

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021163.D
 Acq On : 06 Dec 2021 12:31
 Operator : SY/VA
 Sample : M4885-20RE
 Misc : 4.55g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M5RE

Quant Time: Dec 07 01:50:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

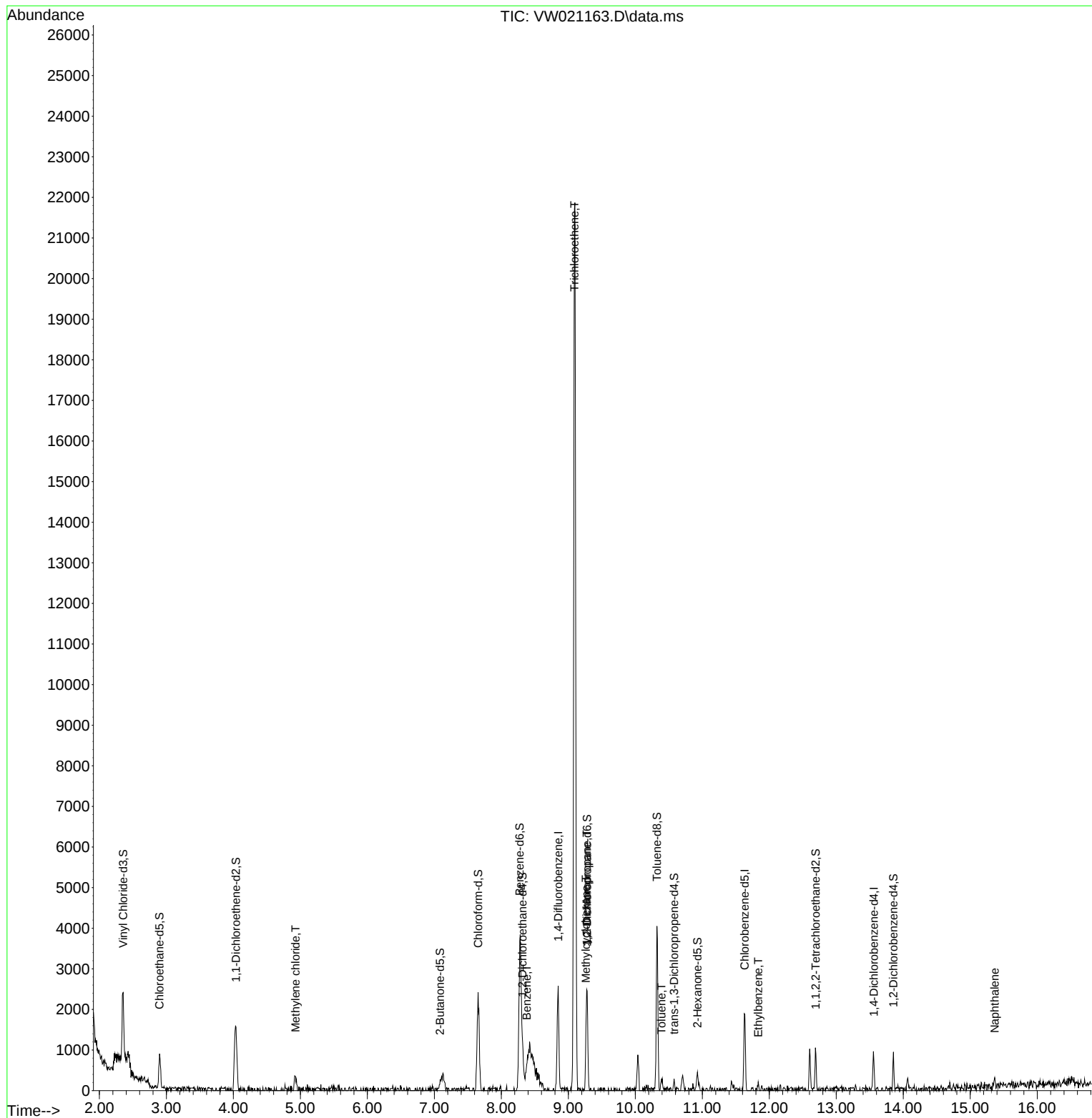
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	2755	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	1353	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	315	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	1777	46.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 185.160%#	
7) Chloroethane-d5	2.898	69	1022	39.774	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 159.080%#	
11) 1,1-Dichloroethene-d2	4.038	63	1661	27.087	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.360%	
21) 2-Butanone-d5	7.086	46	334	38.148	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 76.300%	
24) Chloroform-d	7.653	84	2340	33.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 135.680%	
26) 1,2-Dichloroethane-d4	8.317	65	1181	31.288	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	= 125.160%	
32) Benzene-d6	8.275	84	3912	56.548	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 226.200%#	
36) 1,2-Dichloropropane-d6	9.281	67	1294	67.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 269.240%#	
41) Toluene-d8	10.323	98	2929	41.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 165.160%#	
43) trans-1,3-Dichloroprop...	10.579	79	197	22.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 90.280%	
47) 2-Hexanone-d5	10.927	63	202	54.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.840%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	557	31.317	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 125.280%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	264	23.391	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.560%	
Target Compounds						Qvalue
16) Methylene chloride	4.928	84	185	4.262	ug/L	76
33) Benzene	8.378	78	920	11.957	ug/L	100
34) Trichloroethene	9.092	95	7624	359.173	ug/L	98
35) Methylcyclohexane	9.262	83	289	8.089	ug/L	# 34
37) 1,2-Dichloropropane	9.274	63	50	2.875	ug/L	# 88
42) Toluene	10.390	91	279	3.175	ug/L	92
52) Ethylbenzene	11.835	91	172	1.739	ug/L	# 44
71) Naphthalene	15.365	128	147	6.352	ug/L	# 69

