

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060421\
 Data File : VW021505.D
 Acq On : 04 Jun 2021 14:32
 Operator : SY/MD
 Sample : M2618-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 03:58:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	460301	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	430228	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	243779	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	109670	36.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.380%
7) Chloroethane-d5	1.567	69	84759	37.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.108	63	153924	29.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.440%#
21) 2-Butanone-d5	3.882	46	257639	118.555	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.560%
24) Chloroform-d	4.352	84	262380	43.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
26) 1,2-Dichloroethane-d4	5.033	65	162243	46.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
32) Benzene-d6	5.053	84	530753	44.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.072	67	172409	46.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.780%
41) Toluene-d8	7.316	98	499485	43.560	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.120%
43) trans-1,3-Dichloroprop...	7.622	79	87015	43.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.500%
47) 2-Hexanone-d5	8.088	63	187820	110.049	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.050%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	255937	49.606	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	231726	45.728	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.460%
Target Compounds						
					Qvalue	
13) Acetone	2.175	43	50620	27.072	ug/L #	85
29) Cyclohexane	4.680	56	28395	5.665	ug/L	98
33) Benzene	5.107	78	13844	1.124	ug/L	100
35) Methylcyclohexane	6.133	83	26646	4.959	ug/L	94
40) 4-Methyl-2-pentanone	7.233	43	24844	5.836	ug/L	99
42) Toluene	7.390	91	315589	23.102	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	3416	0.684	ug/L	83
45) 1,1,2-Trichloroethane	7.792	97	3118	0.978	ug/L #	21
52) Ethylbenzene	9.014	91	122480	8.163	ug/L	99
53) m,p-Xylene	9.136	106	371669	64.470	ug/L	99
54) o-Xylene	9.545	106	146035	25.655	ug/L	100
55) Styrene	9.545	104	7579	0.774	ug/L #	1
60) Isopropylbenzene	9.934	105	13530	0.896	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	143332	11.022	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	537408	40.908	ug/L	99
71) Naphthalene	13.506	128	74297	4.684	ug/L	99

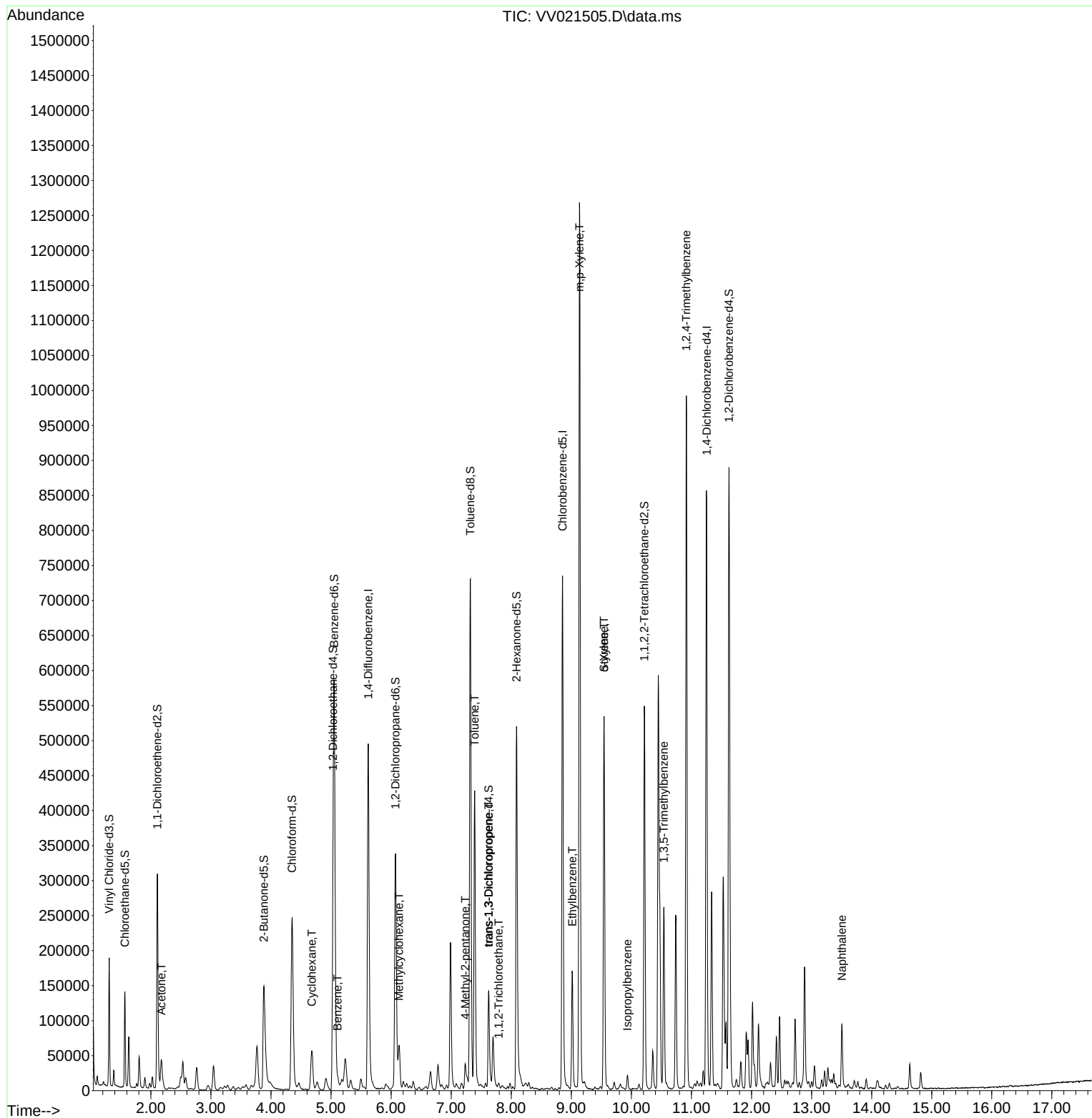
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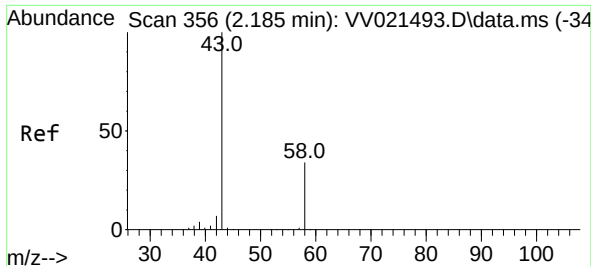
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
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QLast Update : Sat Jun 05 03:34:55 2021
Response via : Initial Calibration

