

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022111.D
 Acq On : 07 Sep 2021 19:25
 Operator : SY/MD
 Sample : M3651-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 08 01:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

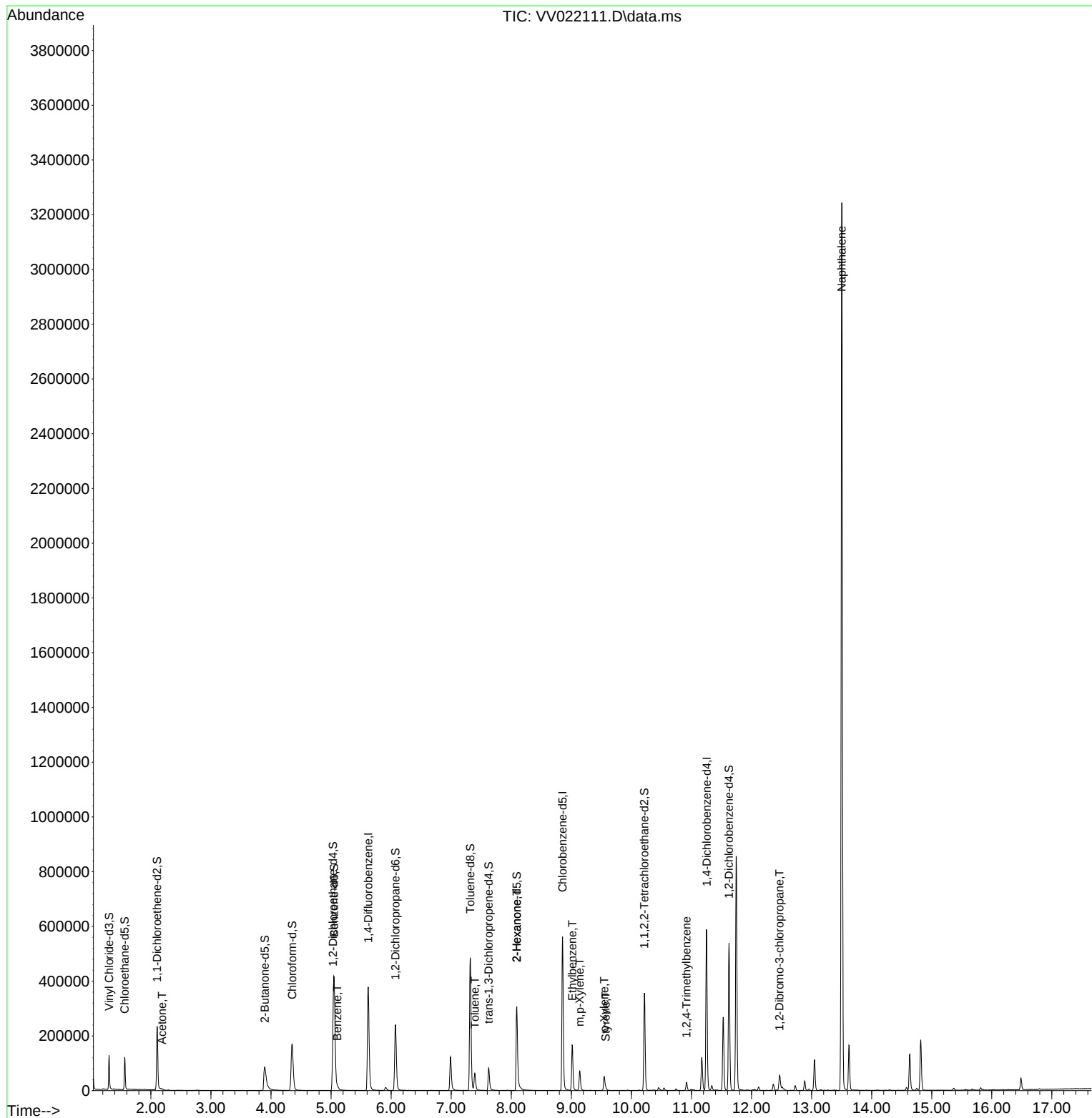
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	341636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	314333	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	159256	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81697	34.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.060%
7) Chloroethane-d5	1.565	69	71351	38.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.240%
11) 1,1-Dichloroethene-d2	2.105	63	119784	30.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.220%
21) 2-Butanone-d5	3.896	46	164785	101.559	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	4.352	84	180644	41.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
26) 1,2-Dichloroethane-d4	5.034	65	114757	45.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.320%
32) Benzene-d6	5.053	84	364366	42.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.480%
36) 1,2-Dichloropropane-d6	6.072	67	118902	44.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.700%
41) Toluene-d8	7.317	98	326593	40.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.160%
43) trans-1,3-Dichloroprop...	7.625	79	48610	38.091	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.180%
47) 2-Hexanone-d5	8.092	63	108190	105.163	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	170273	49.585	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.180%
66) 1,2-Dichlorobenzene-d4	11.625	152	142917	45.649	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.300%
Target Compounds						
					Qvalue	
13) Acetone	2.188	43	6529	4.803	ug/L #	89
33) Benzene	5.105	78	12344	1.350	ug/L	100
42) Toluene	7.394	91	48105	4.874	ug/L	98
48) 2-Hexanone	8.092	43	12147	4.871	ug/L #	70
52) Ethylbenzene	9.014	91	116642	10.917	ug/L	99
53) m,p-Xylene	9.140	106	20581	4.956	ug/L	93
54) o-Xylene	9.548	106	13414	3.264	ug/L	100
55) Styrene	9.571	104	6879	0.981	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	16231	1.901	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.468	75	1625	2.443	ug/L #	1
71) Naphthalene	13.503	128	2450484	254.896	ug/L	100

