Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110718\
Data File : VR026202.D
Acq On : 7 Nov 2018 13:25
Operator : SY/MD
Sample : J5801-02DL 40X
Misc : 25mL/MSVOA R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : F9D01DL

Quant Time: Nov 14 07:12:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	626281	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	508468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	203618	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	197828	3.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.20%			
7) Chloroethane-d5	2.63	69	204880	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	3.61	63	390288	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	6.59	46	257908	57.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.62%			
24) Chloroform-d	7.20	84	381321	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	7.90	65	189573	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	7.85	84	754355	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	8.89	67	211254	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	9.97	98	669493	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	10.24	79	49832	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	10.59	63	200034	62.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.22%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87445	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	160818	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
5) Vinyl chloride	2.15	62	11537	0.173	ug/L #	60
22) cis-1,2-Dichloroethene	6.67	96	11017	0.253	ug/L #	70
30) Cyclohexane	7.51	56	34098	0.489	ug/L	94
33) Benzene	7.91	78	6927855	36.312	ug/L	100
35) Methylcyclohexane	8.95	83	19719	0.271	ug/L	88
42) Toluene	10.03	91	3575898	17.758	ug/L	97
52) Ethylbenzene	11.39	91	716320	3.093	ug/L	99
53) m,p-Xylene	11.50	106	564031	6.685	ug/L	99
54) o-Xylene	11.83	106	217093	2.807	ug/L	97
55) Styrene	11.84	104	36158	0.304	ug/L #	1
63) 1,4-Dichlorobenzene	13.24	146	6908	0.099	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	51087	0.941	ug/L	97

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

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Operator : SY/MD
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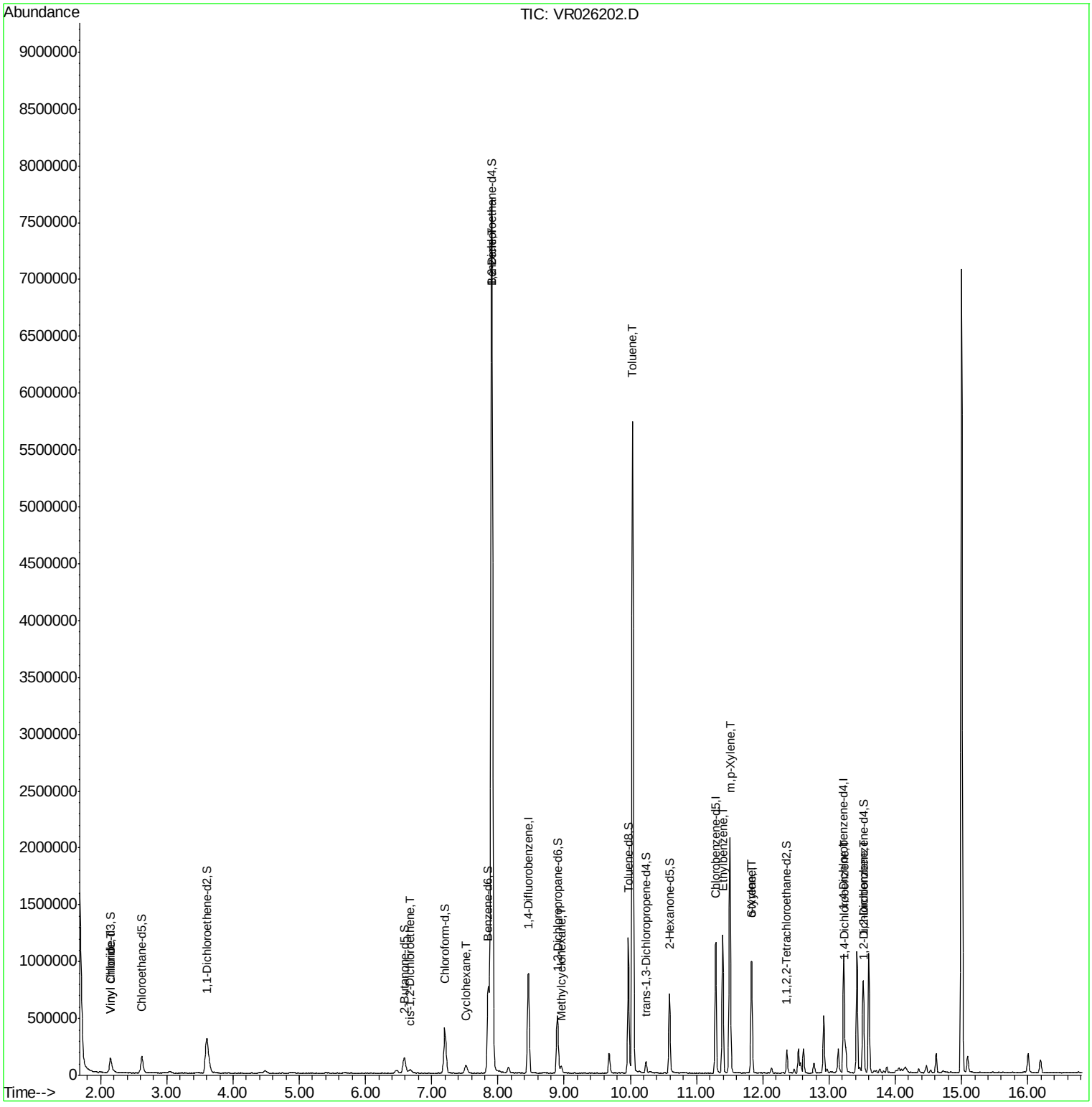
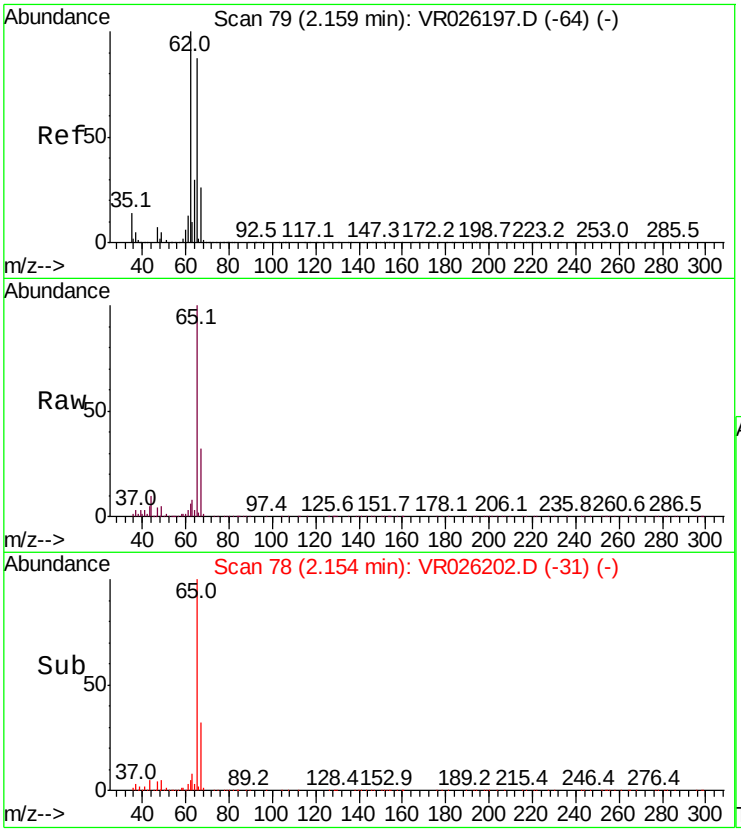
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D01DL

