

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021144.D
 Acq On : 05 Dec 2021 03:02
 Operator : SY/VA
 Sample : M4886-03RE
 Misc : 4.10g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M9RE

Quant Time: Dec 06 04:29:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

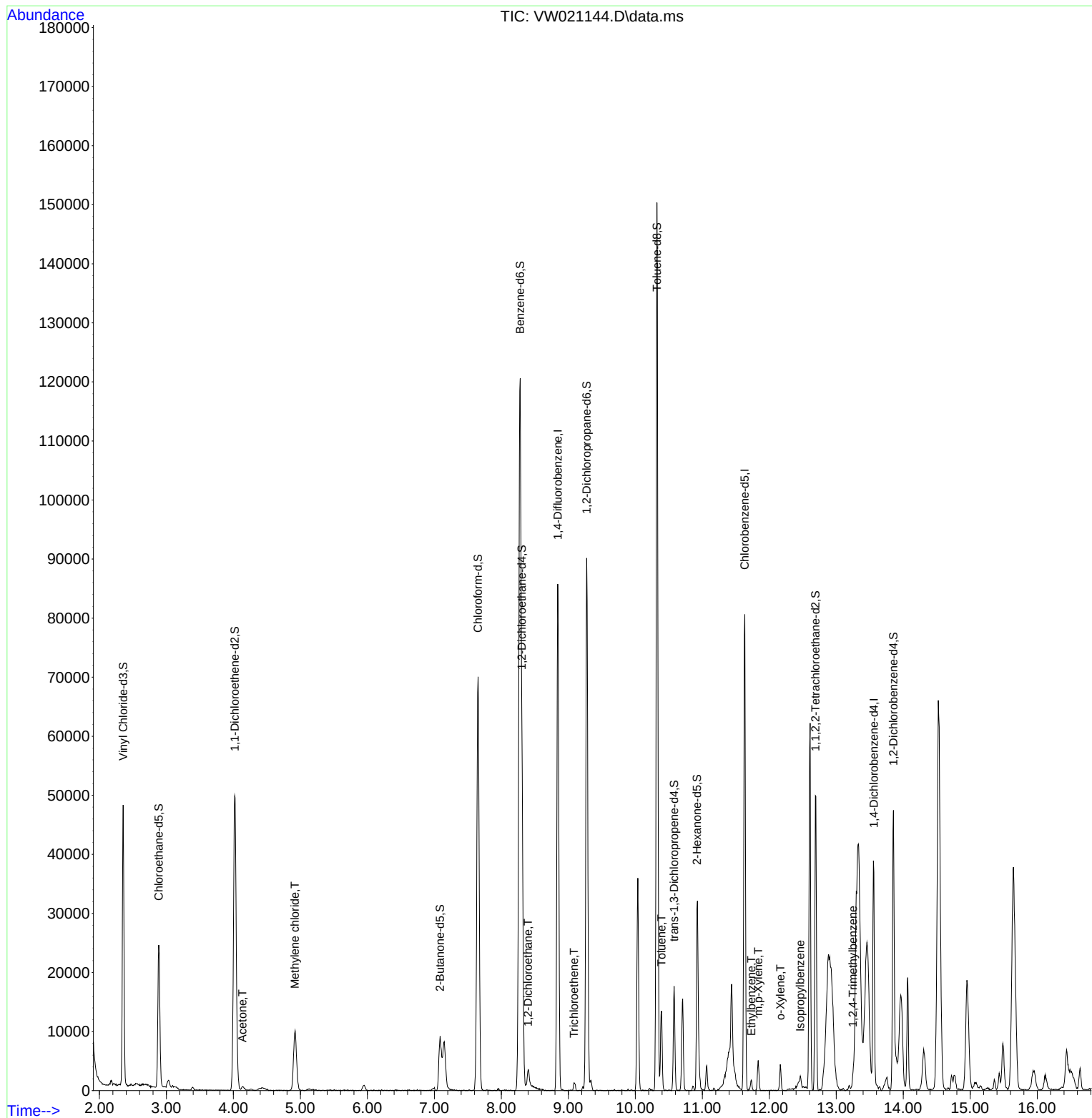
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	71970	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	45407	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	10624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44277	44.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 176.640%#	
7) Chloroethane-d5	2.885	69	27831	41.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 165.840%#	
11) 1,1-Dichloroethene-d2	4.019	63	46911	29.285	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 117.120%#	
21) 2-Butanone-d5	7.086	46	14702	64.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 128.560%	
24) Chloroform-d	7.653	84	69725	38.685	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 154.720%#	
26) 1,2-Dichloroethane-d4	8.305	65	37257	37.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 151.120%#	
32) Benzene-d6	8.281	84	120157	51.754	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 207.000%#	
36) 1,2-Dichloropropane-d6	9.274	67	37464	58.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 232.280%#	
41) Toluene-d8	10.323	98	96940	40.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 162.880%#	
43) trans-1,3-Dichloroprop...	10.579	79	9018	30.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 123.120%	
47) 2-Hexanone-d5	10.921	63	10441	84.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 169.160%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	22478	37.658	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 150.640%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	11924	31.325	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 125.280%#	
Target Compounds						
						Qvalue
13) Acetone	4.135	43	1368	6.566	ug/L	69
16) Methylene chloride	4.915	84	7699	6.790	ug/L	80
27) 1,2-Dichloroethane	8.397	62	2530	2.185	ug/L	99
34) Trichloroethene	9.085	95	447	0.627	ug/L	93
42) Toluene	10.390	91	10108	3.427	ug/L	95
52) Ethylbenzene	11.731	91	1588	0.478	ug/L	90
53) m,p-Xylene	11.835	106	1487	1.083	ug/L	92
54) o-Xylene	12.164	106	1225	0.946	ug/L	97
60) Isopropylbenzene	12.463	105	820	0.555	ug/L	# 86
63) 1,2,4-Trimethylbenzene	13.249	105	1149	0.924	ug/L	92

