

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021229.D
 Acq On : 08 Dec 2021 14:55
 Operator : SY/VA
 Sample : M4883-04RE
 Misc : 4.99g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G0RE

Quant Time: Dec 08 23:02:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 22:58:53 2021
 Response via : Initial Calibration

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

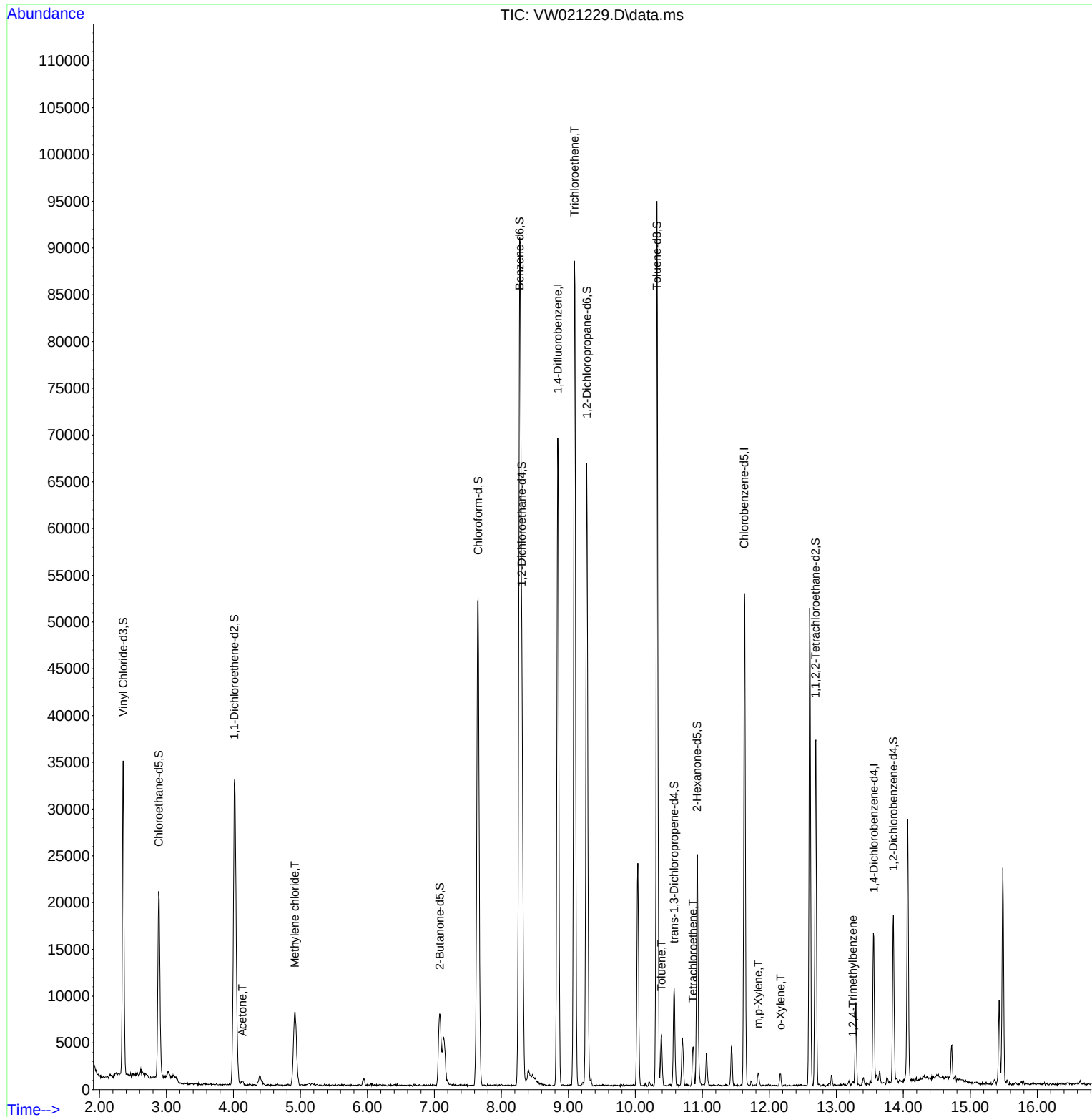
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	59524	25.000	ug/L	# 0.00
28) Chlorobenzene-d5		11.628	117	28807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	4471	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	31918	38.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 153.960%#		
7) Chloroethane-d5		2.885	69	23780	42.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 171.320%#		
11) 1,1-Dichloroethene-d2		4.013	63	30562	23.068	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.280%		
21) 2-Butanone-d5		7.080	46	13764	72.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 145.520%#		
24) Chloroform-d		7.653	84	52144	34.980	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 139.920%		
26) 1,2-Dichloroethane-d4		8.305	65	28465	34.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 139.600%#		
32) Benzene-d6		8.275	84	91679	62.243	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 248.960%#		
36) 1,2-Dichloropropane-d6		9.274	67	27995	68.393	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 273.560%#		
41) Toluene-d8		10.323	98	59423	39.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 157.400%#		
43) trans-1,3-Dichloroprop...		10.579	79	5827	31.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 125.400%		
47) 2-Hexanone-d5		10.920	63	8121	103.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 207.400%#		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	16922	44.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 178.760%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	4816	30.063	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 120.240%#		
Target Compounds							Qvalue
13) Acetone		4.135	43	878	5.095	ug/L	79
16) Methylene chloride		4.915	84	6508	6.940	ug/L	81
34) Trichloroethene		9.092	95	28486	63.031	ug/L	89
42) Toluene		10.390	91	4230	2.261	ug/L	90
46) Tetrachloroethene		10.859	164	1003	2.424	ug/L	88
53) m,p-Xylene		11.835	106	543	0.623	ug/L	97
54) o-Xylene		12.170	106	476	0.579	ug/L	71
63) 1,2,4-Trimethylbenzene		13.249	105	500	0.955	ug/L	87