Quant Time: Nov 14 07:12:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration



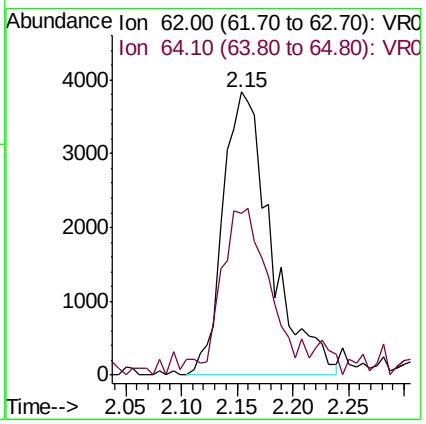


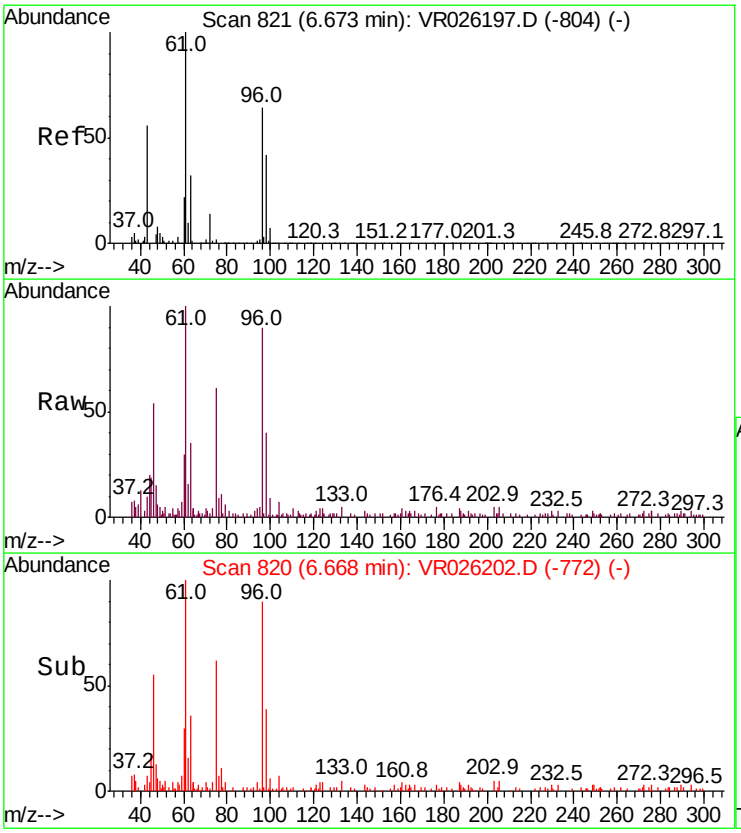
#5
Vinyl chloride
Concen: 0.173 ug/L
RT: 2.15 min Scan# 78
Delta R.T. -0.01 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Instrument :
MSVOA_R
ClientSampleId :
F9D01DL