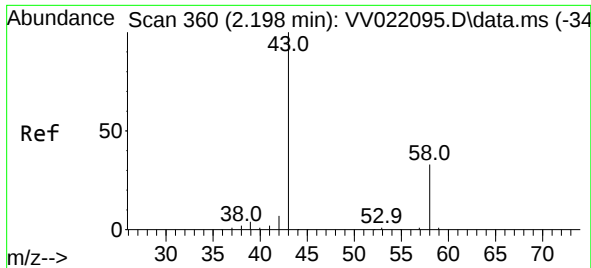
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 08 01:14:49 2021
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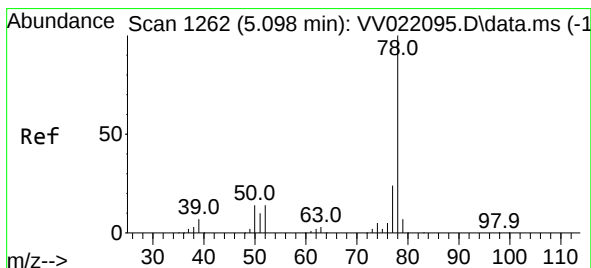
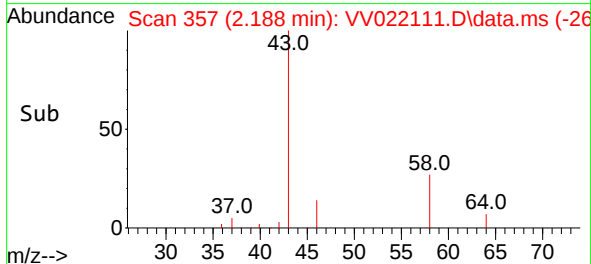
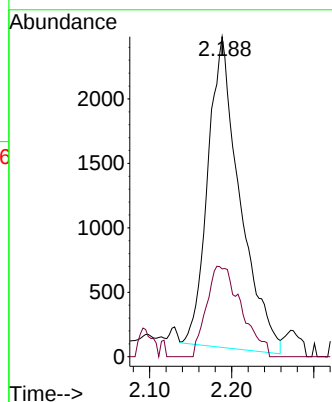
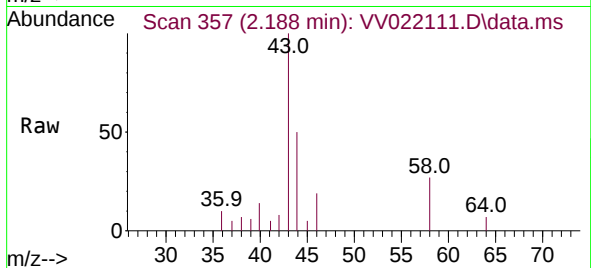