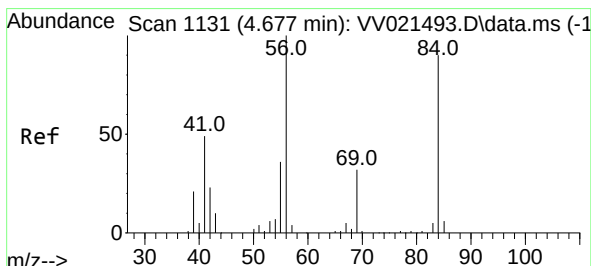
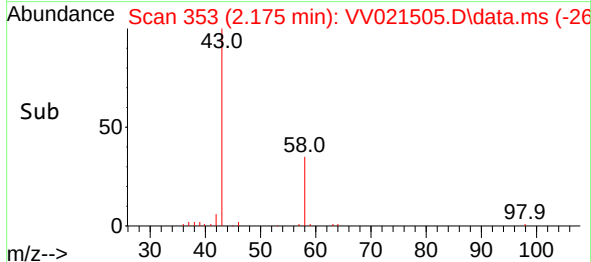
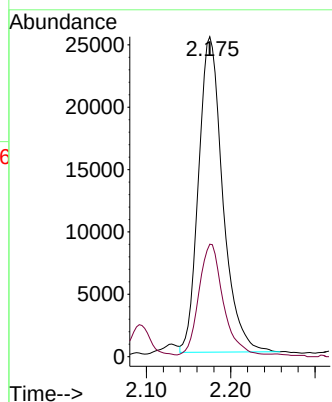
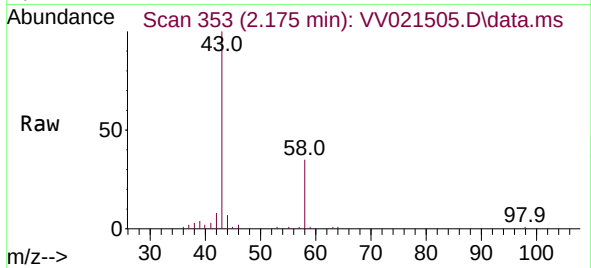




#13
Acetone
Concen: 27.072 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.010 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

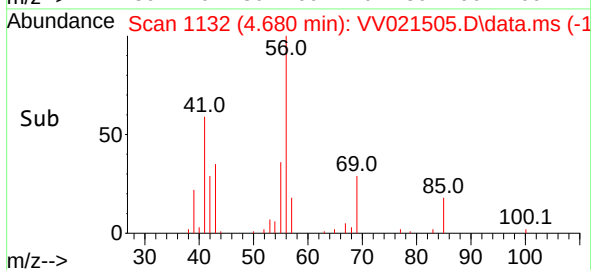
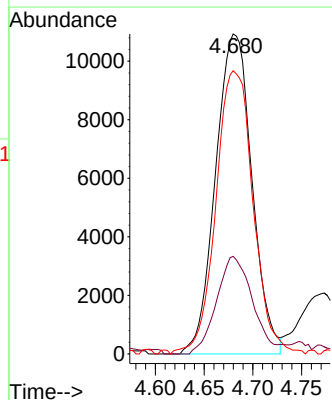
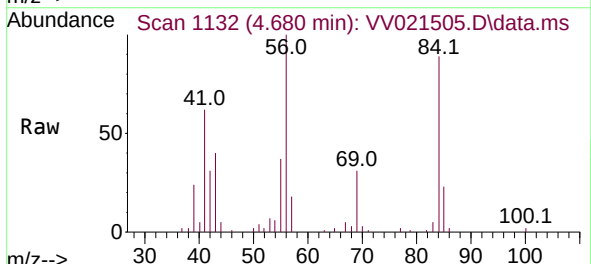
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MSVOA_V
ClientSampleId :

