Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR122118\
Data File : VR026292.D
Acq On : 21 Dec 2018 21:11
Operator : SY/MD
Sample : J6536-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : BE809

Quant Time: Dec 21 22:59:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 21 22:24:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	490286	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	455689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	209660	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	145619	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	2.63	69	160358	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	3.61	63	314193	3.56	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	6.59	46	119788	43.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.46%			
24) Chloroform-d	7.20	84	325478	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	7.90	65	131597	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
32) Benzene-d6	7.85	84	643221	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	8.90	67	157438	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.60%			
41) Toluene-d8	9.97	98	575786	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	10.24	79	41229	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	10.59	63	129666	63.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 127.30%			
57) 1,1,2,2-Tetrachloroethane-	12.37	84	79683	5.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.40%			
64) 1,2-Dichlorobenzene-d4	13.52	152	171792	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
8) Chloroethane	2.66	64	23355	0.767	ug/L	98
19) 1,1-Dichloroethane	5.69	63	86264	1.213	ug/L	96
30) Cyclohexane	7.52	56	103963	1.572	ug/L	99
33) Benzene	7.91	78	1164138	6.490	ug/L	100
35) Methylcyclohexane	8.96	83	42578	0.621	ug/L	89
42) Toluene	10.04	91	25268	0.138	ug/L	95
51) Chlorobenzene	11.32	112	29788	0.290	ug/L	98
52) Ethylbenzene	11.39	91	67308	0.325	ug/L	95
56) Isopropylbenzene	12.13	105	10237523	53.382	ug/L #	81
65) 1,2-Dichlorobenzene	13.53	146	21488	0.387	ug/L #	86