Tgt Ion: 62 Resp: 11537

Ion	Ratio	Lower	Upper
62	100		
64	57.1	23.9	44.3#

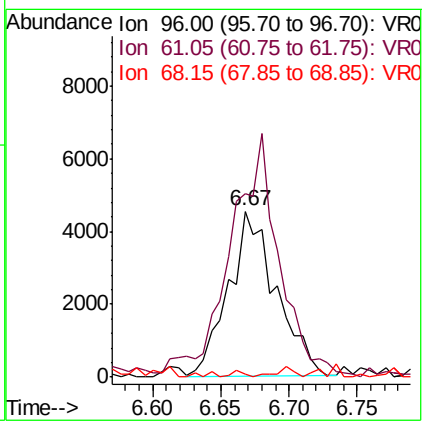


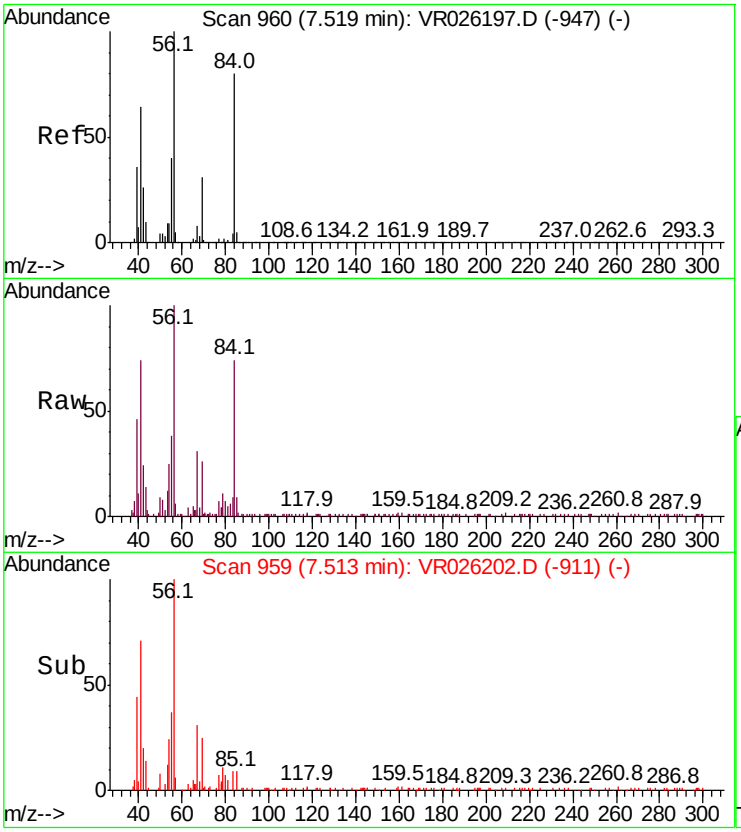


#22
cis-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 6.67 min Scan# 820
Delta R.T. -0.01 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Tgt Ion: 96 Resp: 11017