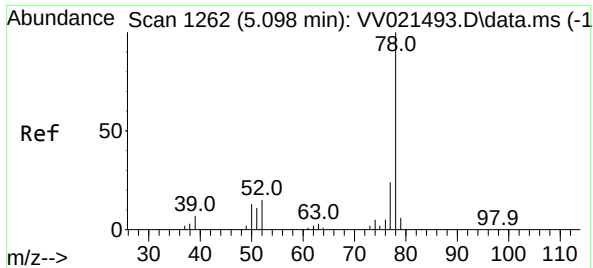
Tgt Ion: 43 Resp: 50620
Ion Ratio Lower Upper
43 100
58 35.3 0.0 0.2#



#29
Cyclohexane
Concen: 5.665 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

Tgt Ion: 56 Resp: 28395
Ion Ratio Lower Upper
56 100
69 29.9 24.9 37.3
84 90.3 73.7 110.5

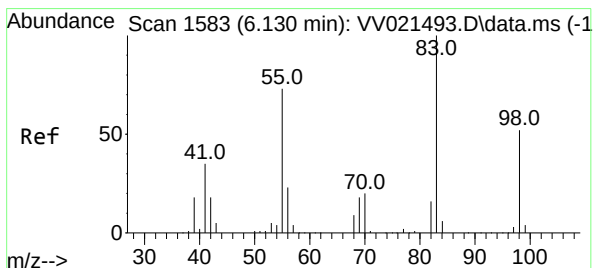
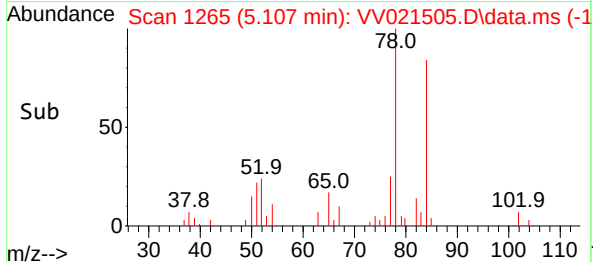
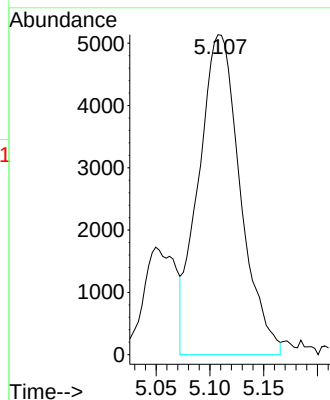
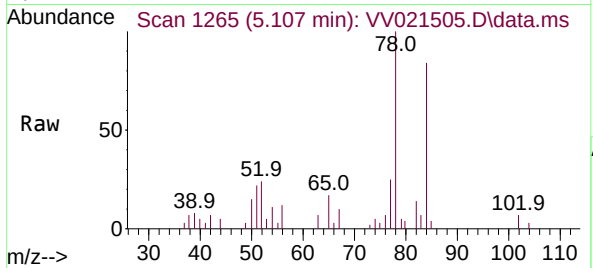




#33
Benzene
Concen: 1.124 ug/L
RT: 5.107 min Scan# 1265
Delta R.T. 0.009 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

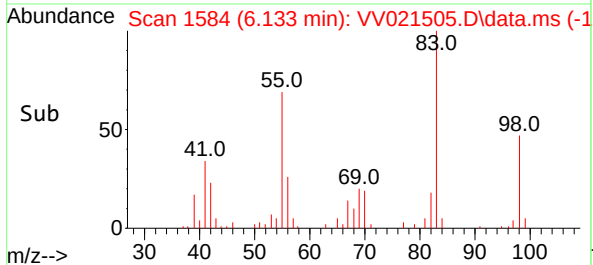
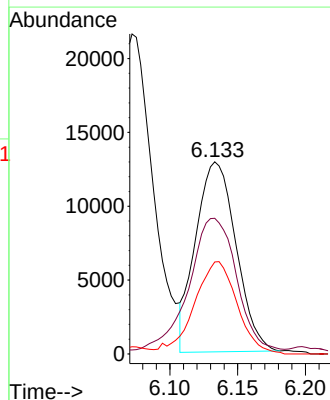
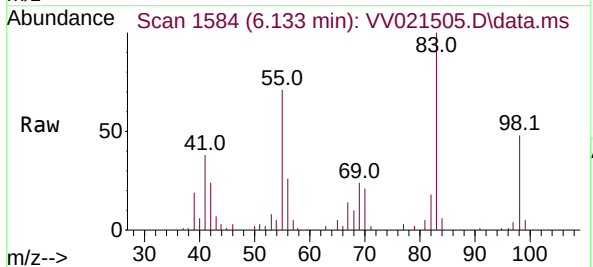
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ClientSampled :

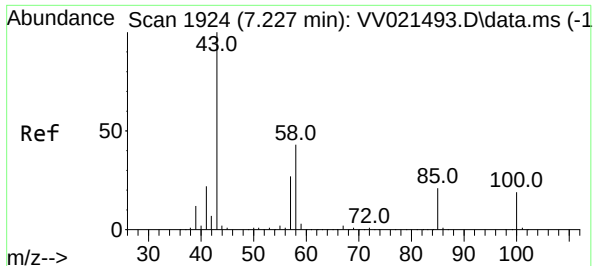
Tgt Ion: 78 Resp: 13844



#35
Methylcyclohexane
Concen: 4.959 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

