

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021073.D
 Acq On : 03 Dec 2021 18:52
 Operator : SY/VA
 Sample : M4881-18RE
 Misc : 3.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F4RE

Quant Time: Dec 04 01:40:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

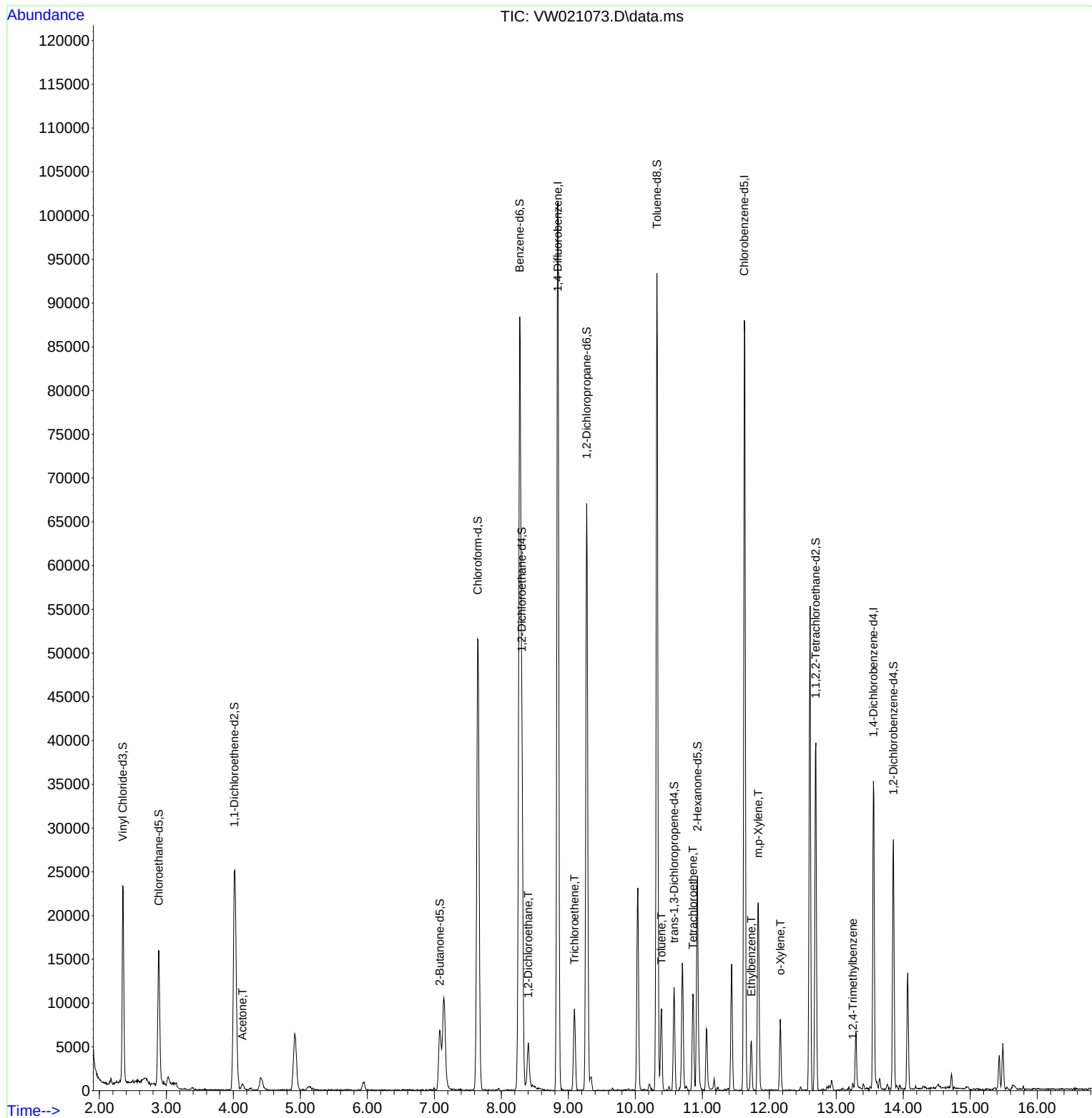
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	88646	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	50342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20655	16.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.880%
7) Chloroethane-d5	2.885	69	16812	20.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	4.013	63	23999	12.163	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.640%
21) 2-Butanone-d5	7.080	46	12078	42.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.740%
24) Chloroform-d	7.647	84	52265	23.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.305	65	26899	22.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	8.275	84	85402	33.178	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.720%
36) 1,2-Dichloropropane-d6	9.274	67	28320	39.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	158.360%#
41) Toluene-d8	10.323	98	60575	22.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.579	79	6133	18.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.520%
47) 2-Hexanone-d5	10.927	63	7784	56.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	18034	27.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	7538	21.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.240%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1459	5.686	ug/L	96
27) 1,2-Dichloroethane	8.403	62	3890	2.727	ug/L	98
34) Trichloroethene	9.092	95	2697	3.415	ug/L	90
42) Toluene	10.390	91	6989	2.137	ug/L	91
46) Tetrachloroethene	10.860	164	2474	3.421	ug/L	89
52) Ethylbenzene	11.731	91	4414	1.199	ug/L	99
53) m,p-Xylene	11.835	106	6922	4.546	ug/L	82
54) o-Xylene	12.164	106	2229	1.553	ug/L	86
63) 1,2,4-Trimethylbenzene	13.249	105	751	0.665	ug/L	90