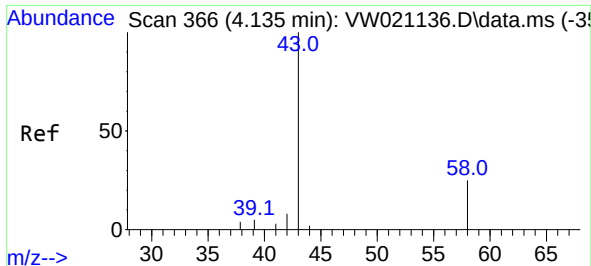
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.566 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW021144.D

Acq: 05 Dec 2021 03:02

Instrument :

MSVOA_W

ClientSampleId :

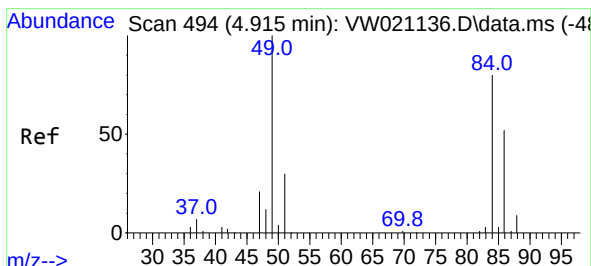
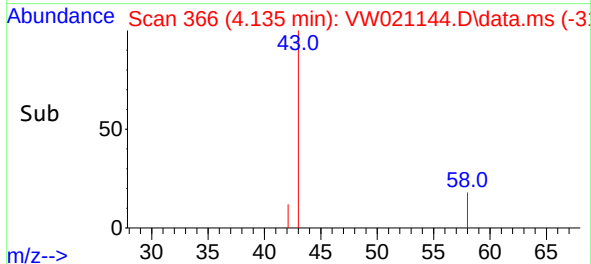
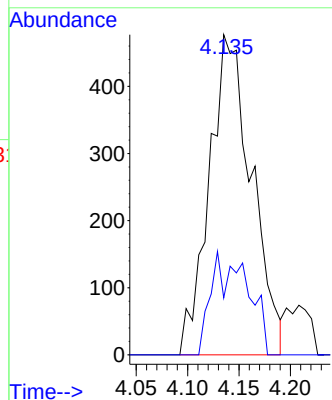
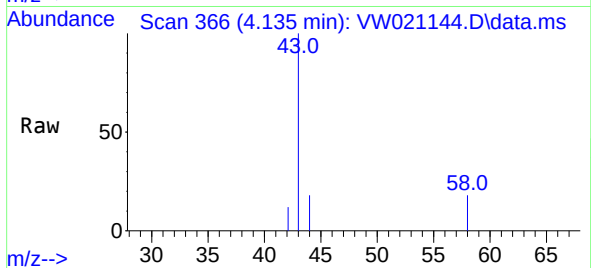
EW9M9RE