Tgt Ion: 83 Resp: 26646
Ion Ratio Lower Upper
83 100
55 81.0 58.0 87.0
98 50.5 40.8 61.2





#40

4-Methyl-2-pentanone

Concen: 5.836 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV021505.D

Acq: 04 Jun 2021 14:32

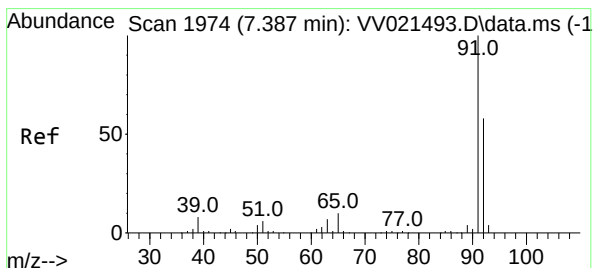
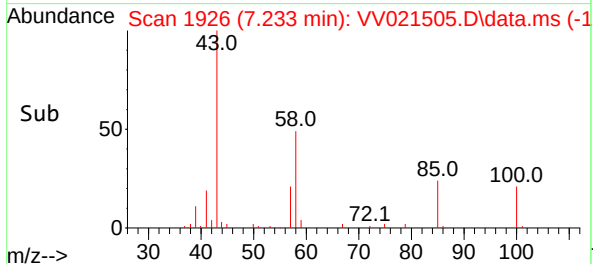
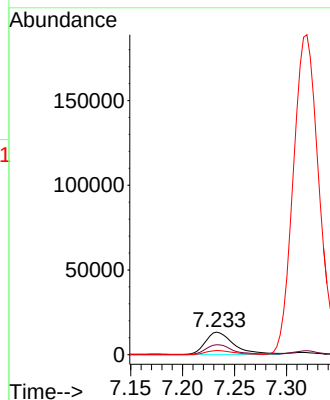
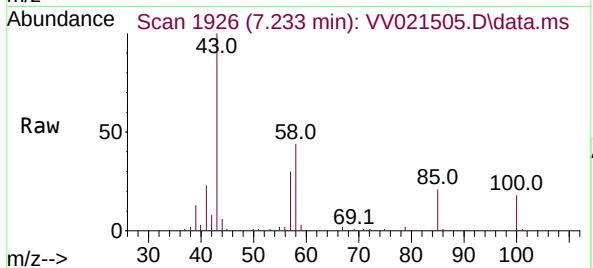
Tgt Ion: 43 Resp: 24844

Ion Ratio Lower Upper

43 100

58 42.5 33.5 50.3

100 18.7 14.8 22.2



#42

Toluene

Concen: 23.102 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021505.D

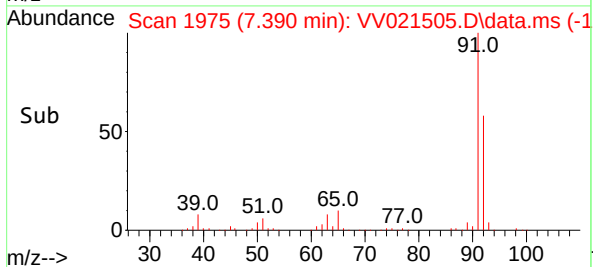
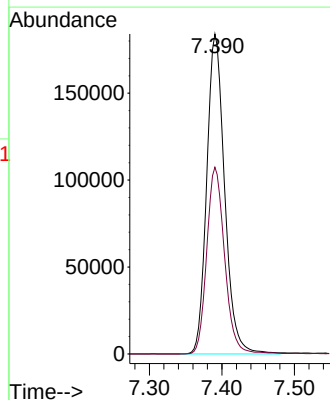
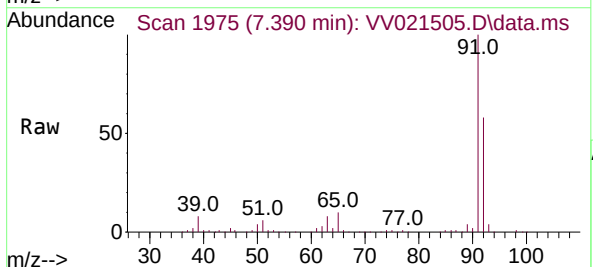
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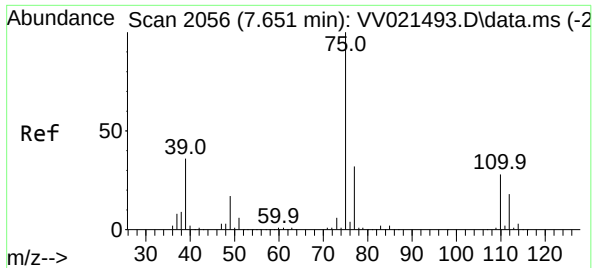
Tgt Ion: 91 Resp: 315589

