Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013431.D
Acq On : 30 Oct 2019 14:14
Operator : SY/MD
Sample : K5597-16DL 10X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE5DL

Quant Time: Nov 06 15:25:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	393489	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	400384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232035	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	138390	3.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.60%			
7) Chloroethane-d5	1.58	69	115090	3.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.60%			
11) 1,1-Dichloroethene-d2	2.13	63	173760	2.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.20%#			
20) 2-Butanone-d5	3.96	46	417515	49.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.08%			
24) Chloroform-d	4.40	84	317535	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.08	65	158722	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
32) Benzene-d6	5.10	84	622178	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.12	67	201622	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.36	98	571830	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	7.66	79	71323	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.13	63	278587	53.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.88%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	136681	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	225470	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
30) Cyclohexane	4.72	56	824011	13.231	ug/L	99
33) Benzene	5.14	78	1797997	12.018	ug/L	100
35) Methylcyclohexane	6.17	83	557708	9.103	ug/L	92
42) Toluene	7.43	91	146974	0.942	ug/L	99
52) Ethylbenzene	9.05	91	77330	0.468	ug/L	98
53) m,p-xylene	9.18	106	540494	8.847	ug/L	98
54) o-xylene	9.59	106	8649	0.146	ug/L	92
56) Isopropylbenzene	9.97	105	264556	1.663	ug/L	100