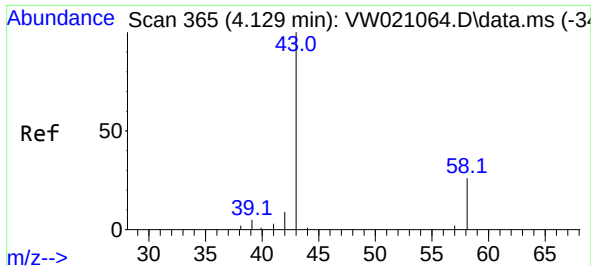
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration

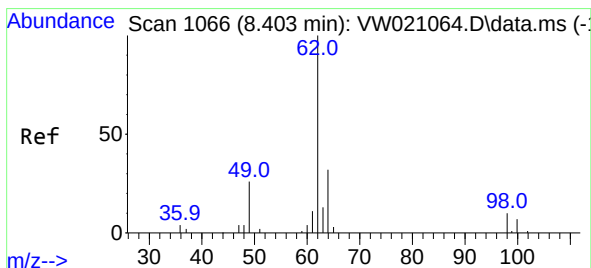
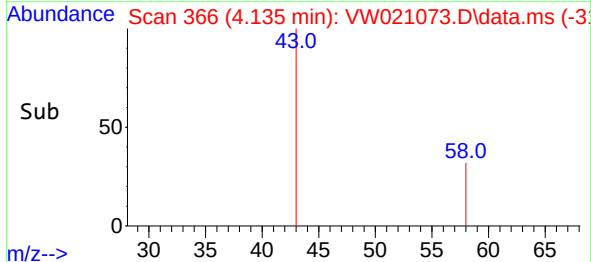
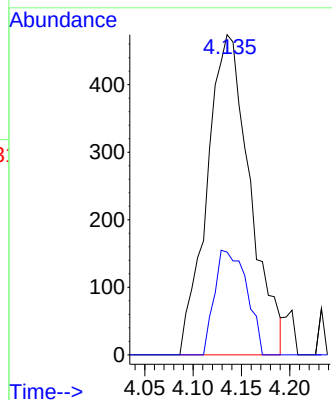
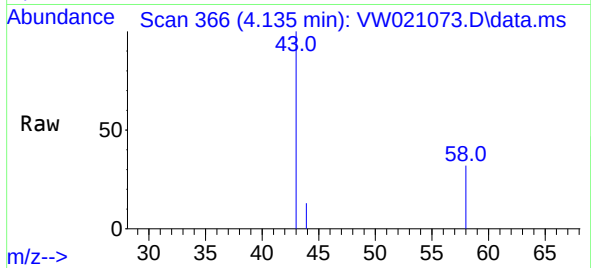




#13
Acetone
Concen: 5.686 ug/L
RT: 4.135 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