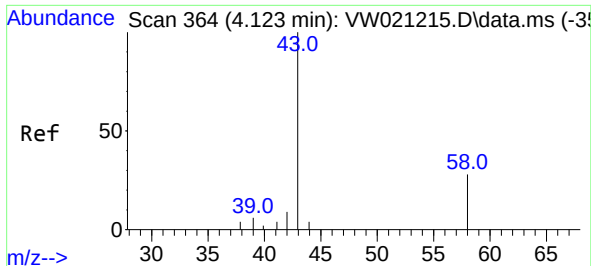
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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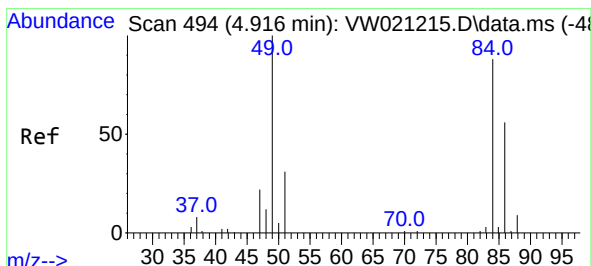
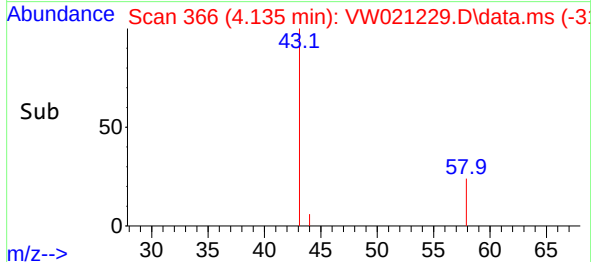
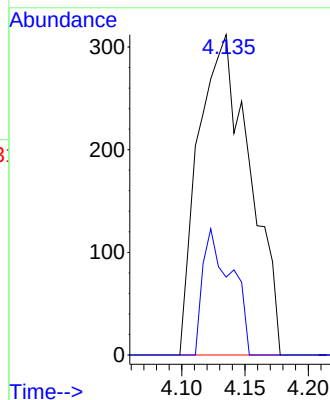
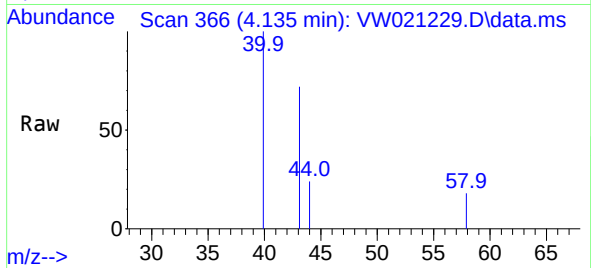