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

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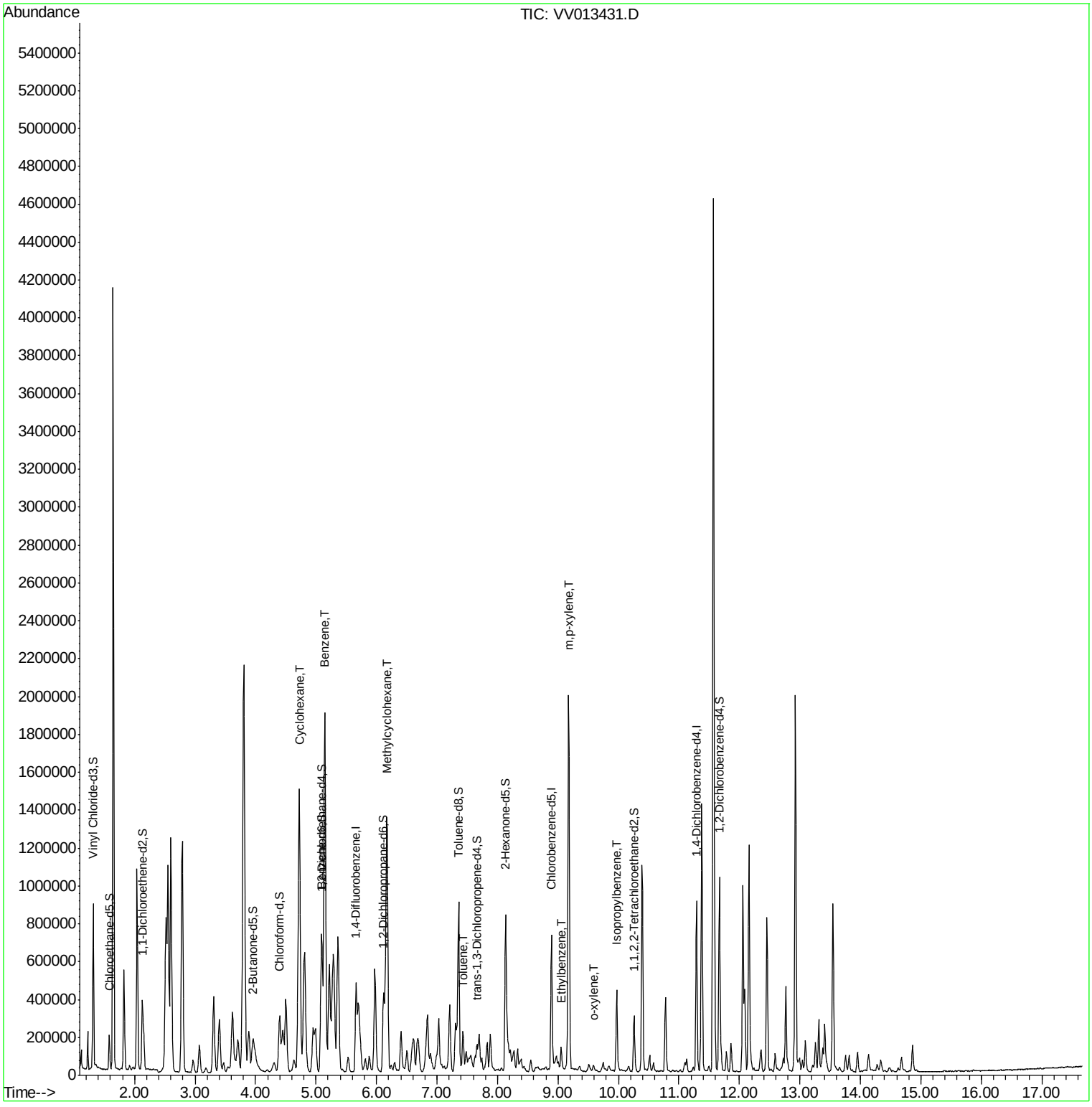
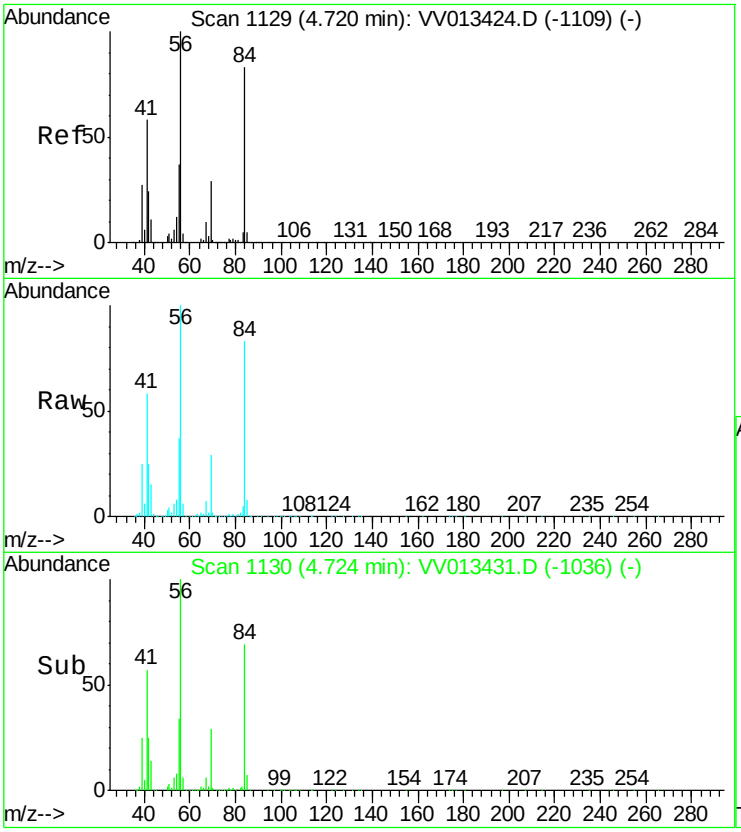


