

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020487.D
 Acq On : 14 Oct 2021 12:22
 Operator : SY/VA
 Sample : M4181-19RE
 Misc : 5.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B28RE

Quant Time: Oct 14 23:36:26 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)

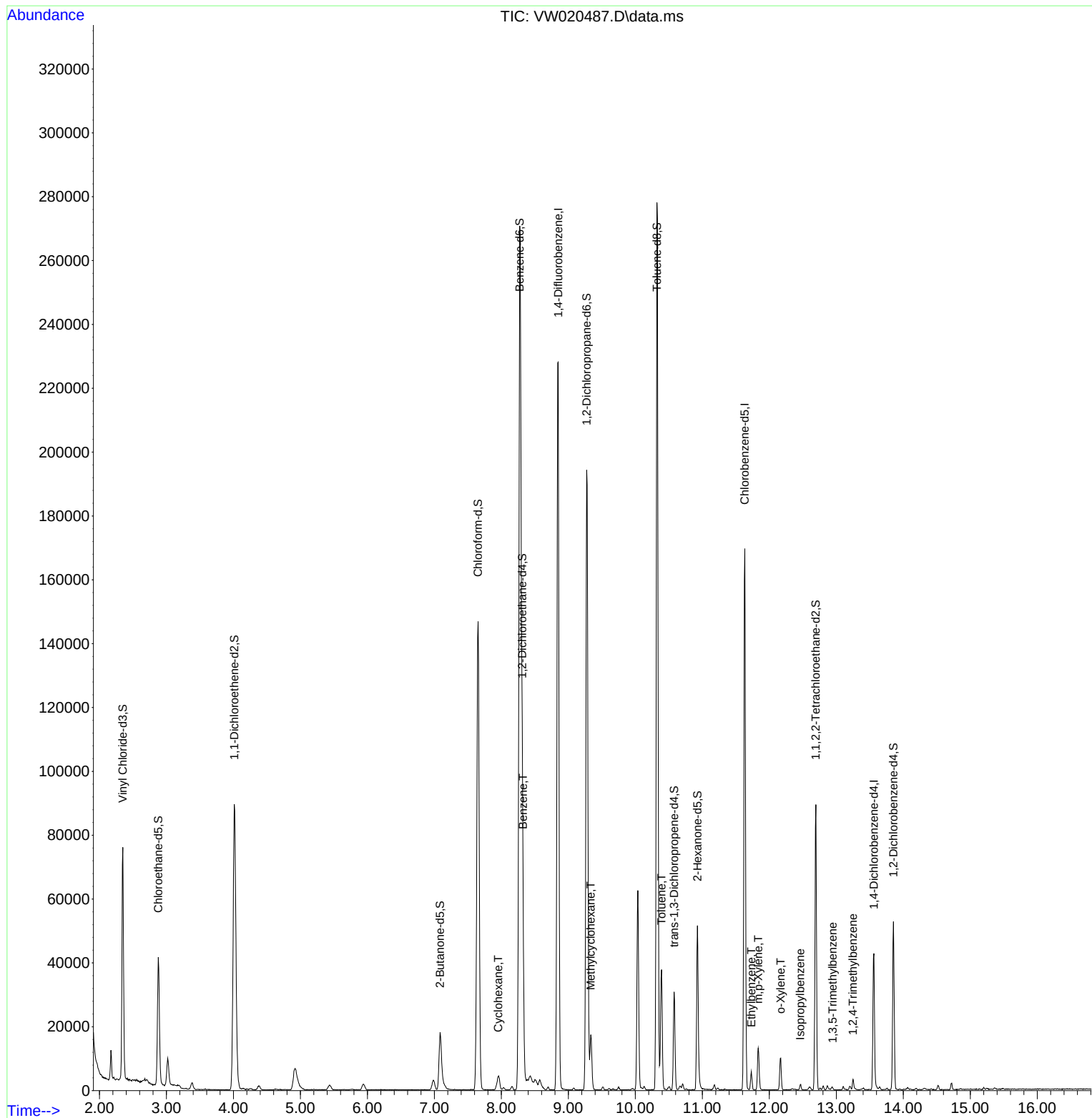
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	176784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	87282	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	10758	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	69572	27.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.20%			
7) Chloroethane-d5	2.879	69	41393	30.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.84%			
11) 1,1-Dichloroethene-d2	4.013	63	92187	17.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.96%			
21) 2-Butanone-d5	7.086	46	31029	39.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.28%			
24) Chloroform-d	7.653	84	146438	25.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.96%			
26) 1,2-Dichloroethane-d4	8.311	65	72359	22.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.92%			
32) Benzene-d6	8.274	84	261999	45.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 182.52%#			
36) 1,2-Dichloropropane-d6	9.274	67	88606	47.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 189.40%#			
41) Toluene-d8	10.323	98	173634	33.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 134.84%#			
43) trans-1,3-Dichloroprop...	10.579	79	16104	21.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.72%			
47) 2-Hexanone-d5	10.926	63	15378	53.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.84%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	43067	30.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.80%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	12595	29.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 119.72%			
Target Compounds						Qvalue
29) Cyclohexane	7.951	56	2157	0.84	ug/L	# 67
33) Benzene	8.323	78	11126	1.79	ug/L	100
35) Methylcyclohexane	9.335	83	5447	2.08	ug/L	94
42) Toluene	10.390	91	26202	4.20	ug/L	98
52) Ethylbenzene	11.731	91	3354	0.50	ug/L	93
53) m,p-Xylene	11.835	106	3629	1.45	ug/L	97
54) o-Xylene	12.170	106	2643	1.14	ug/L	97
60) Isopropylbenzene	12.463	105	1190	0.75	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	477	0.37	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1862	1.46	ug/L	94