#13
Acetone
Concen: 5.095 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

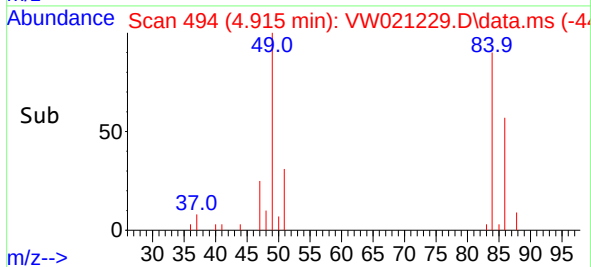
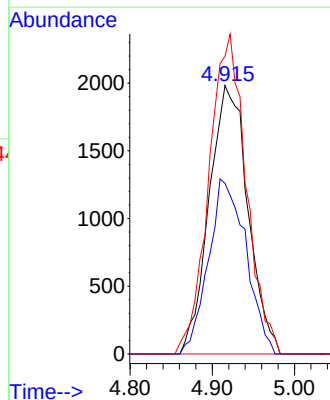
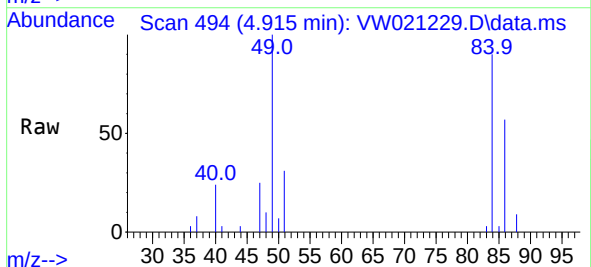
Instrument :
MSVOA_W
ClientSampleId :
EW9G0RE

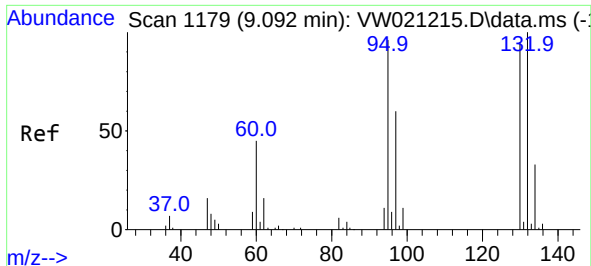
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 15.6 0.0 52.8



#16
Methylene chloride
Concen: 6.940 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

Tgt Ion: 84 Resp: 6508
Ion Ratio Lower Upper
84 100
86 63.5 45.5 84.5
49 110.8 100.5 186.7