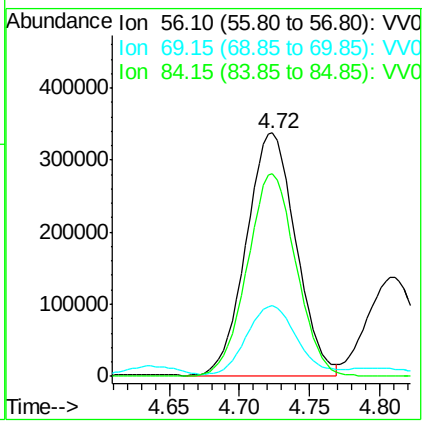


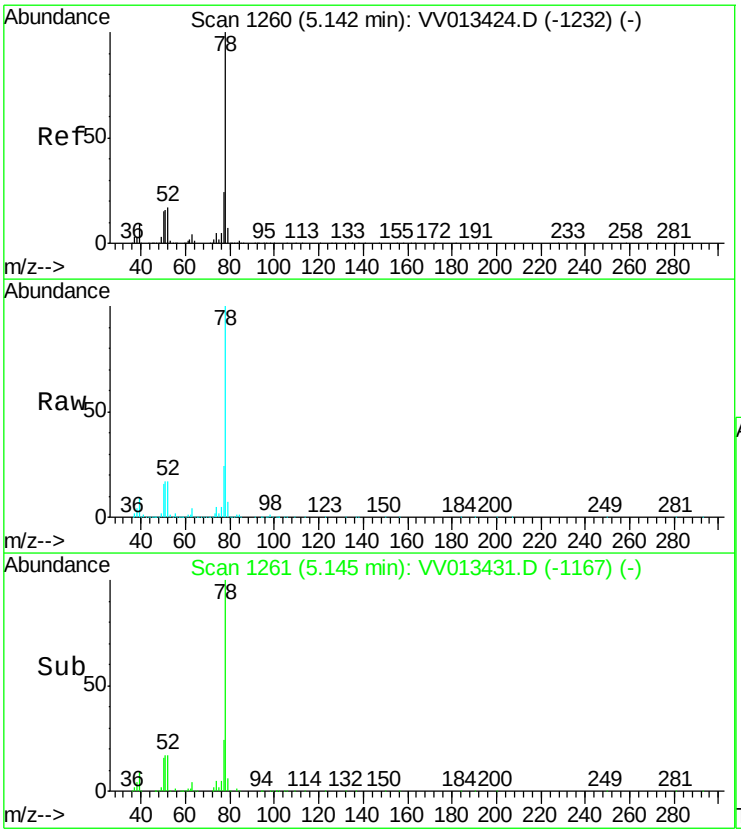
#30
Cyclohexane
Concen: 13.231 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Instrument :
MSVOA_V
ClientSampleId :
GAQE5DL

Tgt Ion: 56 Resp: 824011

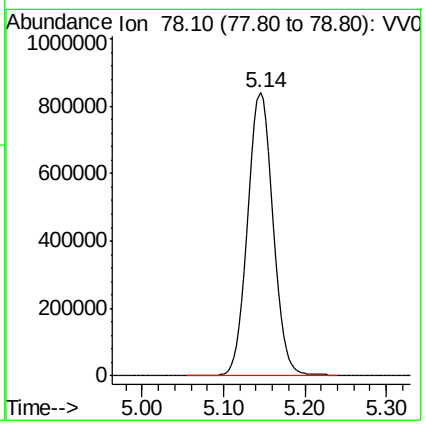
Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.7	34.1
84	82.5	65.5	98.3

