

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021830.D
 Acq On : 17 Aug 2021 21:47
 Operator : SY/MD
 Sample : M3399-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

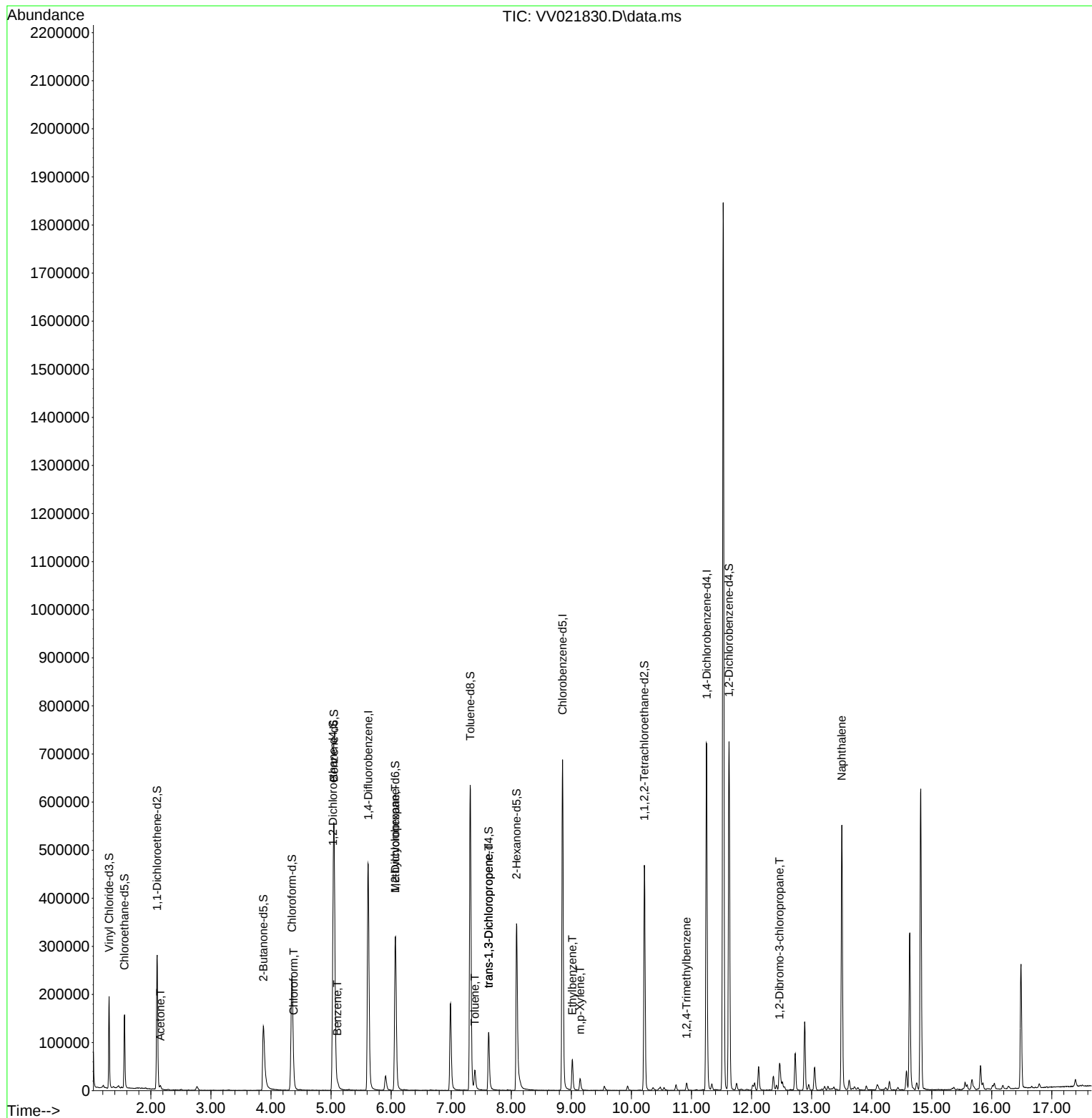
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	432731	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	396726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	197038	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119271	35.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.520%		
7) Chloroethane-d5	1.561	69	101730	39.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.700%		
11) 1,1-Dichloroethene-d2	2.105	63	141662	26.307	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.620%#		
21) 2-Butanone-d5	3.873	46	211269	100.414	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.410%		
24) Chloroform-d	4.349	84	247944	42.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.600%		
26) 1,2-Dichloroethane-d4	5.034	65	153522	45.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
32) Benzene-d6	5.050	84	497427	43.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.200%		
36) 1,2-Dichloropropane-d6	6.069	67	166019	46.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.460%		
41) Toluene-d8	7.317	98	435643	41.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.620%		
43) trans-1,3-Dichloroprop...	7.625	79	72241	41.317	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.640%		
47) 2-Hexanone-d5	8.088	63	121908	104.696	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.700%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	226329	51.408	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.820%		
66) 1,2-Dichlorobenzene-d4	11.625	152	198636	48.712	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.420%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	6394	3.693	ug/L #	100
25) Chloroform	4.378	83	2821	0.491	ug/L	88
33) Benzene	5.105	78	10778	0.883	ug/L	100
35) Methylcyclohexane	6.069	83	39707	7.758	ug/L #	20
42) Toluene	7.394	91	31759	2.436	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	2746	0.595	ug/L #	59
52) Ethylbenzene	9.018	91	45952	3.303	ug/L	99
53) m,p-Xylene	9.146	106	7331	1.360	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	8134	0.722	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.468	75	1334	1.507	ug/L #	1
71) Naphthalene	13.503	128	427098	37.806	ug/L	99