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

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Instrument :
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ClientSampleId :
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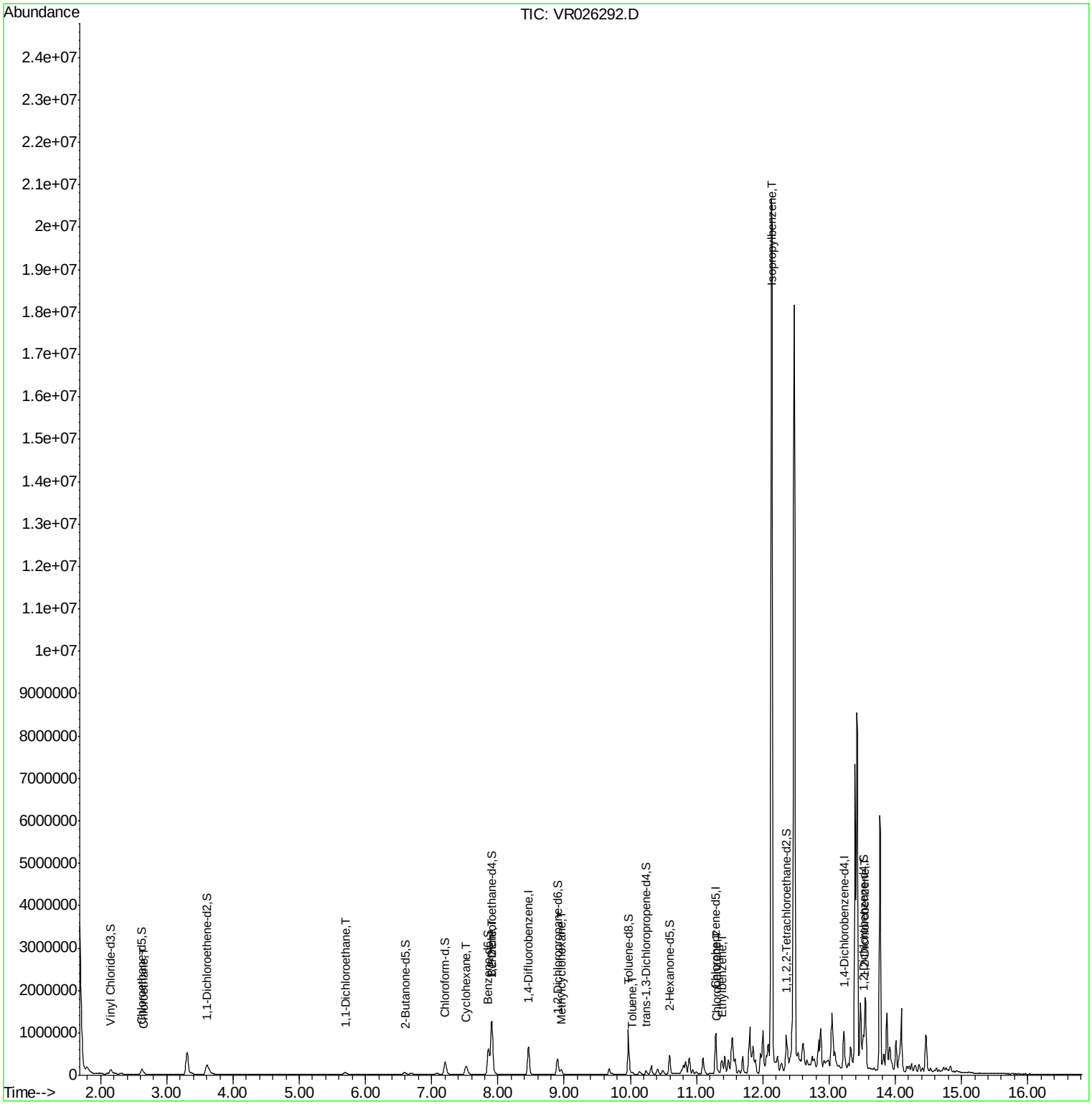
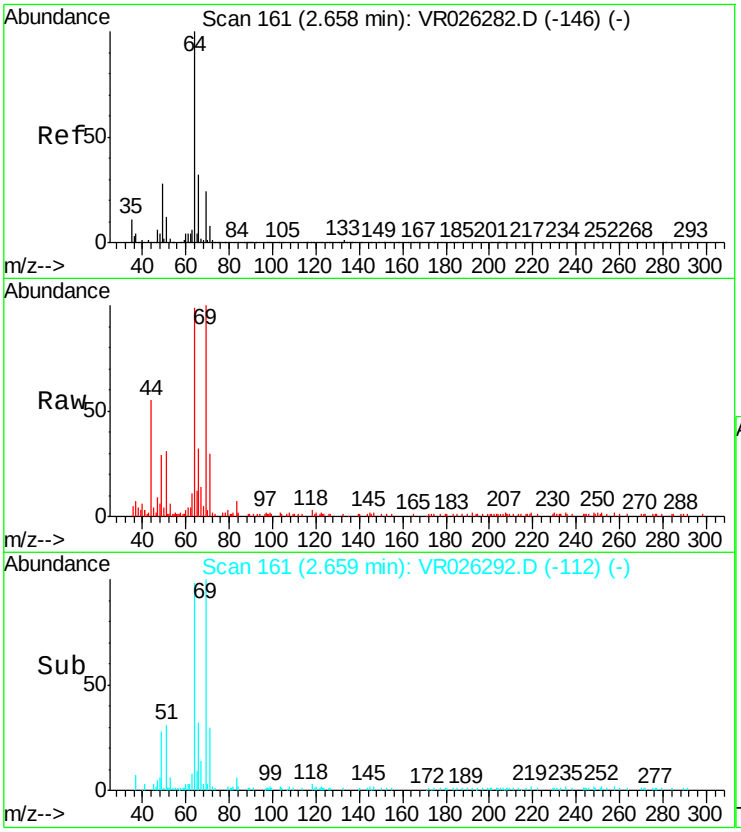
Quant Time: Dec 21 22:59:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 21 22:24:46 2018
Response via : Initial Calibration



