Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021550.D
Acq On : 22 Dec 2021 02:17
Operator : SY/VA
Sample : M5194-17
Misc : 6.82g/10.0mL/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLC9

Quant Time: Dec 22 03:53:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	89082	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	89969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	51301	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	24028	14.810	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.240%			
7) Chloroethane-d5	2.892	69	18120	16.894	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.560%			
11) 1,1-Dichloroethene-d2	4.019	63	33704	15.582	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.320%			
21) 2-Butanone-d5	7.080	46	11463	50.123	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.240%			
24) Chloroform-d	7.647	84	56694	22.837	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.360%			
26) 1,2-Dichloroethane-d4	8.305	65	31695	24.002	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	8.275	84	106155	21.526	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.120%			
36) 1,2-Dichloropropane-d6	9.275	67	30876	23.345	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.400%			
41) Toluene-d8	10.323	98	108522	21.538	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.160%			
43) trans-1,3-Dichloroprop...	10.579	79	12484	20.500	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.000%			
47) 2-Hexanone-d5	10.927	63	8656	44.260	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.520%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	23364	20.550	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	41776	21.012	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.040%			
Target Compounds						Qvalue
13) Acetone	4.123	43	2833	13.818	ug/L	93
20) cis-1,2-Dichloroethene	7.171	96	1095	0.868	ug/L	69
33) Benzene	8.324	78	25184	5.138	ug/L	100
42) Toluene	10.390	91	31695	5.529	ug/L	95
52) Ethylbenzene	11.731	91	3582673	546.948	ug/L	96
53) m,p-Xylene	11.835	106	4159495	1574.103	ug/L	79
54) o-Xylene	12.164	106	1059046	422.301	ug/L	95
60) Isopropylbenzene	12.463	105	28221	4.048	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	145187	24.476	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	484100	82.731	ug/L	94