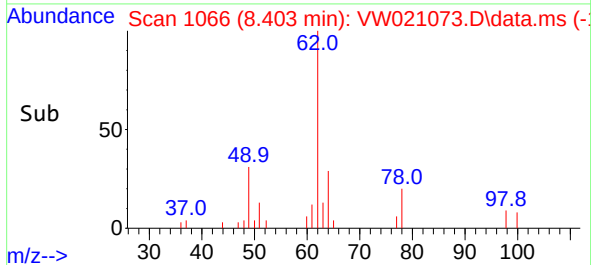
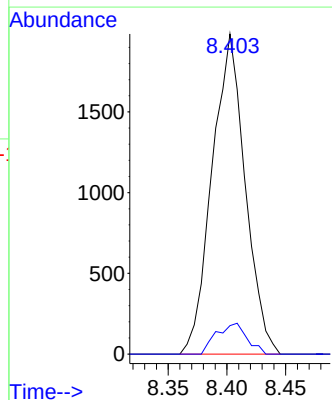
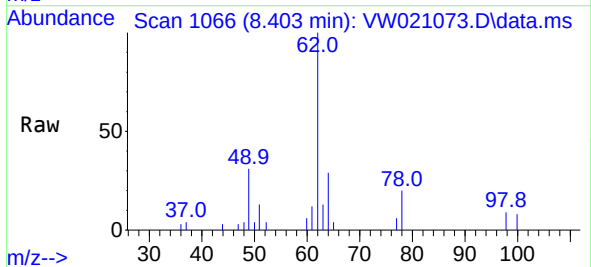
Instrument :
MSVOA_W
ClientSampleId :
EW9F4RE

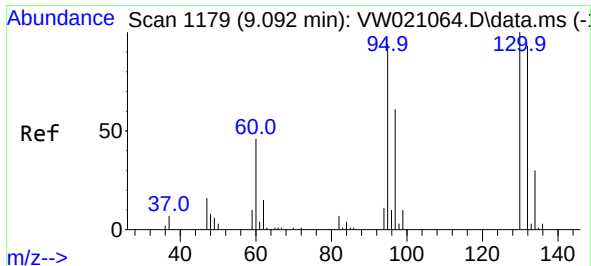
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 24.5 0.0 52.8



#27
1,2-Dichloroethane
Concen: 2.727 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Tgt Ion: 62 Resp: 3890
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7



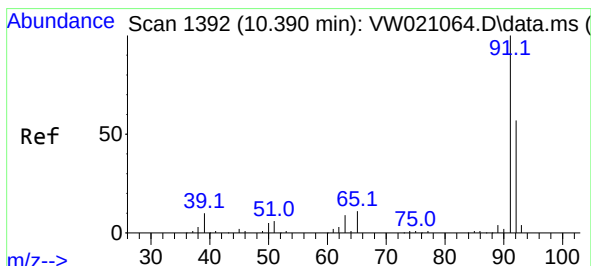
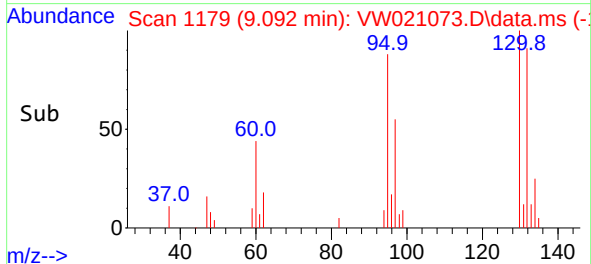
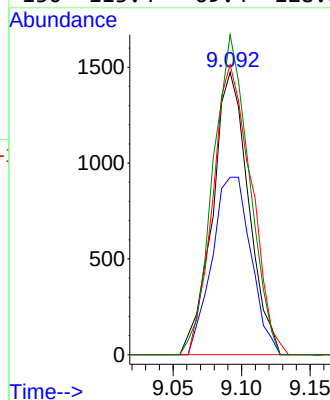
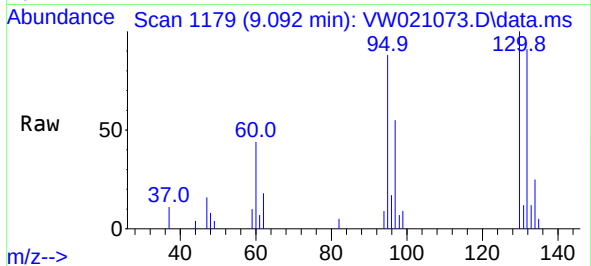


#34
Trichloroethene
Concen: 3.415 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Instrument :
MSVOA_W
ClientSampleId :
EW9F4RE

