

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020175.D
 Acq On : 24 Sep 2021 04:11
 Operator : SY/VA
 Sample : M3874-22
 Misc : 3.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7X0

Quant Time: Sep 24 04:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 02:49:39 2021
 Response via : Initial Calibration

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

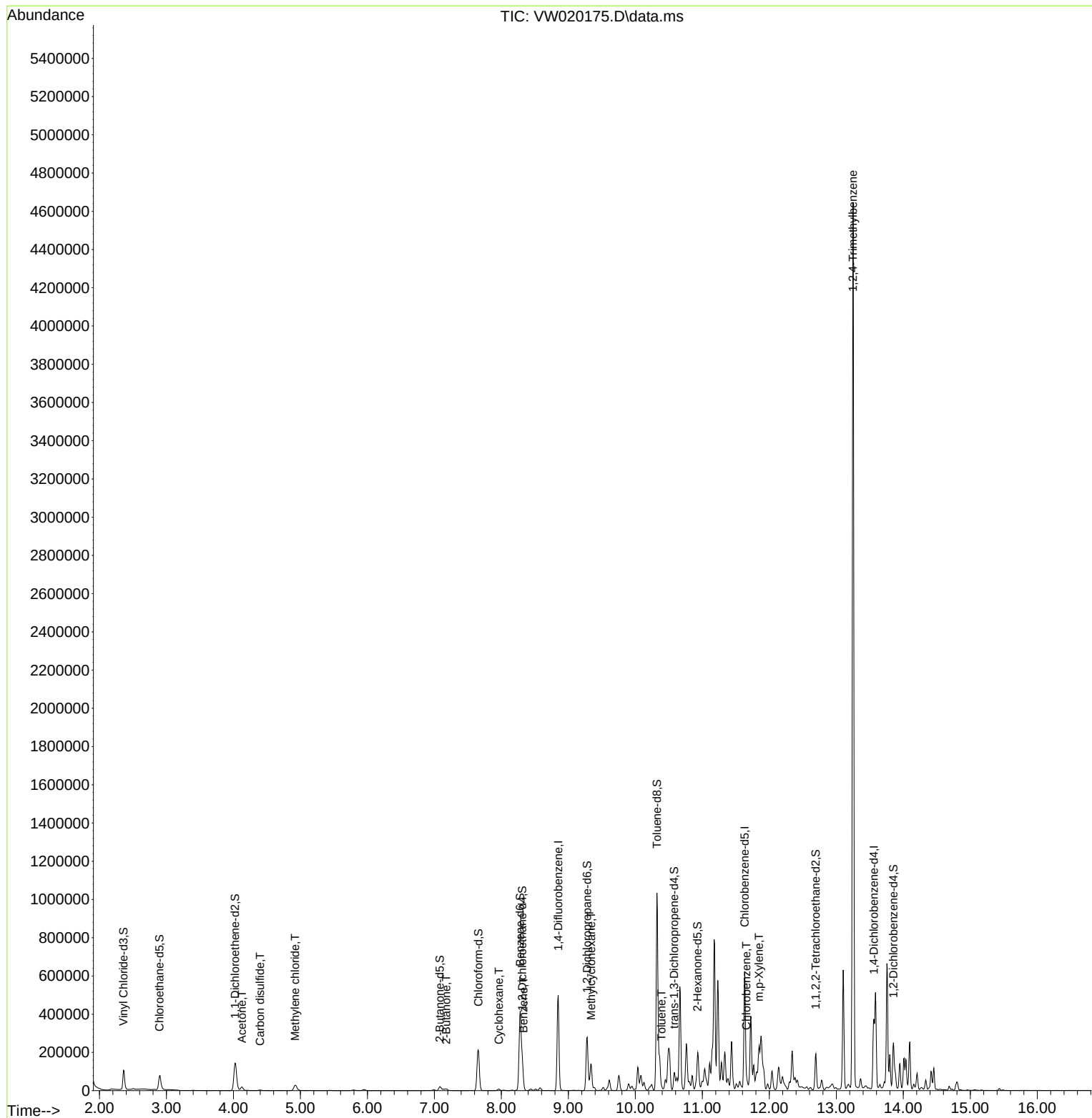
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	393574	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	328721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	89846	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115704	14.370	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	57.480%		
7) Chloroethane-d5	2.897	69	100724	16.606	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	66.440%		
11) 1,1-Dichloroethene-d2	4.025	63	156420	12.408	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	49.640%		
21) 2-Butanone-d5	7.080	46	33186	26.710	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	53.420%		
24) Chloroform-d	7.659	84	220846	17.842	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	71.360%		
26) 1,2-Dichloroethane-d4	8.311	65	116172	17.439	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	69.760%#		
32) Benzene-d6	8.281	84	417762	19.920	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	79.680%		
36) 1,2-Dichloropropane-d6	9.280	67	125228	20.633	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	82.520%		
41) Toluene-d8	10.323	98	385742	20.215	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	80.840%		
43) trans-1,3-Dichloroprop...	10.579	79	42087	16.224	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	64.880%		
47) 2-Hexanone-d5	10.926	63	29879	35.573	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	71.140%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	72665	15.521	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	62.080%		
66) 1,2-Dichlorobenzene-d4	13.853	152	59869	17.771	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	71.080%#		
Target Compounds					Qvalue	
13) Acetone	4.129	43	31723	29.811	ug/L	99
14) Carbon disulfide	4.397	76	6202	0.378	ug/L	97
16) Methylene chloride	4.921	84	22940	3.303	ug/L	97
22) 2-Butanone	7.177	43	14068	10.190	ug/L #	69
29) Cyclohexane	7.964	56	3446	0.471	ug/L	97
33) Benzene	8.329	78	9284	0.468	ug/L	100
35) Methylcyclohexane	9.341	83	50897	5.882	ug/L #	87
42) Toluene	10.390	91	11163	0.530	ug/L	95
51) Chlorobenzene	11.658	112	4761	0.347	ug/L	92
53) m,p-Xylene	11.847	106	53868	6.086	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2428353	250.037	ug/L	100