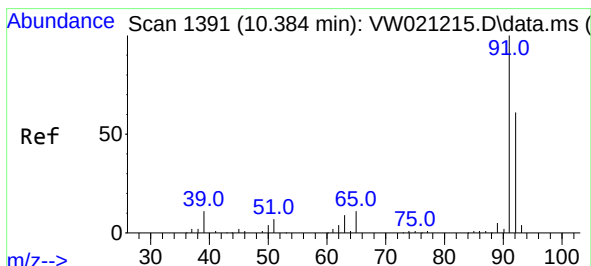
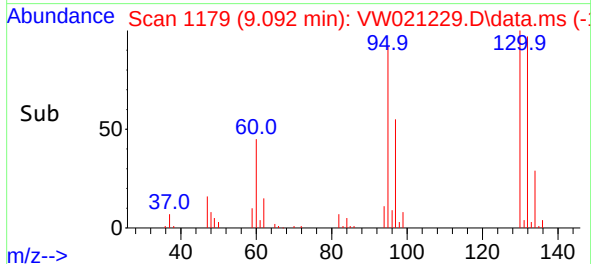
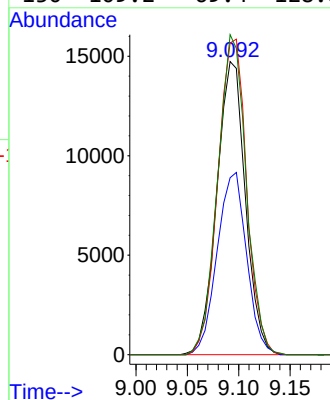
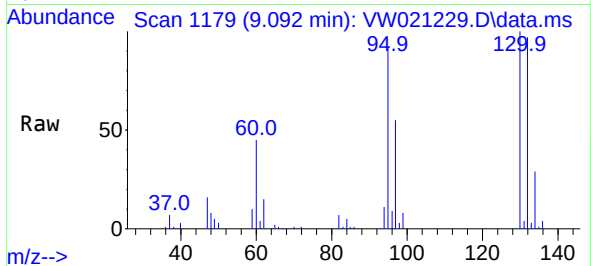




#34
Trichloroethene
Concen: 63.031 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

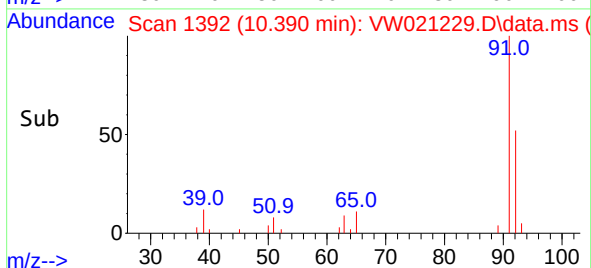
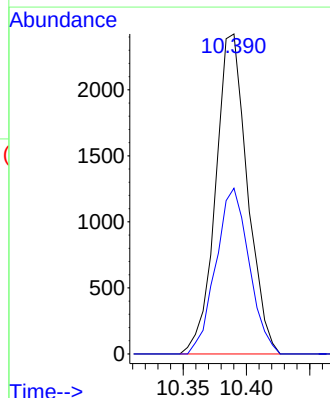
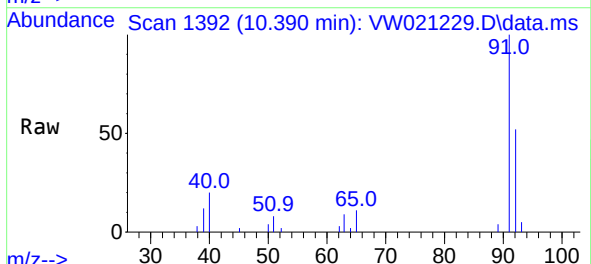
Instrument :
MSVOA_W
ClientSampleId :
EW9G0RE

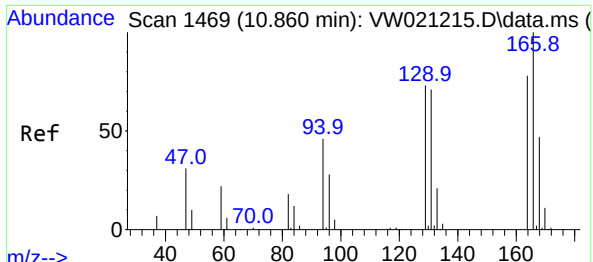
Tgt Ion: 95 Resp: 28486
Ion Ratio Lower Upper
95 100
97 60.4 47.0 87.2
132 106.3 65.5 121.6
130 109.2 69.4 128.8