Tgt Ion: 95 Resp: 2697

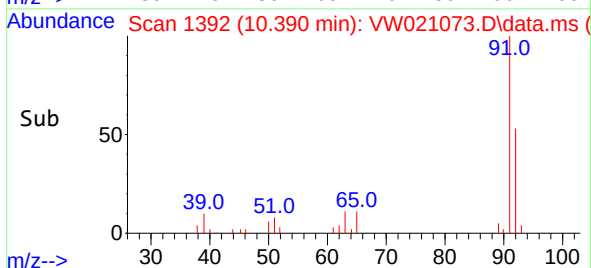
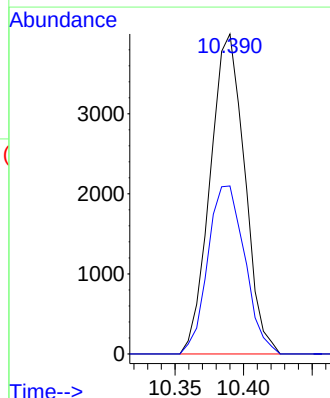
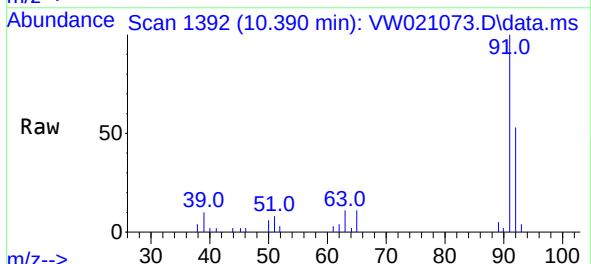
Ion	Ratio	Lower	Upper
95	100		
97	62.9	47.0	87.2
132	102.8	65.5	121.6
130	113.4	69.4	128.8

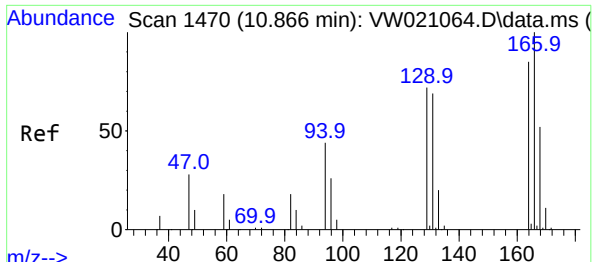


#42
Toluene
Concen: 2.137 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Tgt Ion: 91 Resp: 6989

Ion	Ratio	Lower	Upper
91	100		
92	52.5	41.7	77.5



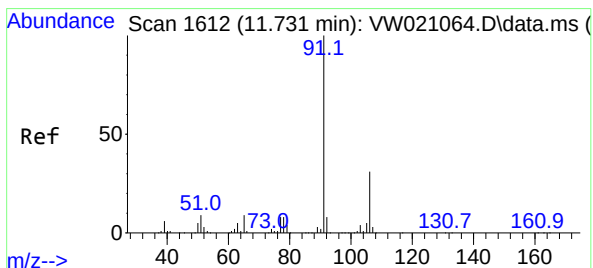
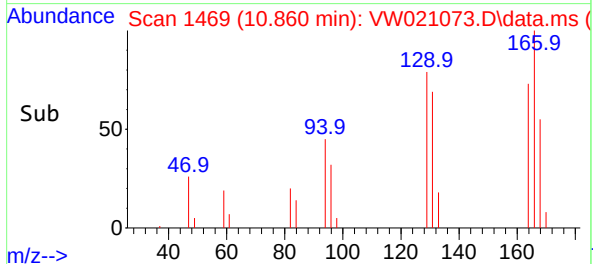
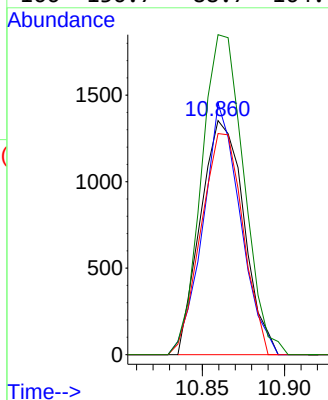
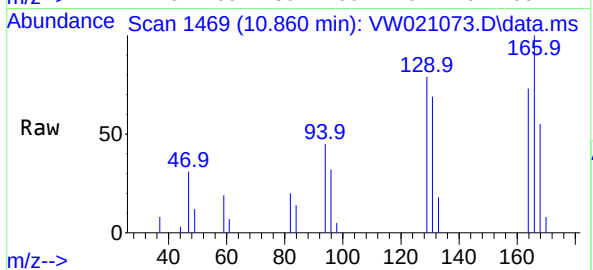


