Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022016.D
Acq On : 01 Feb 2022 21:08
Operator : SY/VA
Sample : N1353-02
Misc : 4.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Quant Time: Feb 02 01:17:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	153833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	145416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41272	22.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.080%			
7) Chloroethane-d5	2.885	69	27616	19.359	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.440%			
11) 1,1-Dichloroethene-d2	4.019	63	50744	15.500	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.000%			
21) 2-Butanone-d5	7.092	46	14588	44.386	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.780%			
24) Chloroform-d	7.653	84	72221	20.179	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.720%			
26) 1,2-Dichloroethane-d4	8.305	65	37636	21.136	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.560%			
32) Benzene-d6	8.275	84	148928	20.266	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.080%			
36) 1,2-Dichloropropane-d6	9.274	67	42666	21.346	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.400%			
41) Toluene-d8	10.323	98	158771	21.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.200%			
43) trans-1,3-Dichloroprop...	10.579	79	17560	20.059	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.240%			
47) 2-Hexanone-d5	10.921	63	13700	47.144	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.280%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32466	19.915	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.640%			
66) 1,2-Dichlorobenzene-d4	13.853	152	52748	20.008	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.040%			
Target Compounds						Qvalue
13) Acetone	4.135	43	583246	1900.137	ug/L	99
22) 2-Butanone	7.171	43	282077	709.772	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	3400727	4139.216	ug/L	98
42) Toluene	10.390	91	18174	2.103	ug/L	93
52) Ethylbenzene	11.731	91	18579	1.948	ug/L	92
53) m,p-Xylene	11.835	106	33616	8.497	ug/L	97
54) o-Xylene	12.164	106	12235	3.306	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	4366	0.689	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	16366	2.121	ug/L	97