#42
Toluene
Concen: 2.261 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

Tgt Ion: 91 Resp: 4230
Ion Ratio Lower Upper
91 100
92 51.8 41.7 77.5





#46

Tetrachloroethene

Concen: 2.424 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Instrument :

MSVOA_W

ClientSampleId :

EW9G0RE

Tgt Ion:164 Resp: 1003

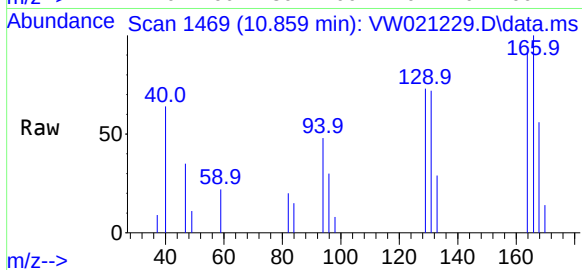
Ion Ratio Lower Upper

164 100

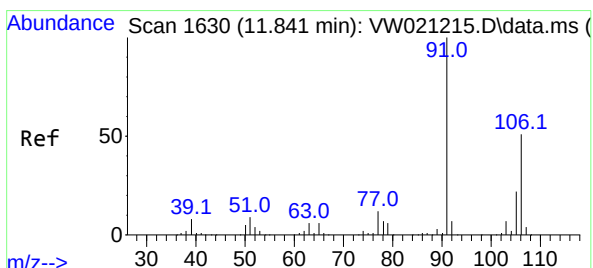
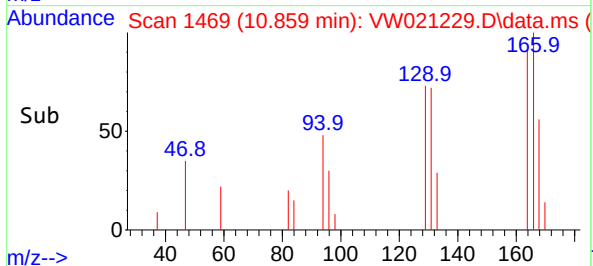
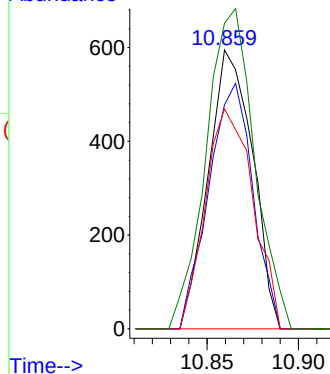
129 80.3 65.5 121.7

