

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020484.D
 Acq On : 14 Oct 2021 11:10
 Operator : SY/VA
 Sample : M4181-14RE
 Misc : 5.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ2RE

Quant Time: Oct 14 23:36:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 23:35:04 2021
 Response via : Initial Calibration

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

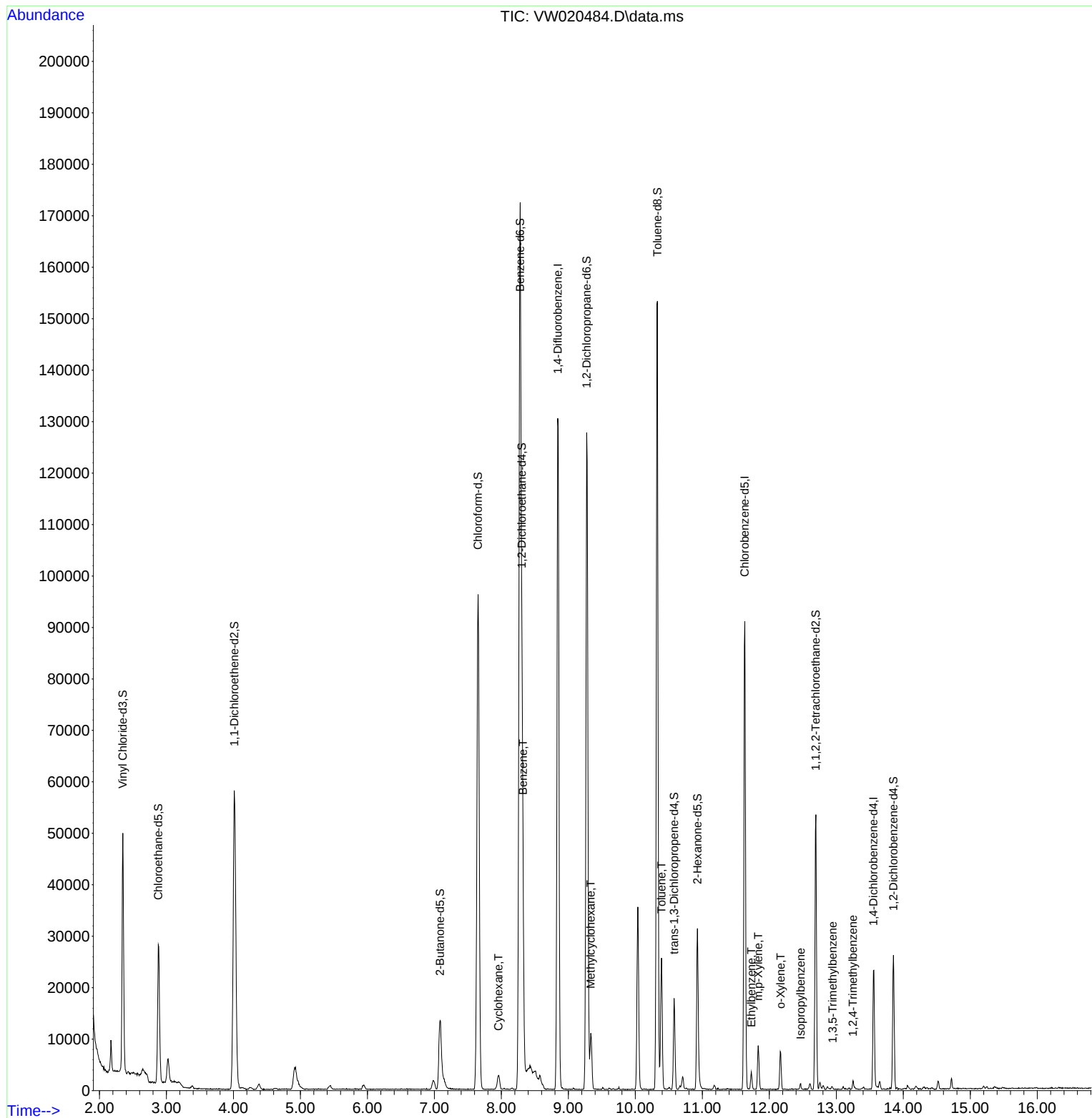
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	101718	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	47637	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5856	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43270	29.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.92%
7) Chloroethane-d5	2.879	69	27950	35.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	143.00%
11) 1,1-Dichloroethene-d2	4.013	63	60363	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.60%
21) 2-Butanone-d5	7.086	46	24360	54.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.16%
24) Chloroform-d	7.653	84	94642	29.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.76%
26) 1,2-Dichloroethane-d4	8.305	65	49089	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
32) Benzene-d6	8.281	84	164591	52.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	210.12%#
36) 1,2-Dichloropropane-d6	9.274	67	56733	55.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	222.20%#
41) Toluene-d8	10.329	98	96044	34.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	136.64%#
43) trans-1,3-Dichloroprop...	10.579	79	9169	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
47) 2-Hexanone-d5	10.927	63	9284	59.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.20%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	25942	33.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.44%#
66) 1,2-Dichlorobenzene-d4	13.853	152	6324	27.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.44%
Target Compounds						Qvalue
29) Cyclohexane	7.958	56	1473	1.06	ug/L	91
33) Benzene	8.323	78	8210	2.42	ug/L	100
35) Methylcyclohexane	9.335	83	3447	2.41	ug/L	91
42) Toluene	10.390	91	17366	5.10	ug/L	99
52) Ethylbenzene	11.731	91	2066	0.56	ug/L	94
53) m,p-Xylene	11.835	106	2294	1.68	ug/L	95
54) o-Xylene	12.170	106	1874	1.48	ug/L	94
60) Isopropylbenzene	12.469	105	783	0.91	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	375	0.53	ug/L #	71
63) 1,2,4-Trimethylbenzene	13.249	105	1067	1.54	ug/L #	84