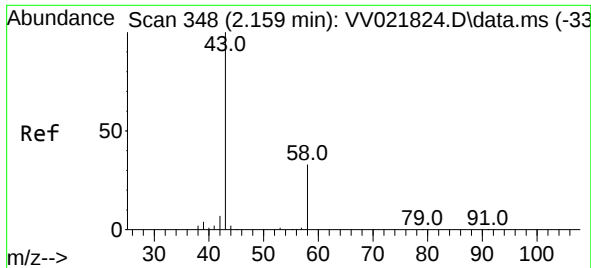
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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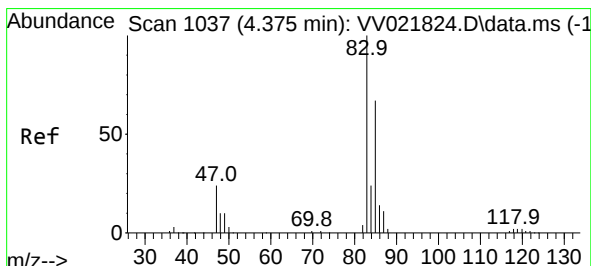
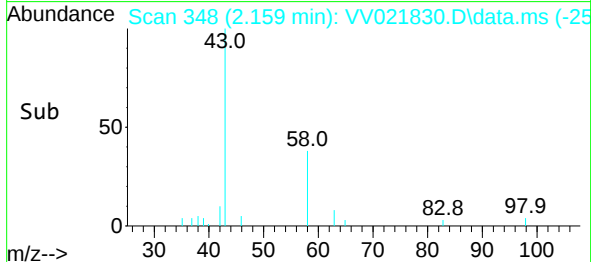
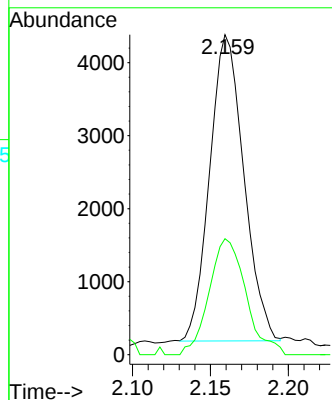
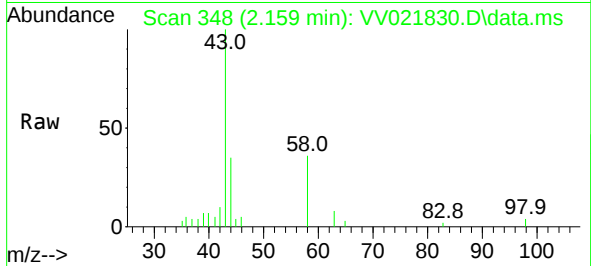