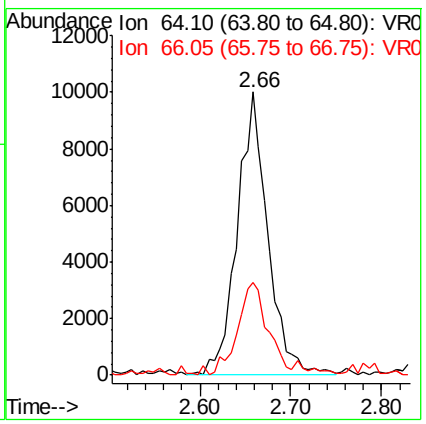


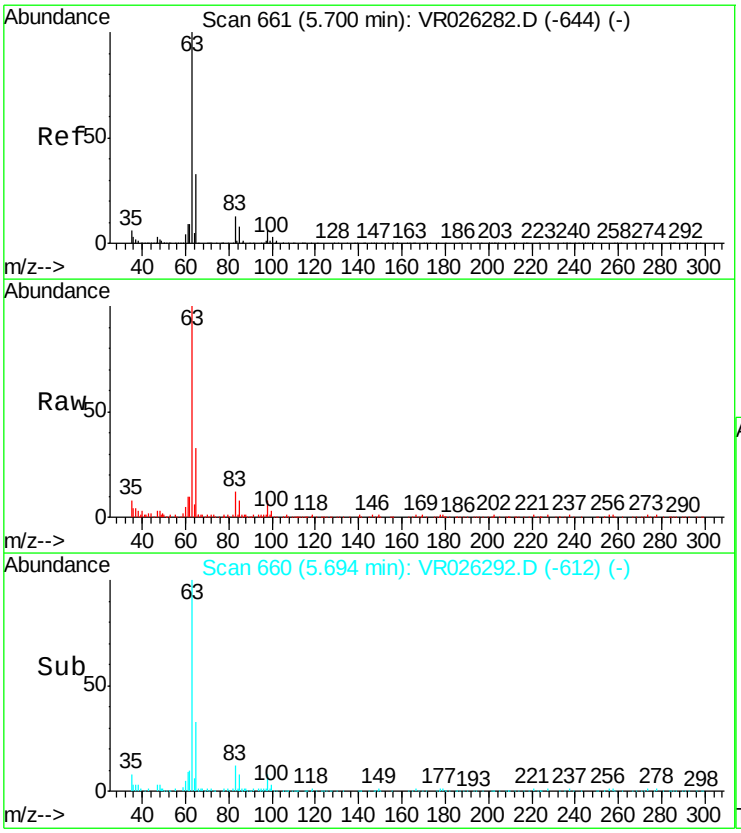
#8
Chloroethane
Concen: 0.767 ug/L
RT: 2.66 min Scan# 161
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Instrument : MSVOA_R
ClientSampleId : BE809