Ion	Ratio	Lower	Upper
96	100		
61	107.6	101.8	189.0
68	2.1	0.1	0.3#



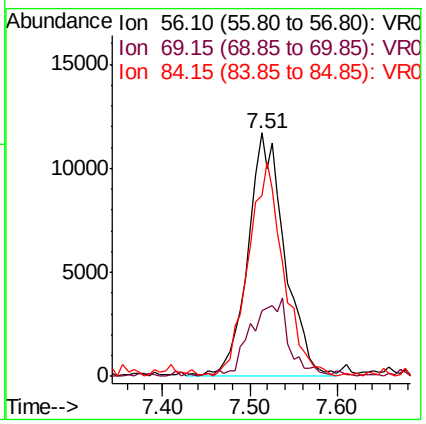


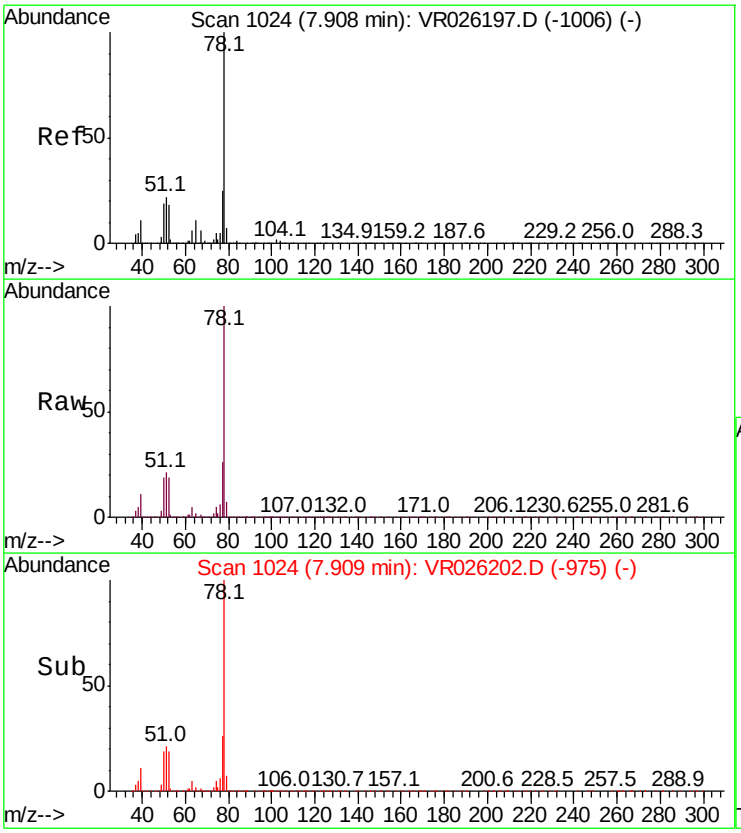
#30
Cyclohexane
Concen: 0.489 ug/L
RT: 7.51 min Scan# 959
Delta R.T. -0.01 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Instrument :
MSVOA_R
ClientSampleId :
F9D01DL

Tgt Ion: 56 Resp: 34098

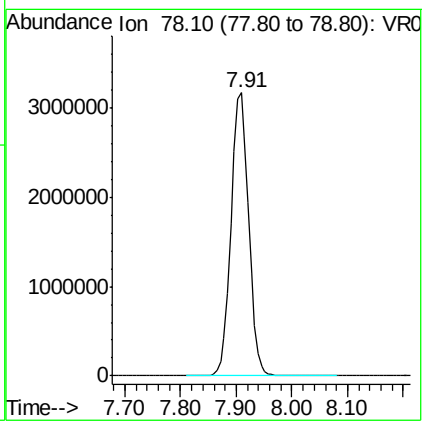
Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	84.0	62.2	93.4

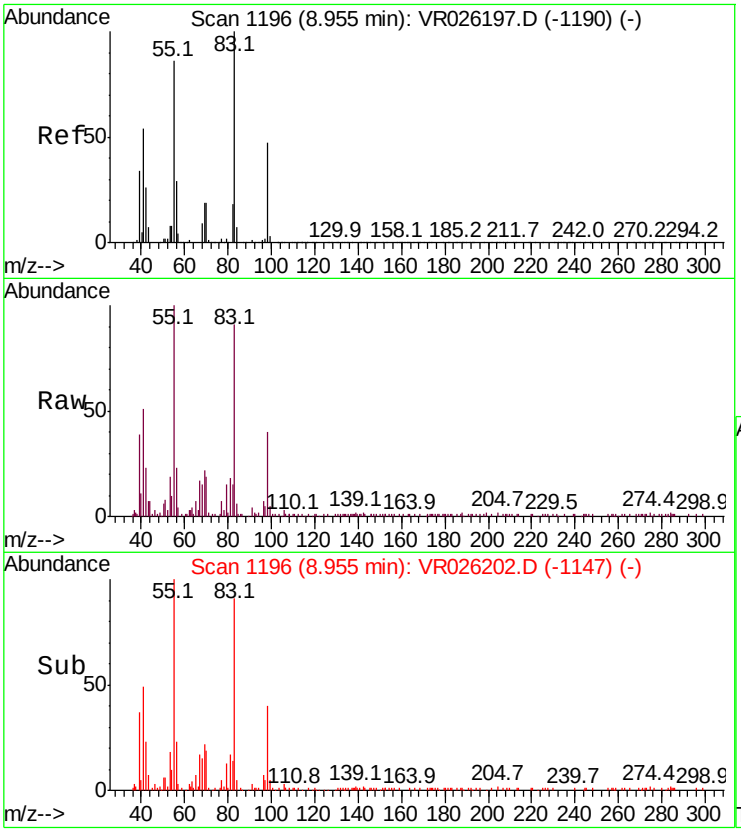




#33
Benzene
Concen: 36.312 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Tgt Ion: 78 Resp: 6927855