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

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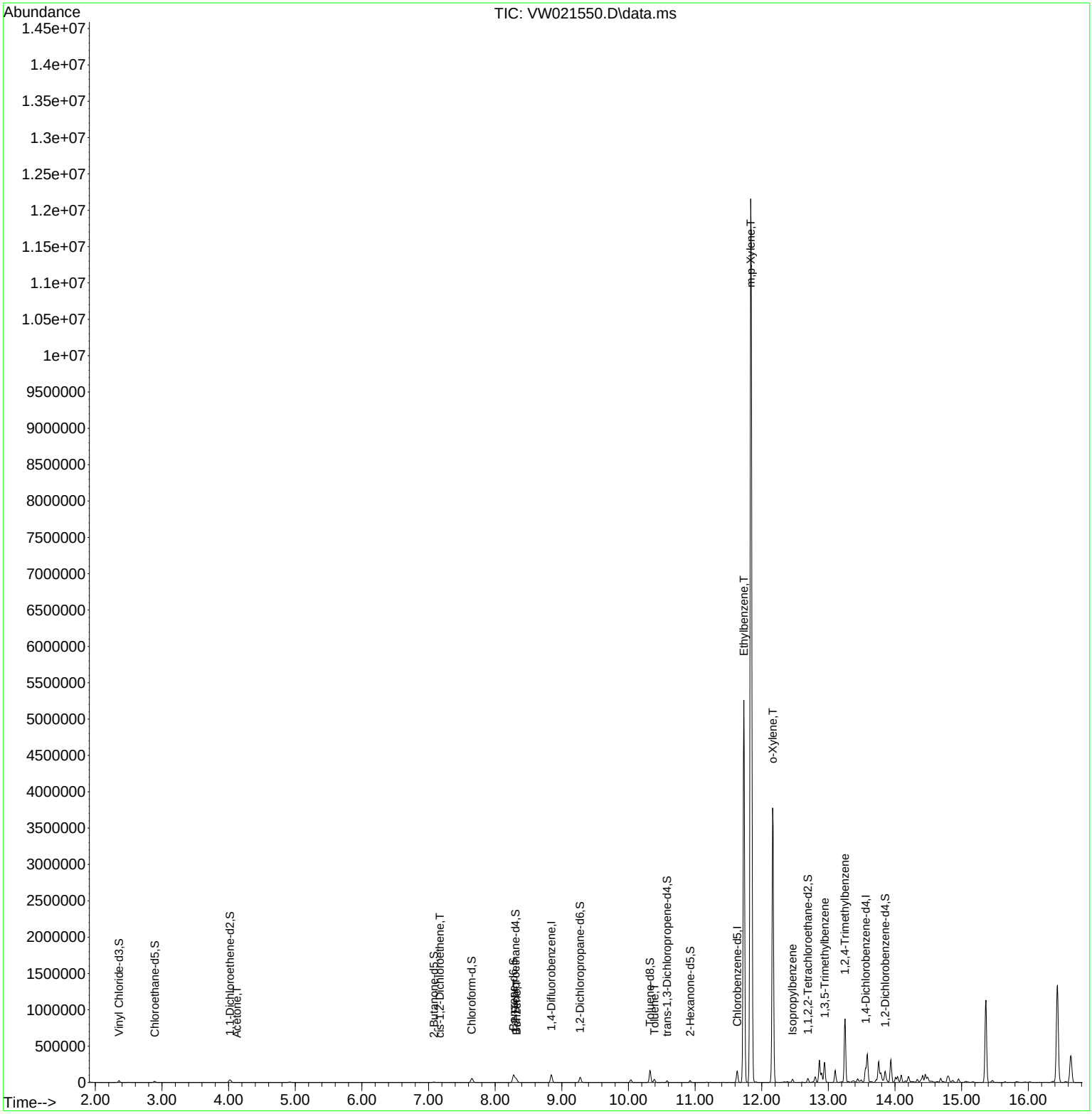
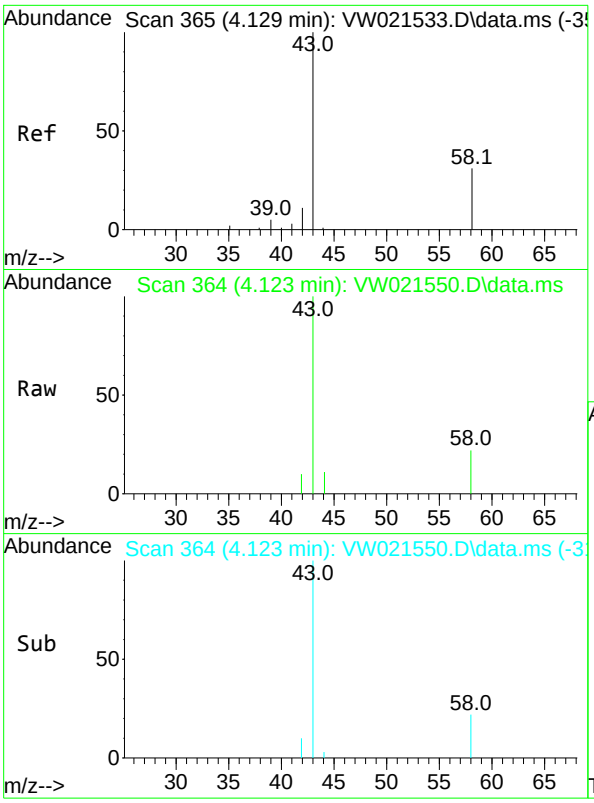


