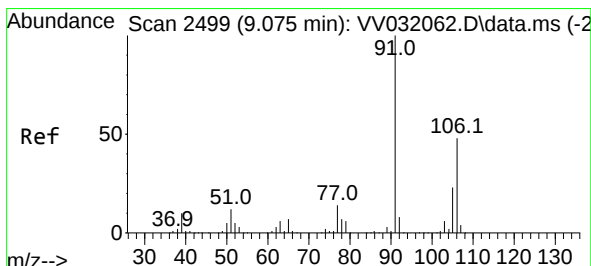
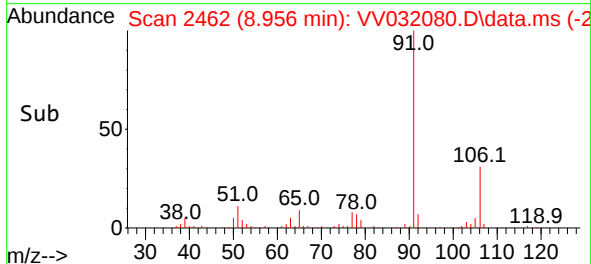
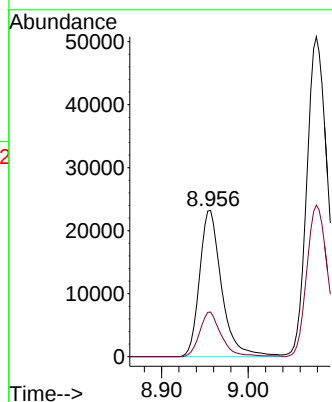
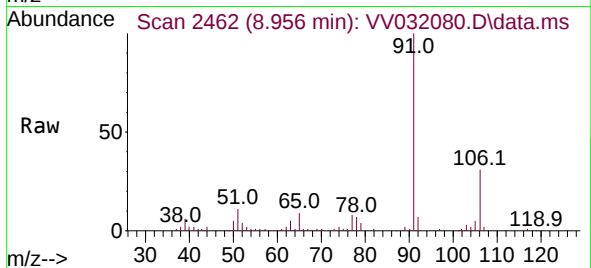
ClientSampleId :

Tgt Ion: 91 Resp: 41142

Ion Ratio Lower Upper

91 100

106 30.5 21.5 39.9



#53

m,p-Xylene

Concen: 11.796 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.003 min

Lab File: VV032080.D

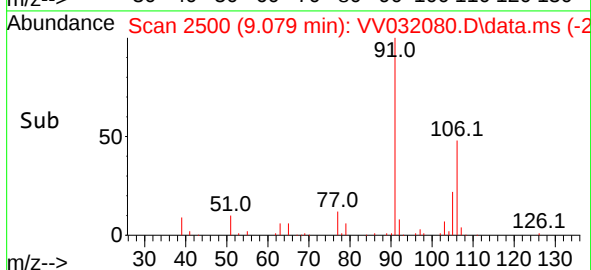
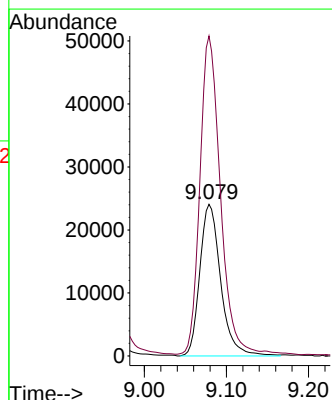
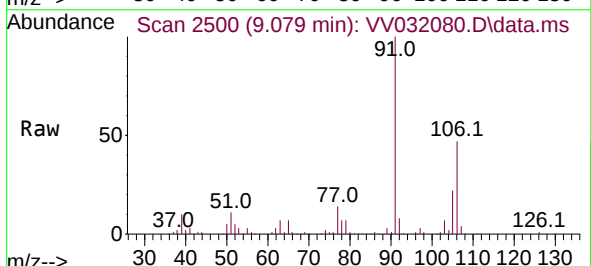
Acq: 13 Sep 2023 16:39