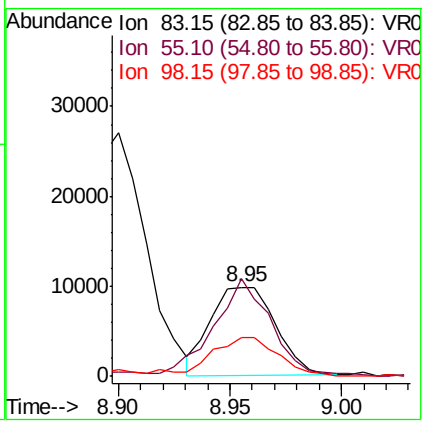


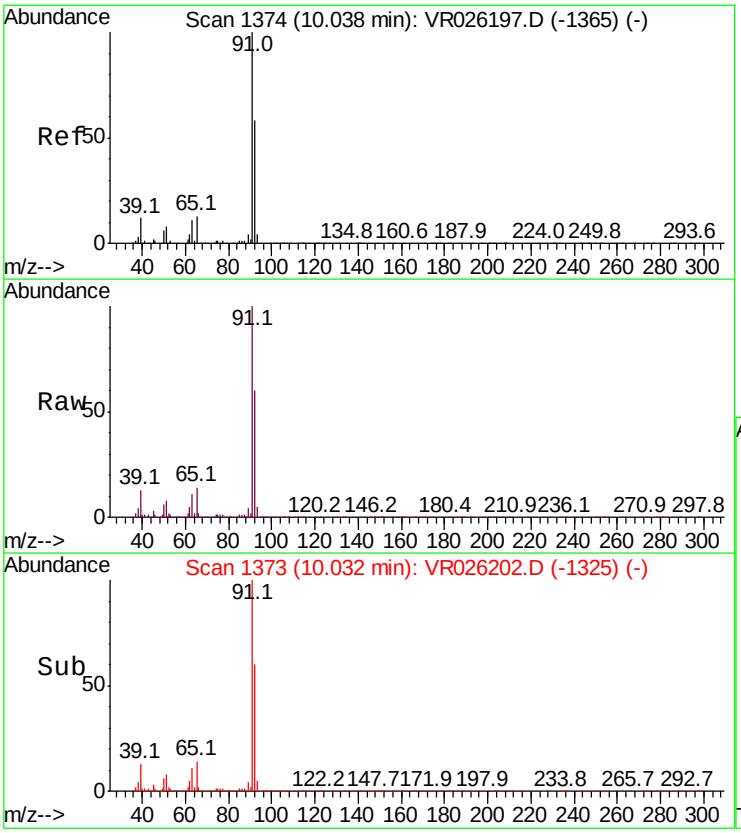
#35
Methylcyclohexane
Concen: 0.271 ug/L
RT: 8.95 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Instrument : MSVOA_R
ClientSampleId : F9D01DL

Tgt Ion: 83 Resp: 19719

Ion	Ratio	Lower	Upper
83	100		
55	98.0	66.8	100.2
98	47.1	35.2	52.8

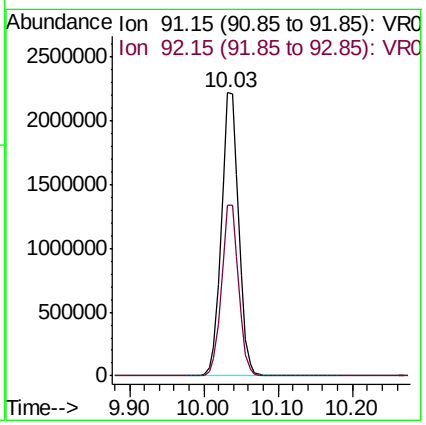


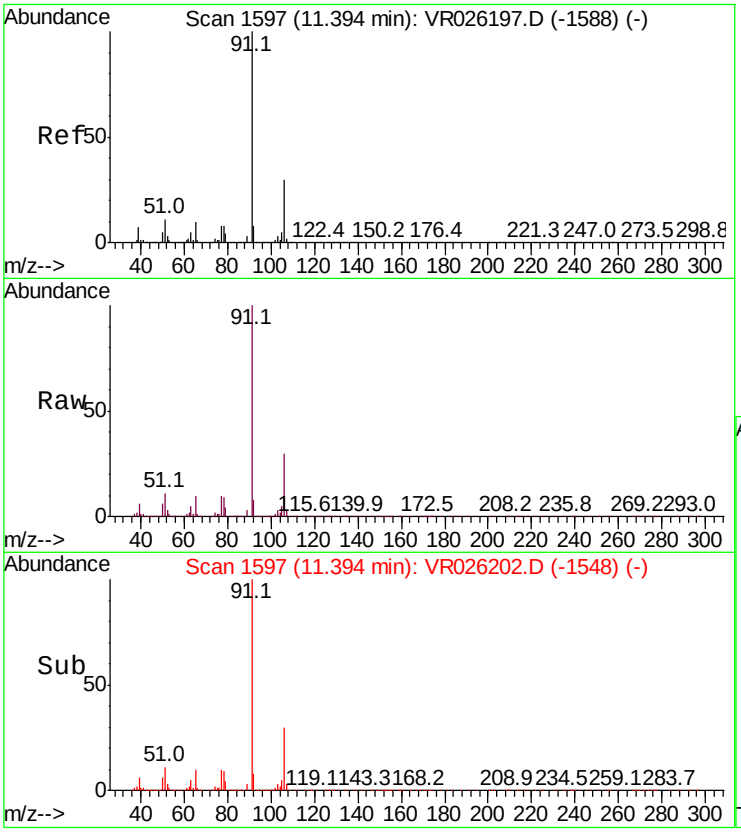


#42
Toluene
Concen: 17.758 ug/L
RT: 10.03 min Scan# 1373
Delta R.T. -0.01 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Tgt Ion: 91 Resp: 3575898