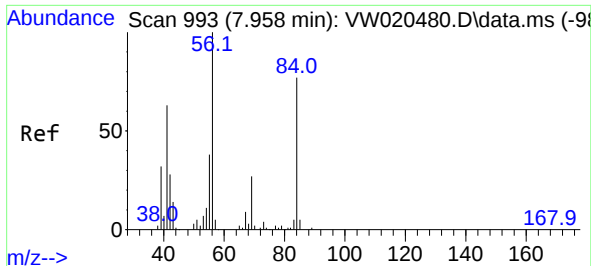
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020484.D
Acq On : 14 Oct 2021 11:10
Operator : SY/VA
Sample : M4181-14RE
Misc : 5.55g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ2RE

Quant Time: Oct 14 23:36:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 14 23:35:04 2021
Response via : Initial Calibration

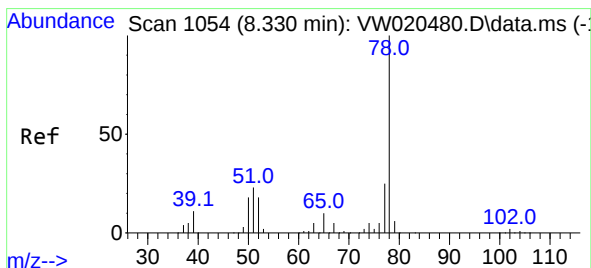
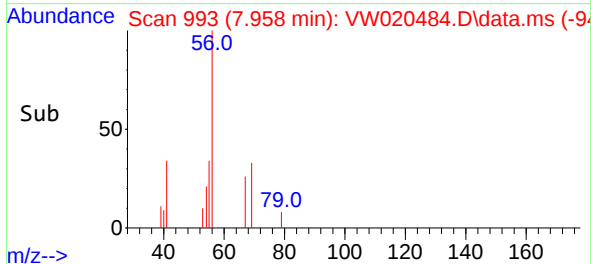
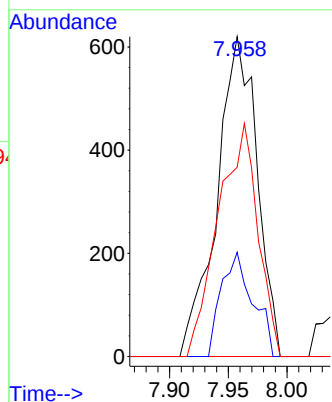
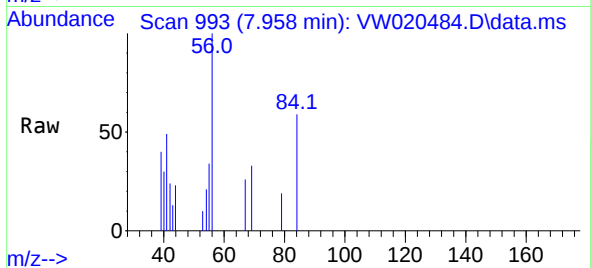