#13
Acetone
Concen: 4.803 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.009 min
Lab File: VV022111.D
Acq: 07 Sep 2021 19:25

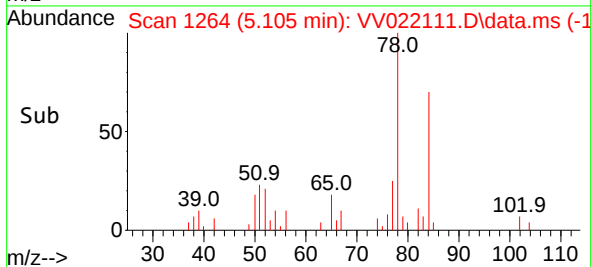
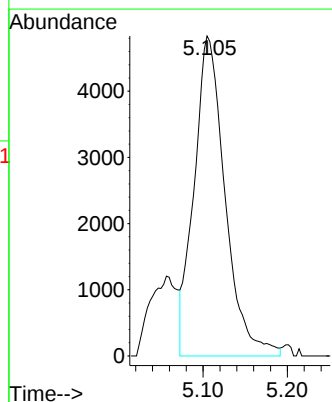
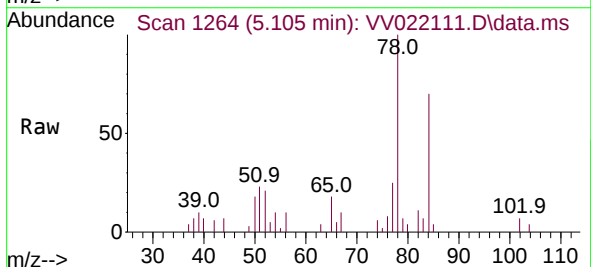
Instrument :
MSVOA_V
ClientSampled :

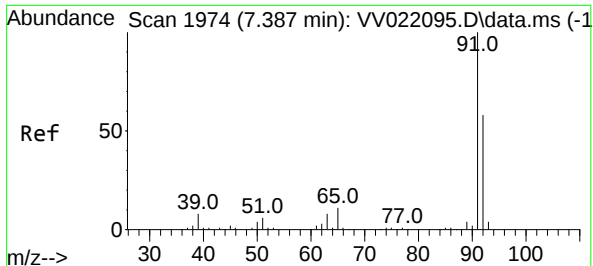
Tgt Ion: 43 Resp: 6529
Ion Ratio Lower Upper
43 100
58 14.8 0.0 0.4#



#33
Benzene
Concen: 1.350 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV022111.D
Acq: 07 Sep 2021 19:25

