

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023145.D
 Acq On : 02 Nov 2021 13:58
 Operator : SY/MD
 Sample : M4400-23
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG359

Quant Time: Nov 02 22:42:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 22:38:58 2021
 Response via : Initial Calibration

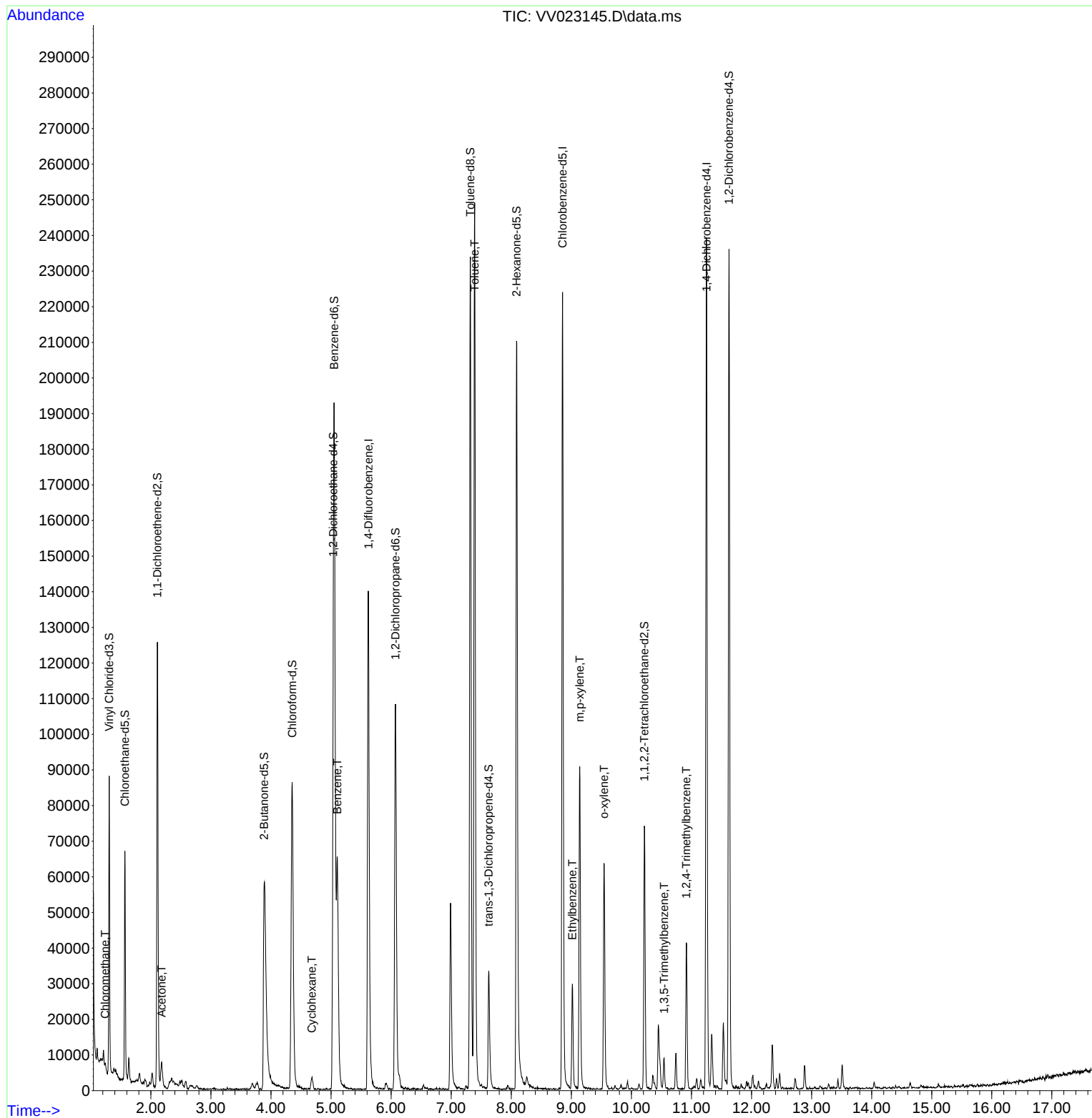
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	122628	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.854	117	126229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46553	4.344	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.568	69	37186	5.610	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.200%	
11) 1,1-Dichloroethene-d2	2.108	63	64243	4.156	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.886	46	85948	50.001	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.000%	
24) Chloroform-d	4.352	84	91251	5.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.037	65	43303	5.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.053	84	178153	4.834	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.072	67	52837	4.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.317	98	153588	4.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	19534	4.914	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.088	63	69066	46.931	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.860%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35597	4.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	60809	5.335	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1073	0.128	ug/L #	78
13) Acetone	2.179	43	9170	10.873	ug/L	87
30) Cyclohexane	4.680	56	1545	0.124	ug/L #	94
33) Benzene	5.105	78	66256	1.950	ug/L	100
42) Toluene	7.391	91	184398	5.357	ug/L	97
52) Ethylbenzene	9.018	91	20778	0.608	ug/L	99
53) m,p-xylene	9.140	106	26649	1.945	ug/L	98
54) o-xylene	9.545	106	17158	1.330	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	4777	0.184	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	21999	0.849	ug/L	99