#29
Cyclohexane
Concen: 1.06 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

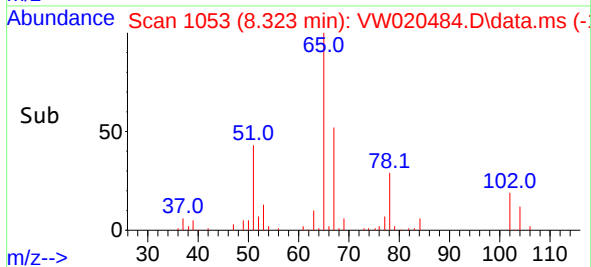
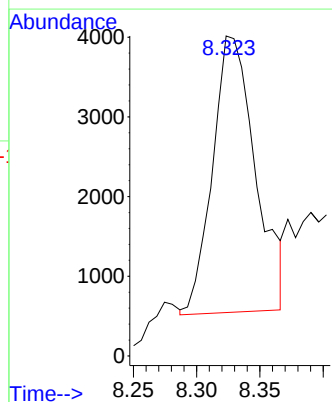
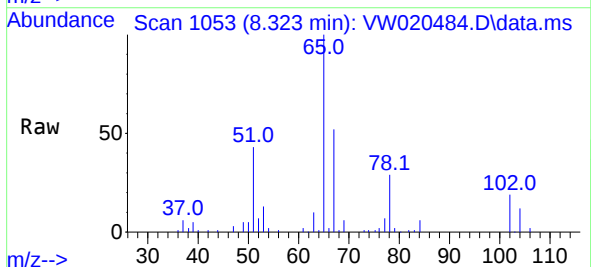
Instrument :
MSVOA_W
ClientSampleId :
C0AZ2RE

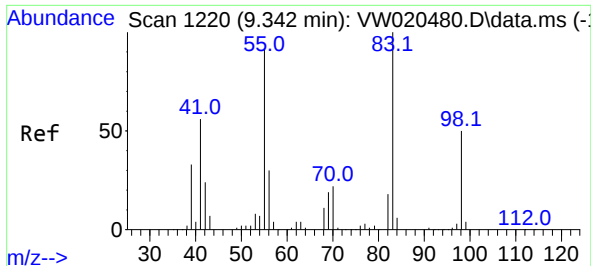
Tgt Ion: 56 Resp: 1473
Ion Ratio Lower Upper
56 100
69 23.3 23.2 34.8
84 71.9 63.7 95.5