Tgt Ion: 78 Resp: 12344

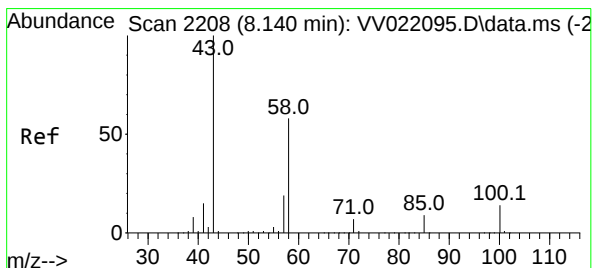
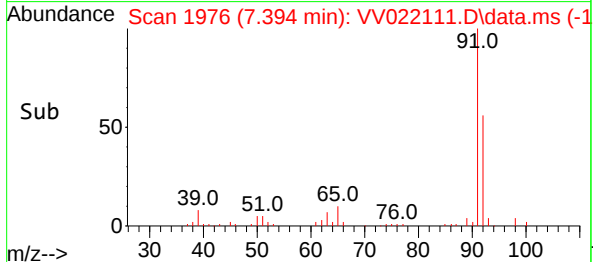
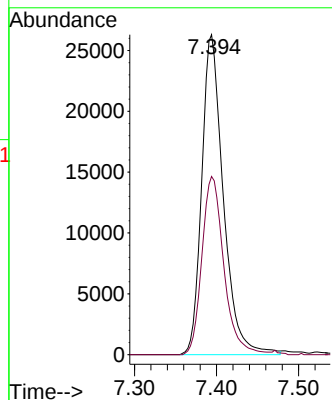
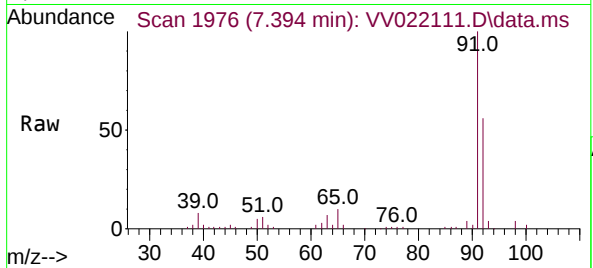




#42
Toluene
Concen: 4.874 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.007 min
Lab File: VV022111.D
Acq: 07 Sep 2021 19:25

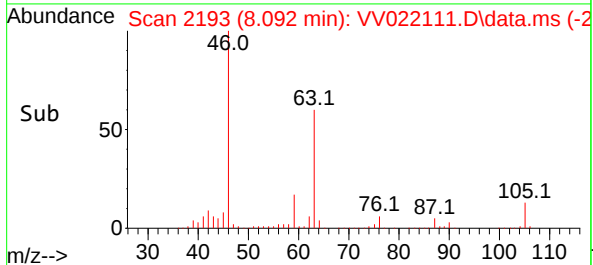
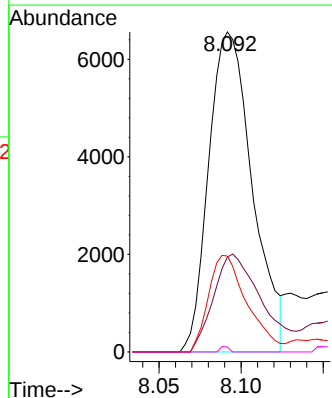
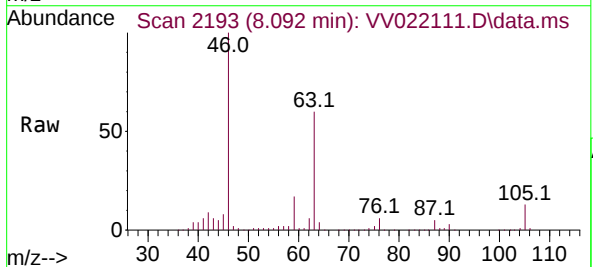
Instrument :
MSVOA_V
ClientSampled :

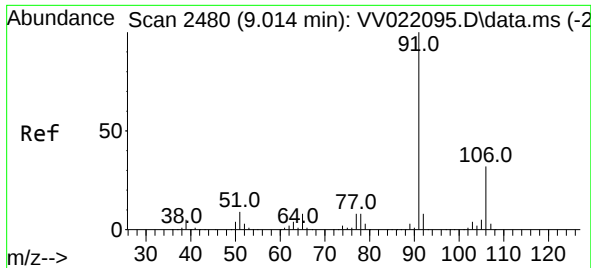
Tgt Ion: 91 Resp: 48105
Ion Ratio Lower Upper
91 100
92 55.7 40.3 74.8