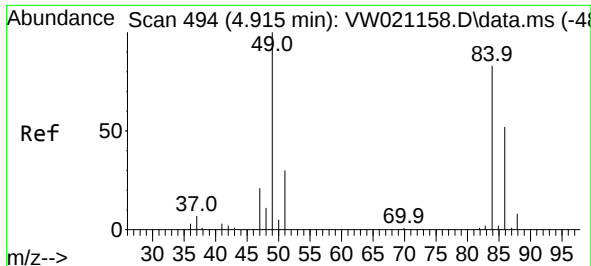
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 07 01:47:32 2021
Response via : Initial Calibration

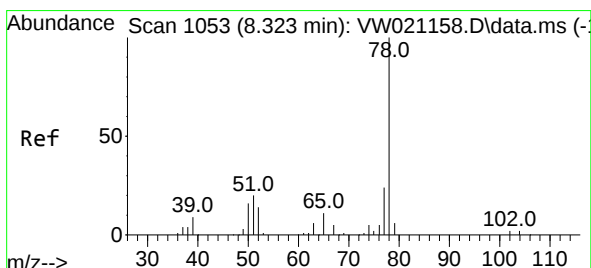
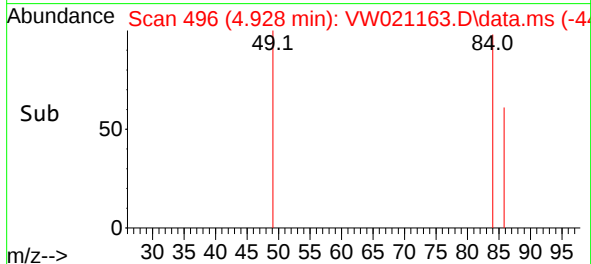
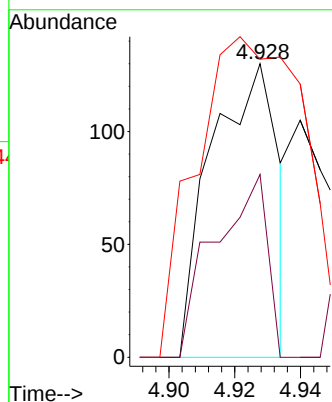
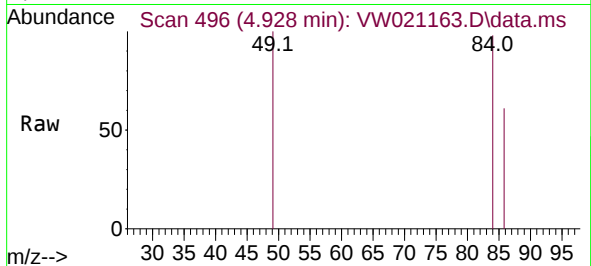