Tgt Ion: 43 Resp: 1368

Ion Ratio Lower Upper

43 100

58 10.5 0.0 52.8



#16

Methylene chloride

Concen: 6.790 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.000 min

Lab File: VW021144.D

Acq: 05 Dec 2021 03:02

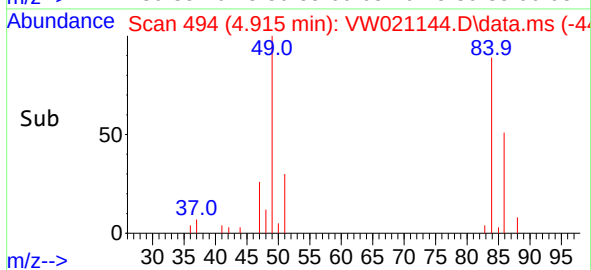
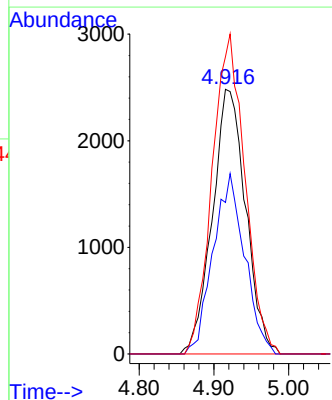
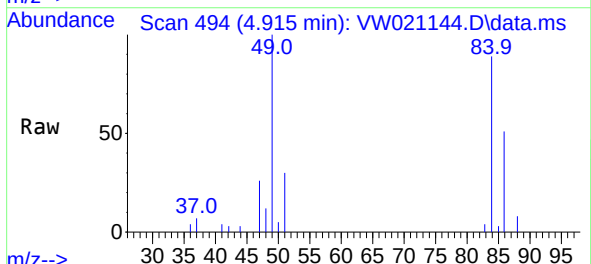
Tgt Ion: 84 Resp: 7699

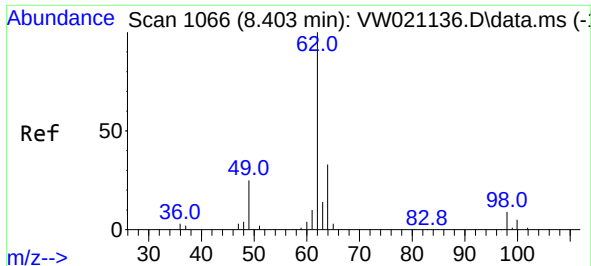
Ion Ratio Lower Upper

84 100

86 57.3 45.5 84.5

49 112.3 100.5 186.7





#27

1,2-Dichloroethane

Concen: 2.185 ug/L

RT: 8.397 min Scan# 110

Delta R.T. -0.006 min

Lab File: VW021144.D

Acq: 05 Dec 2021 03:02

Instrument :

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ClientSampleId :