Ion	Ratio	Lower	Upper
91	100		
92	60.3	40.8	75.8



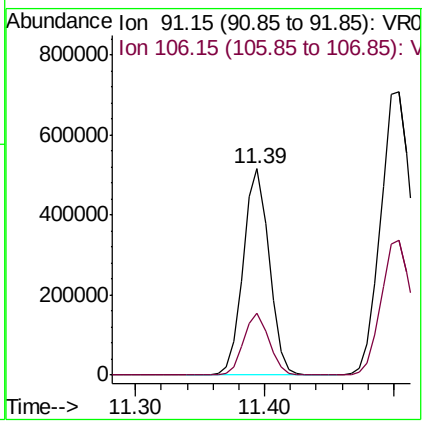


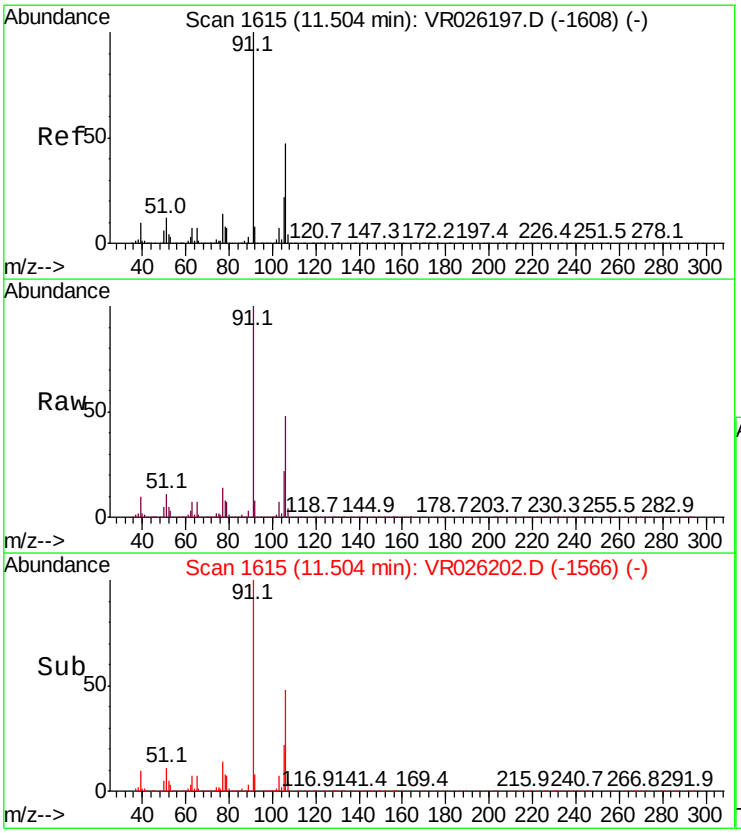
#52
Ethylbenzene
Concen: 3.093 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Instrument : MSVOA_R
ClientSampleId : F9D01DL