Tgt Ion: 64 Resp: 23355

Ion	Ratio	Lower	Upper
64	100		
66	32.8	22.2	41.2

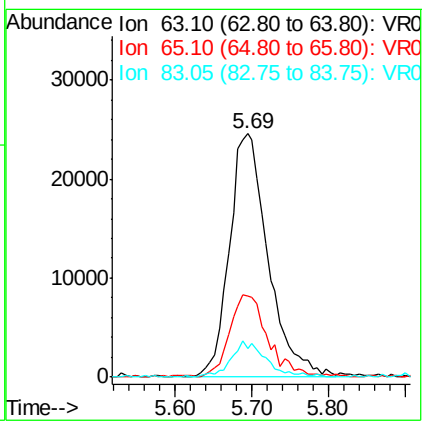


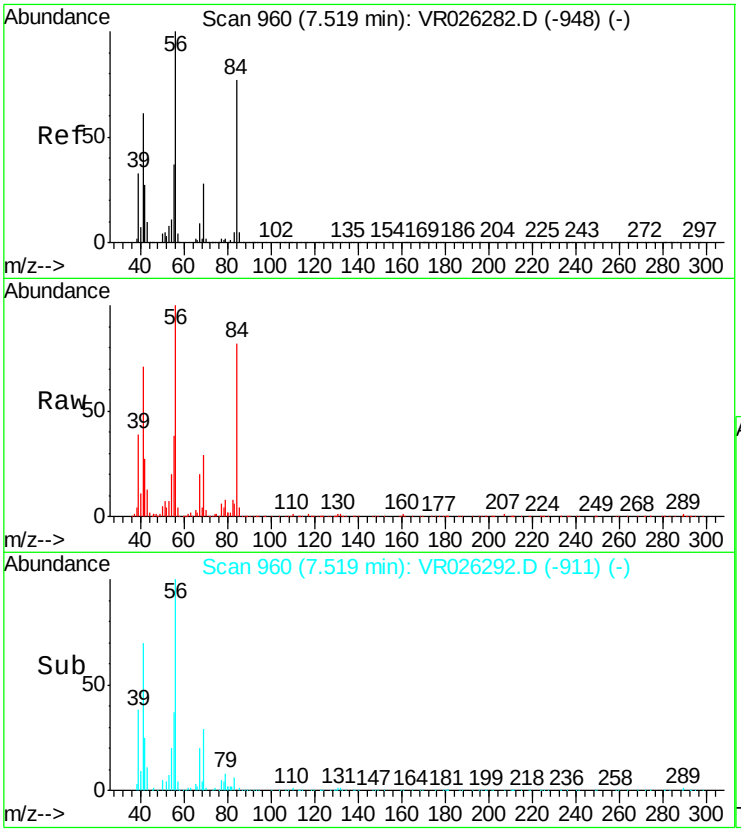


#19
1,1-Dichloroethane
Concen: 1.213 ug/L
RT: 5.69 min Scan# 660
Delta R.T. -0.01 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Tgt Ion: 63 Resp: 86264

Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.6	40.0
83	11.8	9.0	16.8



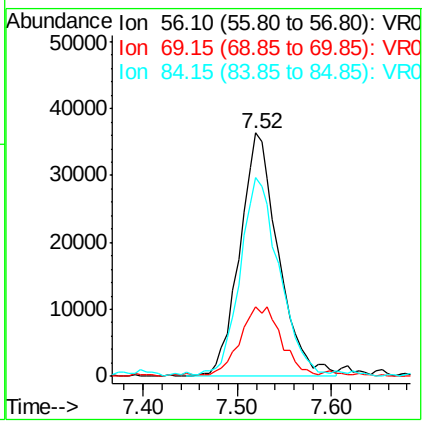


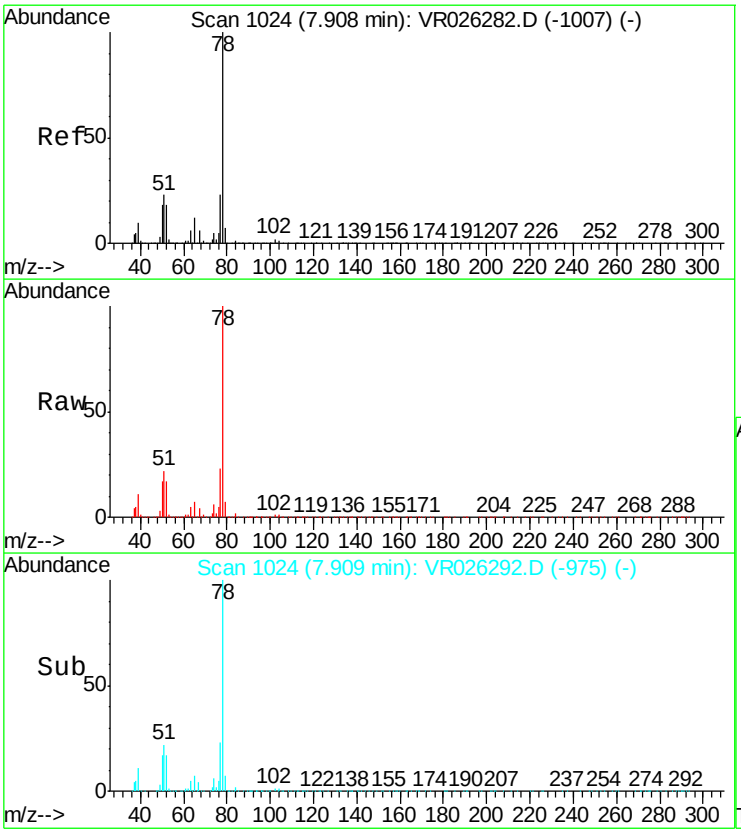
#30
Cyclohexane
Concen: 1.572 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Instrument :
MSVOA_R
ClientSampleId :
BE809