#13
Acetone
Concen: 3.693 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021830.D
Acq: 17 Aug 2021 21:47

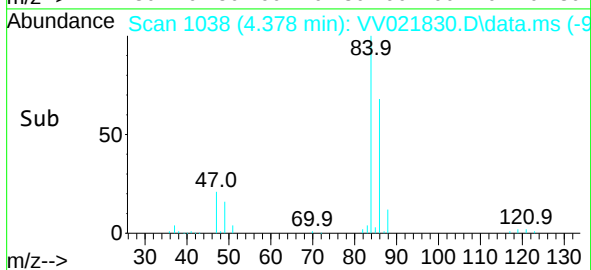
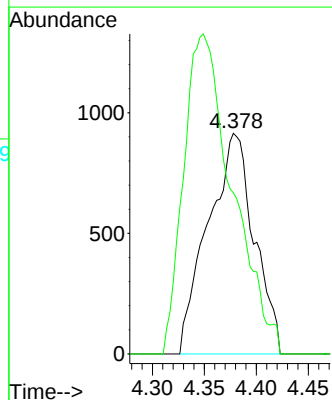
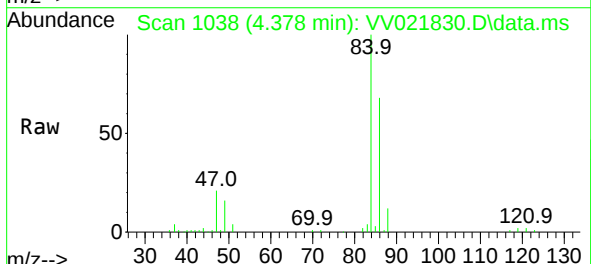
Instrument :
MSVOA_V
ClientSampled :

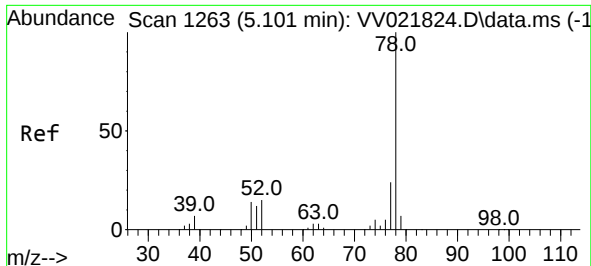
Tgt Ion: 43 Resp: 6394
Ion Ratio Lower Upper
43 100
58 40.7 0.0 0.0#



#25
Chloroform
Concen: 0.491 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV021830.D
Acq: 17 Aug 2021 21:47