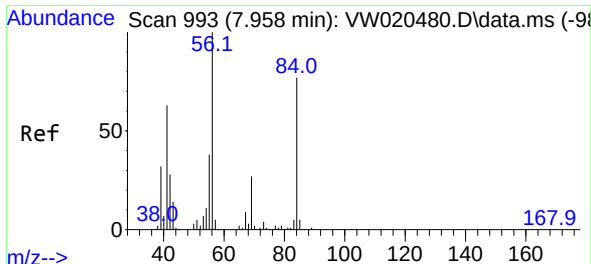
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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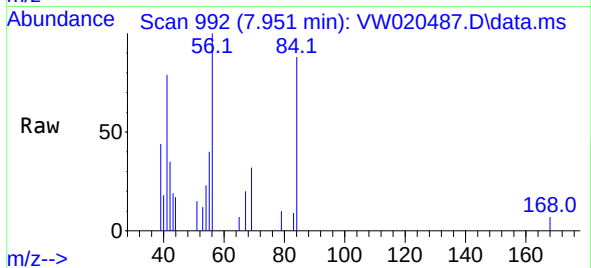
Quant Time: Oct 14 23:36:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 14 23:35:04 2021
Response via : Initial Calibration



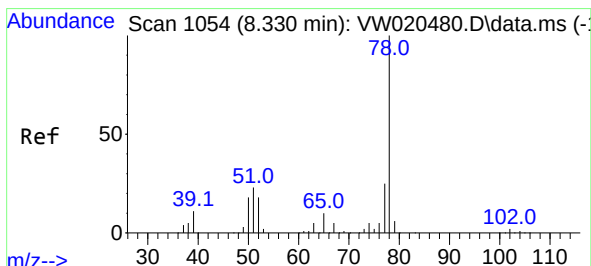
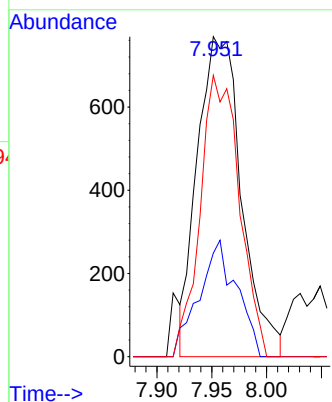
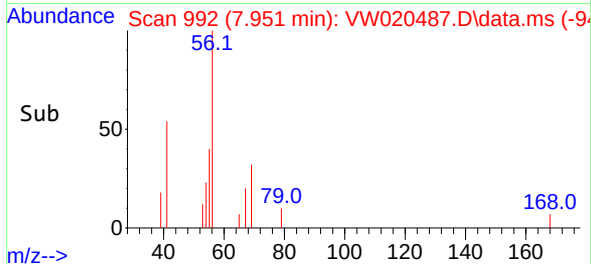