Tgt Ion: 91 Resp: 716320

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.2	39.4

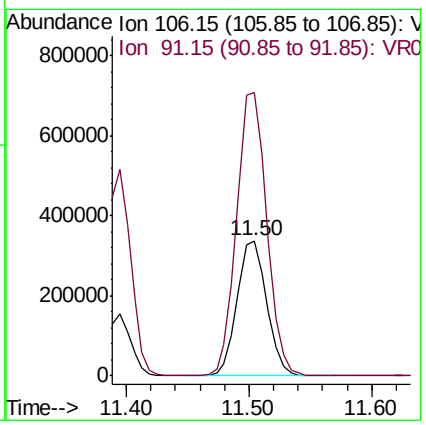


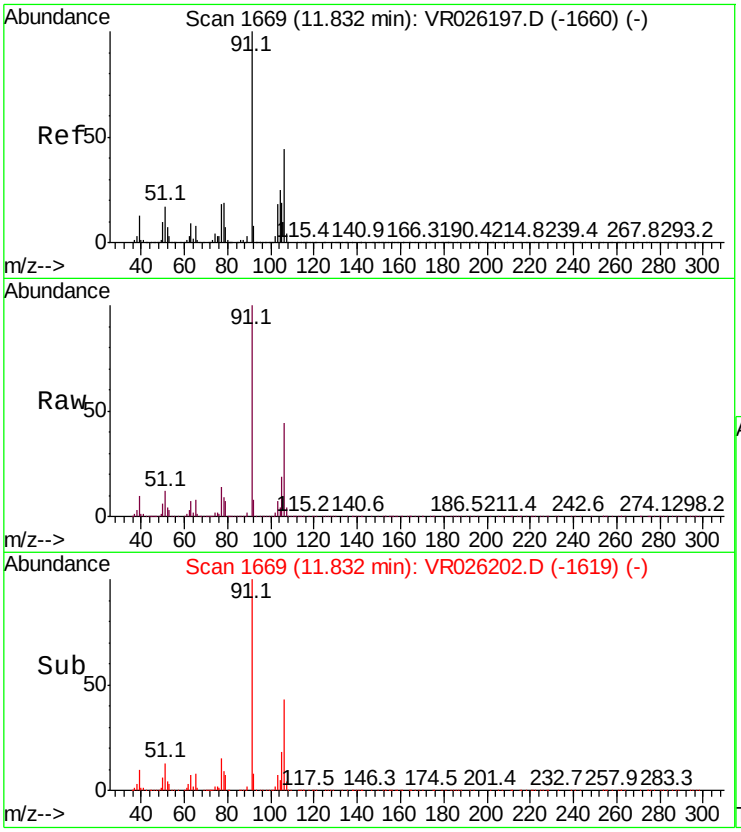


#53
m,p-Xylene
Concen: 6.685 ug/L
RT: 11.50 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Tgt Ion:106 Resp: 564031

Ion	Ratio	Lower	Upper
106	100		
91	209.4	145.3	269.8



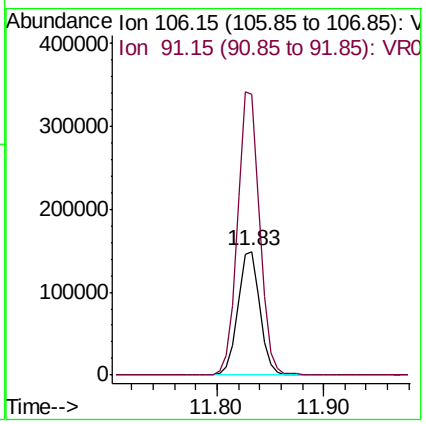


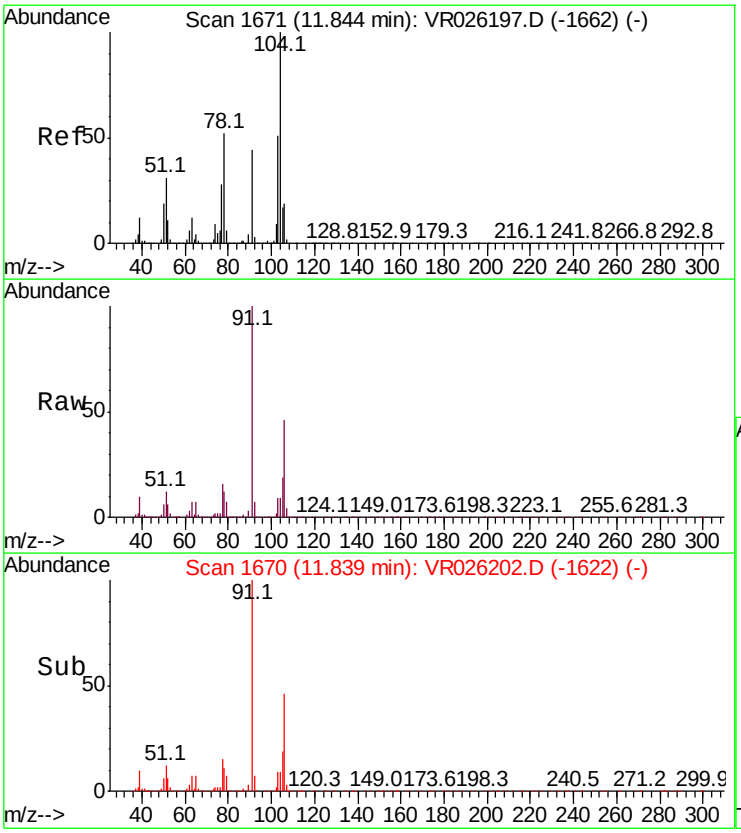
#54
o-Xylene
Concen: 2.807 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.01 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Instrument : MSVOA_R
ClientSampleId : F9D01DL