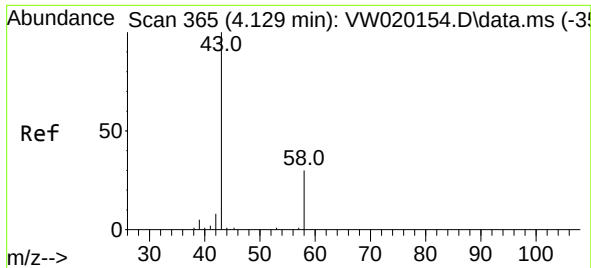
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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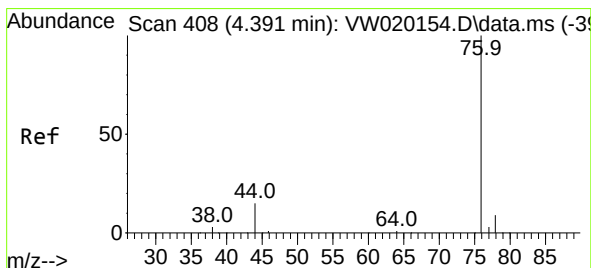
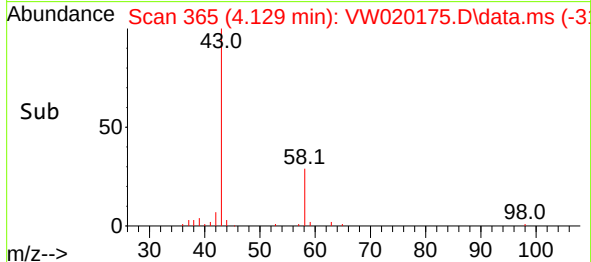
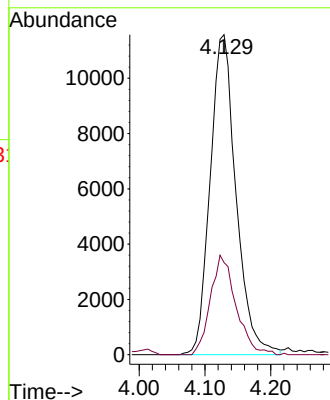
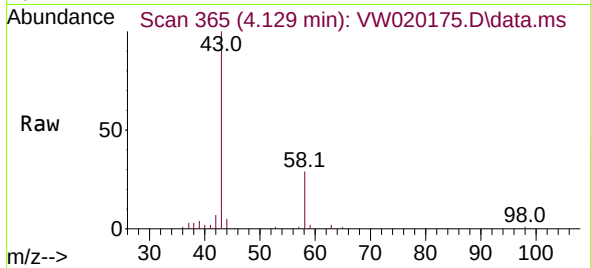