#48
2-Hexanone
Concen: 4.871 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022111.D
Acq: 07 Sep 2021 19:25

Tgt Ion: 43 Resp: 12147
Ion Ratio Lower Upper
43 100
58 33.8 47.5 71.3#
57 26.9 15.9 23.9#
100 0.3 11.4 17.2#

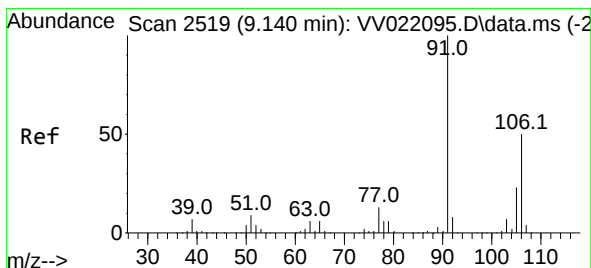
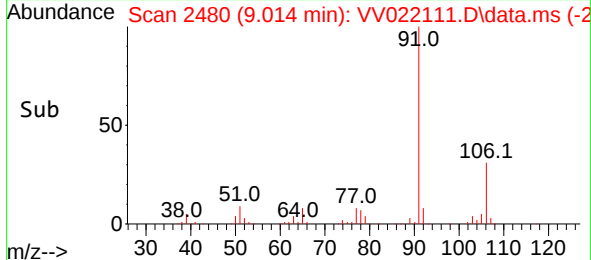
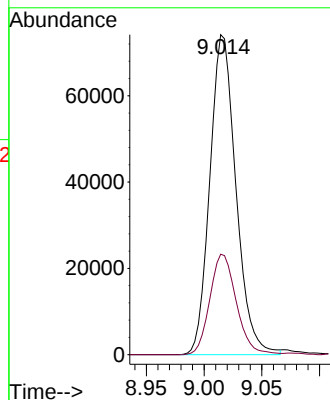
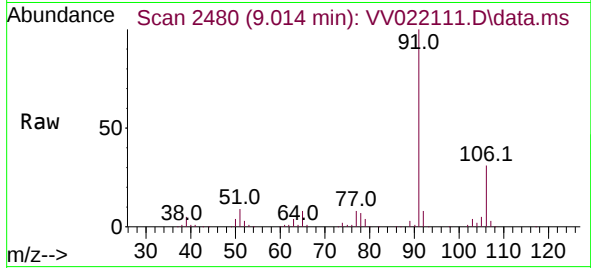




#52
Ethylbenzene
Concen: 10.917 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022111.D
Acq: 07 Sep 2021 19:25

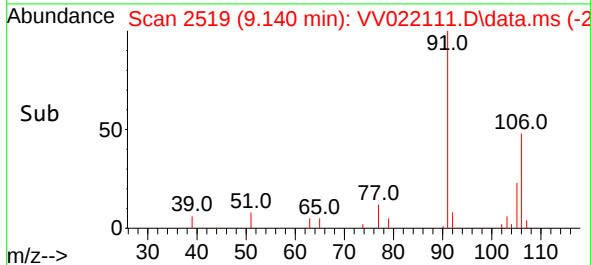
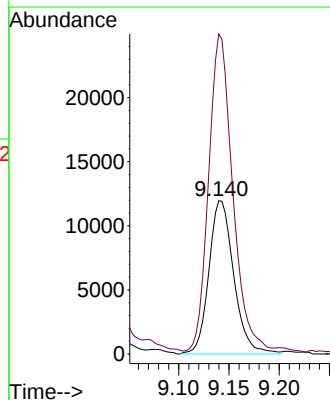
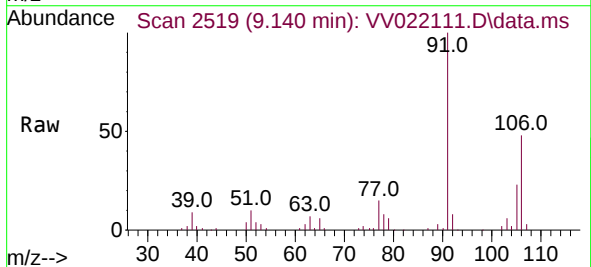
Instrument :
MSVOA_V
ClientSampled :