#33
Benzene
Concen: 2.42 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

Tgt Ion: 78 Resp: 8210





#35

Methylcyclohexane

Concen: 2.41 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.006 min

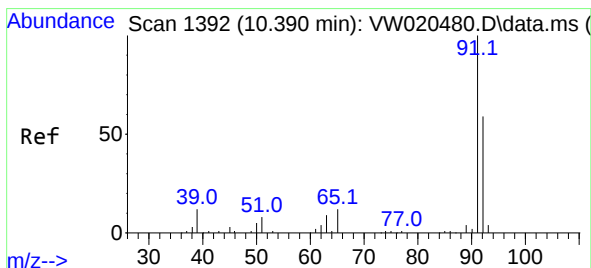
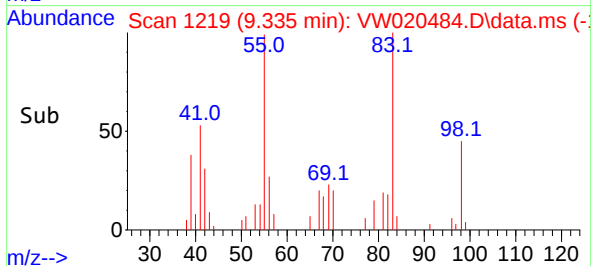
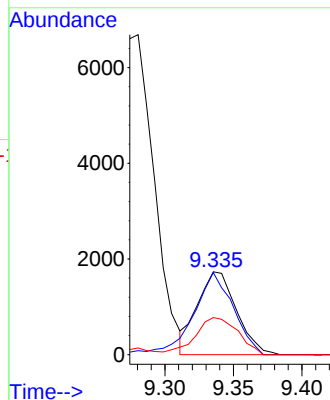
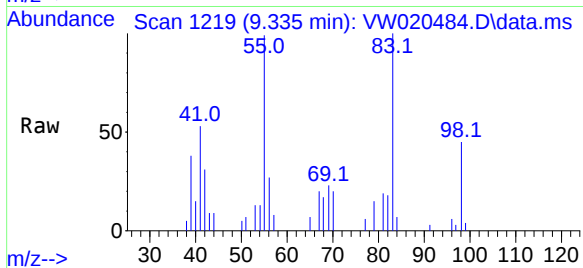
Lab File: VW020484.D

Acq: 14 Oct 2021 11:10

Tgt Ion: 83 Resp: 3447

Ion	Ratio	Lower	Upper
83	100		
55	99.3	69.7	104.5
98	48.6	38.2	57.2

Instrument :
MSVOA_W
ClientSampled :
C0AZ2RE



#42

Toluene

Concen: 5.10 ug/L

RT: 10.390 min Scan# 1392

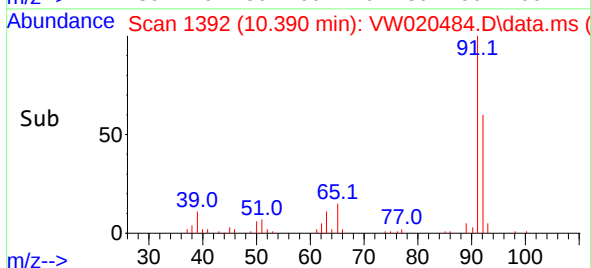
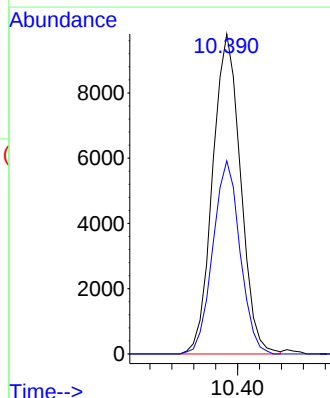
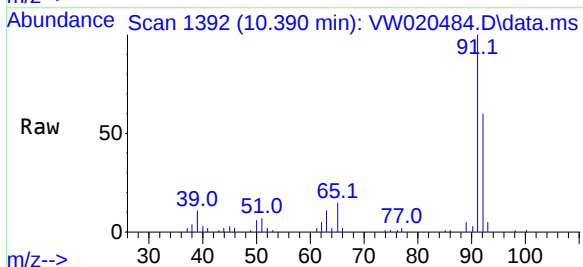
Delta R.T. -0.000 min