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

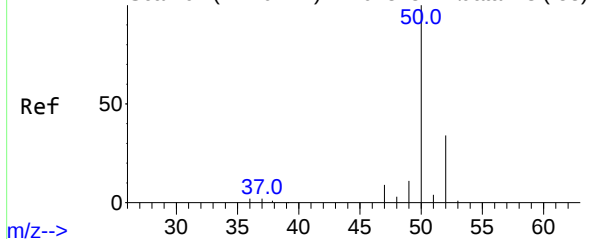
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QLast Update : Tue Nov 02 22:38:58 2021
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV023134.D\data.ms (-53)



#3

Chloromethane

Concen: 0.128 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV023145.D

Acq: 02 Nov 2021 13:58

Instrument :

MSVOA_V

ClientSampleId :

BG359

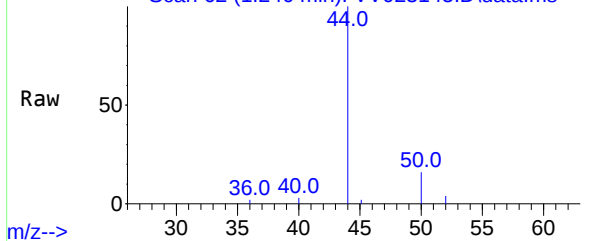
Tgt Ion: 50 Resp: 1073

Ion Ratio Lower Upper

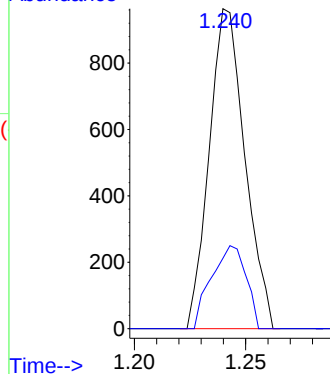
50 100

52 22.0 24.3 45.1#

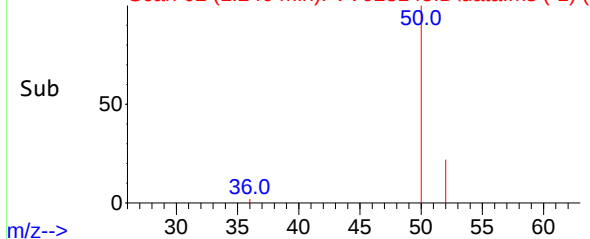
Abundance Scan 62 (1.240 min): VV023145.D\data.ms