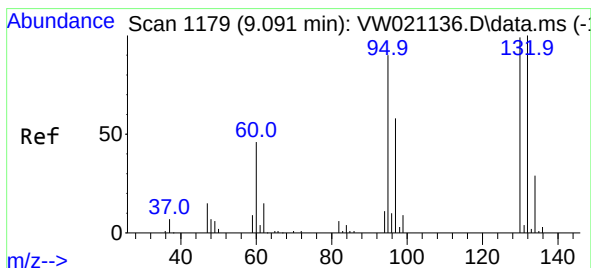
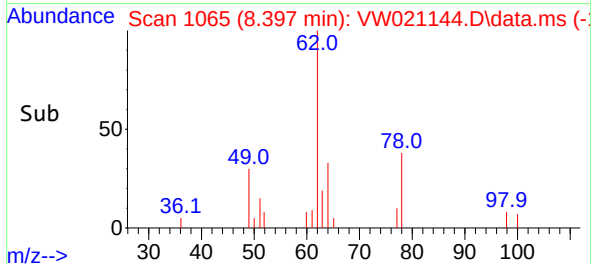
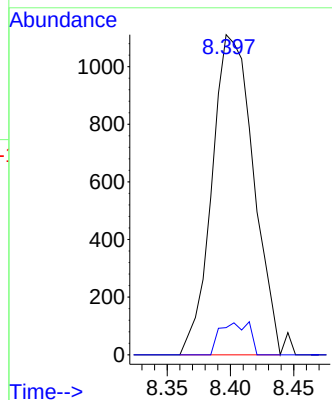
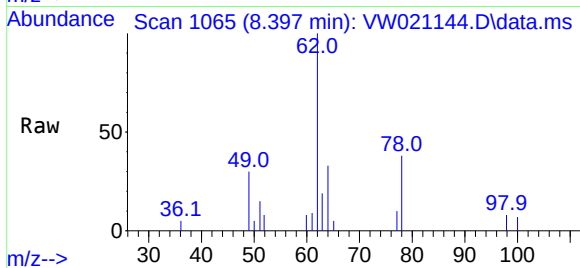
EW9M9RE

Tgt Ion: 62 Resp: 2530

Ion Ratio Lower Upper

62 100

98 8.5 6.5 9.7



#34

Trichloroethene

Concen: 0.627 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW021144.D

Acq: 05 Dec 2021 03:02

Tgt Ion: 95 Resp: 447

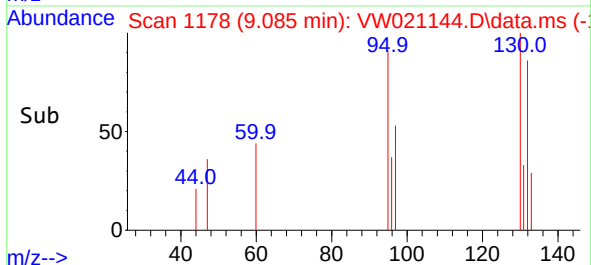
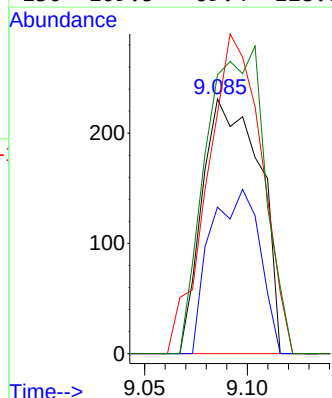
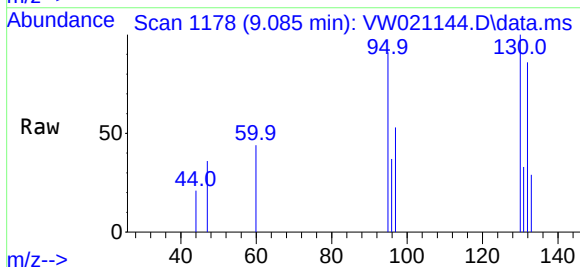
Ion Ratio Lower Upper

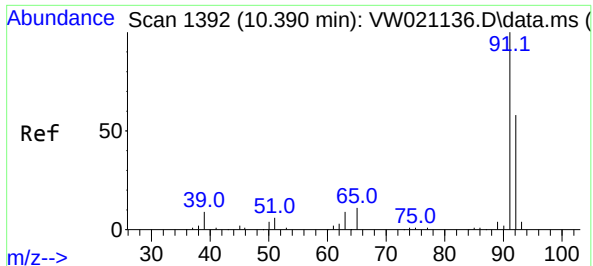
95 100

97 57.6 47.0 87.2

132 94.4 65.5 121.6

130 109.5 69.4 128.8





#42

Toluene

Concen: 3.427 ug/L

RT: 10.390 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021144.D

Acq: 05 Dec 2021 03:02

Instrument :