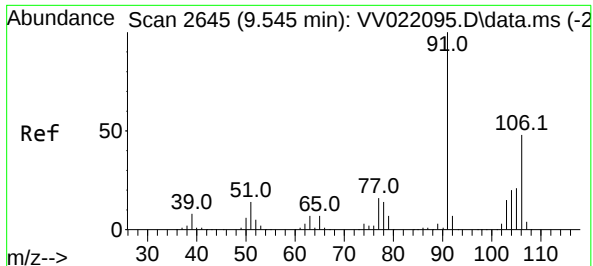
Tgt Ion: 91 Resp: 116642
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 4.956 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022111.D
Acq: 07 Sep 2021 19:25

Tgt Ion: 106 Resp: 20581
Ion Ratio Lower Upper
106 100
91 208.7 139.1 258.3





#54

o-Xylene

Concen: 3.264 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.003 min

Lab File: VV022111.D

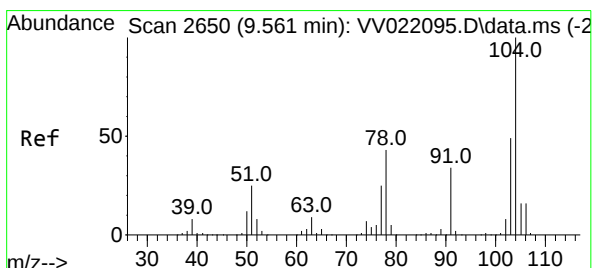
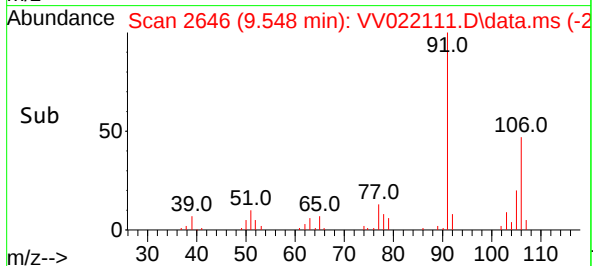
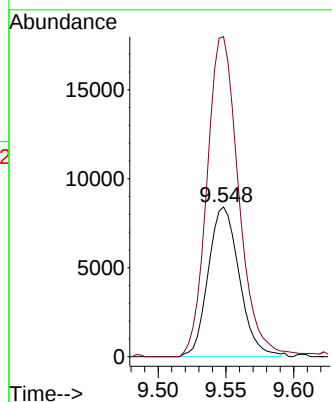
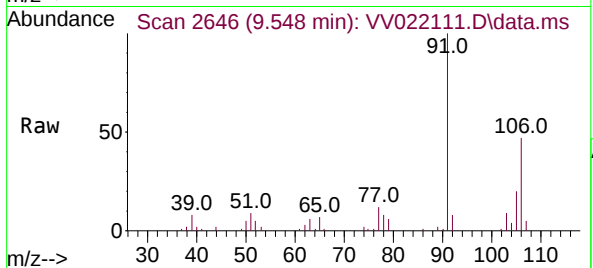
Acq: 07 Sep 2021 19:25