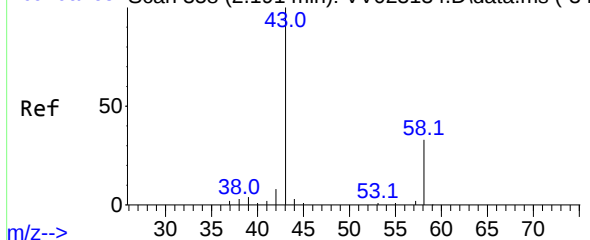
Abundance



Abundance Scan 62 (1.240 min): VV023145.D\data.ms (-1)



Abundance Scan 358 (2.191 min): VV023134.D\data.ms (-34)



#13

Acetone

Concen: 10.873 ug/L

RT: 2.179 min Scan# 354

Delta R.T. -0.013 min

Lab File: VV023145.D

Acq: 02 Nov 2021 13:58

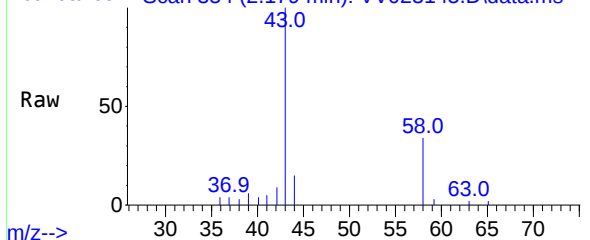
Tgt Ion: 43 Resp: 9170

Ion Ratio Lower Upper

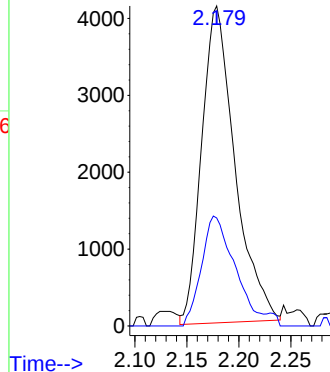
43 100

58 34.7 0.0 55.4

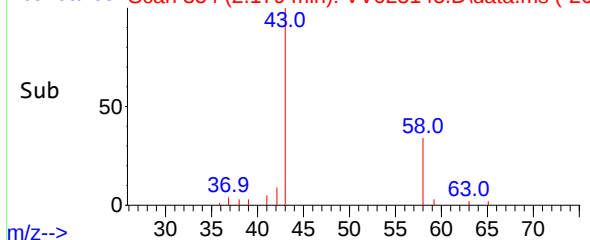
Abundance Scan 354 (2.179 min): VV023145.D\data.ms

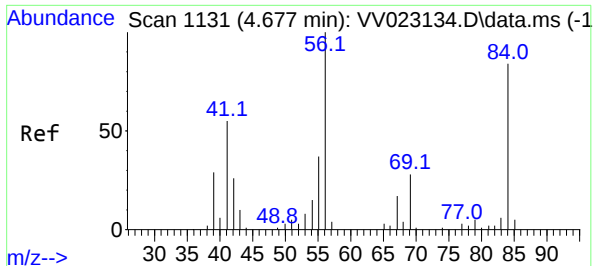


Abundance



Abundance Scan 354 (2.179 min): VV023145.D\data.ms (-26)