Tgt Ion:106 Resp: 217093

Ion	Ratio	Lower	Upper
106	100		
91	227.2	155.8	289.3

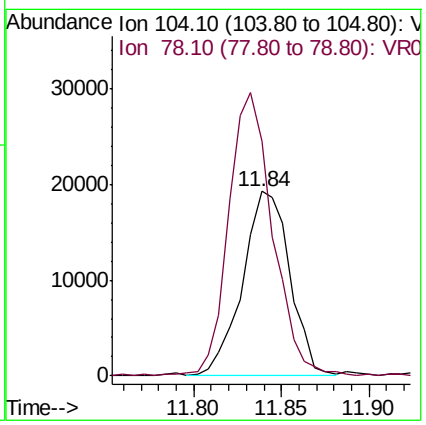


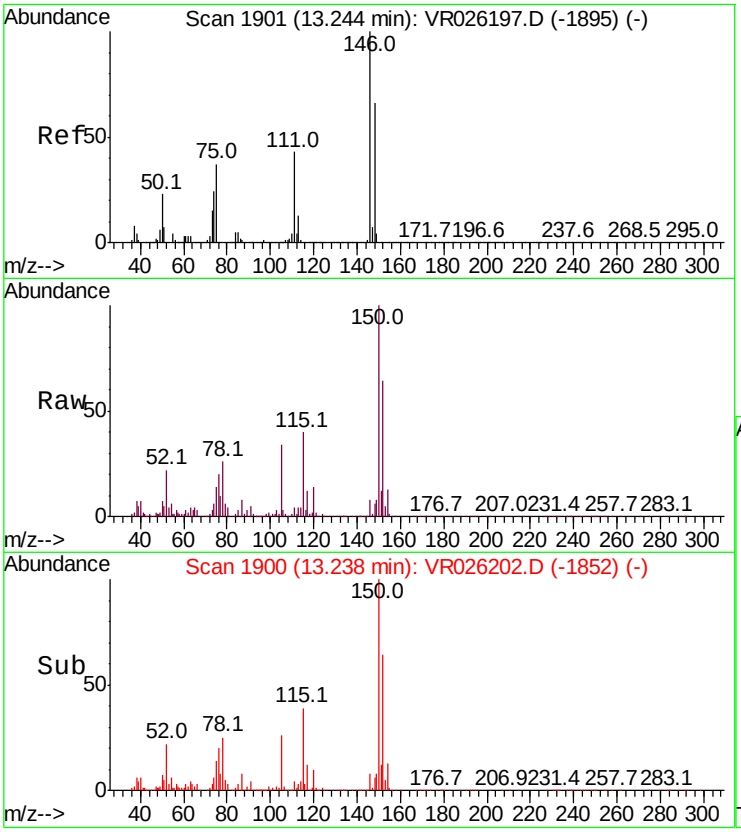


#55
Styrene
Concen: 0.304 ug/L
RT: 11.84 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Tgt Ion:104 Resp: 36158

Ion	Ratio	Lower	Upper
104	100		
78	127.7	34.7	64.5#



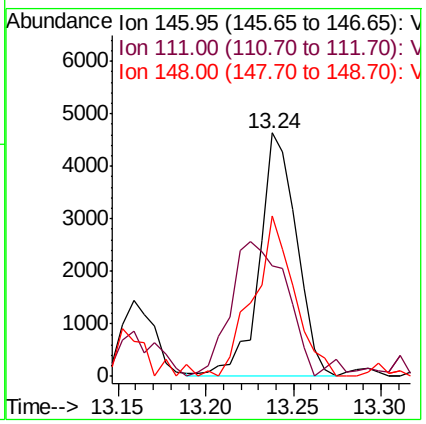


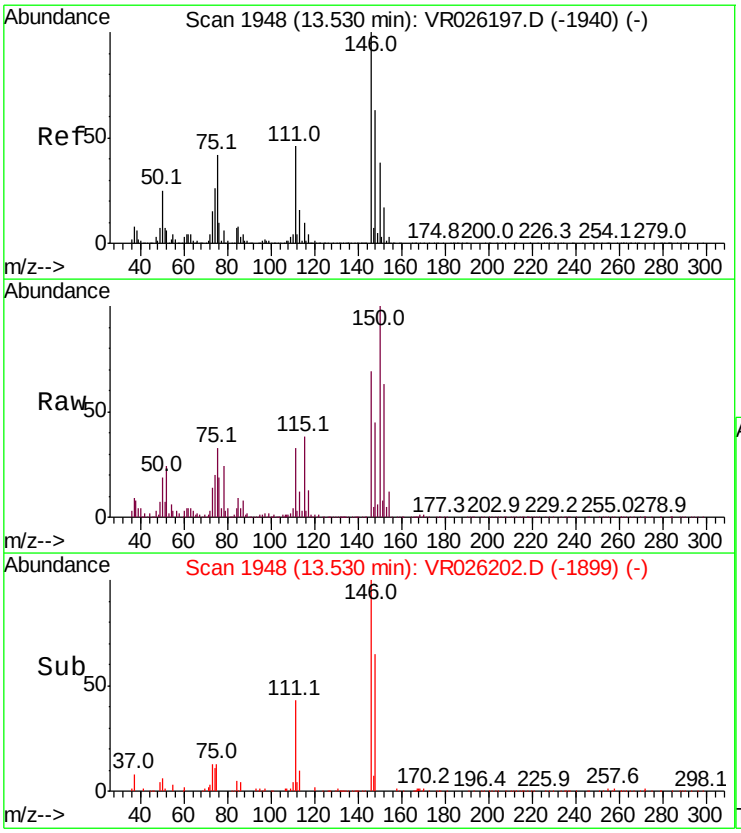
#63
1,4-Dichlorobenzene
Concen: 0.099 ug/L
RT: 13.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Instrument : MSVOA_R
ClientSampleId : F9D01DL

Tgt Ion:146 Resp: 6908

Ion	Ratio	Lower	Upper
146	100		
111	45.6	32.6	60.6
148	65.8	46.7	86.7





#65
1,2-Dichlorobenzene
Concen: 0.941 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VR026202.D
Acq: 7 Nov 2018 13:25

Tgt Ion:146 Resp: 51087

Ion	Ratio	Lower	Upper
146	100		
111	47.0	35.2	52.8
148	65.6	51.2	76.8