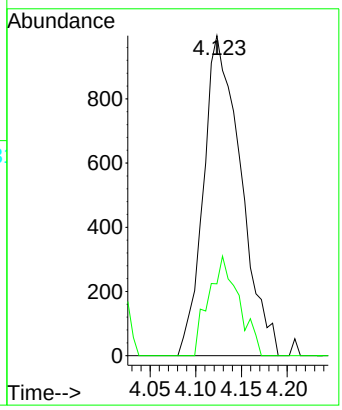


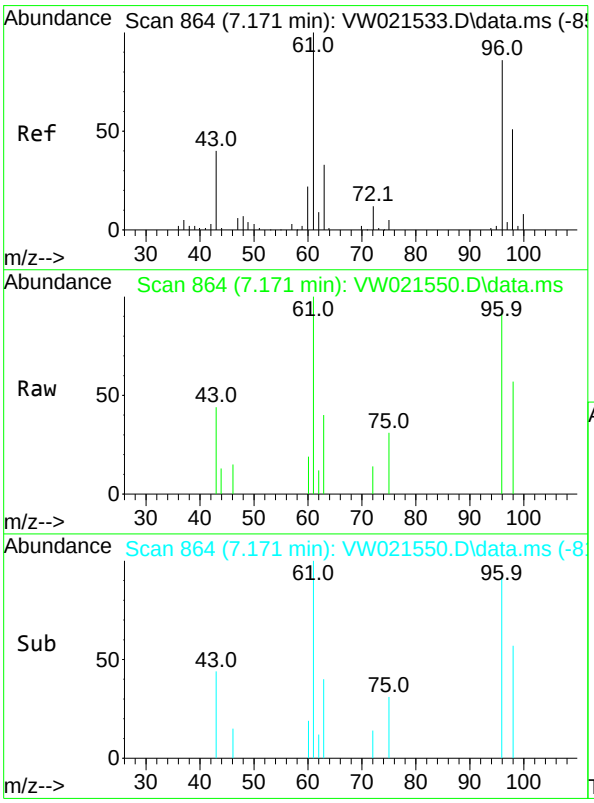
#13
Acetone
Concen: 13.818 ug/L
RT: 4.123 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Instrument :
MSVOA_W
ClientSampleId :
BGLC9

Tgt Ion: 43 Resp: 2833

Ion	Ratio	Lower	Upper
43	100		
58	22.8	0.0	52.8

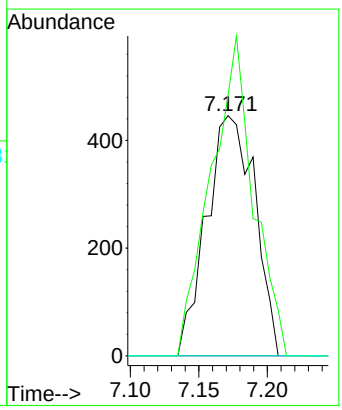


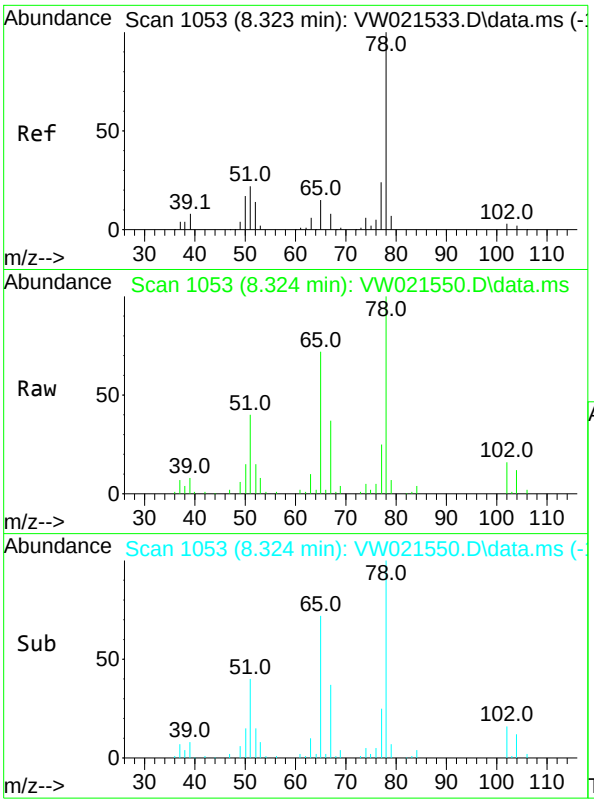


#20
cis-1,2-Dichloroethene
Concen: 0.868 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Tgt Ion: 96 Resp: 1095