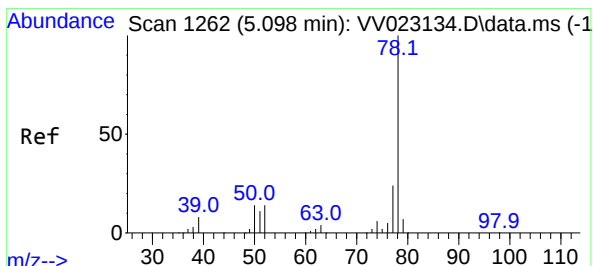
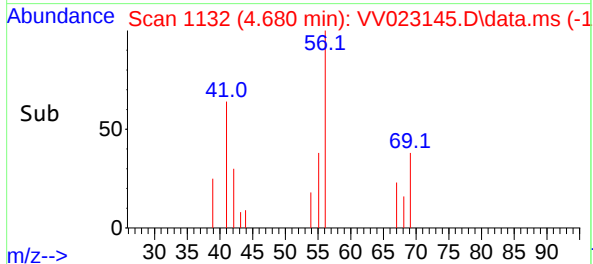
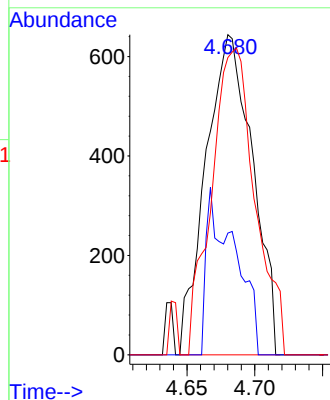
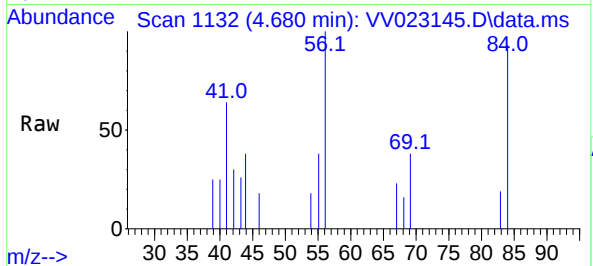




#30
Cyclohexane
Concen: 0.124 ug/L
RT: 4.680 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023145.D
Acq: 02 Nov 2021 13:58

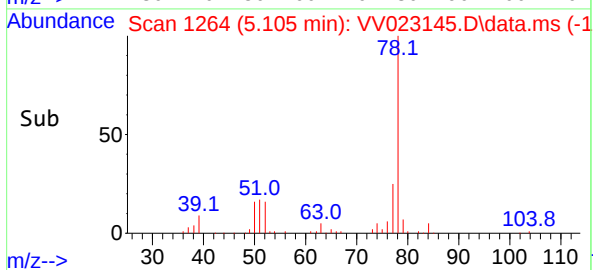
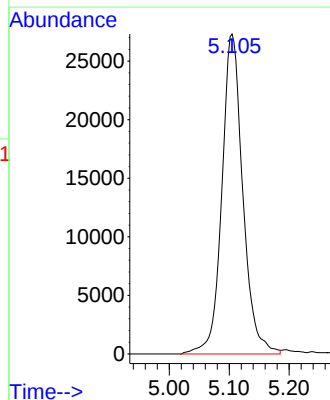
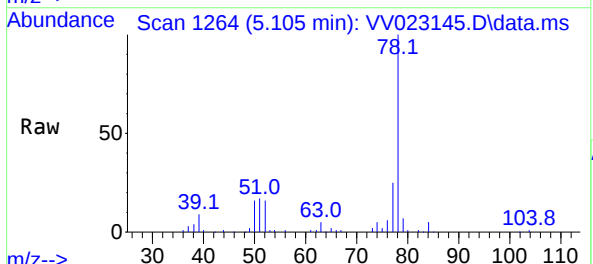
Instrument :
MSVOA_V
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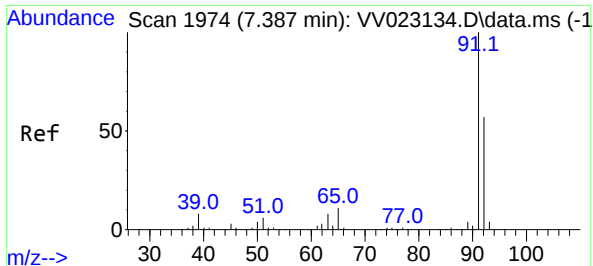
Tgt Ion: 56 Resp: 1545
Ion Ratio Lower Upper
56 100
69 15.7 23.5 35.3#
84 89.7 71.6 107.4



#33
Benzene
Concen: 1.950 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV023145.D
Acq: 02 Nov 2021 13:58

Tgt Ion: 78 Resp: 66256





#42

Toluene

Concen: 5.357 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023145.D

Acq: 02 Nov 2021 13:58

Instrument :

MSVOA_V

ClientSampleId :