#16
Methylene chloride
Concen: 4.262 ug/L
RT: 4.928 min Scan# 49
Delta R.T. 0.012 min
Lab File: VW021163.D
Acq: 06 Dec 2021 12:31

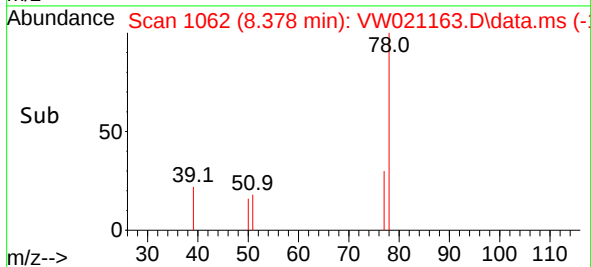
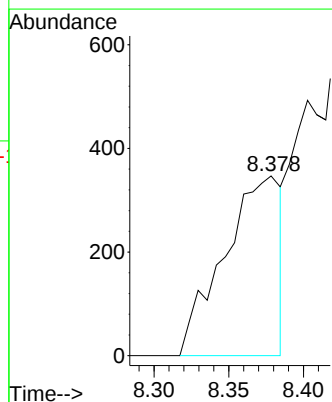
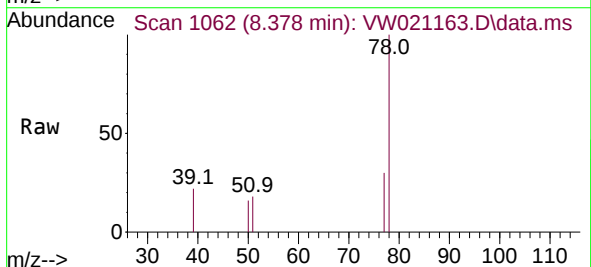
Instrument :
MSVOA_W
ClientSampleId :
EW9M5RE

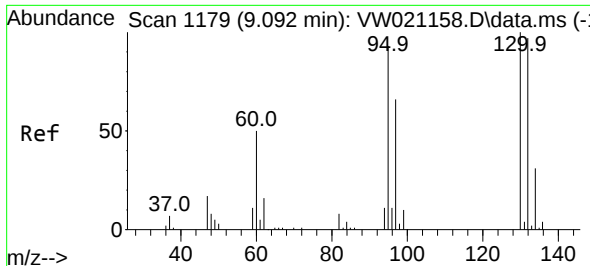
Tgt Ion: 84 Resp: 185
Ion Ratio Lower Upper
84 100
86 62.3 45.5 84.5
49 101.5 100.5 186.7



#33
Benzene
Concen: 11.957 ug/L
RT: 8.378 min Scan# 1062
Delta R.T. 0.055 min
Lab File: VW021163.D
Acq: 06 Dec 2021 12:31