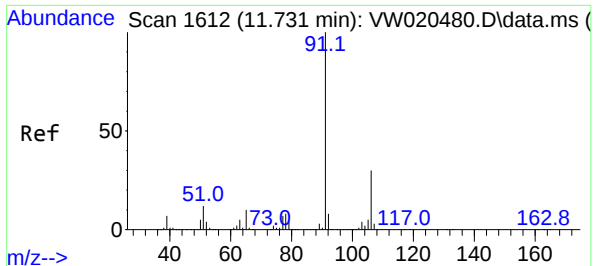
Lab File: VW020484.D

Acq: 14 Oct 2021 11:10

Tgt Ion: 91 Resp: 17366

Ion	Ratio	Lower	Upper
91	100		
92	60.3	41.5	77.1

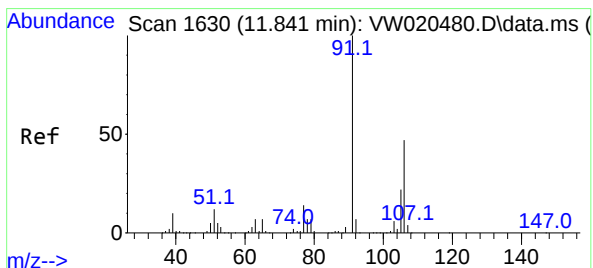
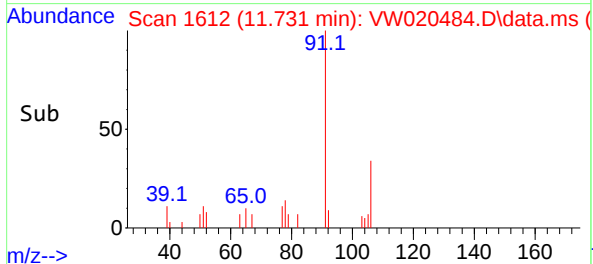
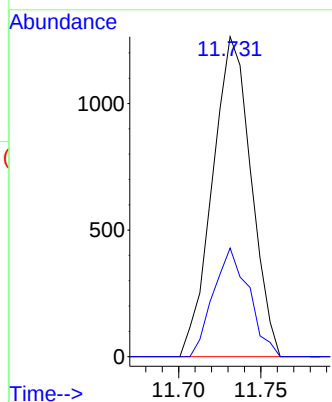
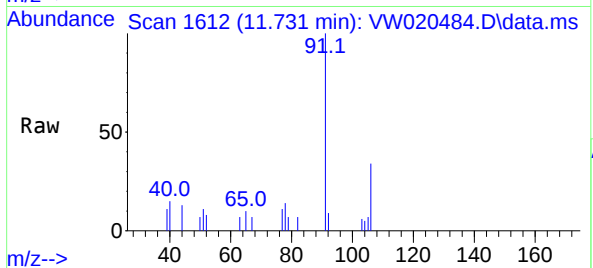




#52
Ethylbenzene
Concen: 0.56 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

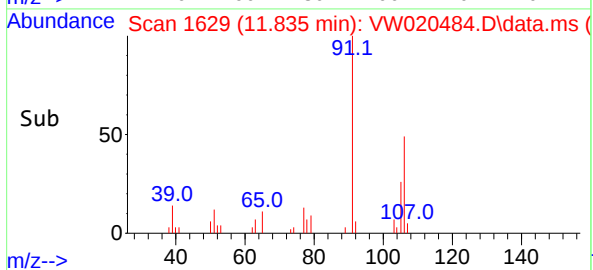
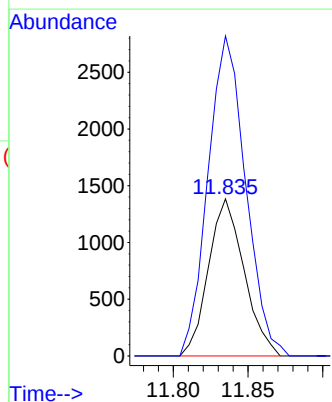
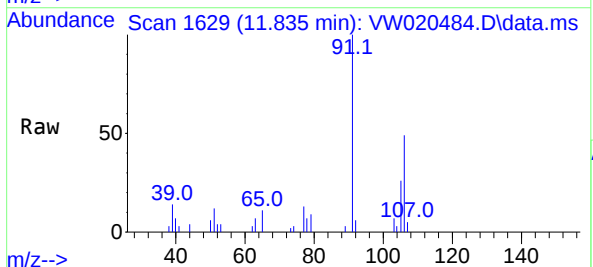
Instrument :
MSVOA_W
ClientSampleId :
C0AZ2RE