MSVOA_W

ClientSampleId :

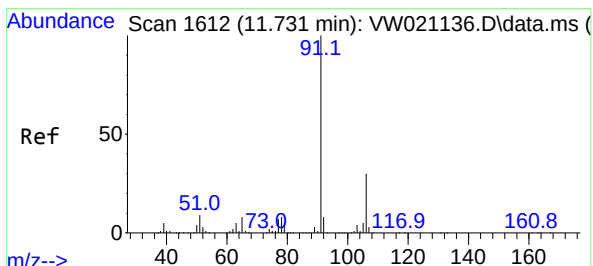
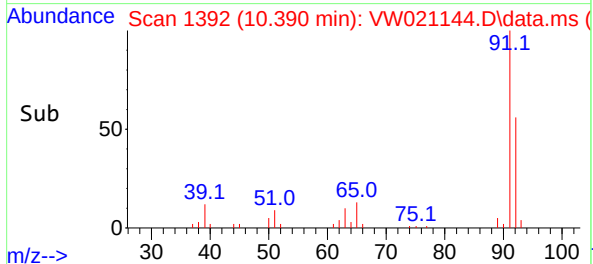
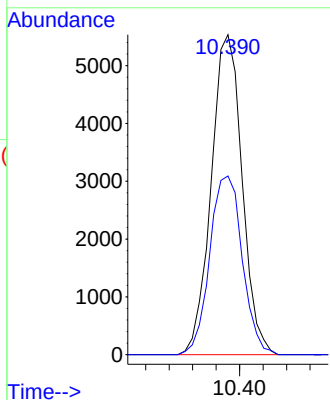
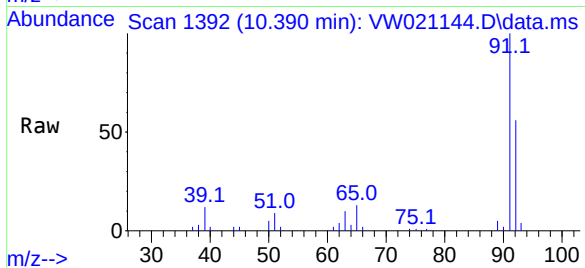
EW9M9RE

Tgt Ion: 91 Resp: 10108

Ion Ratio Lower Upper

91 100

92 55.8 41.7 77.5



#52

Ethylbenzene

Concen: 0.478 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021144.D

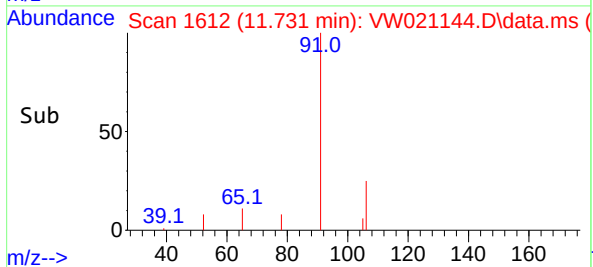
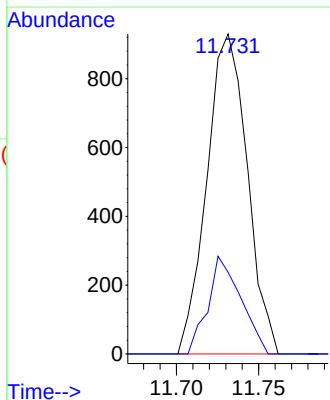
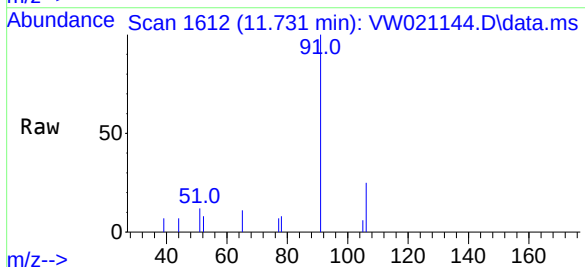
Acq: 05 Dec 2021 03:02