131 78.8 59.7 110.9

166 109.6 88.7 164.7



Abundance



#53

m,p-Xylene

Concen: 0.623 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021229.D

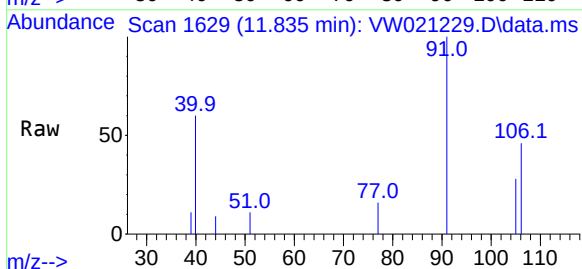
Acq: 08 Dec 2021 14:55

Tgt Ion:106 Resp: 543

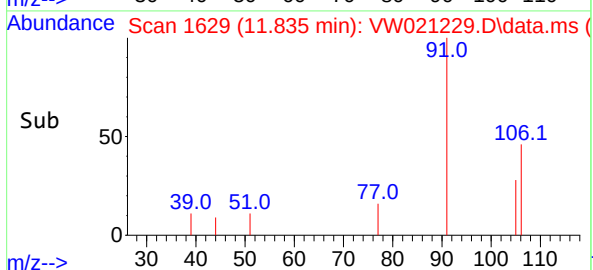
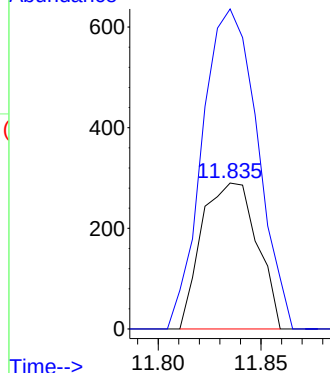
Ion Ratio Lower Upper

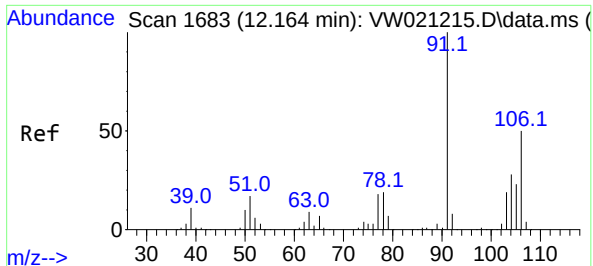
106 100

91 219.3 149.9 278.3



Abundance

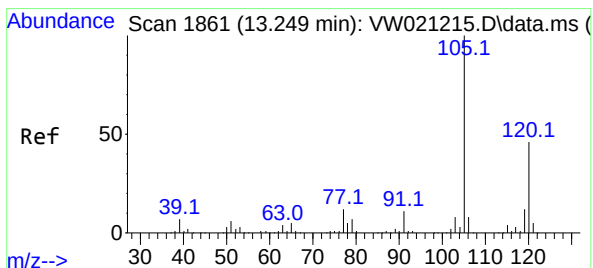
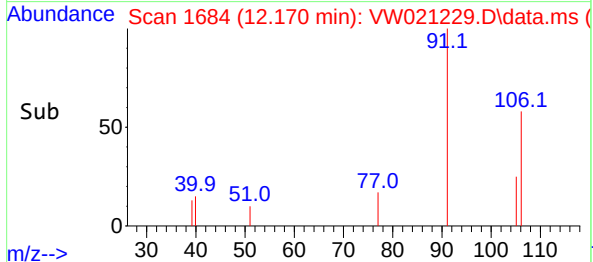
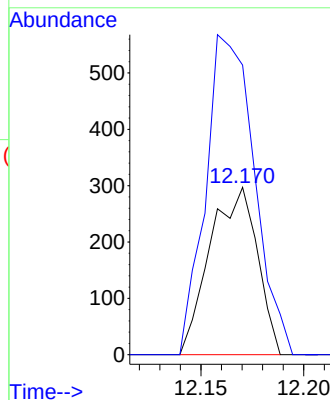
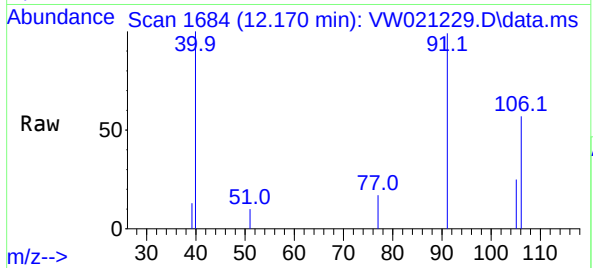




#54
o-Xylene
Concen: 0.579 ug/L
RT: 12.170 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

Instrument :
MSVOA_W
ClientSampleId :
EW9G0RE

Tgt Ion:106 Resp: 476
Ion Ratio Lower Upper
106 100
91 173.1 153.6 285.3



#63
1,2,4-Trimethylbenzene
Concen: 0.955 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

Tgt Ion:105 Resp: 500
Ion Ratio Lower Upper
105 100
120 35.2 35.0 52.6