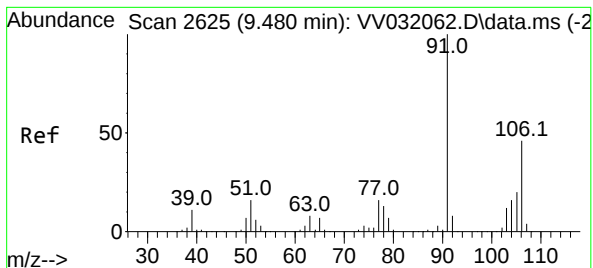
Tgt Ion: 106 Resp: 42686

Ion Ratio Lower Upper

106 100

91 210.9 147.0 273.0





#54

o-Xylene

Concen: 4.847 ug/L

RT: 9.487 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

Instrument :

MSVOA_V

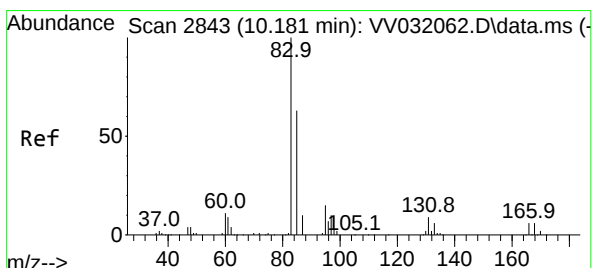
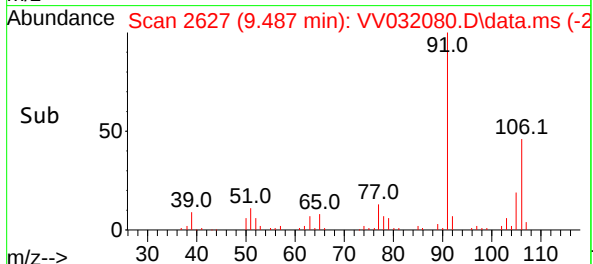
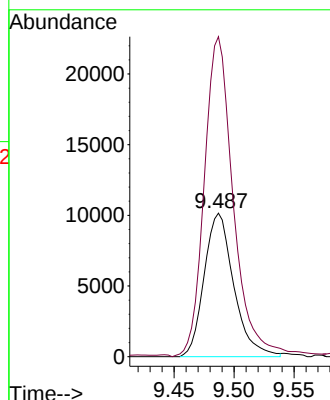
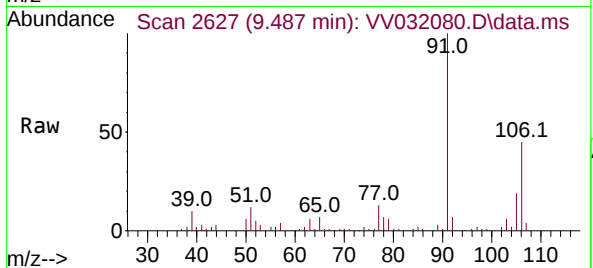
ClientSampleId :

Tgt Ion:106 Resp: 17446

Ion Ratio Lower Upper

106 100

91 223.0 154.3 286.5



#57

1,1,2,2-Tetrachloroethane

Concen: 1.303 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.003 min

Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

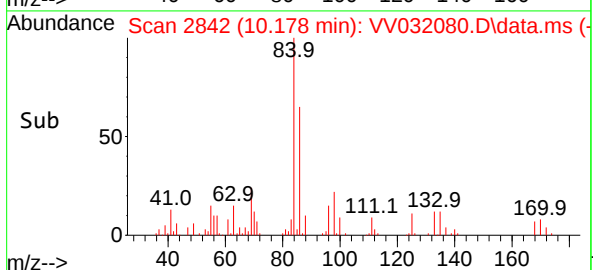
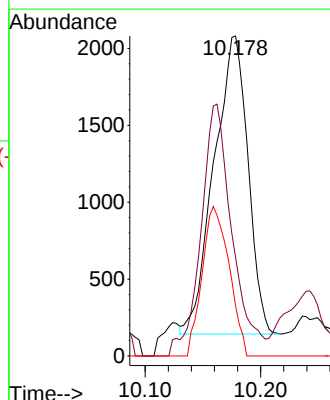
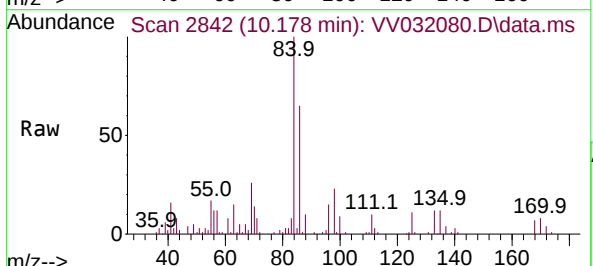
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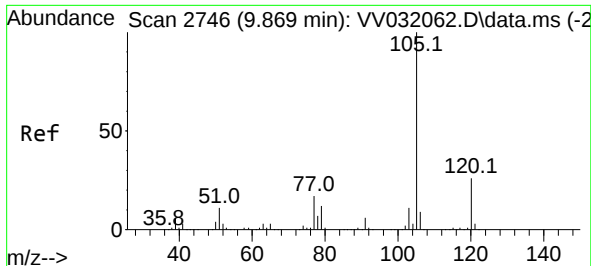
Ion Ratio Lower Upper