#46
Tetrachloroethene
Concen: 3.421 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Instrument :
MSVOA_W
ClientSampleId :
EW9F4RE

Tgt Ion:164 Resp: 2474

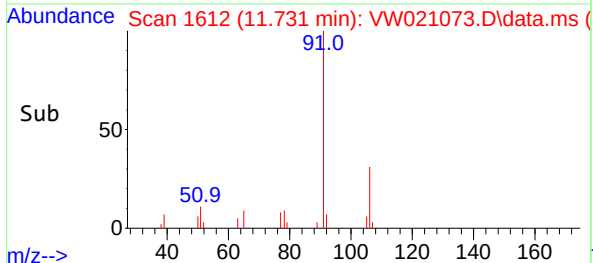
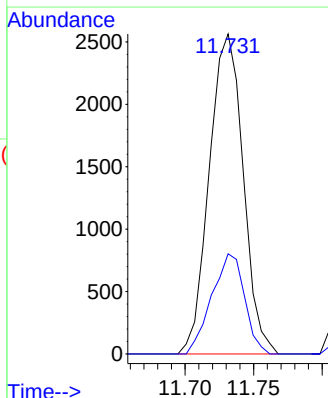
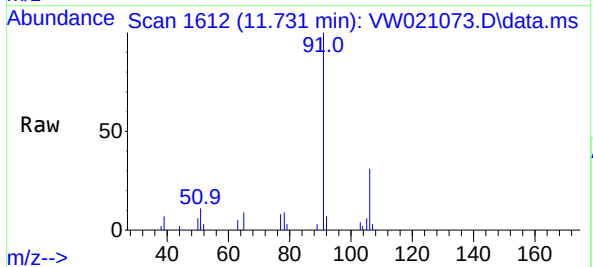
Ion	Ratio	Lower	Upper
164	100		
129	107.5	65.5	121.7
131	94.5	59.7	110.9
166	136.7	88.7	164.7

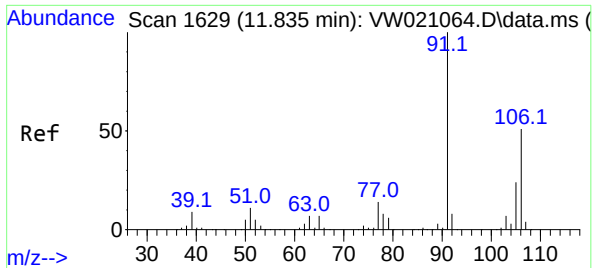


#52
Ethylbenzene
Concen: 1.199 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Tgt Ion: 91 Resp: 4414

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.5	39.9

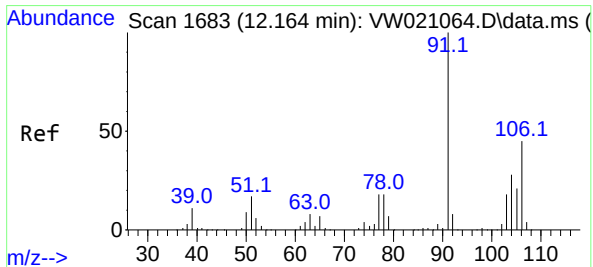
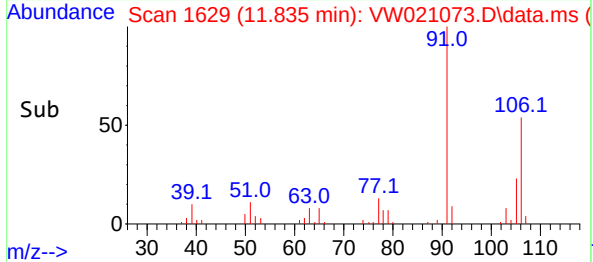
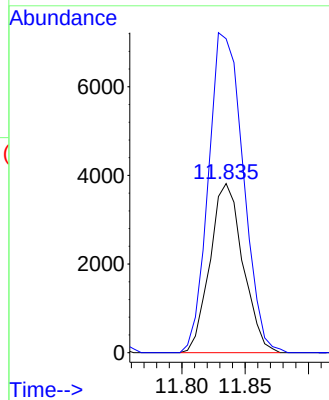
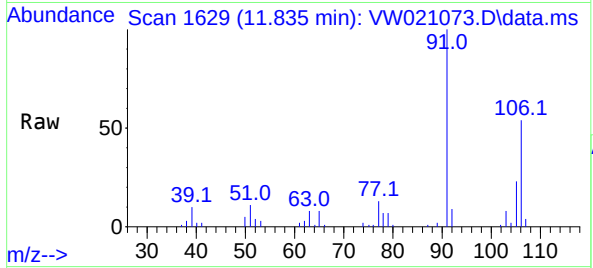