#13
Acetone
Concen: 29.811 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

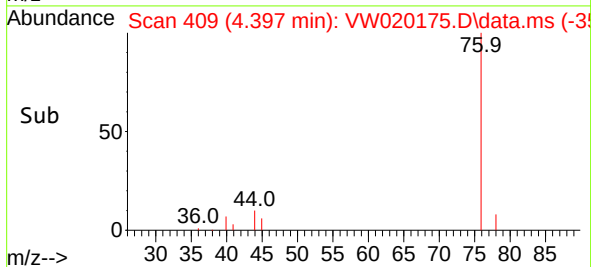
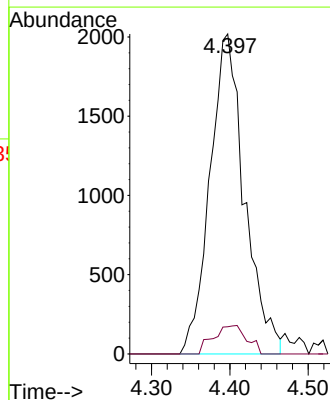
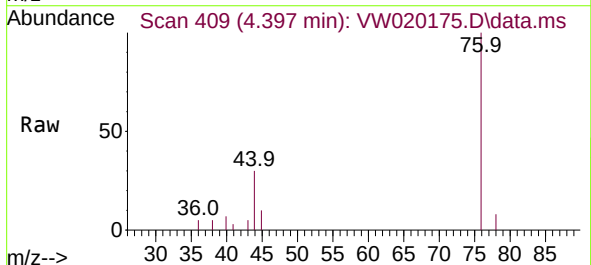
Instrument :
MSVOA_W
ClientSampled :
EW7X0

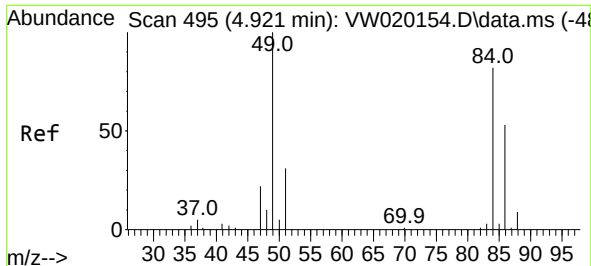
Tgt Ion: 43 Resp: 31723
Ion Ratio Lower Upper
43 100
58 30.2 0.0 61.6



#14
Carbon disulfide
Concen: 0.378 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion: 76 Resp: 6202
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