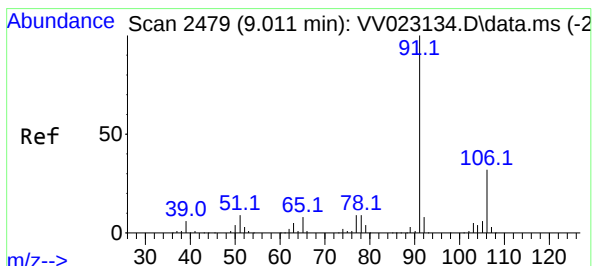
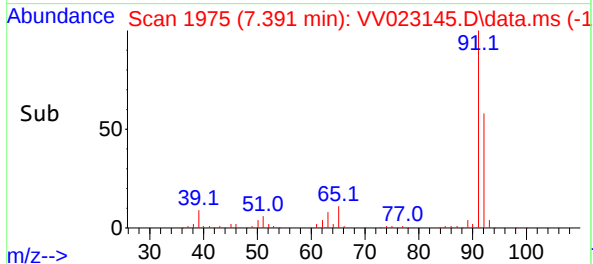
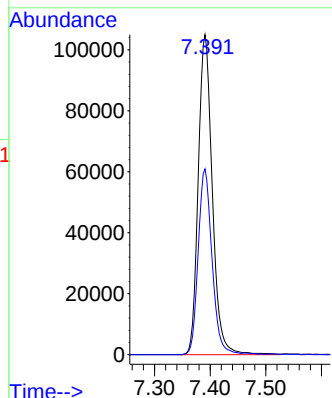
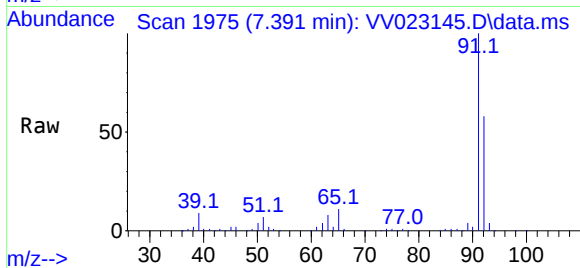
BG359

Tgt Ion: 91 Resp: 184398

Ion Ratio Lower Upper

91 100

92 58.1 39.3 72.9



#52

Ethylbenzene

Concen: 0.608 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.007 min

Lab File: VV023145.D

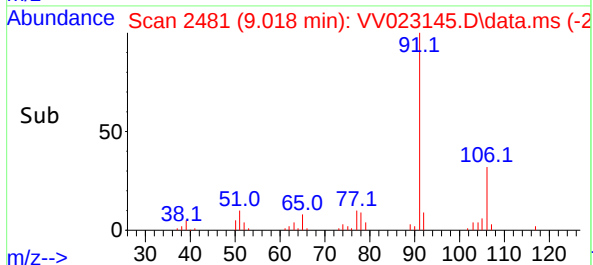
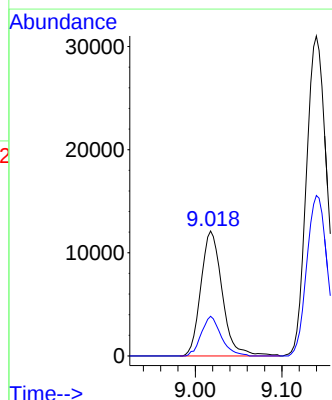
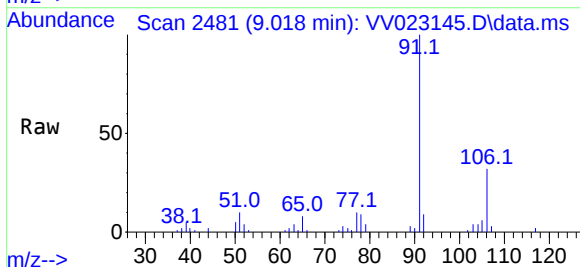
Acq: 02 Nov 2021 13:58