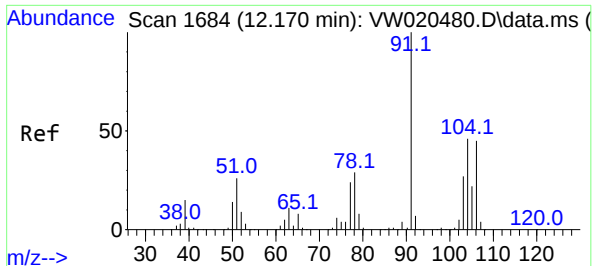
Tgt Ion: 91 Resp: 2066
Ion Ratio Lower Upper
91 100
106 33.9 21.3 39.5



#53
m,p-Xylene
Concen: 1.68 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

Tgt Ion:106 Resp: 2294
Ion Ratio Lower Upper
106 100
91 203.6 148.2 275.2

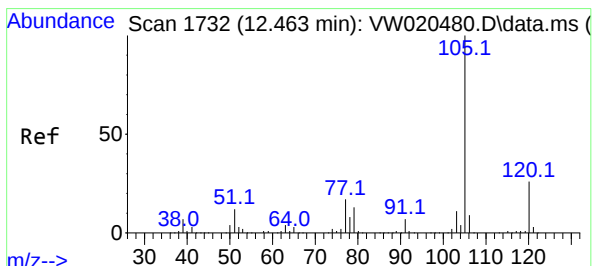
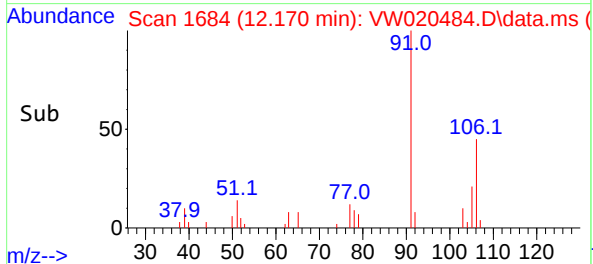
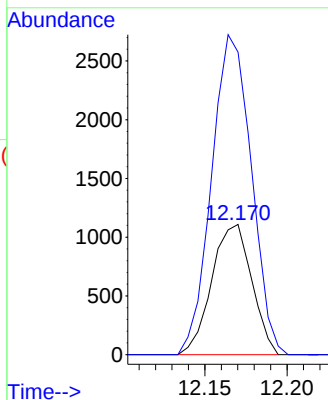
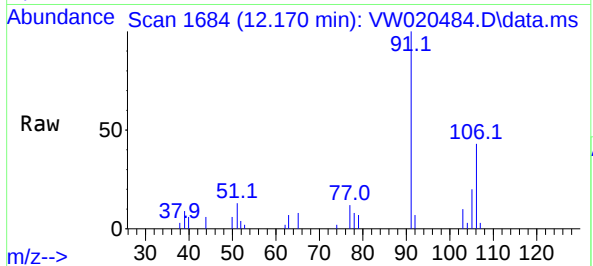




#54
o-Xylene
Concen: 1.48 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

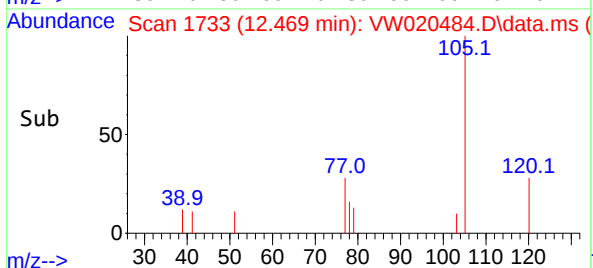
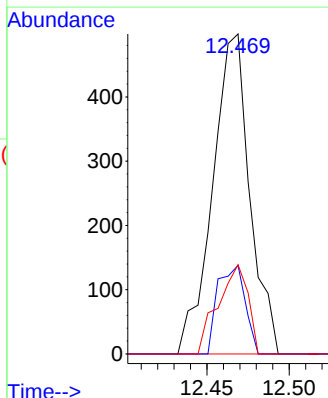
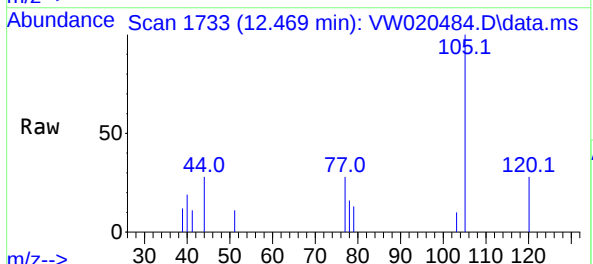
Instrument :
MSVOA_W
ClientSampled :
C0AZ2RE