Tgt Ion: 78 Resp: 920



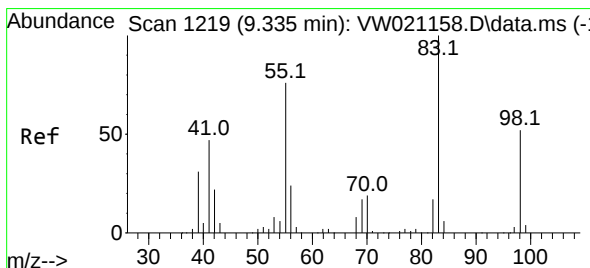
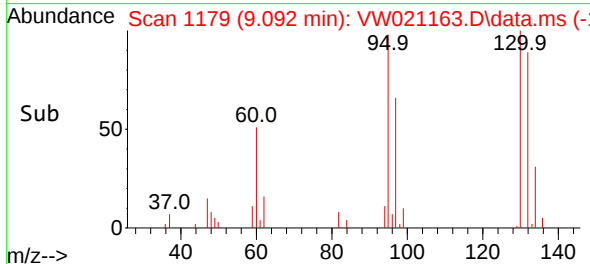
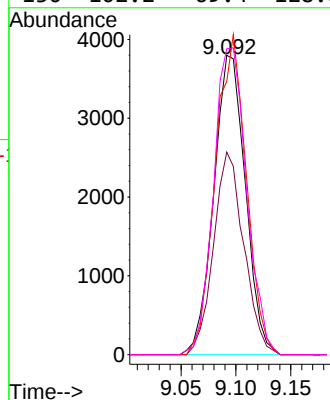
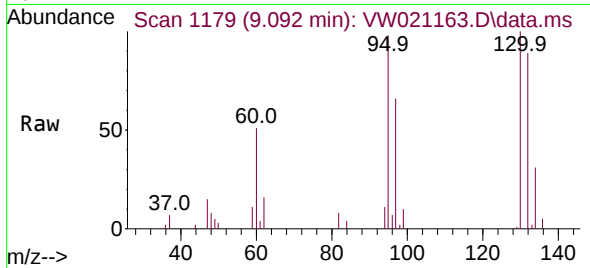


#34
Trichloroethene
Concen: 359.173 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021163.D
Acq: 06 Dec 2021 12:31

Instrument :
MSVOA_W
ClientSampleId :
EW9M5RE

Tgt Ion: 95 Resp: 7624

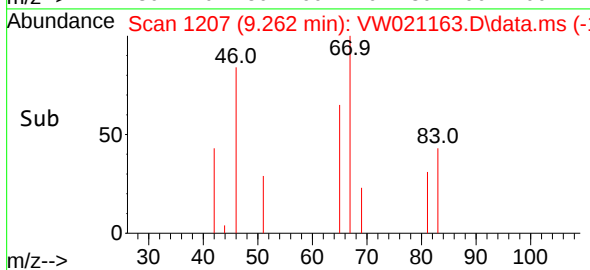
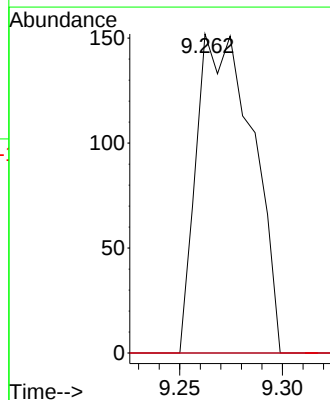
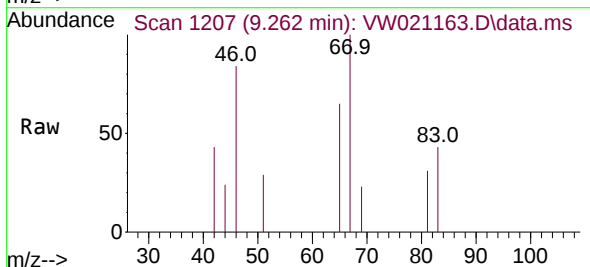
Ion	Ratio	Lower	Upper
95	100		
97	67.7	47.0	87.2
132	91.4	65.5	121.6
130	102.2	69.4	128.8