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

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Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
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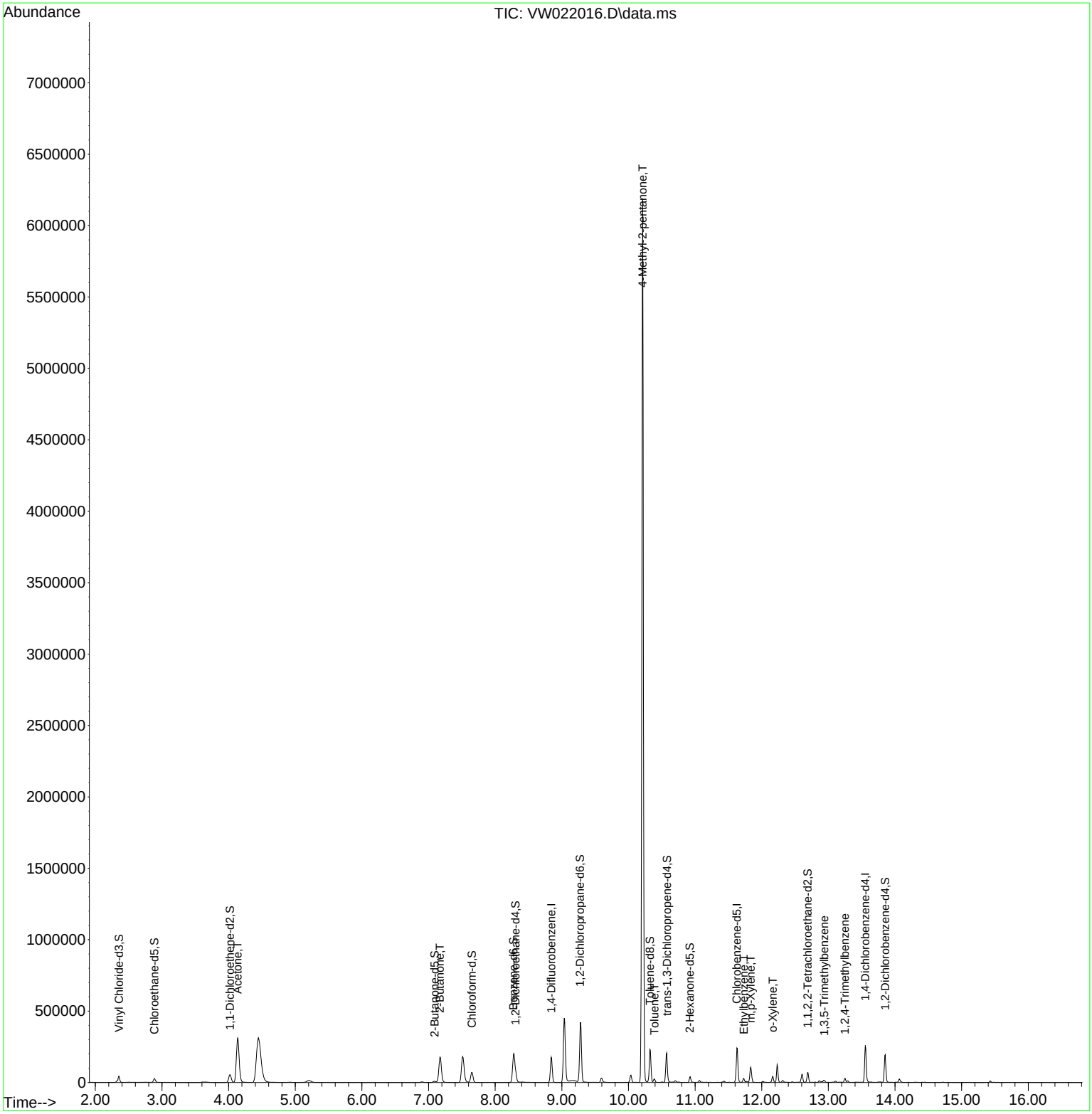
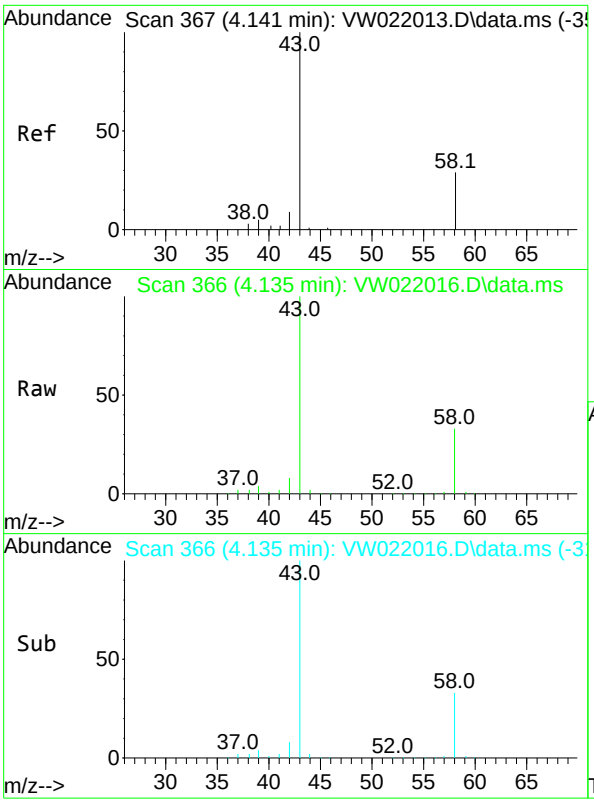


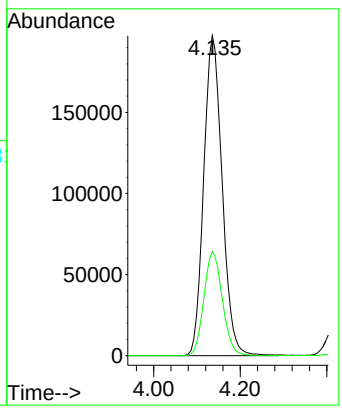


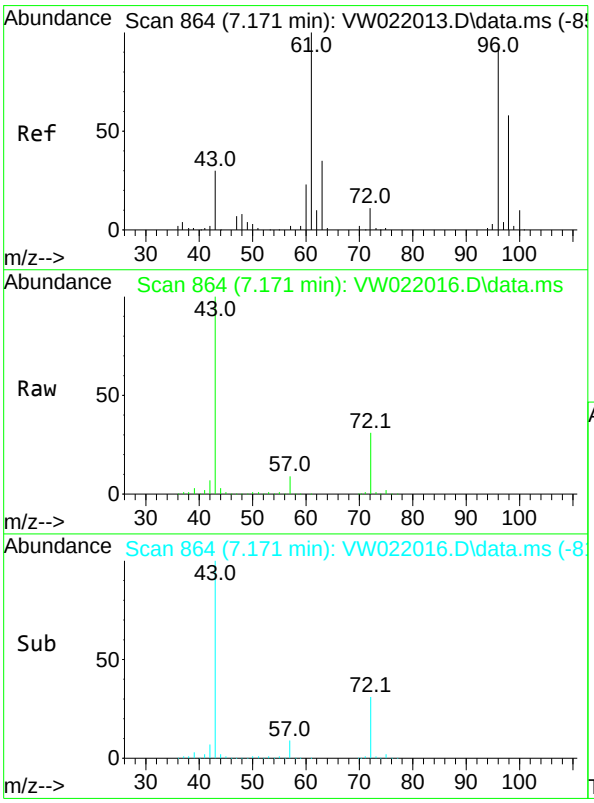
#13
Acetone
Concen: 1900.137 ug/L
RT: 4.135 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Tgt Ion: 43 Resp: 583246