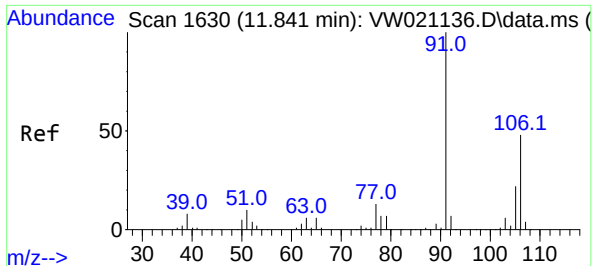
Tgt Ion: 91 Resp: 1588

Ion Ratio Lower Upper

91 100

106 25.5 21.5 39.9

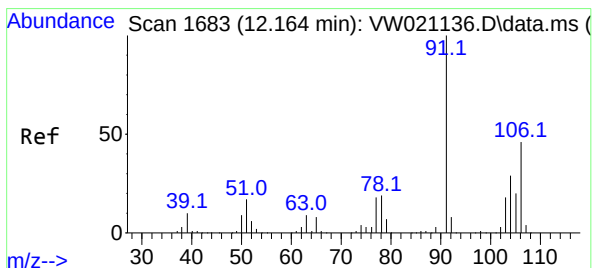
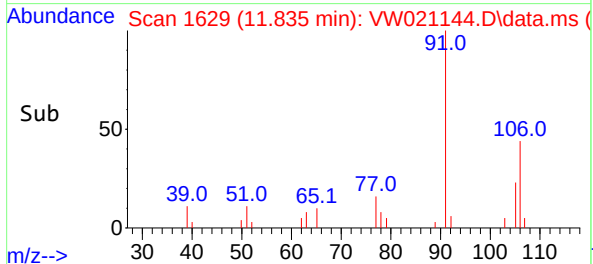
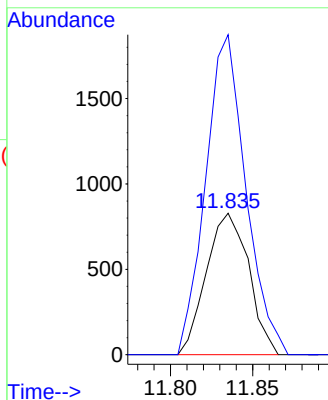
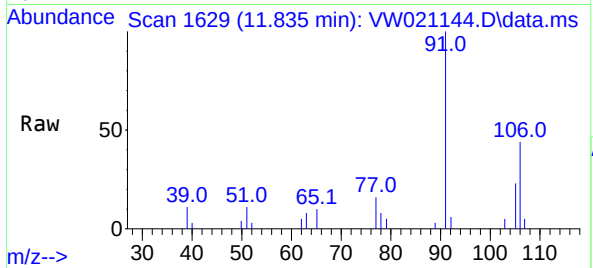




#53
m,p-Xylene
Concen: 1.083 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021144.D
Acq: 05 Dec 2021 03:02

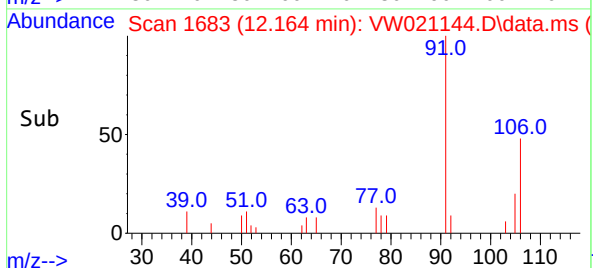
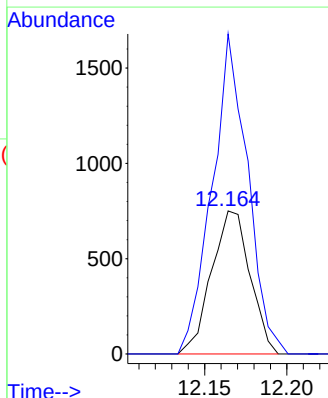
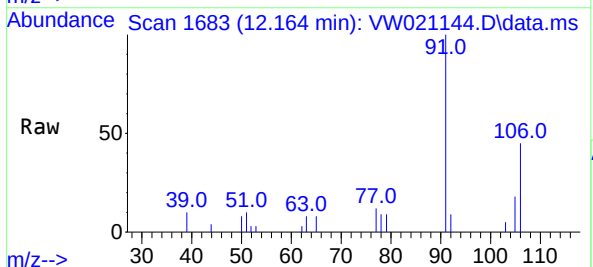
Instrument :
MSVOA_W
ClientSampleId :
EW9M9RE