#53
m,p-Xylene
Concen: 4.546 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

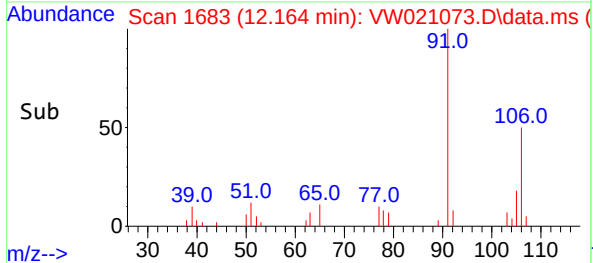
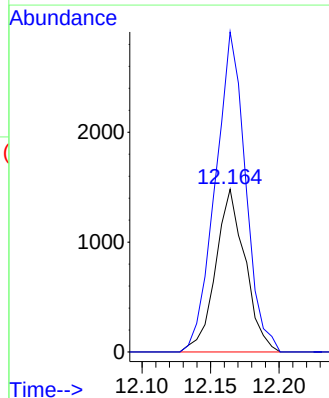
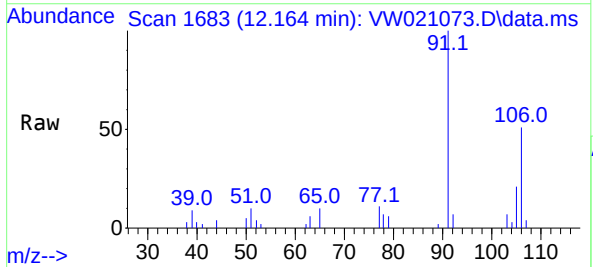
Instrument :
MSVOA_W
ClientSampleId :
EW9F4RE

Tgt Ion:106 Resp: 6922
Ion Ratio Lower Upper
106 100
91 185.6 149.9 278.3

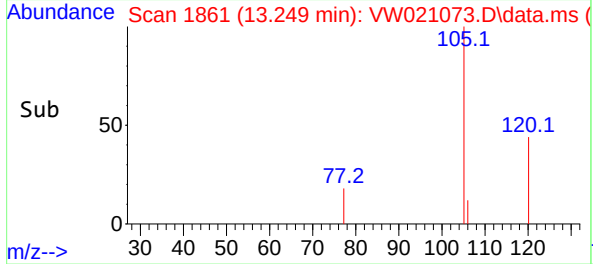
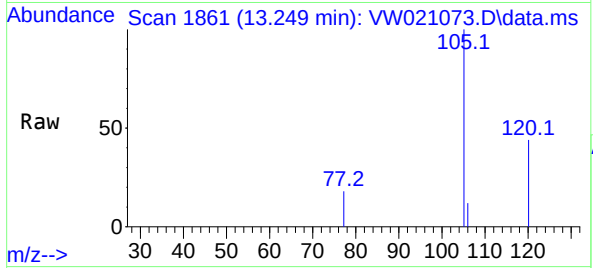
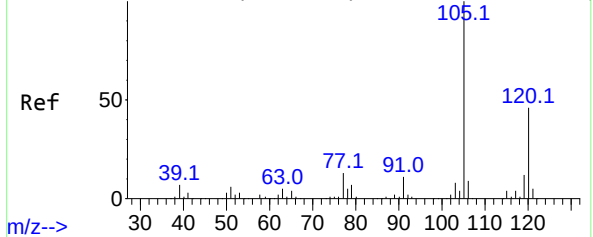


#54
o-Xylene
Concen: 1.553 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Tgt Ion:106 Resp: 2229
Ion Ratio Lower Upper
106 100
91 196.6 153.6 285.3



Abundance Scan 1861 (13.249 min): VW021064.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 0.665 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021073.D
Acq: 03 Dec 2021 18:52

Instrument :
MSVOA_W
ClientSampleId :
EW9F4RE

Tgt Ion:105 Resp: 751
Ion Ratio Lower Upper
105 100
120 37.3 35.0 52.6