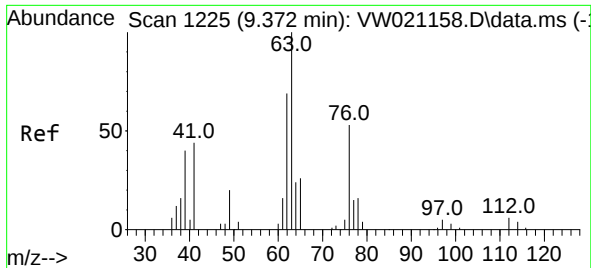


#35
Methylcyclohexane
Concen: 8.089 ug/L
RT: 9.262 min Scan# 1207
Delta R.T. -0.073 min
Lab File: VW021163.D
Acq: 06 Dec 2021 12:31

Tgt Ion: 83 Resp: 289

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	55.4	37.7	56.5





#37

1,2-Dichloropropane

Concen: 2.875 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021163.D

Acq: 06 Dec 2021 12:31

Instrument :

MSVOA_W

ClientSampleId :

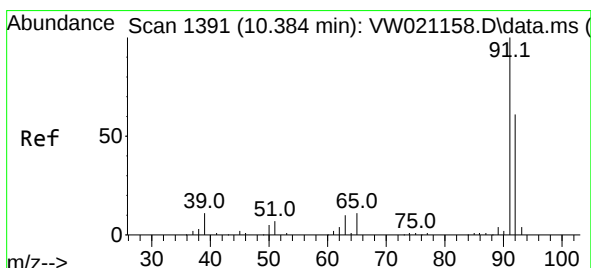
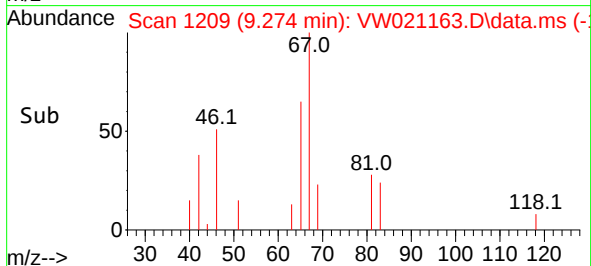
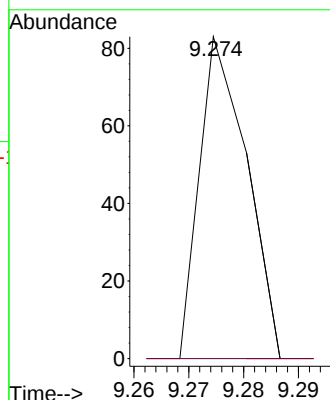
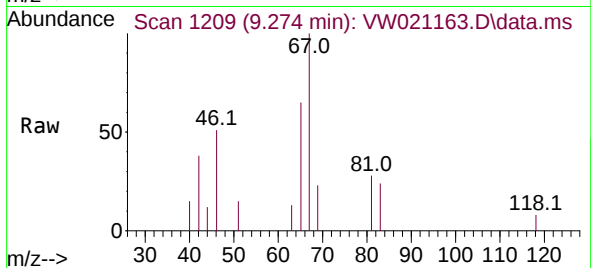
EW9M5RE

Tgt Ion: 63 Resp: 50

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#42

Toluene

Concen: 3.175 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021163.D

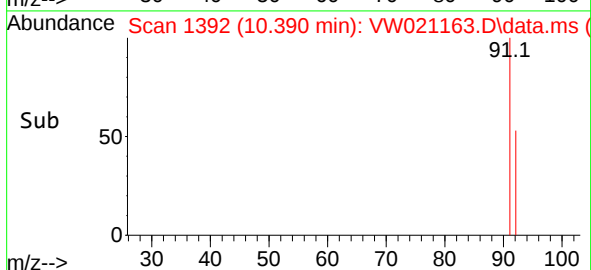
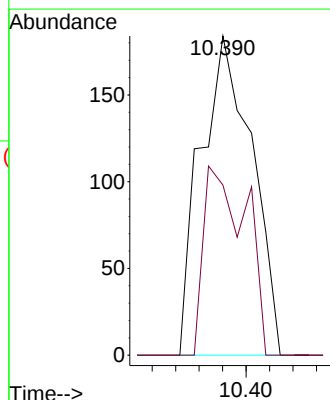
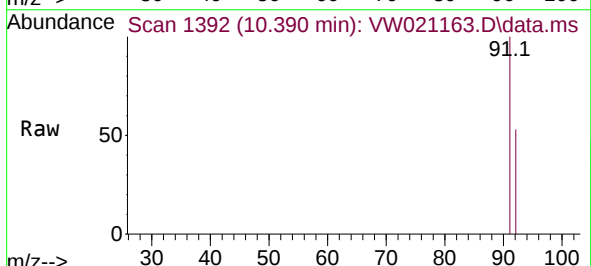
Acq: 06 Dec 2021 12:31