#29
Cyclohexane
Concen: 0.84 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Instrument :
MSVOA_W
ClientSampled :
C0B28RE

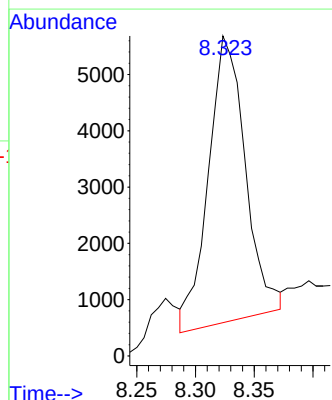
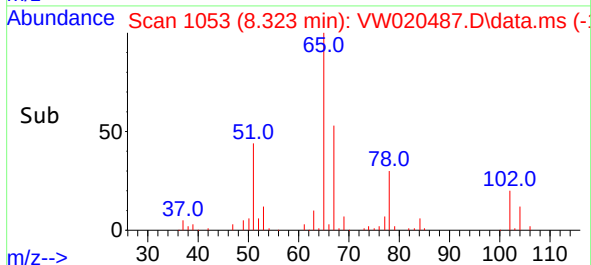
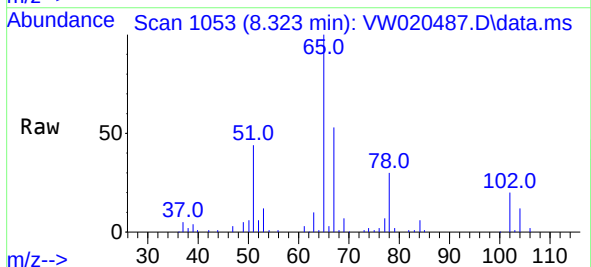


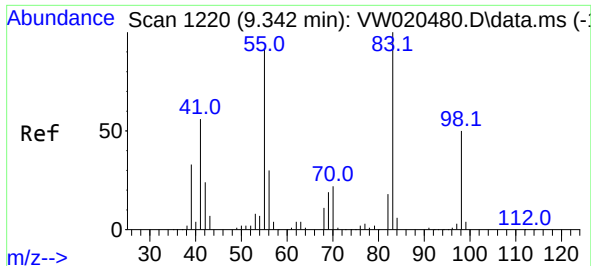
Tgt Ion: 56 Resp: 2157
Ion Ratio Lower Upper
56 100
69 22.2 23.2 34.8#
84 43.6 63.7 95.5#



#33
Benzene
Concen: 1.79 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion: 78 Resp: 11126