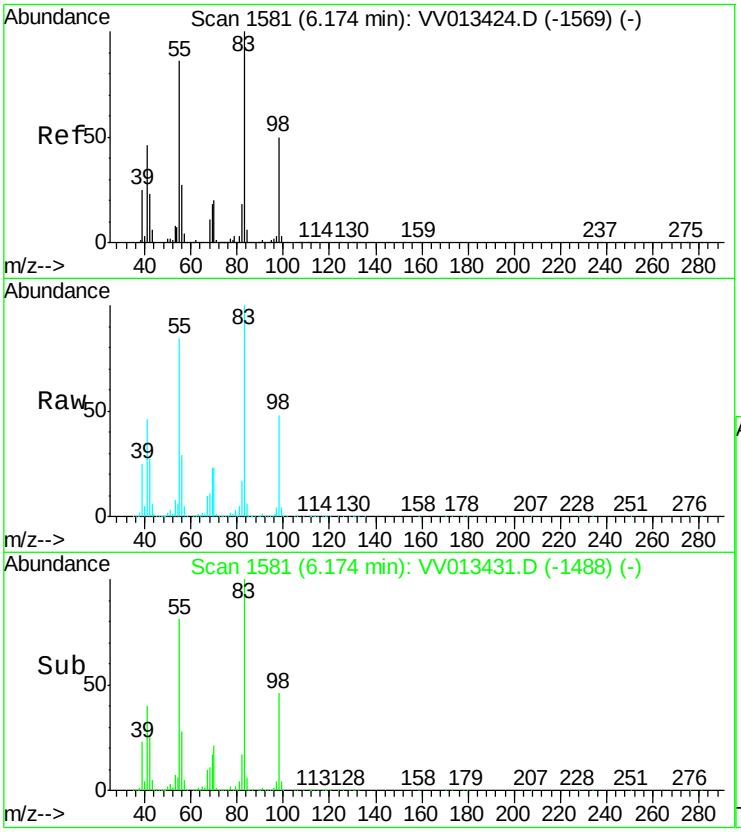




#33
Benzene
Concen: 12.018 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Tgt Ion: 78 Resp: 1797997



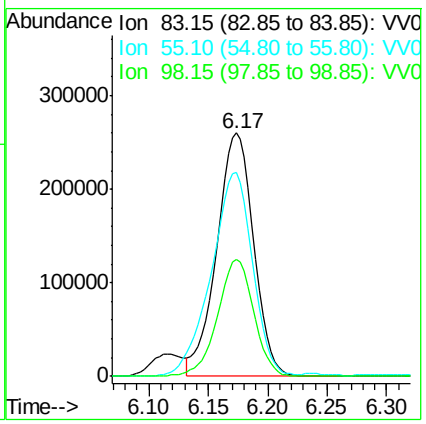


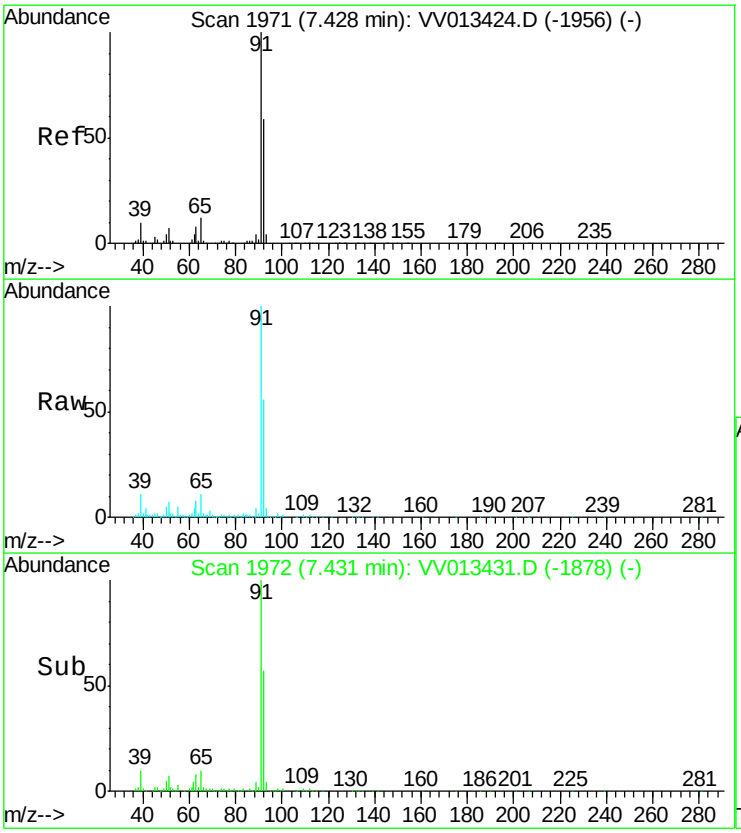
#35
Methylcyclohexane
Concen: 9.103 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Instrument :
MSVOA_V
ClientSampleId :
GAQE5DL