83 100

85 30.8 45.1 83.9#

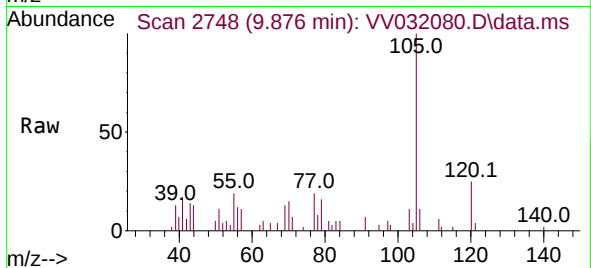
131 15.6 7.4 11.2#



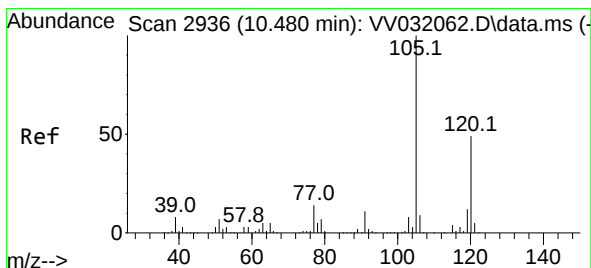
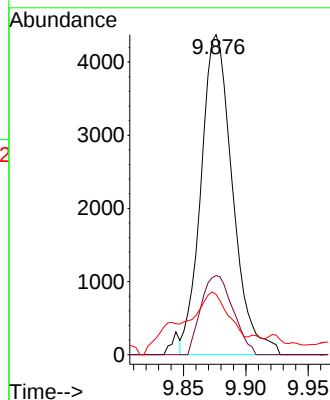
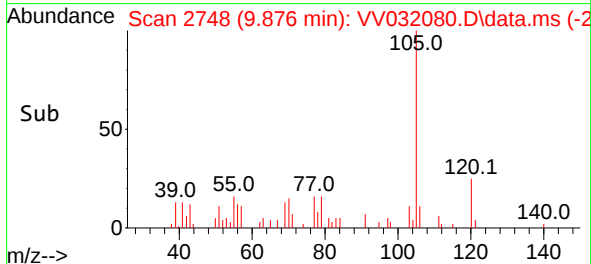


#60
Isopropylbenzene
Concen: 0.776 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

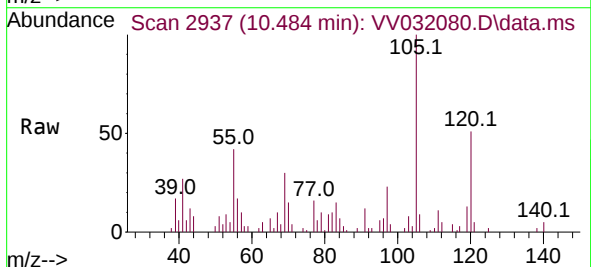
Instrument :
MSVOA_V
ClientSampleId :