Ion	Ratio	Lower	Upper
96	100		
61	108.5	103.7	192.7
68	0.0	0.0	0.0

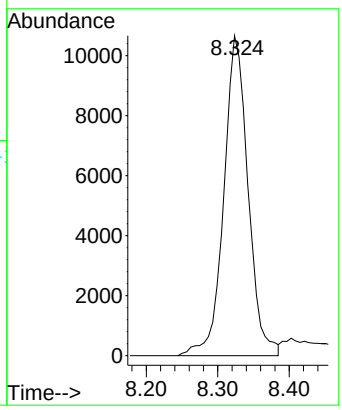


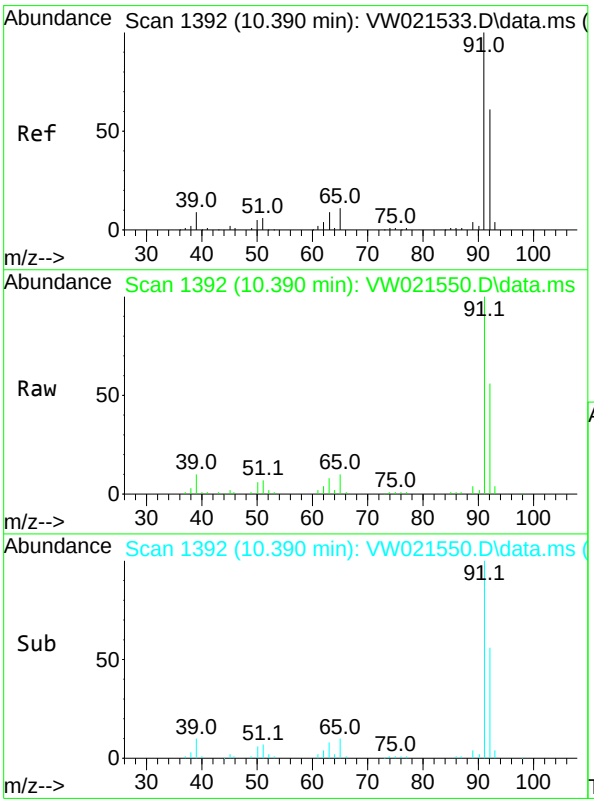


#33
Benzene
Concen: 5.138 ug/L
RT: 8.324 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Instrument :
MSVOA_W
ClientSampleId :
BGLC9

Tgt Ion: 78 Resp: 25184

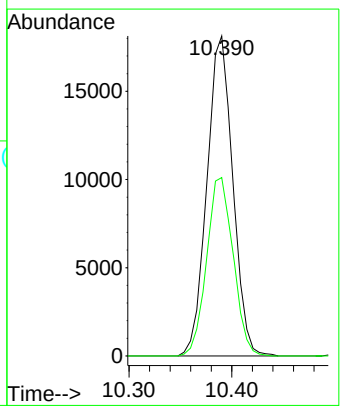


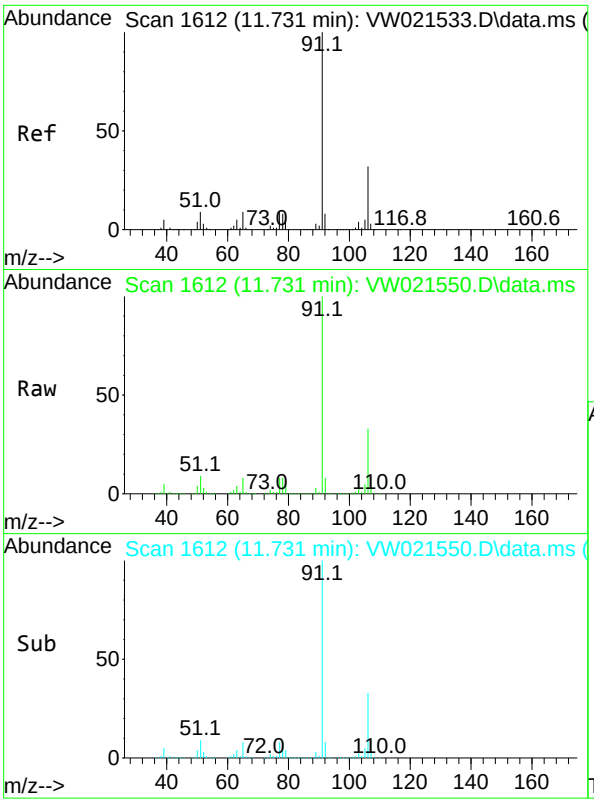


#42
Toluene
Concen: 5.529 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Tgt Ion: 91 Resp: 31695