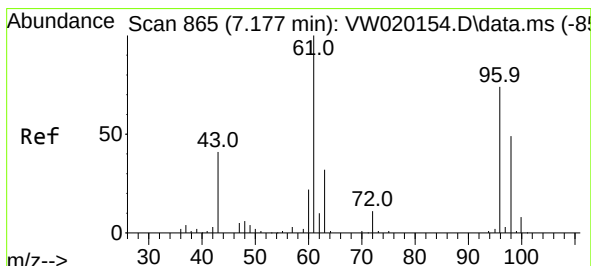
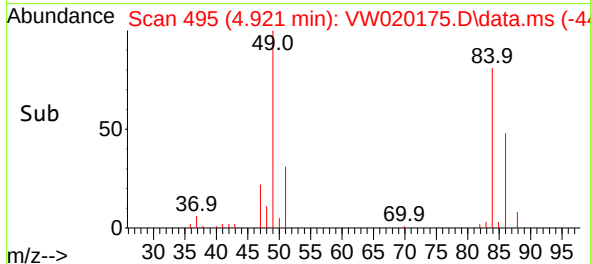
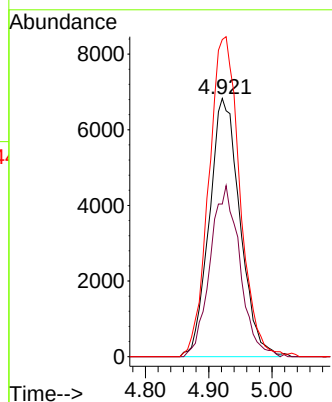
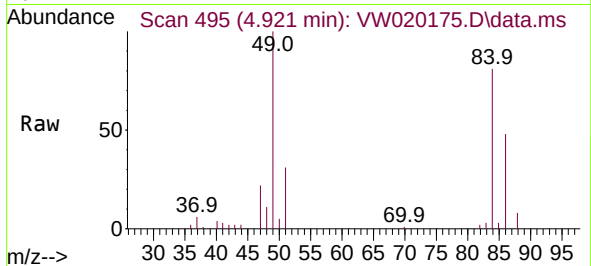




#16
Methylene chloride
Concen: 3.303 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

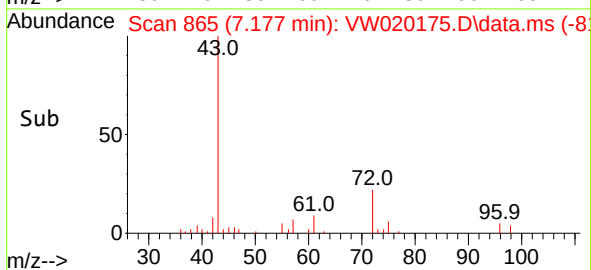
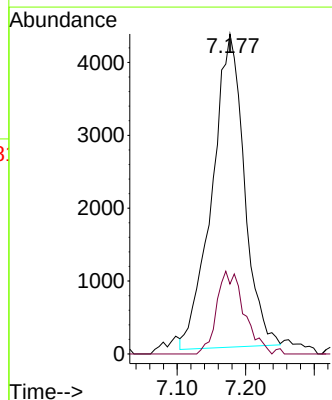
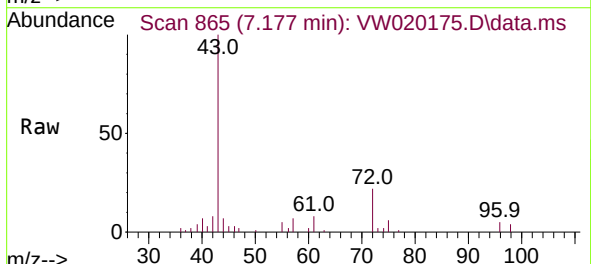
Instrument :
MSVOA_W
ClientSampled :
EW7X0

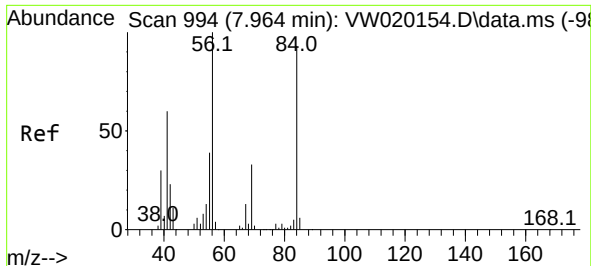
Tgt Ion: 84 Resp: 22940
Ion Ratio Lower Upper
84 100
86 59.1 42.6 79.0
49 122.9 83.4 154.8