Tgt Ion: 83 Resp: 2821
Ion Ratio Lower Upper
83 100
85 73.0 44.8 83.2

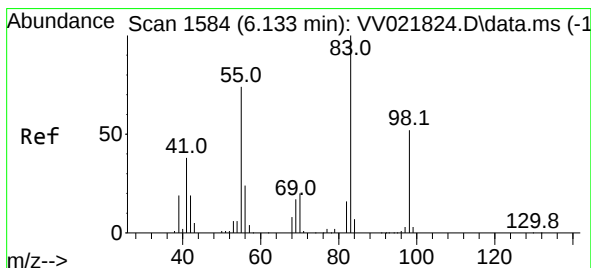
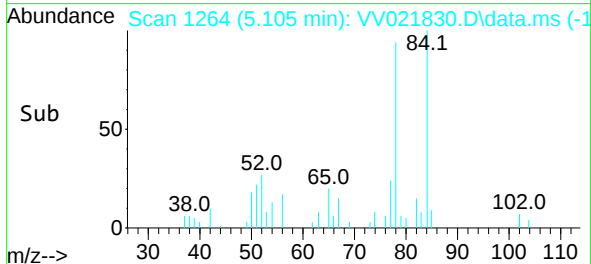
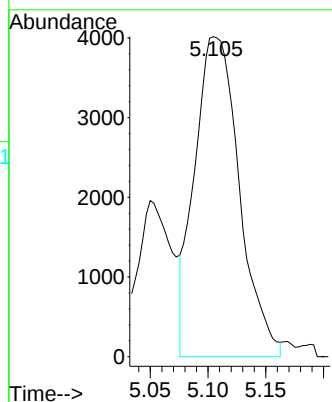
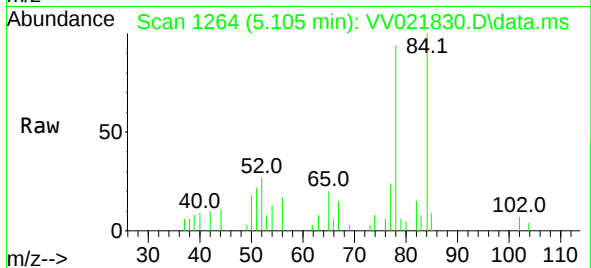




#33
Benzene
Concen: 0.883 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021830.D
Acq: 17 Aug 2021 21:47

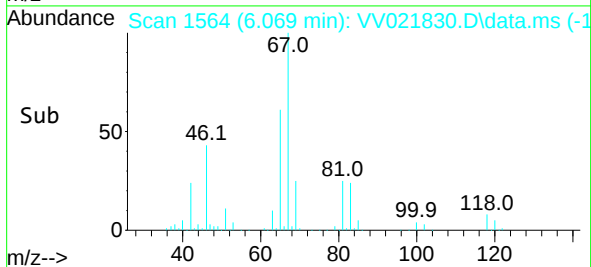
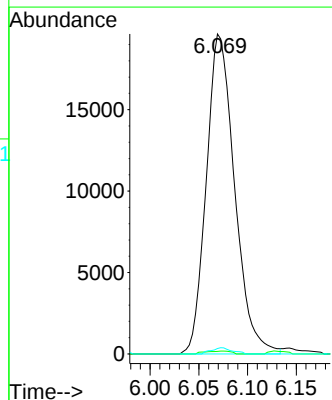
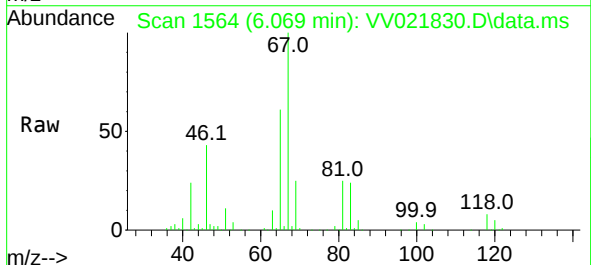
Instrument :
MSVOA_V
ClientSampled :

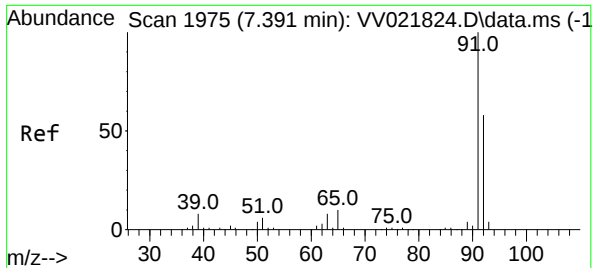
Tgt Ion: 78 Resp: 10778



#35
Methylcyclohexane
Concen: 7.758 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV021830.D
Acq: 17 Aug 2021 21:47