Ion	Ratio	Lower	Upper
91	100		
92	55.7	41.7	77.5



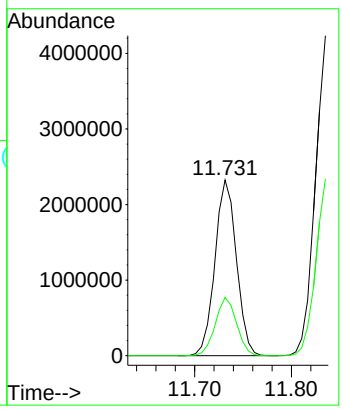


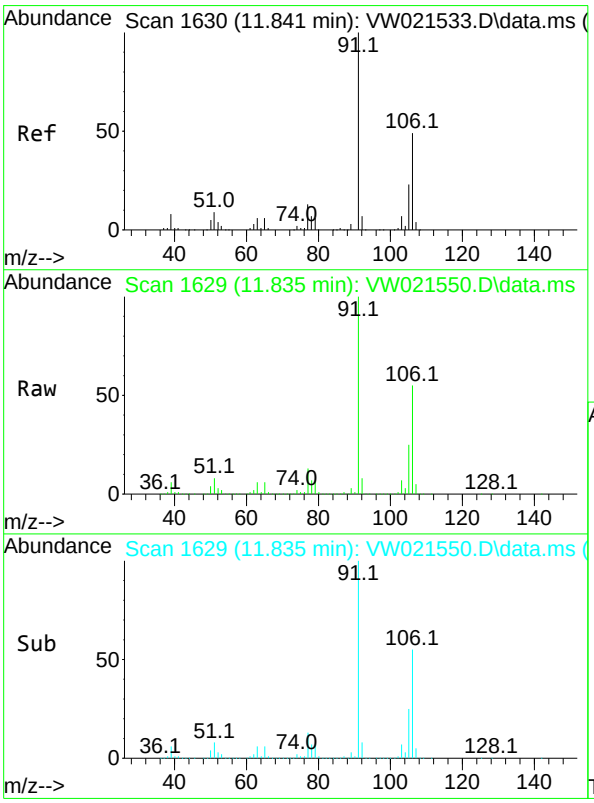
#52
Ethylbenzene
Concen: 546.948 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Instrument :
MSVOA_W
ClientSampleId :
BGLC9