#22
2-Butanone
Concen: 10.190 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion: 43 Resp: 14068
Ion Ratio Lower Upper
43 100
72 11.8 14.1 42.2#





#29

Cyclohexane

Concen: 0.471 ug/L

RT: 7.964 min Scan# 994

Delta R.T. -0.000 min

Lab File: VW020175.D

Acq: 24 Sep 2021 04:11

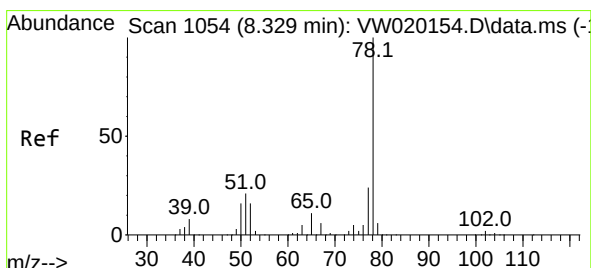
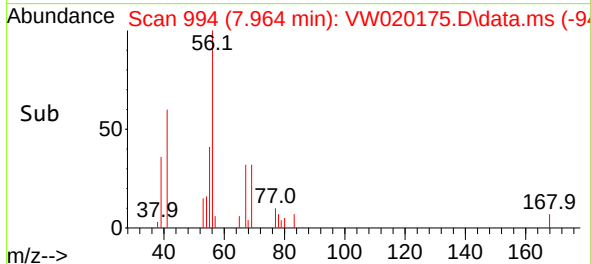
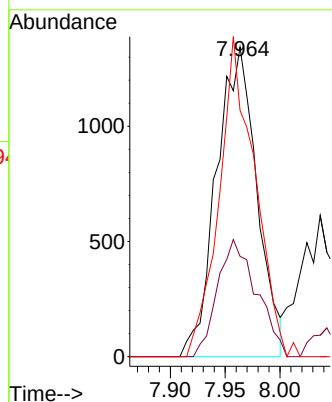
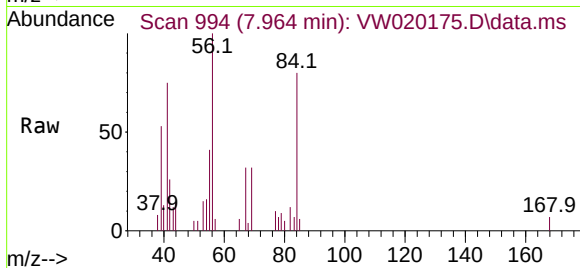
Instrument :

MSVOA_W

ClientSampleId :

EW7X0

Tgt Ion:	56	Resp:	3446
Ion Ratio	Lower	Upper	
56	100		
69	36.6	25.7	38.5
84	90.8	73.4	110.2



#33

Benzene

Concen: 0.468 ug/L

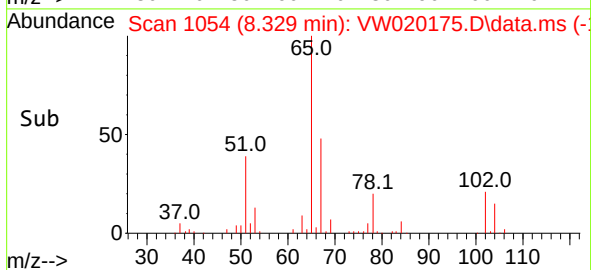
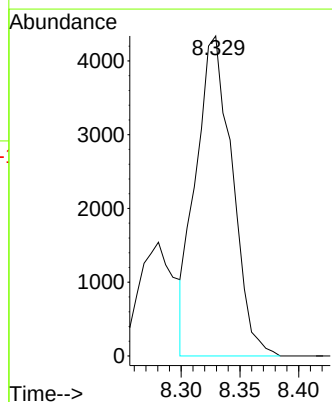
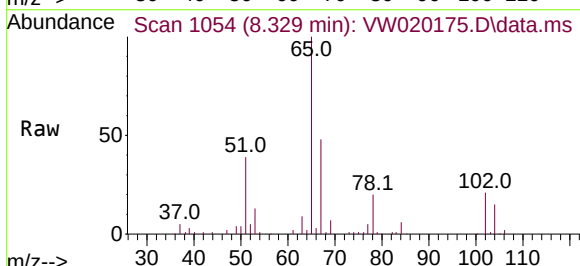
RT: 8.329 min Scan# 1054