Tgt Ion: 83 Resp: 557708

Ion	Ratio	Lower	Upper
83	100		
55	93.5	66.0	99.0
98	47.3	38.2	57.4

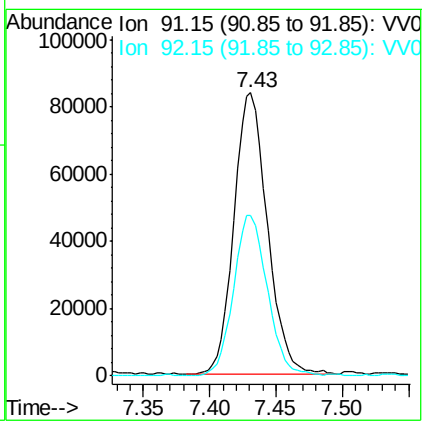


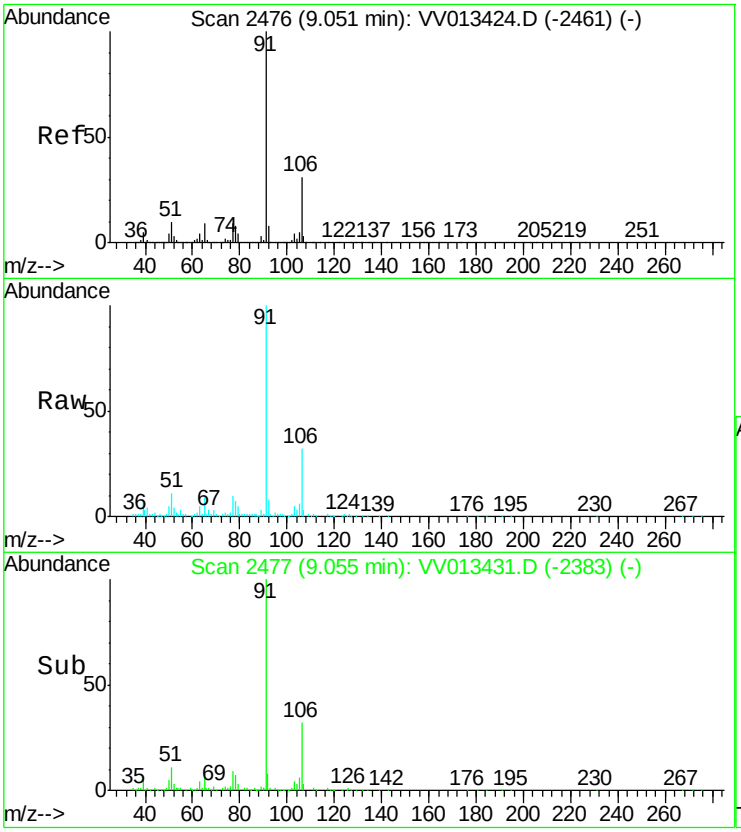


#42
Toluene
Concen: 0.942 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Tgt Ion: 91 Resp: 146974