Ion Ratio Lower Upper

91 100

92 58.4 40.9 75.9

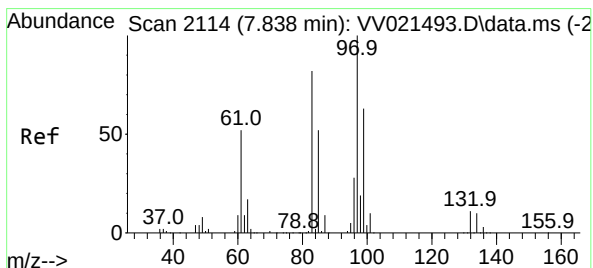
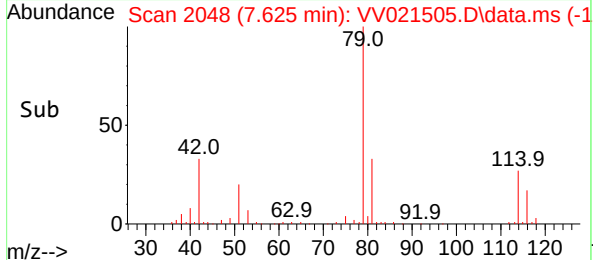
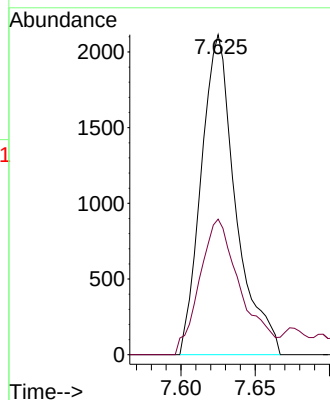
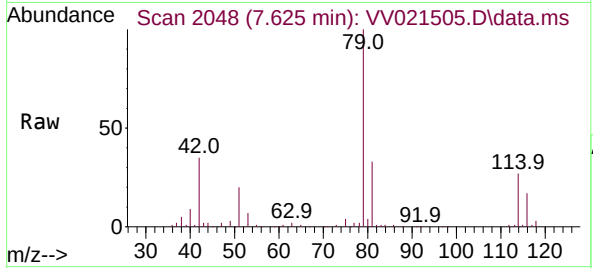




#44
trans-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

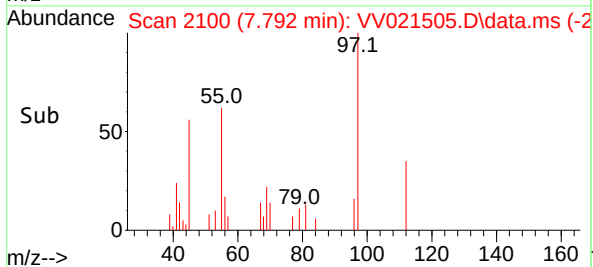
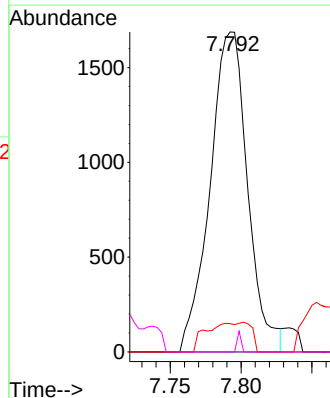
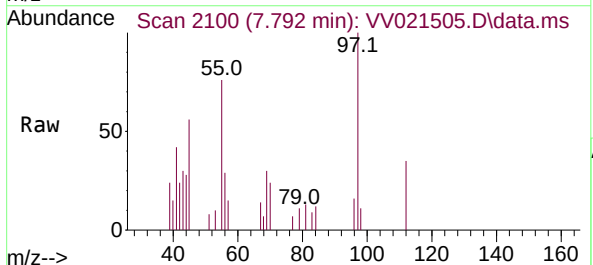
Instrument :
MSVOA_V
ClientSampled :

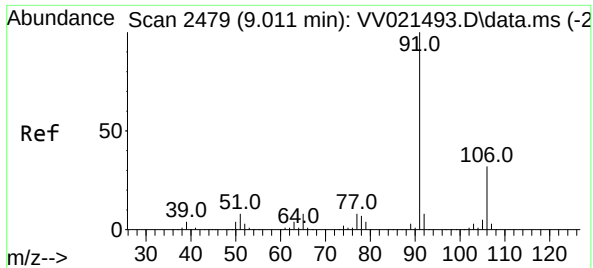
Tgt Ion: 75 Resp: 3416
Ion Ratio Lower Upper
75 100
77 42.4 22.9 42.5



#45
1,1,2-Trichloroethane
Concen: 0.978 ug/L
RT: 7.792 min Scan# 2100
Delta R.T. -0.045 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

Tgt Ion: 97 Resp: 3118
Ion Ratio Lower Upper
97 100
99 0.0 43.7 81.1#
83 8.8 57.1 106.1#
85 0.0 37.0 68.6#