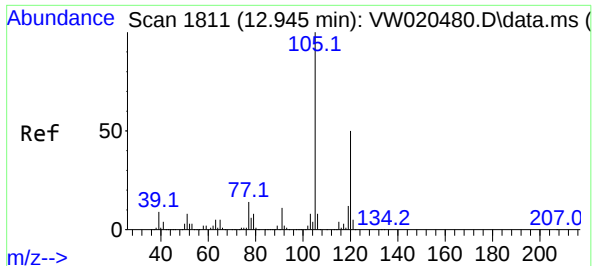
Tgt Ion:106 Resp: 1874
Ion Ratio Lower Upper
106 100
91 232.5 156.1 289.9



#60
Isopropylbenzene
Concen: 0.91 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

Tgt Ion:105 Resp: 783
Ion Ratio Lower Upper
105 100
120 20.3 20.3 30.5#
77 22.3 13.8 20.6#

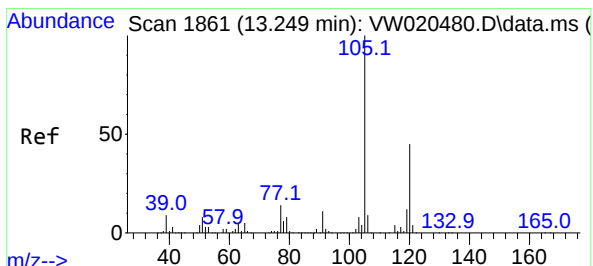
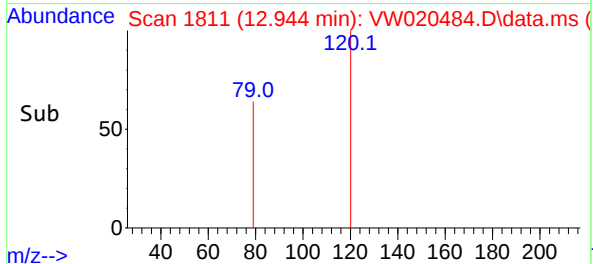
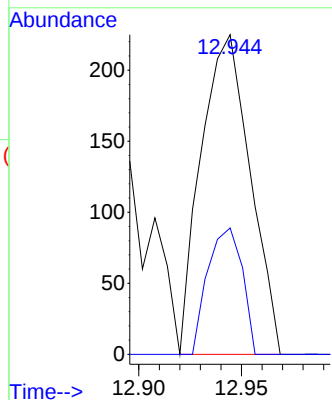
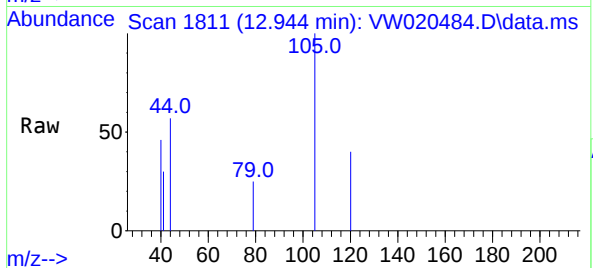




#62
1,3,5-Trimethylbenzene
Concen: 0.53 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

Instrument :
MSVOA_W
ClientSampled :
C0AZ2RE

Tgt Ion:105 Resp: 375
Ion Ratio Lower Upper
105 100
120 27.7 37.9 56.9#



#63
1,2,4-Trimethylbenzene
Concen: 1.54 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020484.D
Acq: 14 Oct 2021 11:10

Tgt Ion:105 Resp: 1067
Ion Ratio Lower Upper
105 100
120 34.1 35.4 53.2#