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.3	74.8



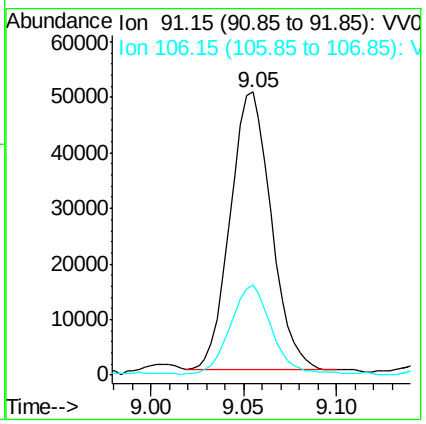


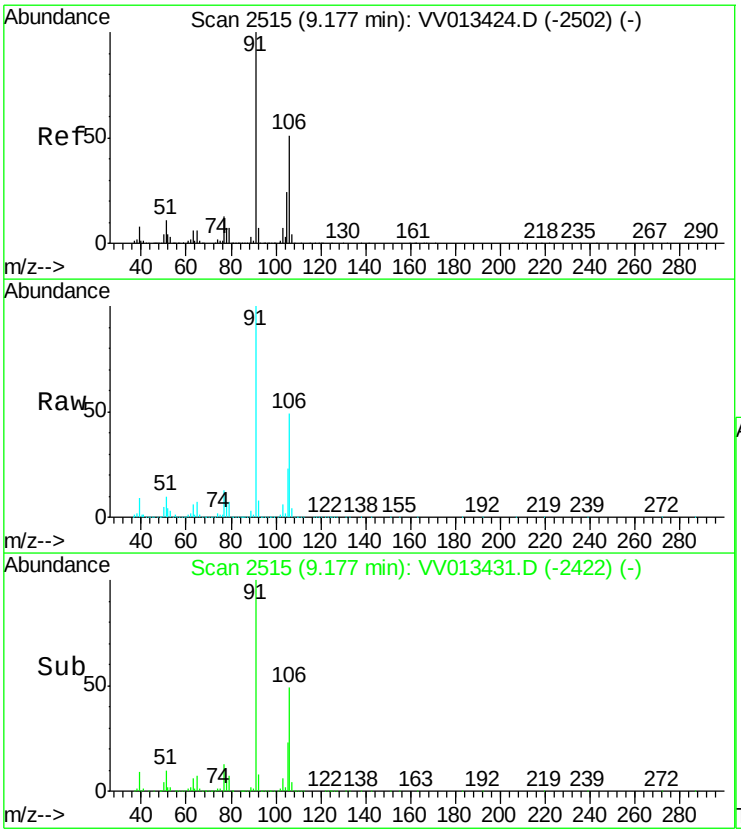
#52
Ethylbenzene
Concen: 0.468 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Instrument : MSVOA_V
ClientSampleId : GAQE5DL