Tgt Ion: 83 Resp: 39707
Ion Ratio Lower Upper
83 100
55 0.7 57.9 86.9#
98 1.4 39.9 59.9#

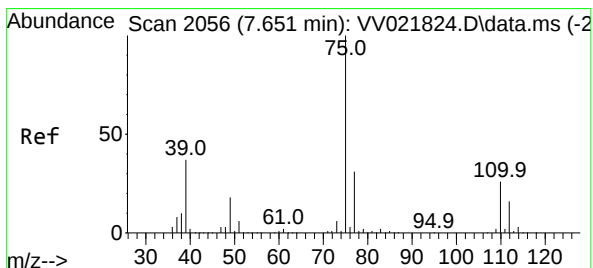
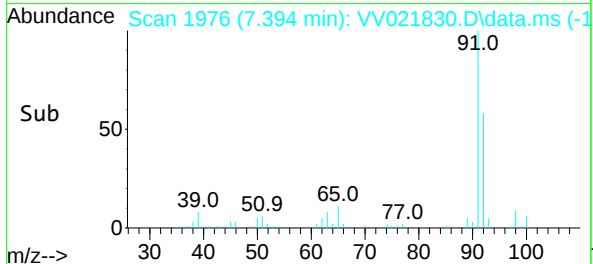
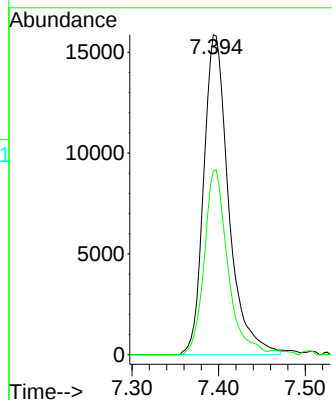
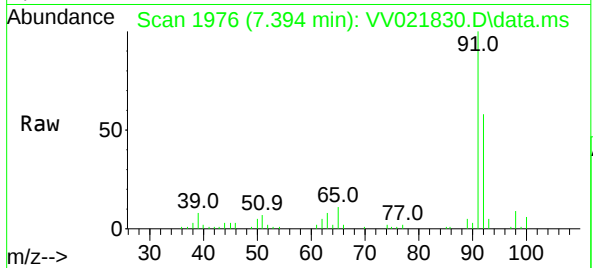




#42
Toluene
Concen: 2.436 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021830.D
Acq: 17 Aug 2021 21:47

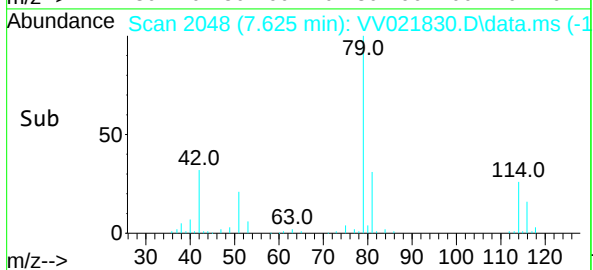
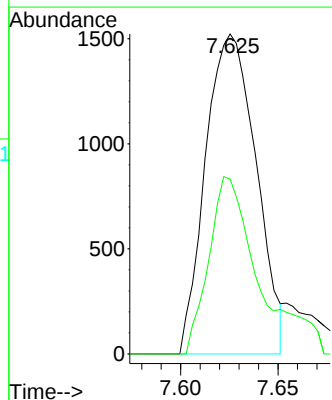
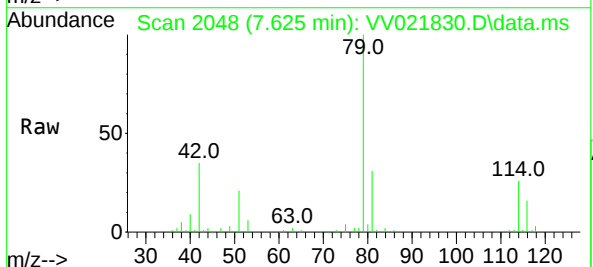
Instrument :
MSVOA_V
ClientSampled :