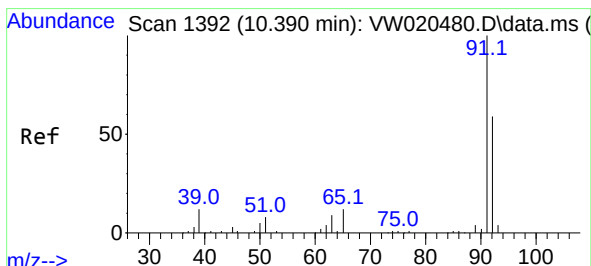
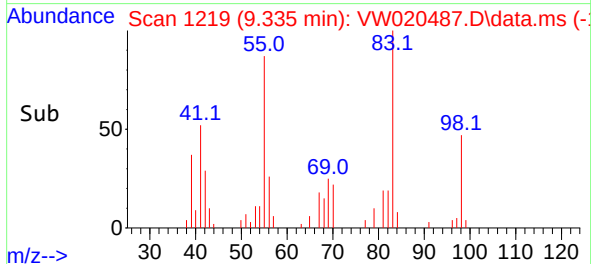
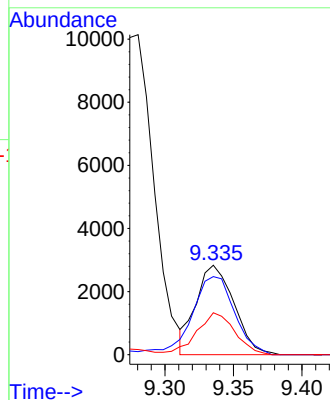
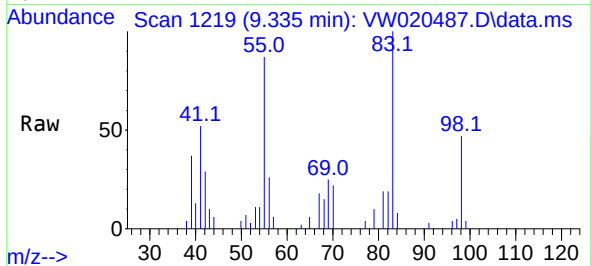




#35
Methylcyclohexane
Concen: 2.08 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

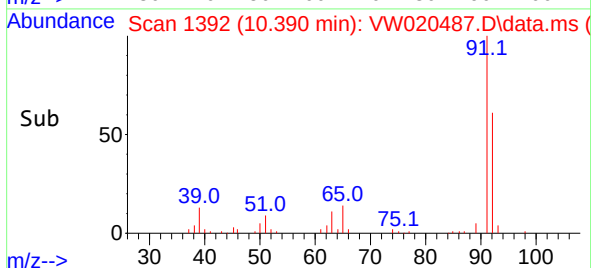
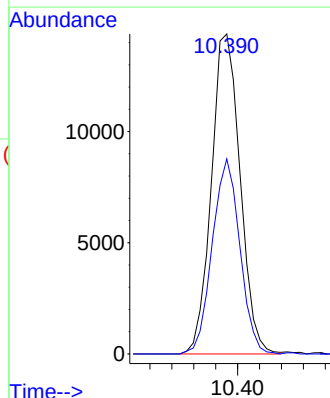
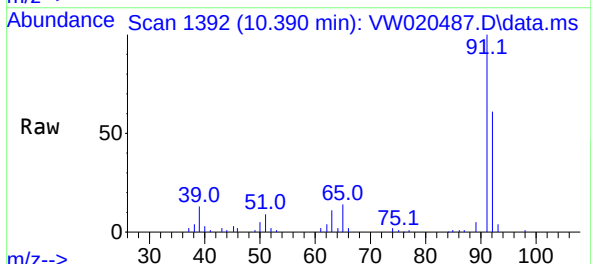
Instrument :
MSVOA_W
ClientSampled :
C0B28RE

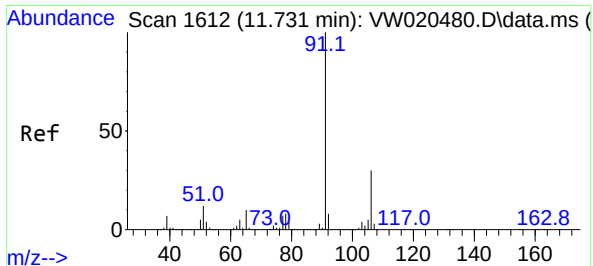
Tgt Ion: 83 Resp: 5447
Ion Ratio Lower Upper
83 100
55 95.7 69.7 104.5
98 47.1 38.2 57.2



#42
Toluene
Concen: 4.20 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion: 91 Resp: 26202
Ion Ratio Lower Upper
91 100
92 60.9 41.5 77.1