Tgt Ion: 91 Resp: 77330

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.5	39.9

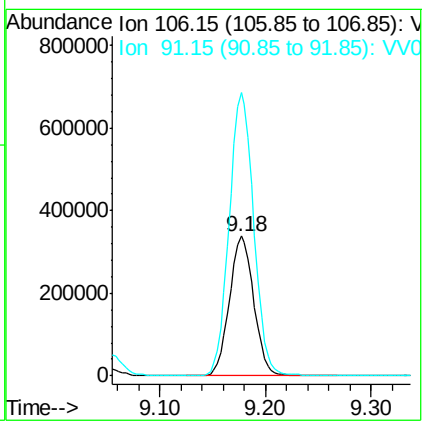


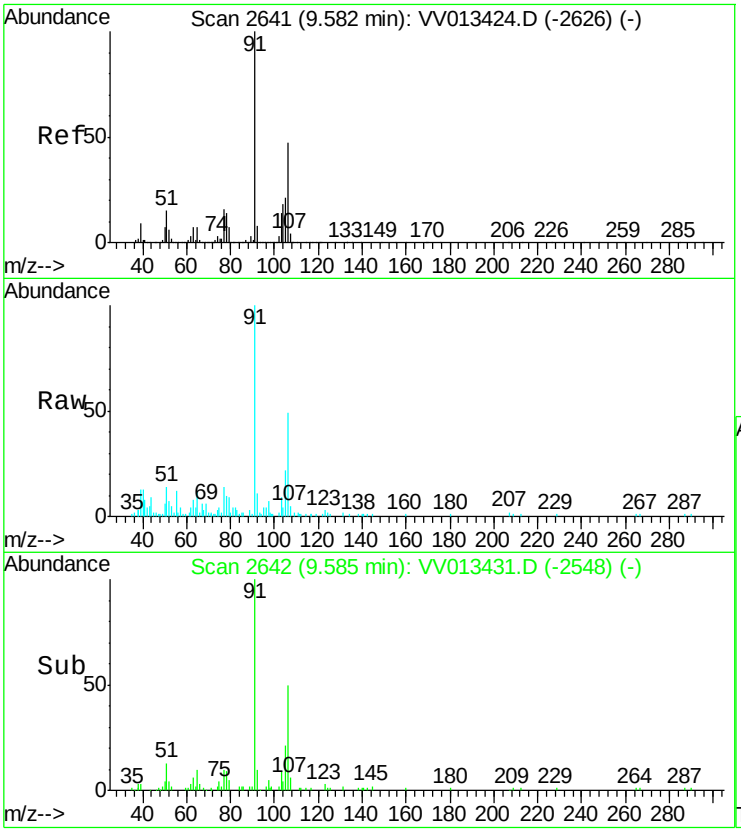


#53
m,p-xylene
Concen: 8.847 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Tgt Ion:106 Resp: 540494

Ion	Ratio	Lower	Upper
106	100		
91	202.9	144.3	267.9



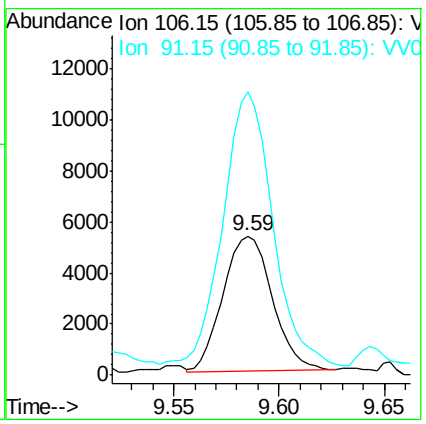


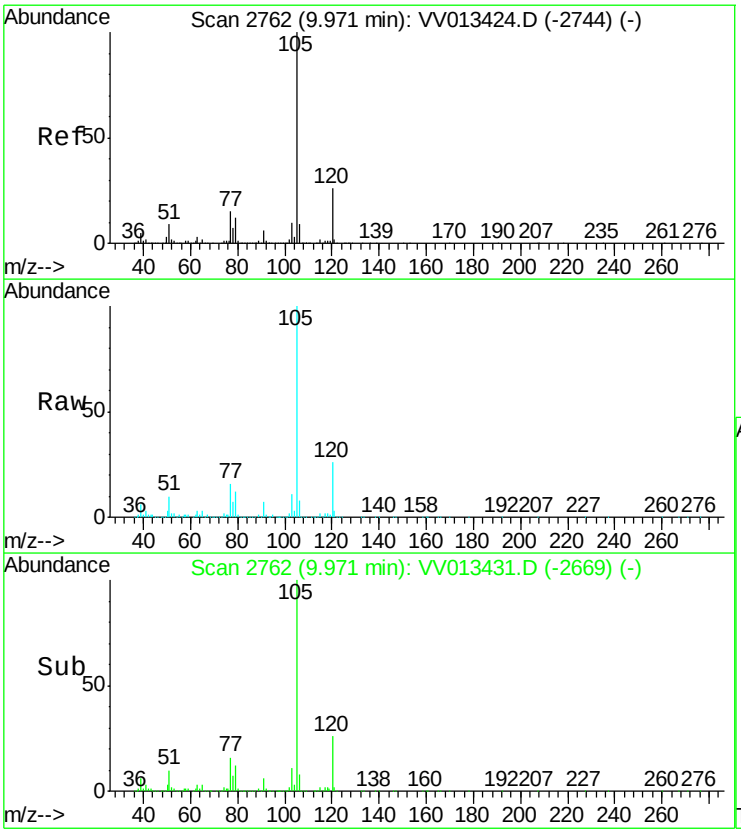
#54
o-xylene
Concen: 0.146 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Instrument :
MSVOA_V
ClientSampleId :
GAQE5DL

Tgt Ion:106 Resp: 8649

Ion	Ratio	Lower	Upper
106	100		
91	203.2	151.5	281.5





#56
Isopropylbenzene
Concen: 1.663 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV013431.D
Acq: 30 Oct 2019 14:14

Tgt Ion:105 Resp: 264556

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.0	31.6
77	15.9	12.9	19.3