Tgt Ion: 91 Resp: 3582673

Ion	Ratio	Lower	Upper
91	100		
106	33.1	21.5	39.9

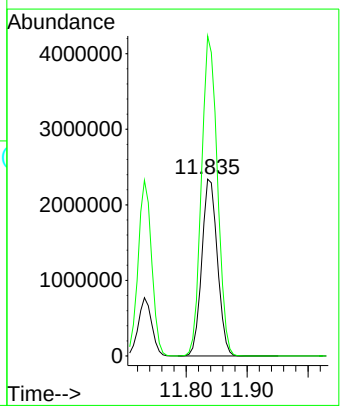


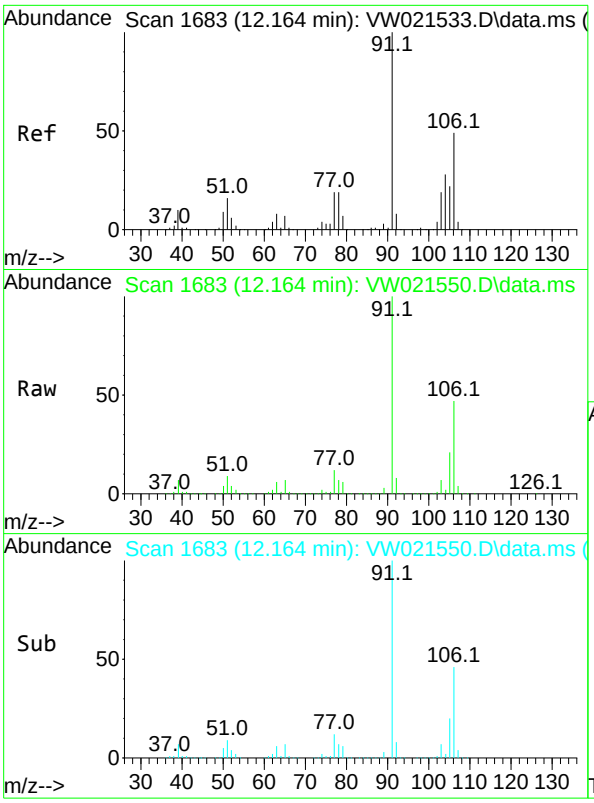


#53
m,p-Xylene
Concen: 1574.103 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Tgt Ion:106 Resp: 4159495

Ion	Ratio	Lower	Upper
106	100		
91	181.0	149.9	278.3



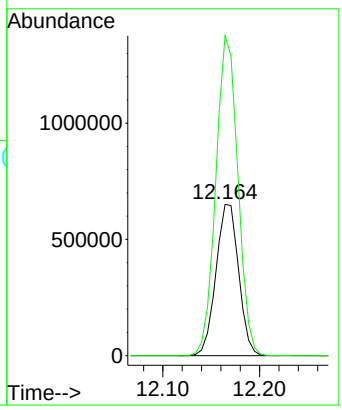


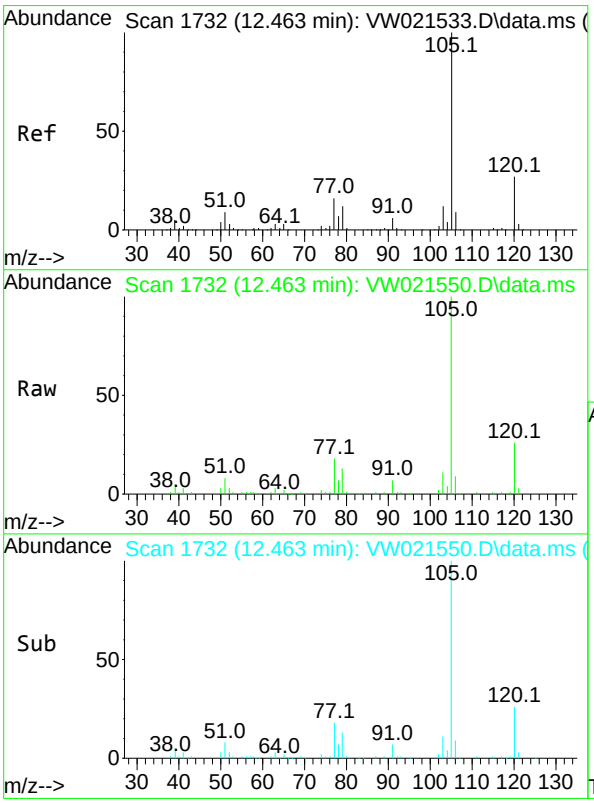
#54
o-Xylene
Concen: 422.301 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Instrument :
MSVOA_W
ClientSampleId :
BGLC9