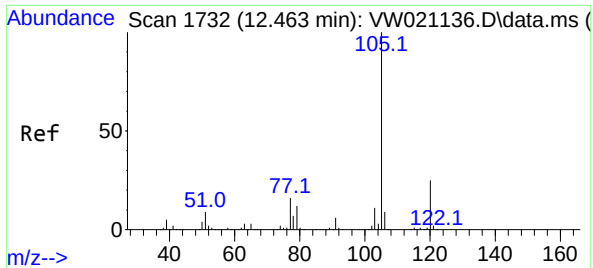
Tgt Ion:106 Resp: 1487
Ion Ratio Lower Upper
106 100
91 226.3 149.9 278.3



#54
o-Xylene
Concen: 0.946 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021144.D
Acq: 05 Dec 2021 03:02

Tgt Ion:106 Resp: 1225
Ion Ratio Lower Upper
106 100
91 223.6 153.6 285.3

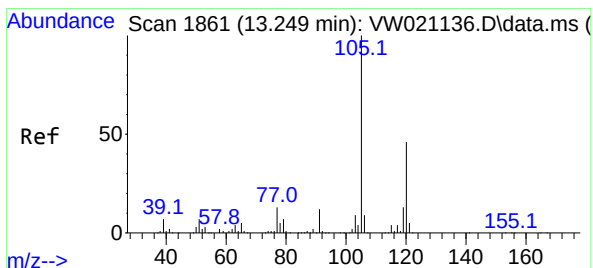
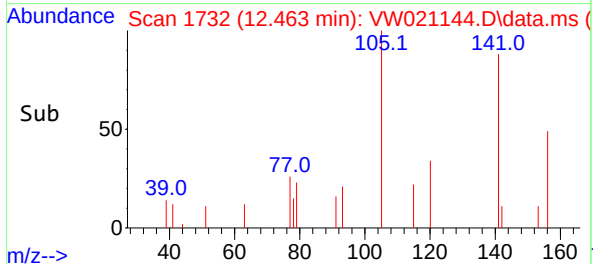
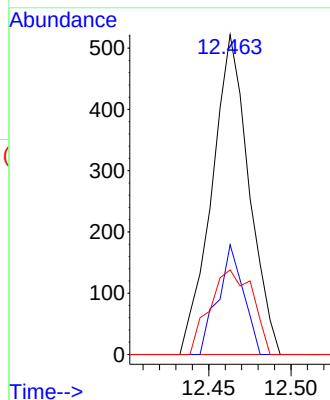
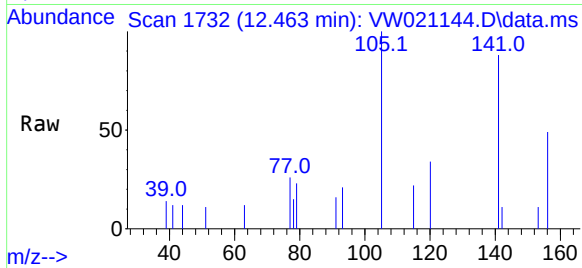




#60
Isopropylbenzene
Concen: 0.555 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021144.D
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Tgt Ion:105	Resp:	820
Ion	Ratio	Lower Upper
105	100	
120	23.5	20.1 30.1
77	30.4	13.8 20.8#



#63
1,2,4-Trimethylbenzene
Concen: 0.924 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021144.D
Acq: 05 Dec 2021 03:02

Tgt Ion:105	Resp:	1149
Ion	Ratio	Lower Upper
105	100	
120	48.7	35.0 52.6