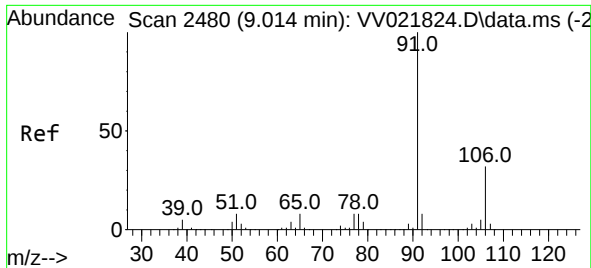
Tgt Ion: 91 Resp: 31759
Ion Ratio Lower Upper
91 100
92 57.5 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 0.595 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021830.D
Acq: 17 Aug 2021 21:47

Tgt Ion: 75 Resp: 2746
Ion Ratio Lower Upper
75 100
77 54.6 22.2 41.2#





#52

Ethylbenzene

Concen: 3.303 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV021830.D

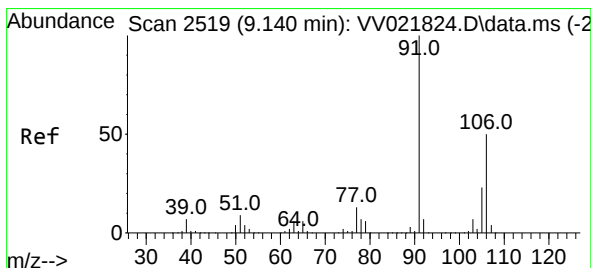
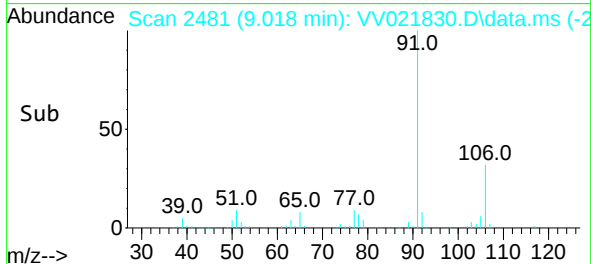
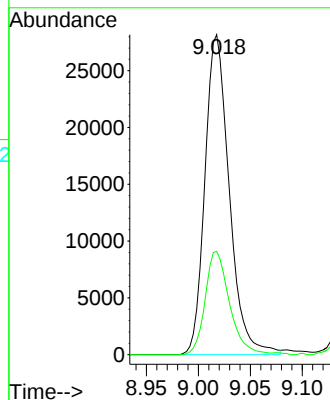
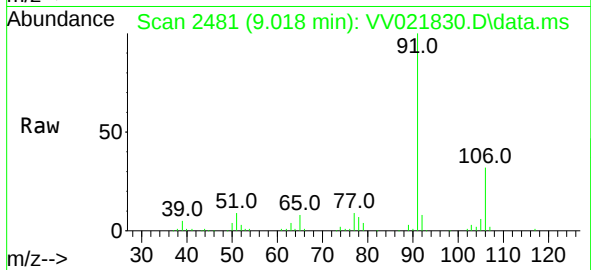
Acq: 17 Aug 2021 21:47