#52

Ethylbenzene

Concen: 8.163 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021505.D

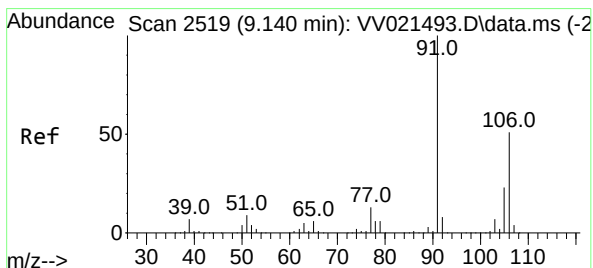
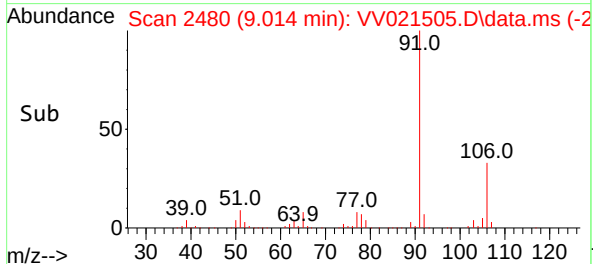
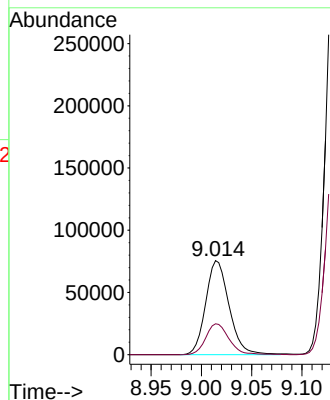
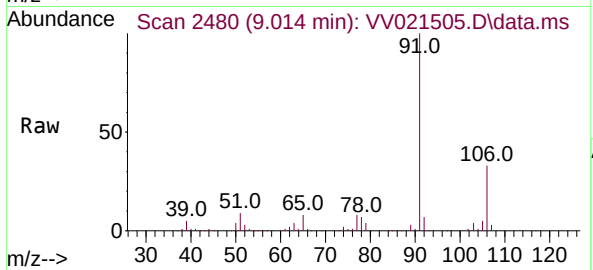
Acq: 04 Jun 2021 14:32

Tgt Ion: 91 Resp: 122480

Ion Ratio Lower Upper

91 100

106 32.8 22.4 41.6



#53

m,p-Xylene

Concen: 64.470 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.004 min

Lab File: VV021505.D

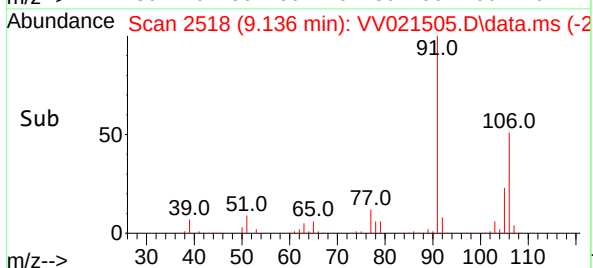
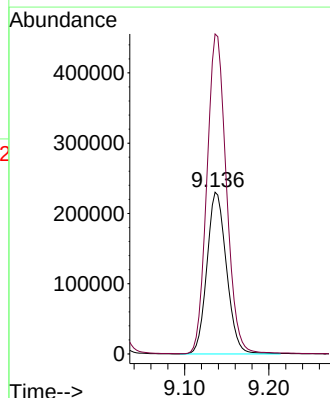
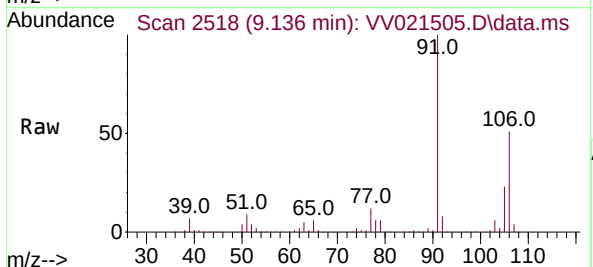
Acq: 04 Jun 2021 14:32

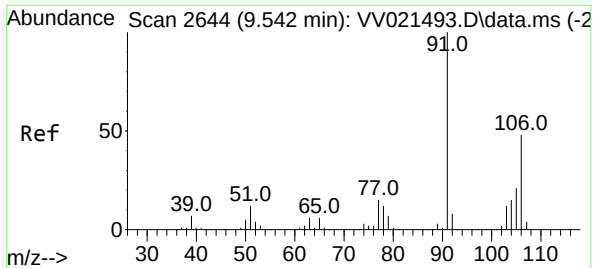
Tgt Ion: 106 Resp: 371669

Ion Ratio Lower Upper

106 100

91 197.8 139.4 258.8

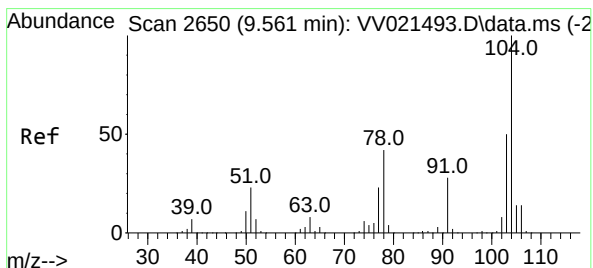
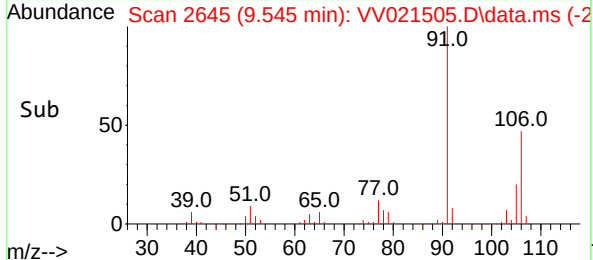
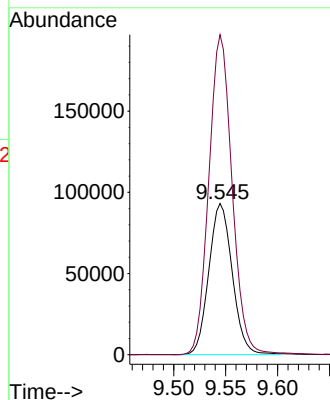
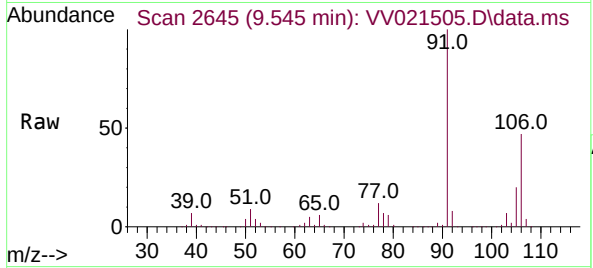