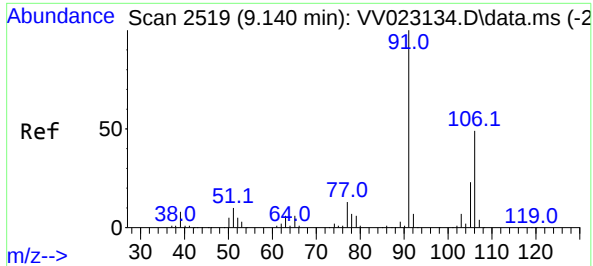
Tgt Ion: 91 Resp: 20778

Ion Ratio Lower Upper

91 100

106 31.8 22.5 41.9

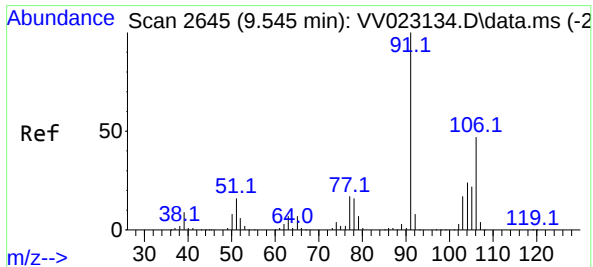
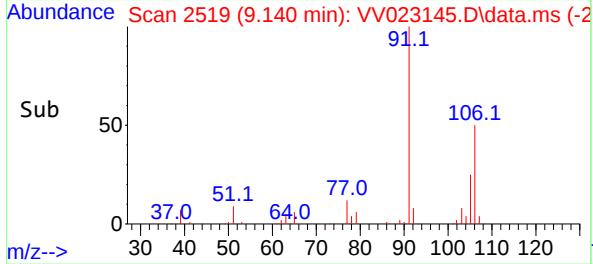
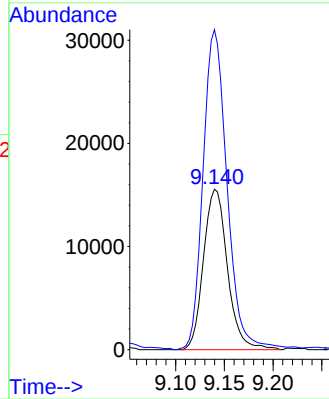
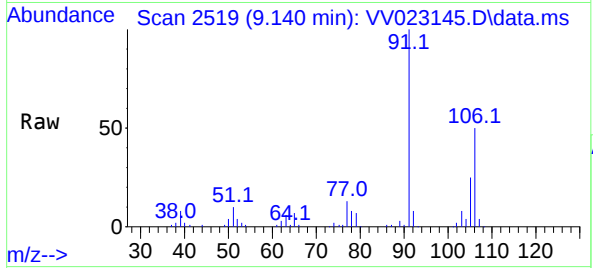




#53
m,p-xylene
Concen: 1.945 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023145.D
Acq: 02 Nov 2021 13:58

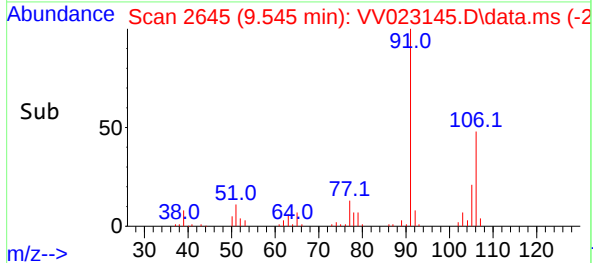
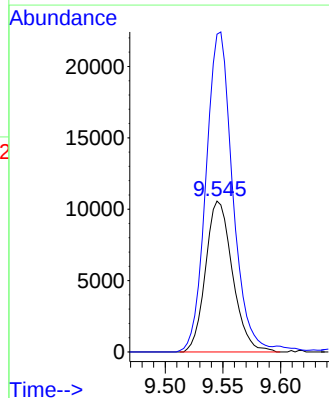
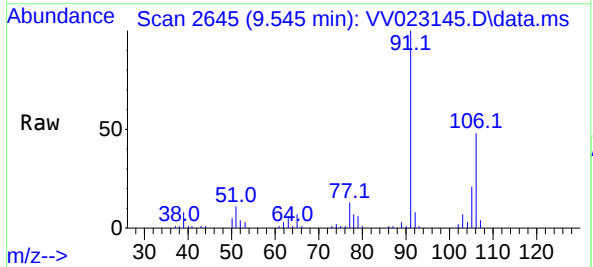
Instrument :
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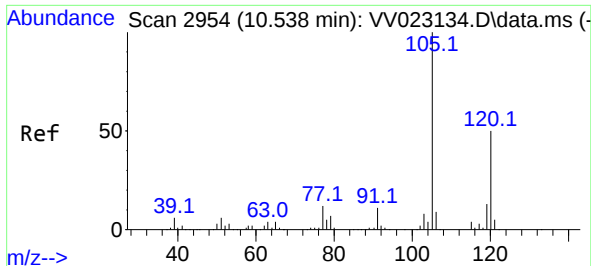
Tgt Ion:106 Resp: 26649
Ion Ratio Lower Upper
106 100
91 199.4 137.2 254.8