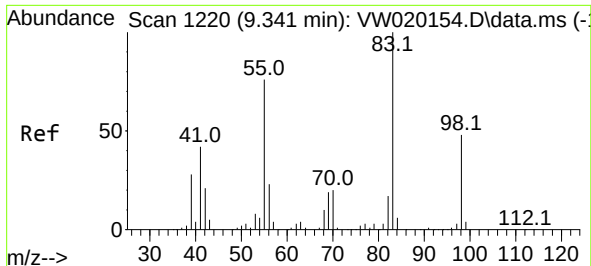
Delta R.T. -0.000 min

Lab File: VW020175.D

Acq: 24 Sep 2021 04:11

Tgt Ion: 78 Resp: 9284

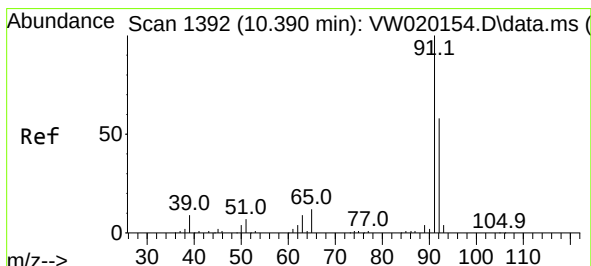
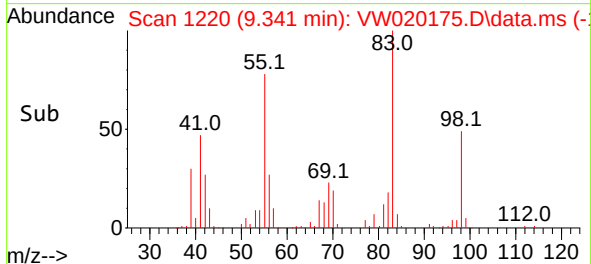
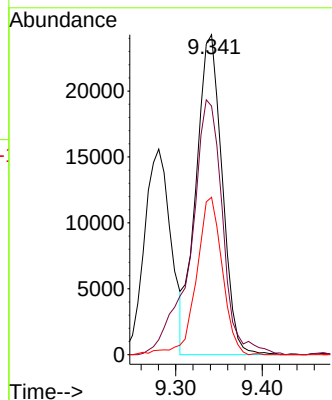
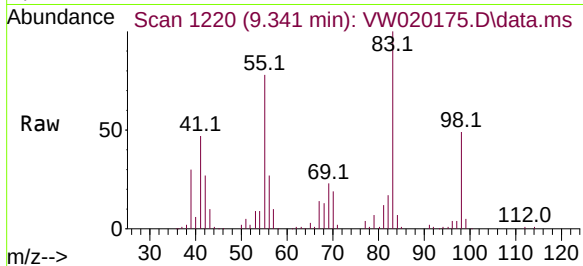




#35
Methylcyclohexane
Concen: 5.882 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