Tgt Ion: 91 Resp: 45952

Ion Ratio Lower Upper

91 100

106 32.3 22.2 41.2



#53

m,p-Xylene

Concen: 1.360 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.006 min

Lab File: VV021830.D

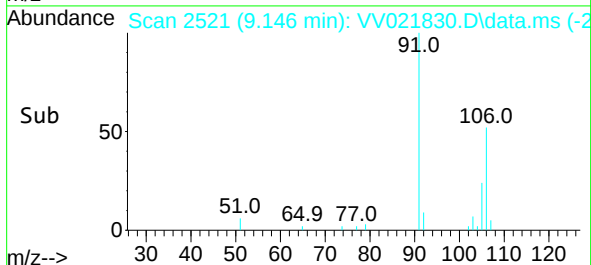
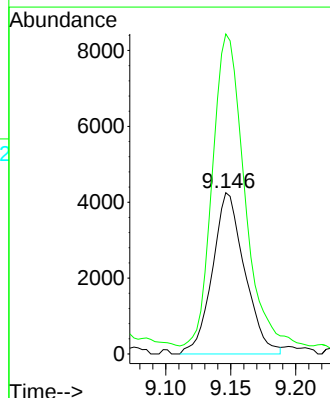
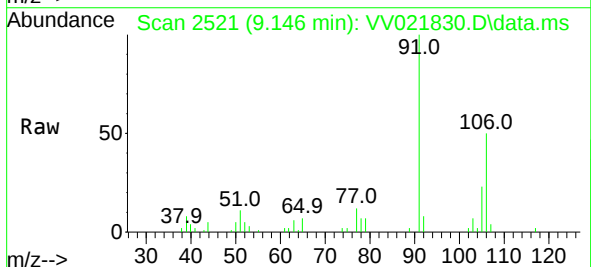
Acq: 17 Aug 2021 21:47

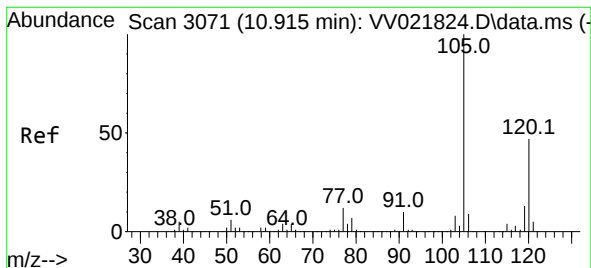
Tgt Ion: 106 Resp: 7331

Ion Ratio Lower Upper

106 100

91 198.3 139.2 258.6





#63

1,2,4-Trimethylbenzene

Concen: 0.722 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV021830.D

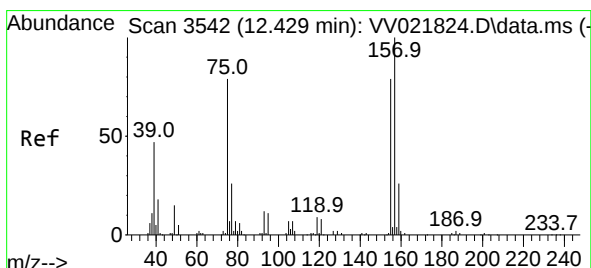
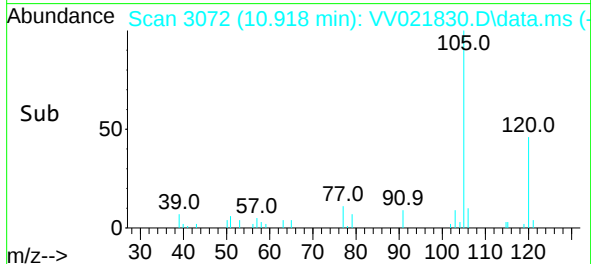
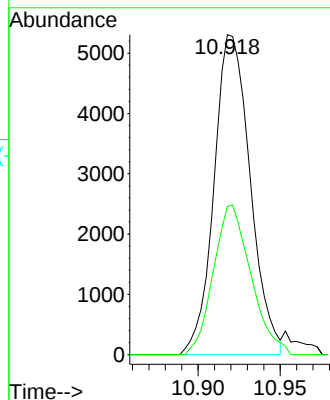
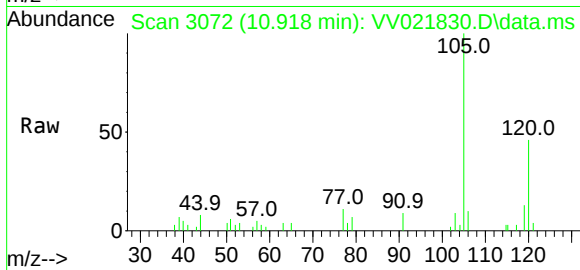
Acq: 17 Aug 2021 21:47