Tgt Ion:106 Resp: 1059046

Ion	Ratio	Lower	Upper
106	100		
91	211.3	153.6	285.3

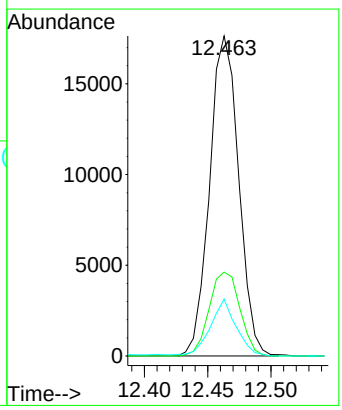


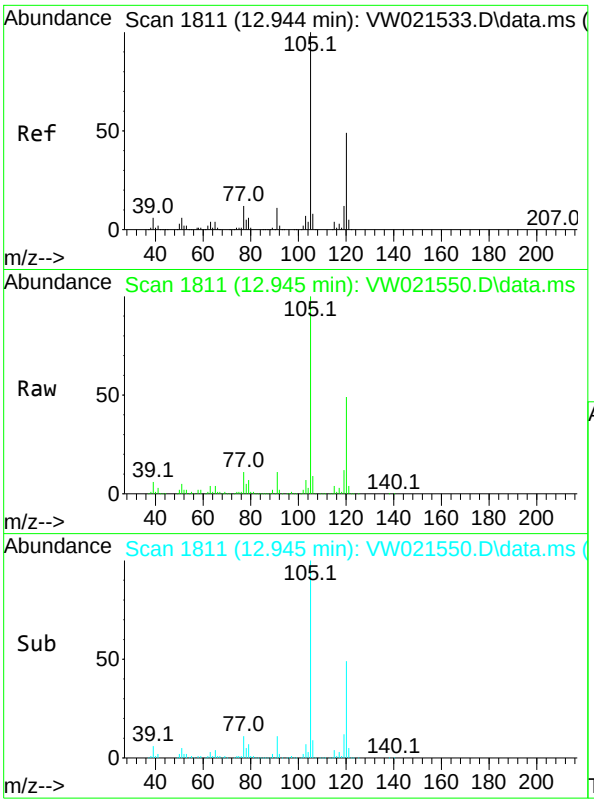


#60
Isopropylbenzene
Concen: 4.048 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Tgt Ion:105 Resp: 28221

Ion	Ratio	Lower	Upper
105	100		
120	27.6	20.1	30.1
77	15.8	13.8	20.8



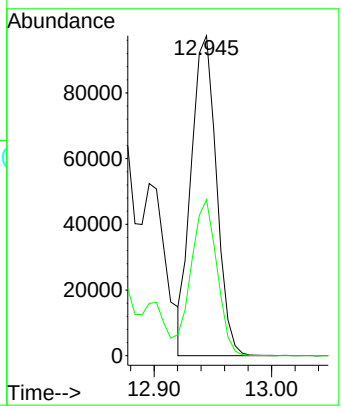


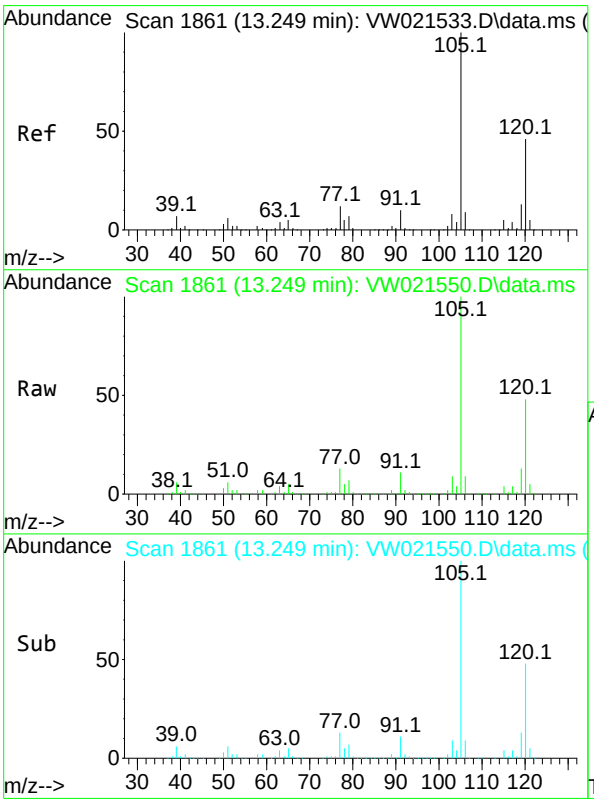
#62
1,3,5-Trimethylbenzene
Concen: 24.476 ug/L
RT: 12.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Instrument :
MSVOA_W
ClientSampleId :
BGLC9

Tgt Ion:105 Resp: 145187

Ion	Ratio	Lower	Upper
105	100		
120	50.2	37.4	56.2





#63
1,2,4-Trimethylbenzene
Concen: 82.731 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021550.D
Acq: 22 Dec 2021 02:17

Tgt Ion:105 Resp: 484100

Ion	Ratio	Lower	Upper
105	100		
120	47.4	35.0	52.6