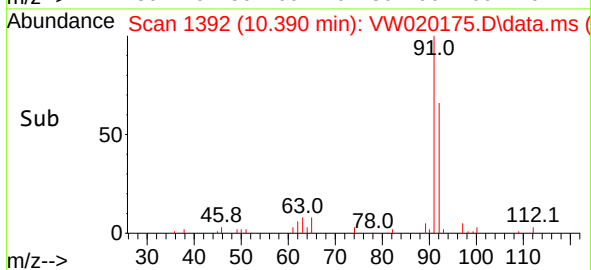
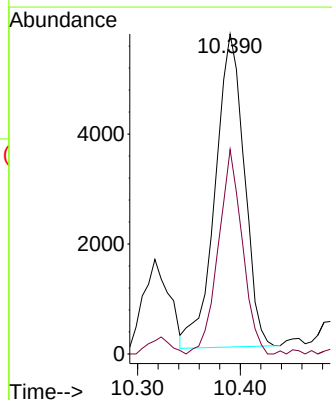
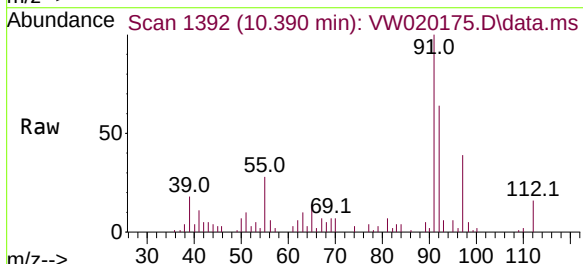
Instrument :
MSVOA_W
ClientSampled :
EW7X0

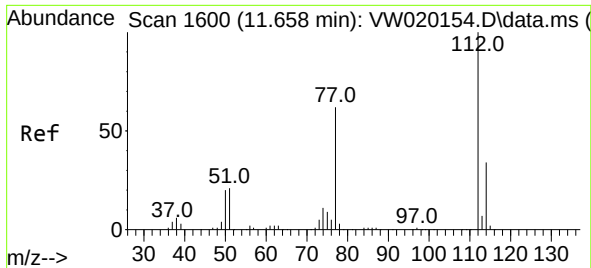
Tgt Ion: 83 Resp: 50897
Ion Ratio Lower Upper
83 100
55 94.5 61.4 92.2#
98 47.6 38.1 57.1



#42
Toluene
Concen: 0.530 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

Tgt Ion: 91 Resp: 11163
Ion Ratio Lower Upper
91 100
92 63.9 42.2 78.4

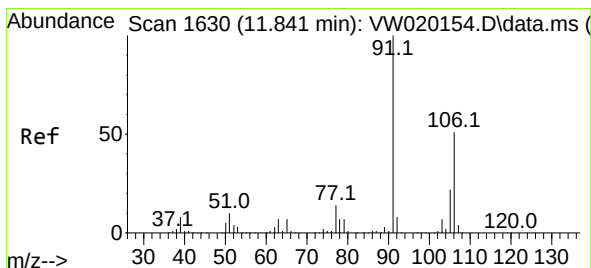
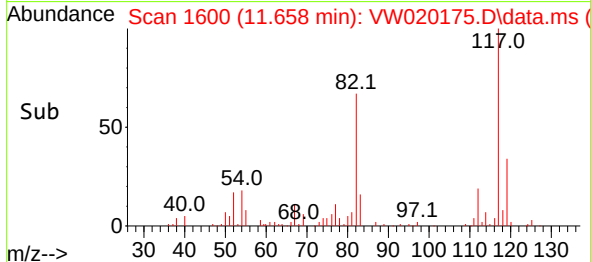
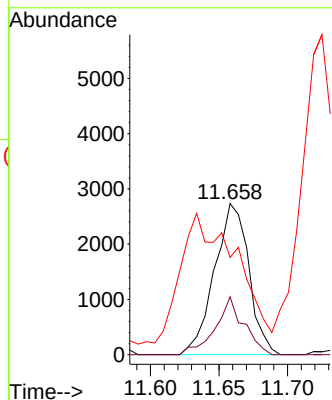
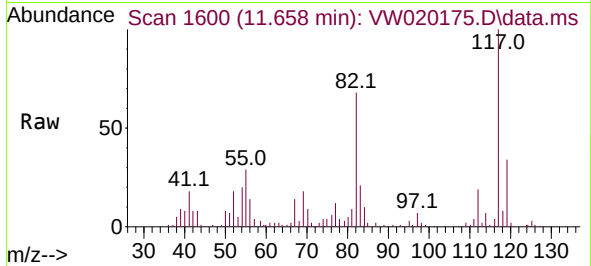