#54
o-Xylene
Concen: 25.655 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

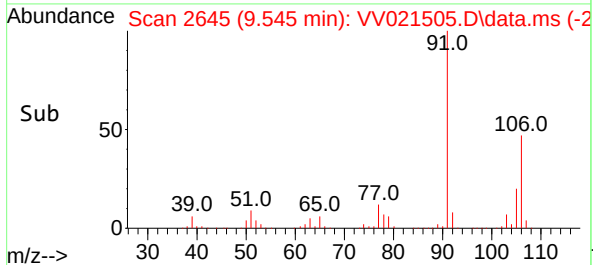
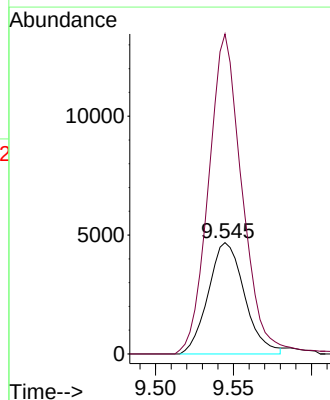
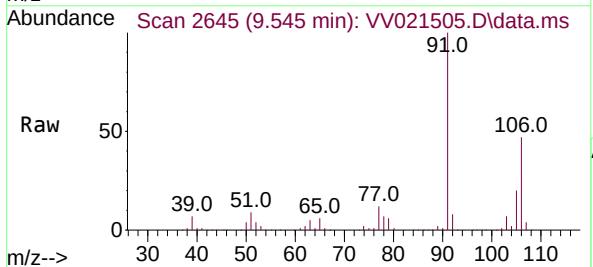
Instrument :
MSVOA_V
ClientSampled :

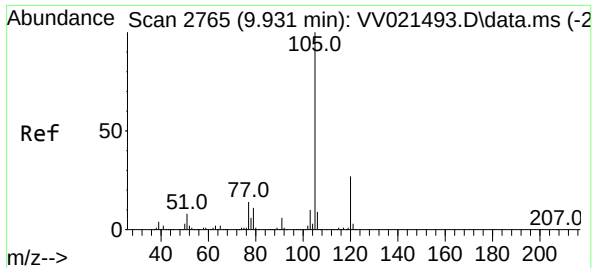
Tgt Ion:106 Resp: 146035
Ion Ratio Lower Upper
106 100
91 211.7 148.5 275.9



#55
Styrene
Concen: 0.774 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.016 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

Tgt Ion:104 Resp: 7579
Ion Ratio Lower Upper
104 100
78 287.5 30.3 56.3#

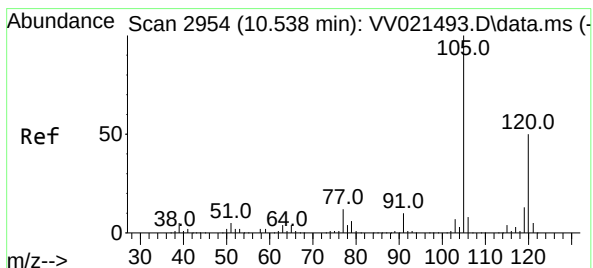
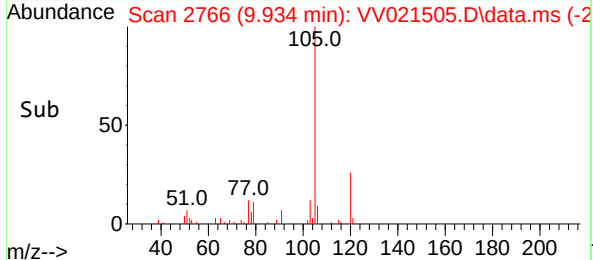
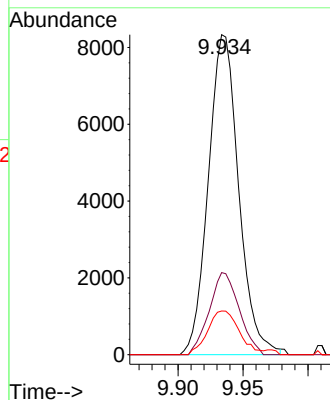
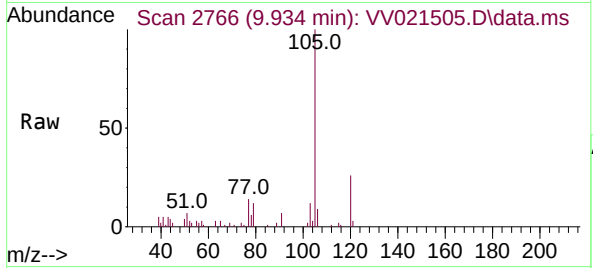