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	66.0

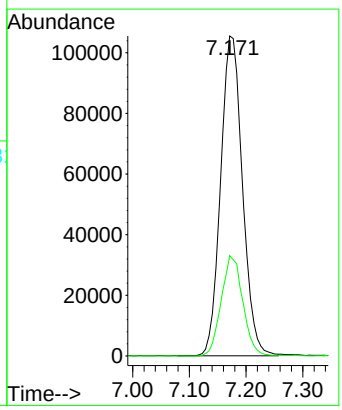


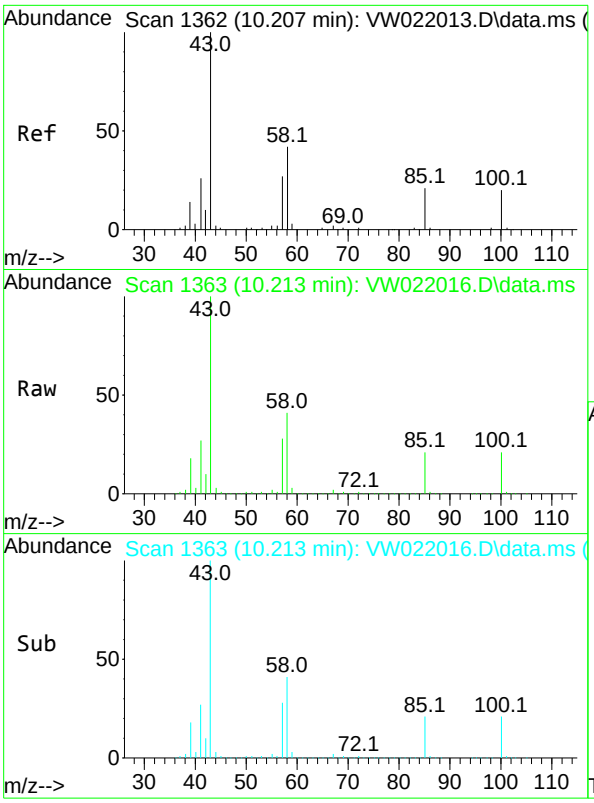


#22
2-Butanone
Concen: 709.772 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Tgt Ion: 43 Resp: 282077