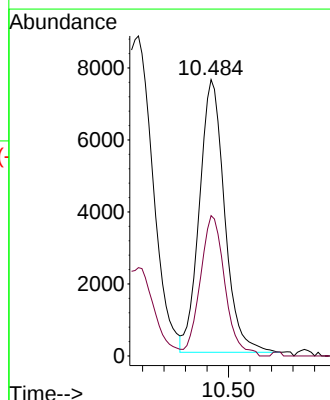
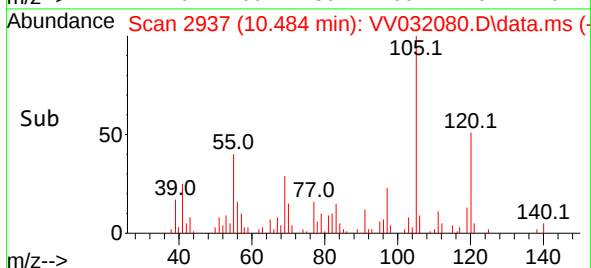
Tgt Ion:105 Resp: 7730
Ion Ratio Lower Upper
105 100
120 25.0 20.6 31.0
77 17.2 12.8 19.2

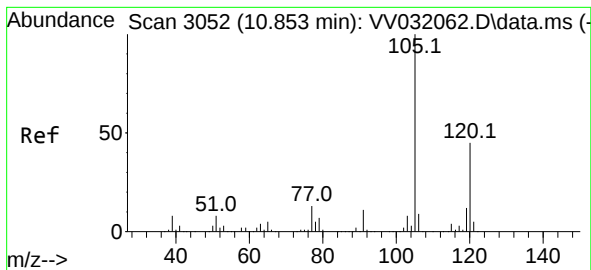


#62
1,3,5-Trimethylbenzene
Concen: 1.469 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39



Tgt Ion:105 Resp: 12312
Ion Ratio Lower Upper
105 100
120 50.0 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 6.789 ug/L

RT: 10.860 min Scan# 3052

Delta R.T. 0.007 min

Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

Instrument :

MSVOA_V

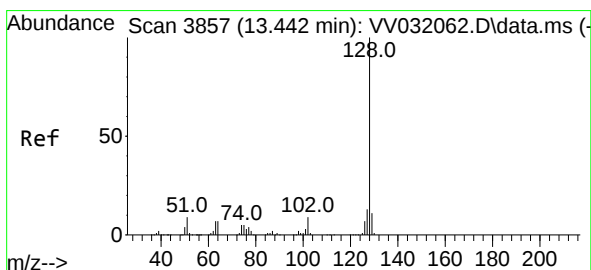
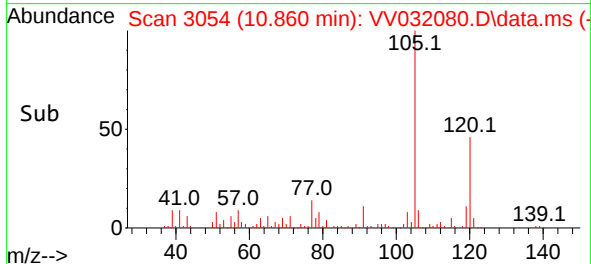
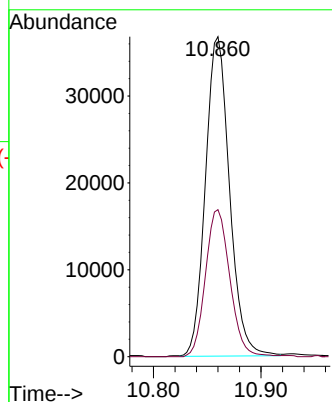
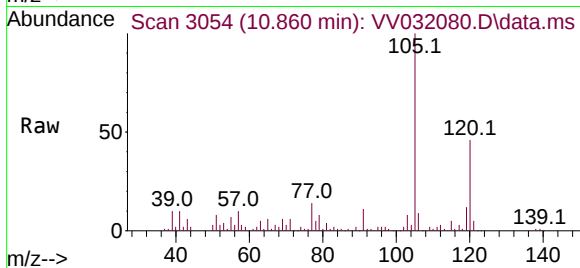
ClientSampleId :

Tgt Ion:105 Resp: 57232

Ion Ratio Lower Upper

105 100

120 46.6 35.9 53.9



#71

Naphthalene

Concen: 5.178 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

Tgt Ion:128 Resp: 51675

Ion Ratio Lower Upper

128 100

127 11.6 10.4 15.6

129 13.3 8.7 13.1#