Tgt Ion:106 Resp: 13414

Ion Ratio Lower Upper

106 100

91 213.7 150.1 278.9



#55

Styrene

Concen: 0.981 ug/L

RT: 9.571 min Scan# 2653

Delta R.T. 0.010 min

Lab File: VV022111.D

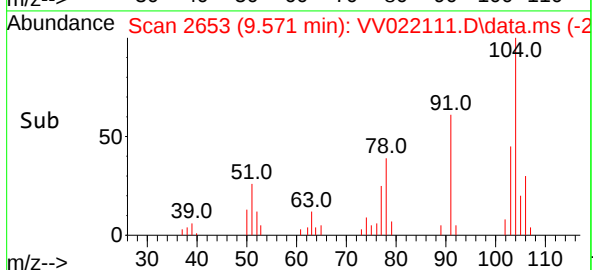
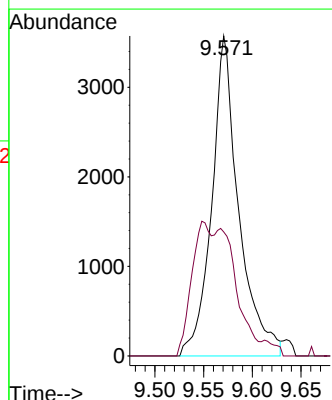
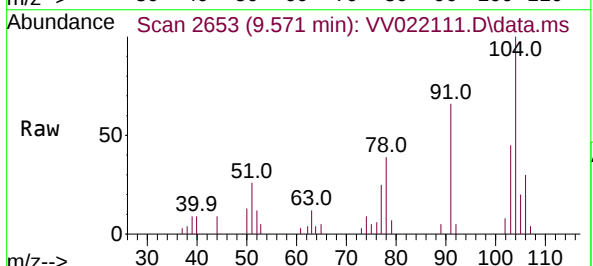
Acq: 07 Sep 2021 19:25

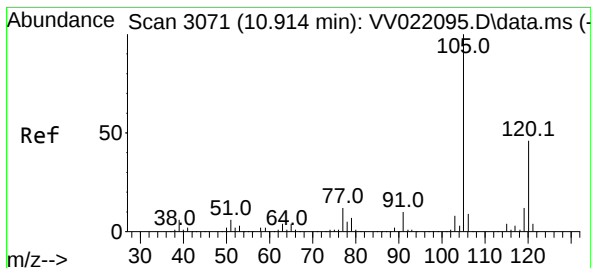
Tgt Ion:104 Resp: 6879

Ion Ratio Lower Upper

104 100

78 38.8 28.6 53.2





#63

1,2,4-Trimethylbenzene

Concen: 1.901 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV022111.D

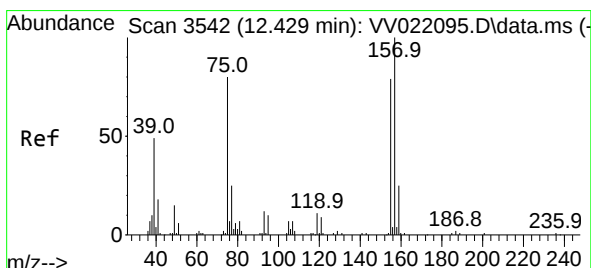
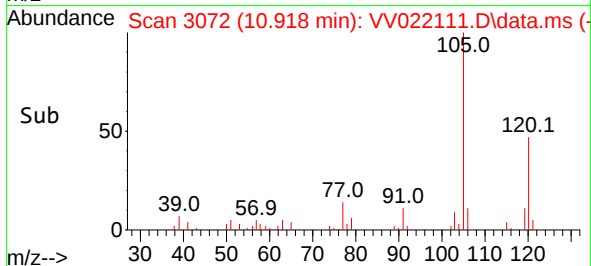
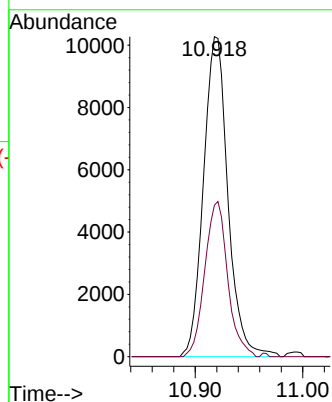
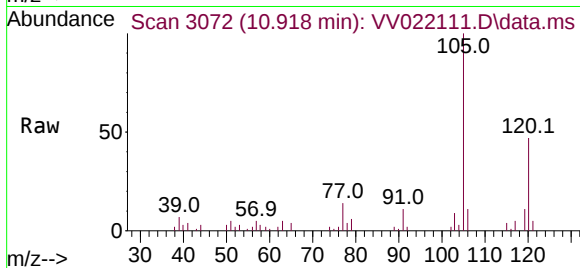
Acq: 07 Sep 2021 19:25