Ion	Ratio	Lower	Upper
43	100		
72	31.0	16.8	50.4



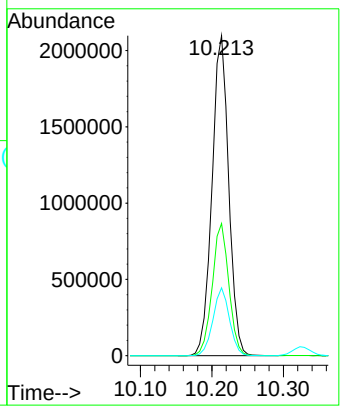


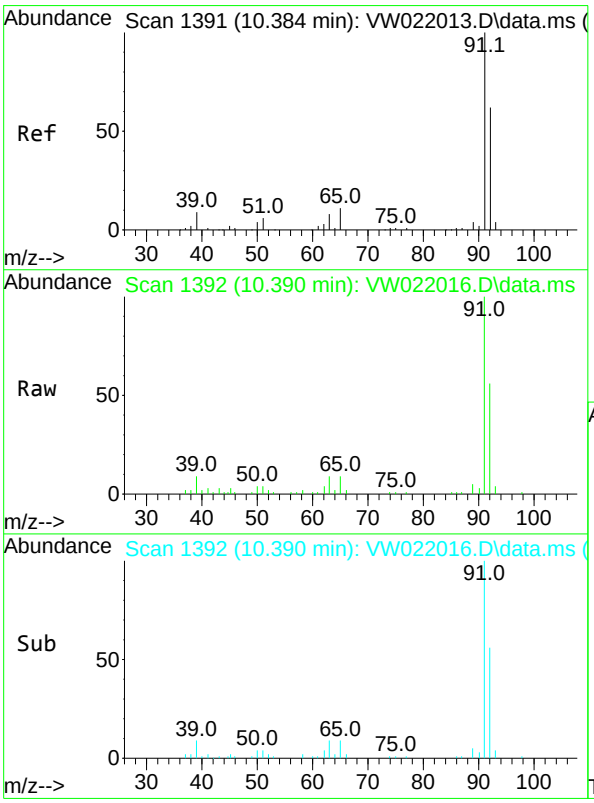
#40
4-Methyl-2-pentanone
Concen: 4139.216 ug/L
RT: 10.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Tgt Ion: 43 Resp: 3400727

Ion	Ratio	Lower	Upper
43	100		
58	41.1	34.4	51.6
100	21.0	17.0	25.4

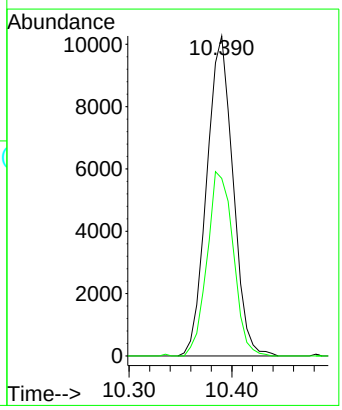


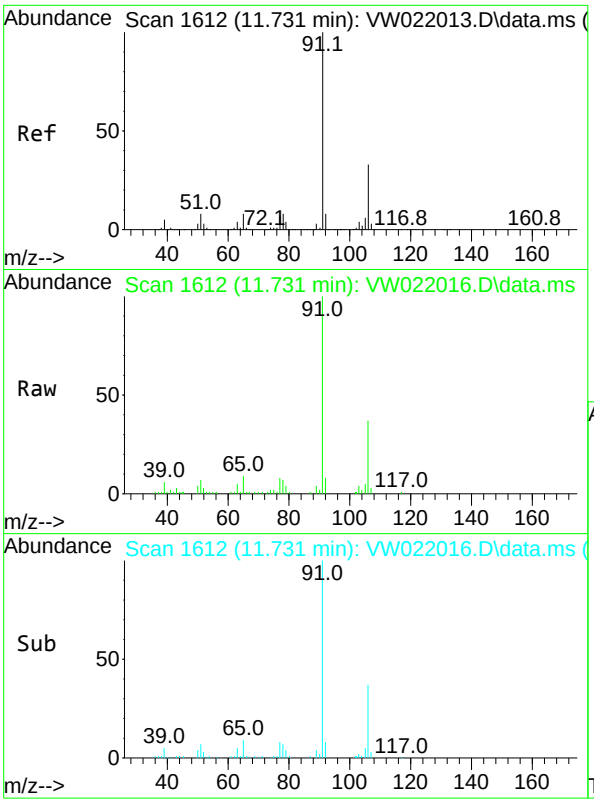


#42
Toluene
Concen: 2.103 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Tgt Ion: 91 Resp: 18174