#51
Chlorobenzene
Concen: 0.347 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

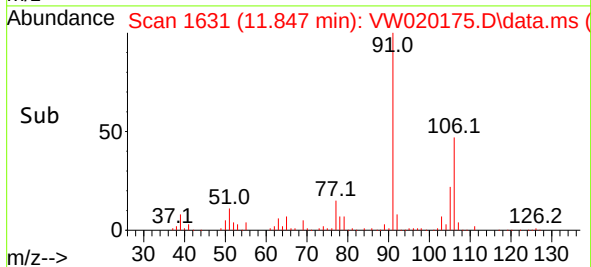
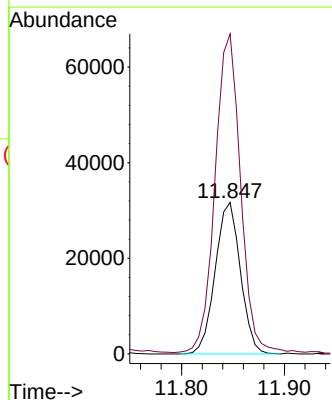
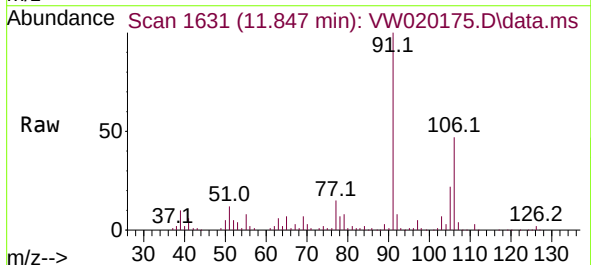
Instrument :
MSVOA_W
ClientSampleId :
EW7X0

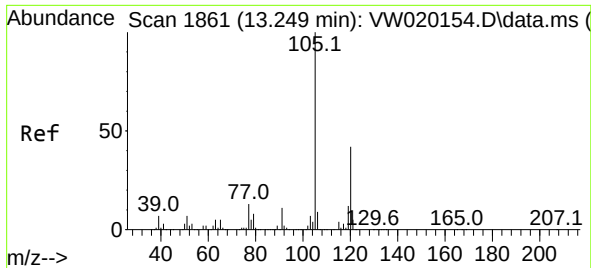
Tgt Ion:	112	Resp:	4761
Ion Ratio	Lower	Upper	
112	100		
114	38.3	21.9	40.7
77	64.4	48.0	72.0



#53
m,p-Xylene
Concen: 6.086 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW020175.D
Acq: 24 Sep 2021 04:11

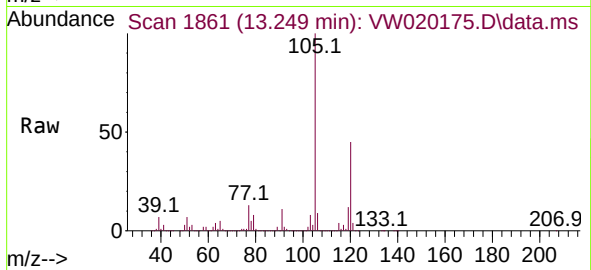
Tgt Ion:	106	Resp:	53868
Ion Ratio	Lower	Upper	
106	100		
91	211.3	146.4	271.8





#63
 1,2,4-Trimethylbenzene
 Concen: 250.037 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW020175.D
 Acq: 24 Sep 2021 04:11

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7X0



Tgt Ion:105 Resp: 2428353
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.2 54.4