#60
Isopropylbenzene
Concen: 0.896 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

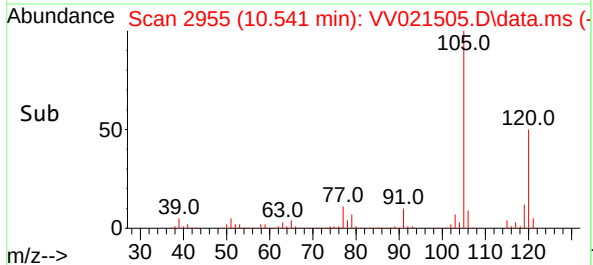
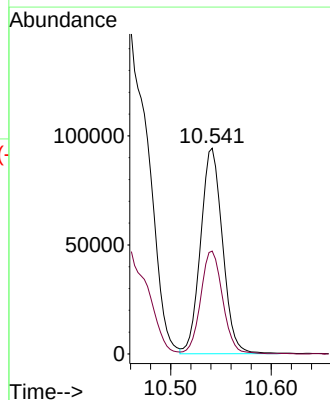
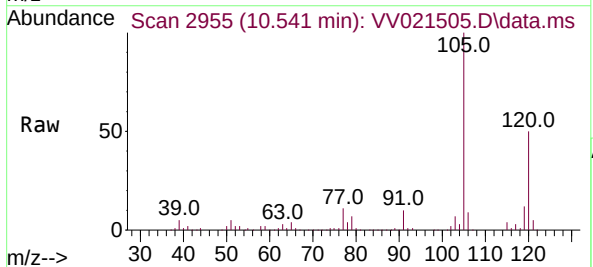
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MSVOA_V
ClientSampled :

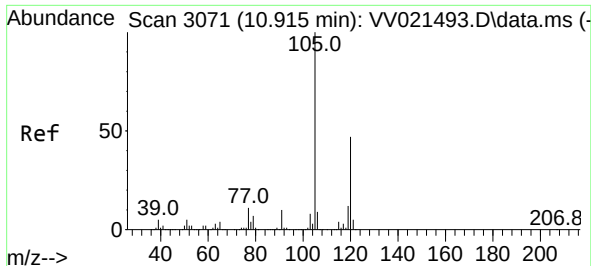
Tgt Ion:105	Resp:	13530
Ion Ratio	Lower	Upper
105	100	
120	25.2	21.7 32.5
77	14.2	11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 11.022 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

Tgt Ion:105	Resp:	143332
Ion Ratio	Lower	Upper
105	100	
120	50.1	40.1 60.1

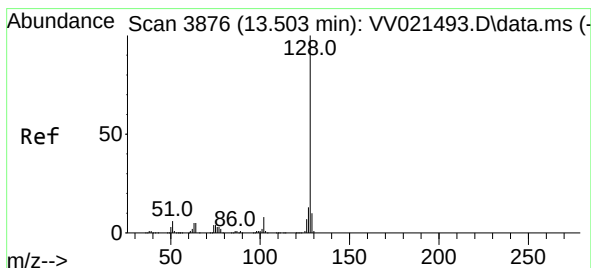
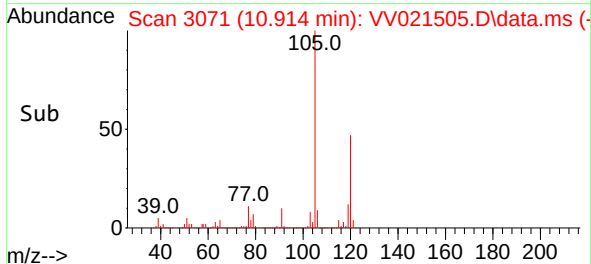
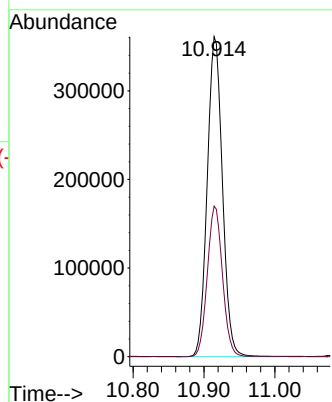
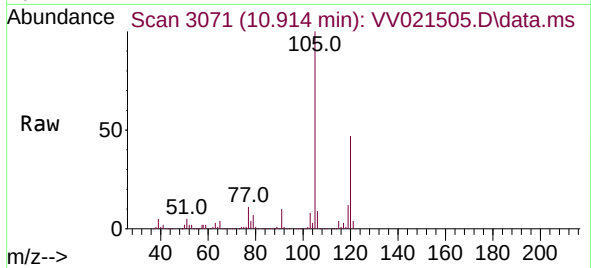




#63
1,2,4-Trimethylbenzene
Concen: 40.908 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 537408
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.4



#71
Naphthalene
Concen: 4.684 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021505.D
Acq: 04 Jun 2021 14:32

Tgt Ion:128 Resp: 74297
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.6 12.8