Ion	Ratio	Lower	Upper
91	100		
92	55.5	42.6	79.2



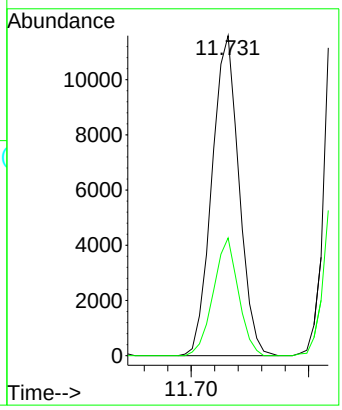


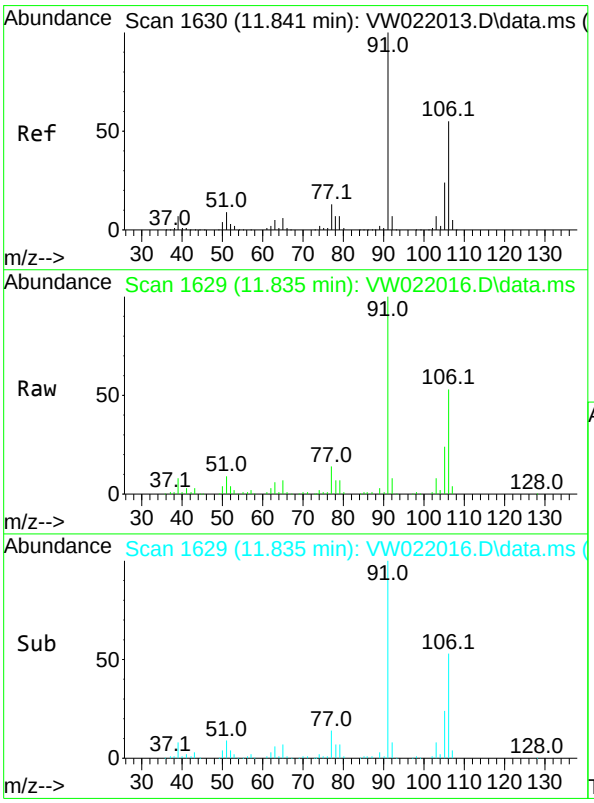
#52
Ethylbenzene
Concen: 1.948 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Tgt Ion: 91 Resp: 18579

Ion	Ratio	Lower	Upper
91	100		
106	36.8	22.8	42.4

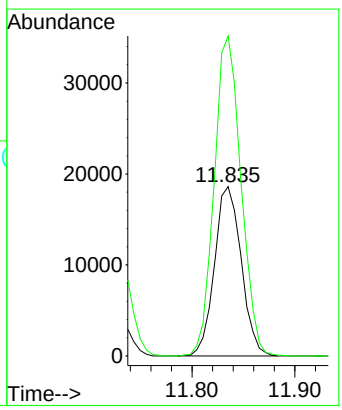


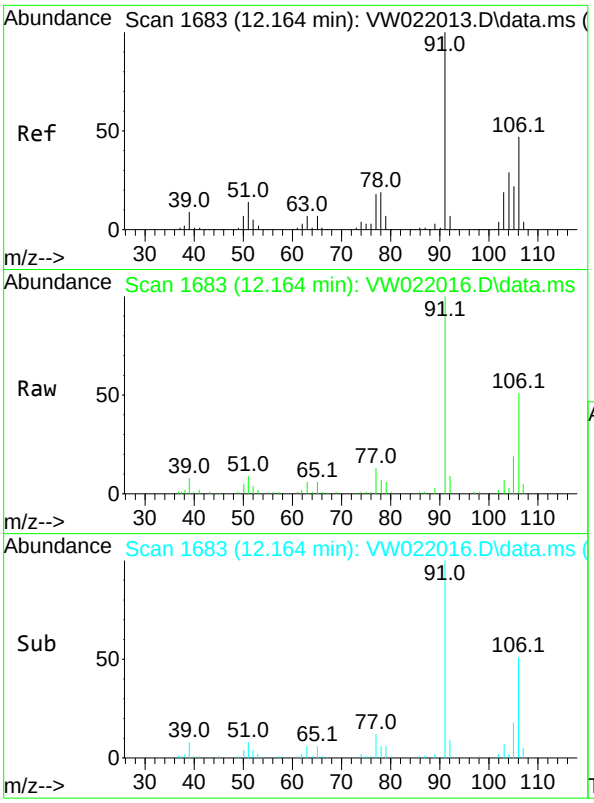


#53
m,p-Xylene
Concen: 8.497 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Tgt Ion:106 Resp: 33616