Tgt Ion:105 Resp: 16231

Ion Ratio Lower Upper

105 100

120 45.4 37.4 56.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.443 ug/L

RT: 12.468 min Scan# 3554

Delta R.T. 0.039 min

Lab File: VV022111.D

Acq: 07 Sep 2021 19:25

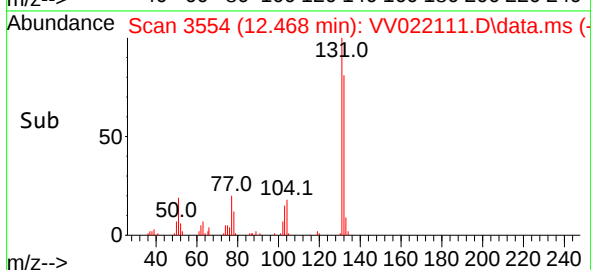
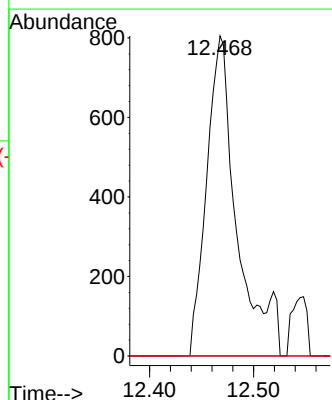
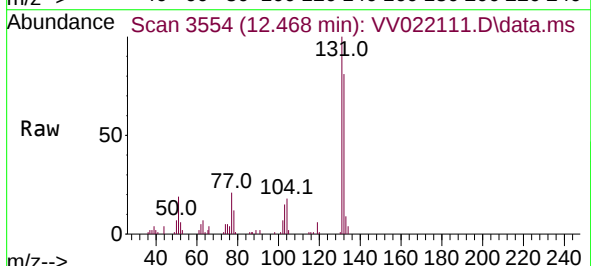
Tgt Ion: 75 Resp: 1625

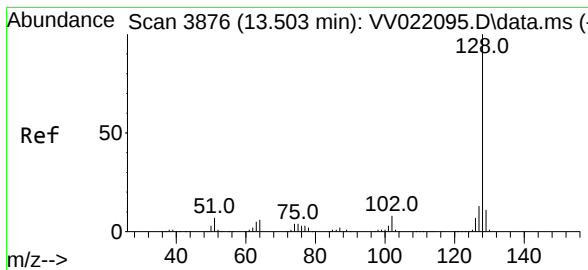
Ion Ratio Lower Upper

75 100

155 0.0 79.8 119.6#

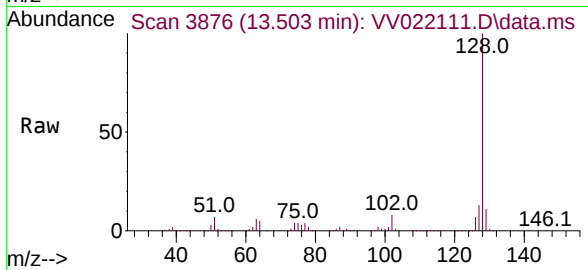
157 0.0 98.3 147.5#





#71
Naphthalene
Concen: 254.896 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022111.D
Acq: 07 Sep 2021 19:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2450484
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.7 13.1