Tgt Ion:105 Resp: 8134

Ion Ratio Lower Upper

105 100

120 48.5 37.3 55.9



#68

1,2-Dibromo-3-chloropropane

Concen: 1.507 ug/L

RT: 12.468 min Scan# 3554

Delta R.T. 0.039 min

Lab File: VV021830.D

Acq: 17 Aug 2021 21:47

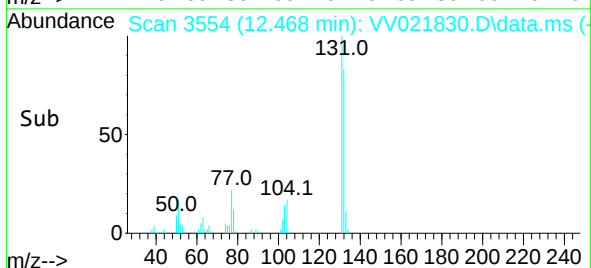
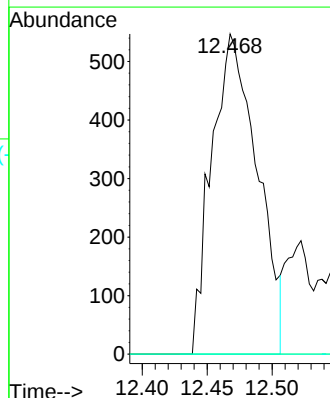
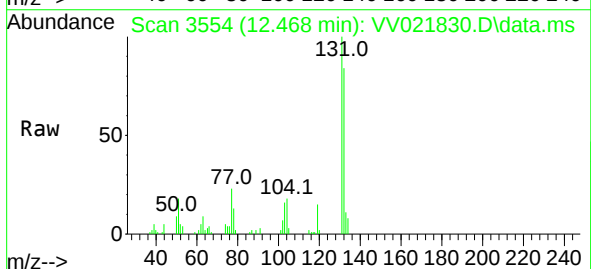
Tgt Ion: 75 Resp: 1334

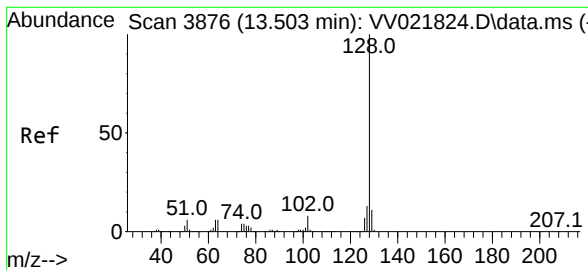
Ion Ratio Lower Upper

75 100

155 0.0 77.8 116.8#

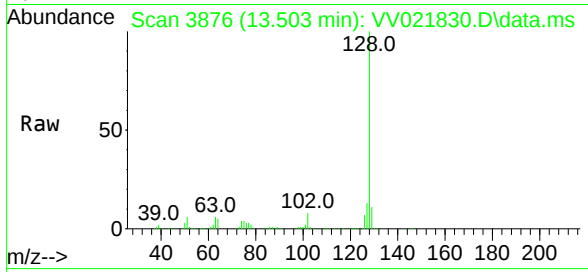
157 0.0 99.4 149.0#





#71
Naphthalene
Concen: 37.806 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021830.D
Acq: 17 Aug 2021 21:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 427098
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.5 12.7