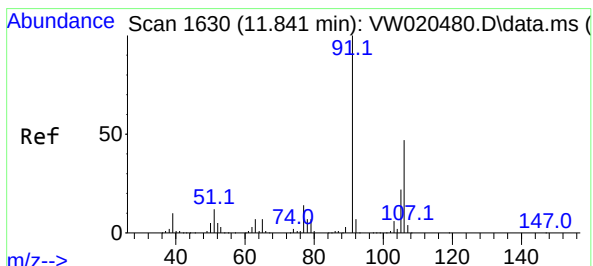
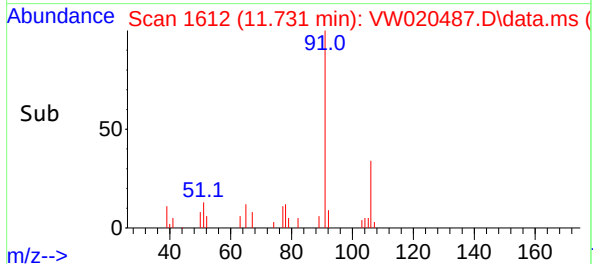
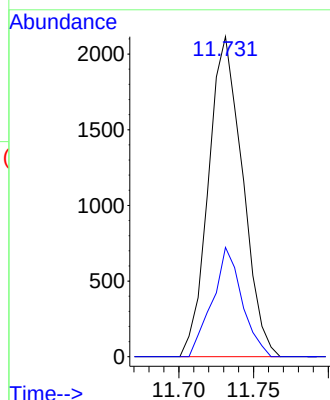
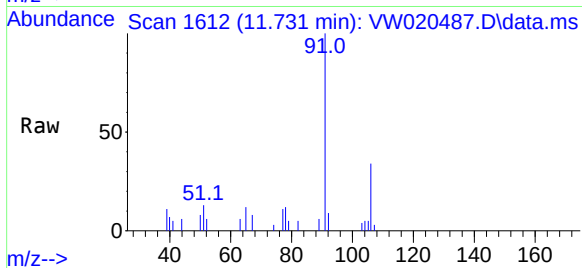




#52
Ethylbenzene
Concen: 0.50 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

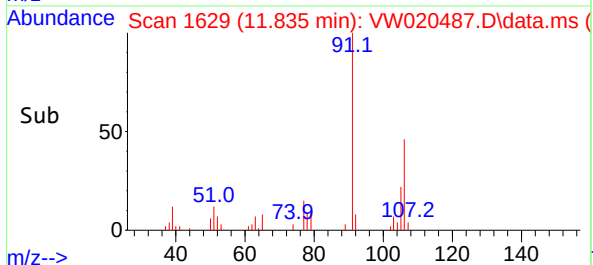
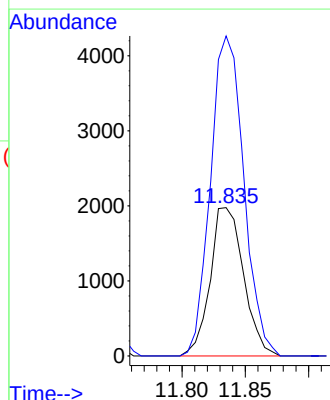
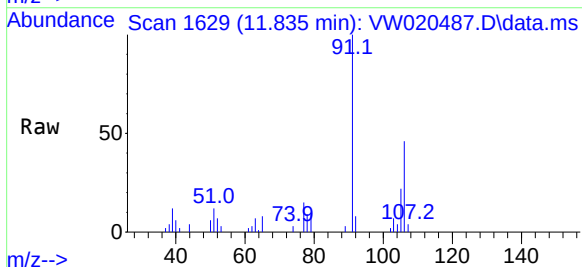
Instrument :
MSVOA_W
ClientSampleId :
C0B28RE