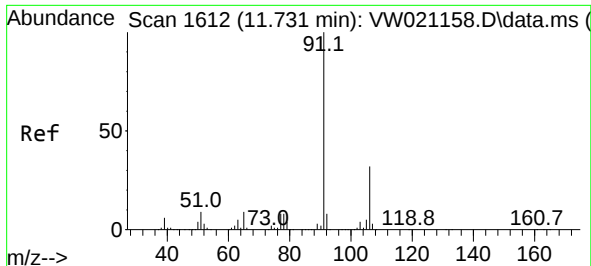
Tgt Ion: 91 Resp: 279

Ion Ratio Lower Upper

91 100

92 53.3 41.7 77.5

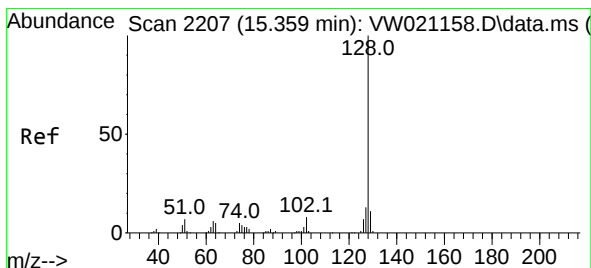
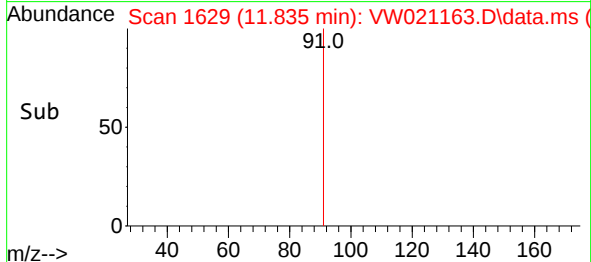
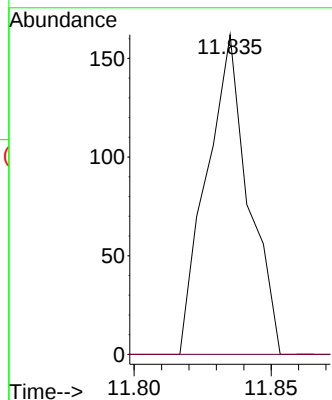
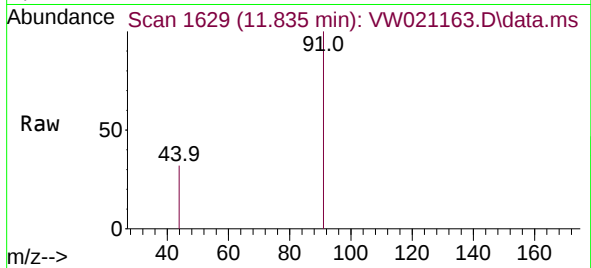




#52
Ethylbenzene
Concen: 1.739 ug/L
RT: 11.835 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW021163.D
Acq: 06 Dec 2021 12:31

Instrument :
MSVOA_W
ClientSampleId :
EW9M5RE

Tgt Ion: 91 Resp: 172
Ion Ratio Lower Upper
91 100
106 0.0 21.5 39.9#



#71
Naphthalene
Concen: 6.352 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW021163.D
Acq: 06 Dec 2021 12:31

Tgt Ion:128 Resp: 147
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