#54
o-xylene
Concen: 1.330 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023145.D
Acq: 02 Nov 2021 13:58

Tgt Ion:106 Resp: 17158
Ion Ratio Lower Upper
106 100
91 210.5 148.3 275.5

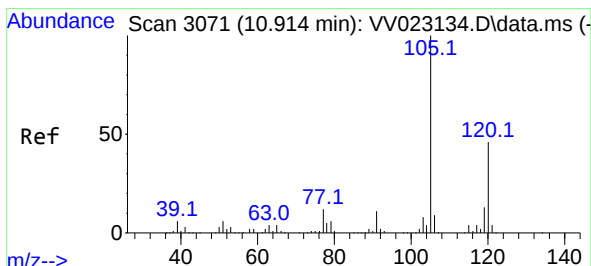
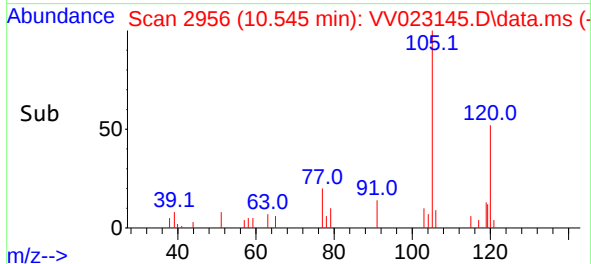
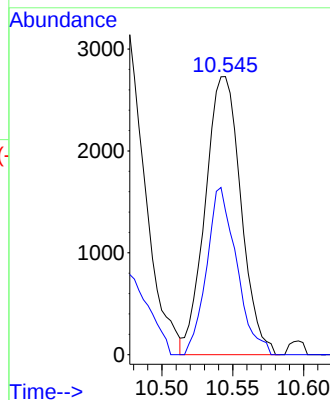
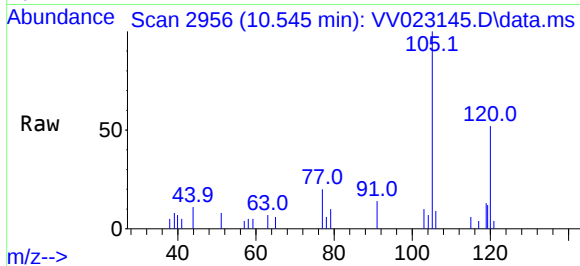




#62
 1,3,5-Trimethylbenzene
 Concen: 0.184 ug/L
 RT: 10.545 min Scan# 2954
 Delta R.T. 0.007 min
 Lab File: VV023145.D
 Acq: 02 Nov 2021 13:58

Instrument :
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Tgt Ion:105 Resp: 4777
 Ion Ratio Lower Upper
 105 100
 120 50.6 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.849 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023145.D
 Acq: 02 Nov 2021 13:58

Tgt Ion:105 Resp: 21999
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.4 56.2