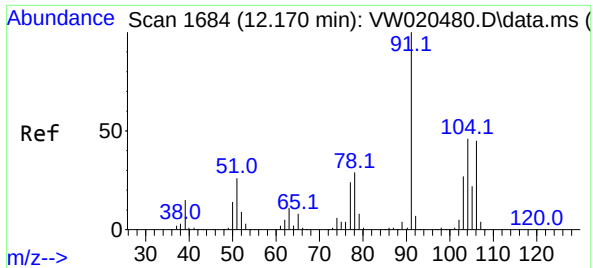
Tgt Ion: 91 Resp: 3354
Ion Ratio Lower Upper
91 100
106 34.2 21.3 39.5



#53
m,p-Xylene
Concen: 1.45 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion:106 Resp: 3629
Ion Ratio Lower Upper
106 100
91 215.7 148.2 275.2

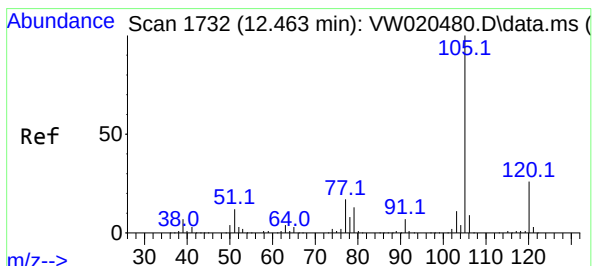
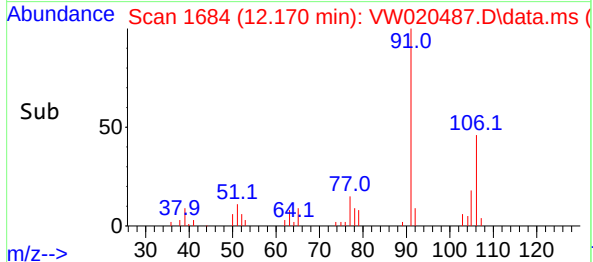
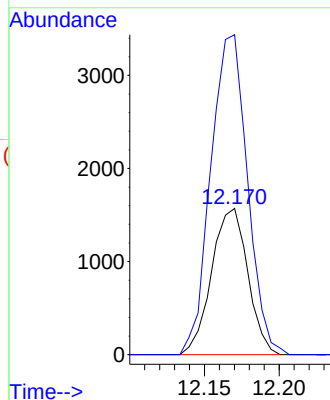
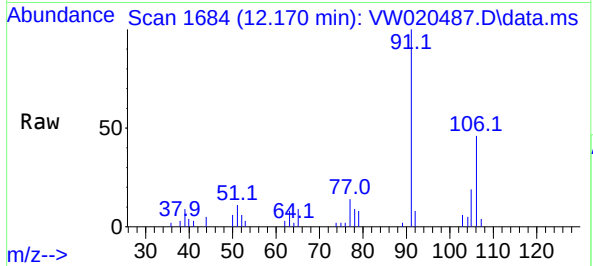




#54
o-Xylene
Concen: 1.14 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

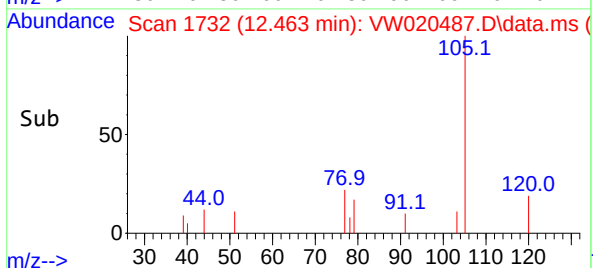
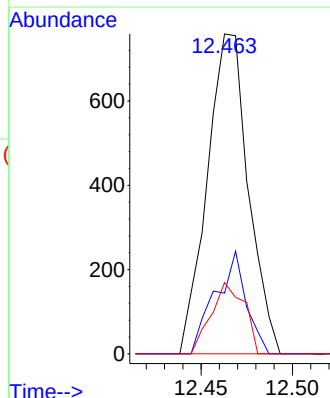
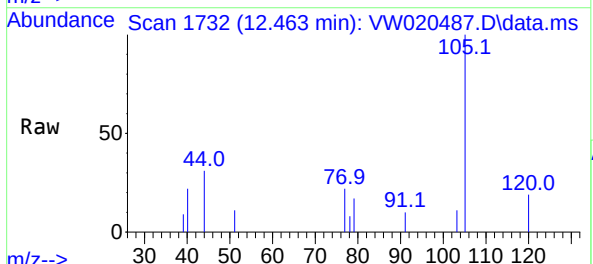
Instrument :
MSVOA_W
ClientSampled :
C0B28RE