Ion	Ratio	Lower	Upper
106	100		
91	189.0	129.6	240.8



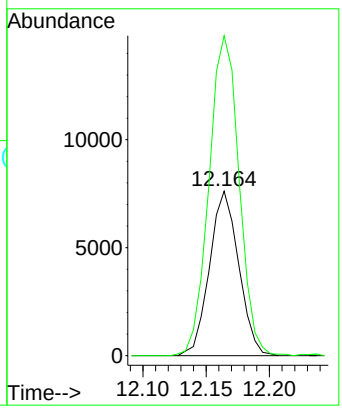


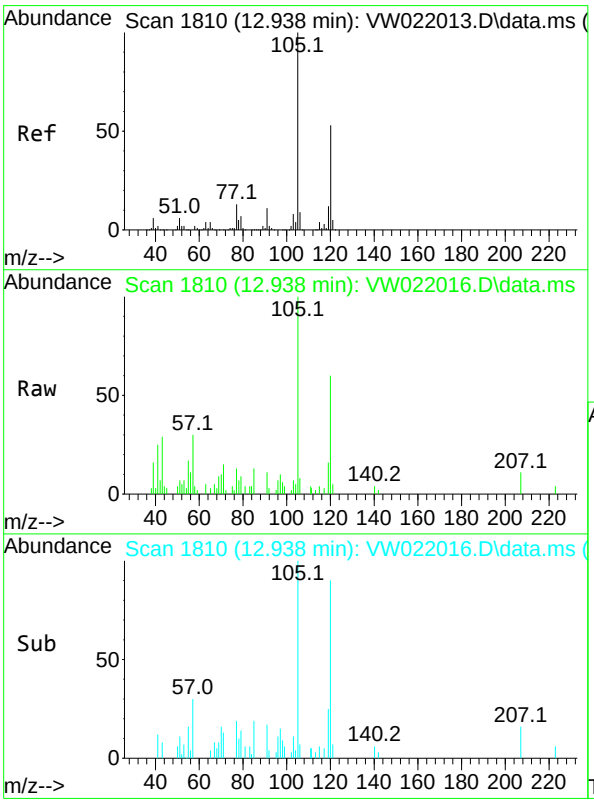
#54
o-Xylene
Concen: 3.306 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Tgt Ion:106 Resp: 12235

Ion	Ratio	Lower	Upper
106	100		
91	194.5	136.4	253.4

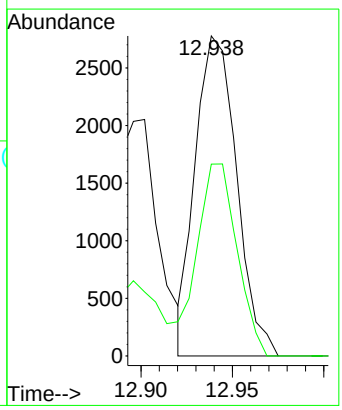


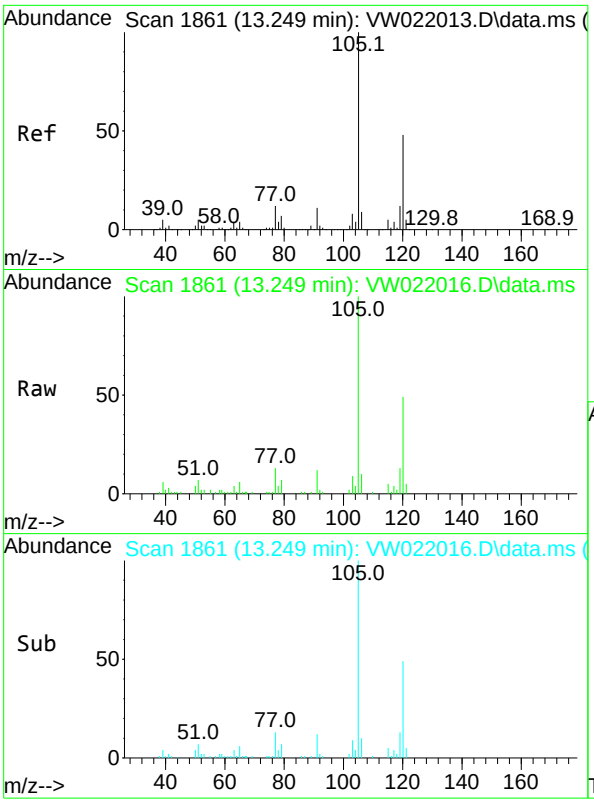


#62
1,3,5-Trimethylbenzene
Concen: 0.689 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Tgt Ion:105 Resp: 4366

Ion	Ratio	Lower	Upper
105	100		
120	59.6	40.9	61.3





#63
1,2,4-Trimethylbenzene
Concen: 2.121 ug/L
RT: 13.249 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Tgt Ion:105 Resp: 16366

Ion	Ratio	Lower	Upper
105	100		
120	45.5	37.8	56.8