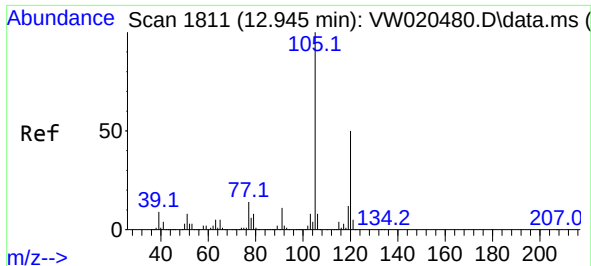
Tgt Ion:106 Resp: 2643
Ion Ratio Lower Upper
106 100
91 218.9 156.1 289.9



#60
Isopropylbenzene
Concen: 0.75 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion:105 Resp: 1190
Ion Ratio Lower Upper
105 100
120 24.1 20.3 30.5
77 17.9 13.8 20.6

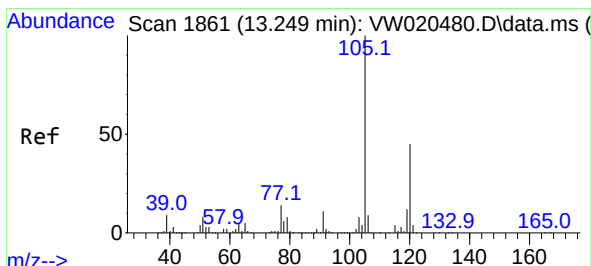
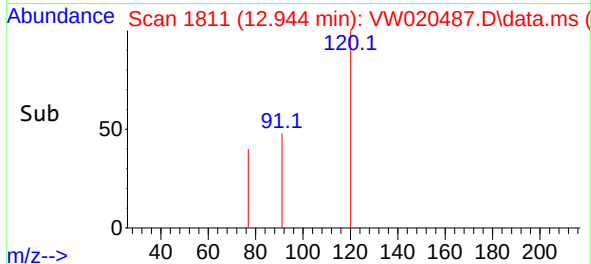
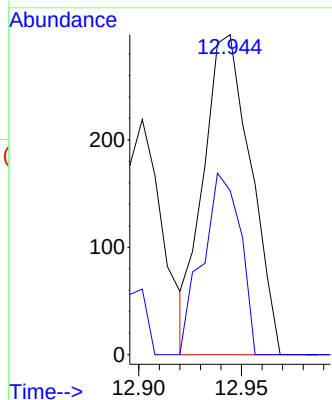
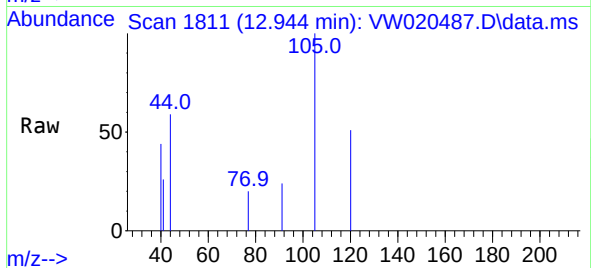




#62
1,3,5-Trimethylbenzene
Concen: 0.37 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :
C0B28RE

Tgt Ion:105 Resp: 477
Ion Ratio Lower Upper
105 100
120 45.5 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 1.46 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion:105 Resp: 1862
Ion Ratio Lower Upper
105 100
120 40.7 35.4 53.2