Tgt Ion: 56 Resp: 103963

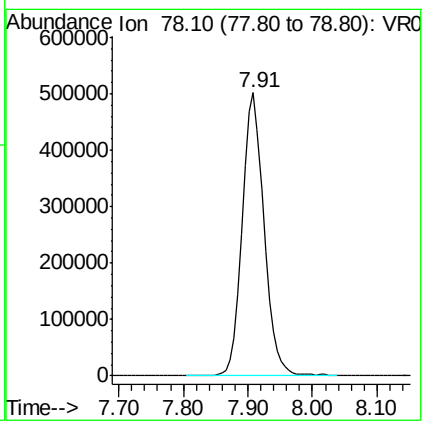
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.0	36.0
84	81.5	64.5	96.7

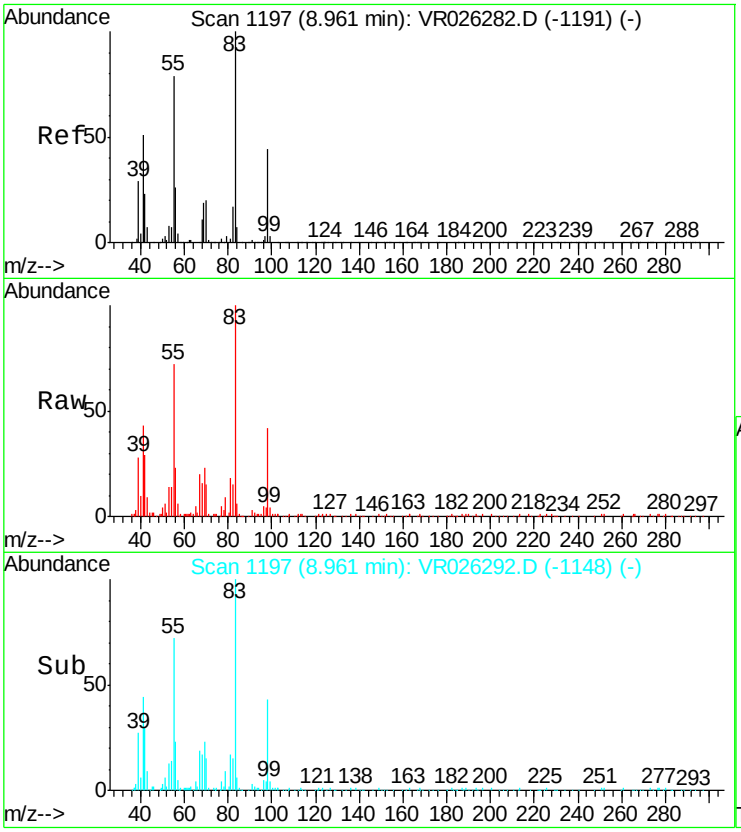




#33
Benzene
Concen: 6.490 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Tgt Ion: 78 Resp: 1164138



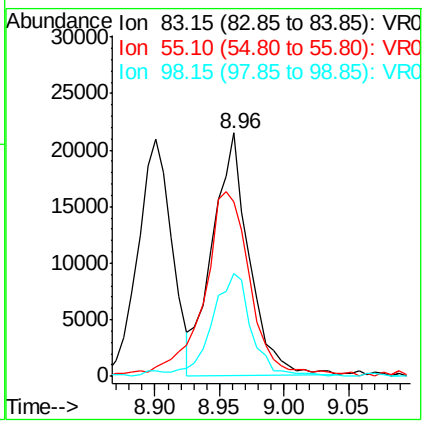


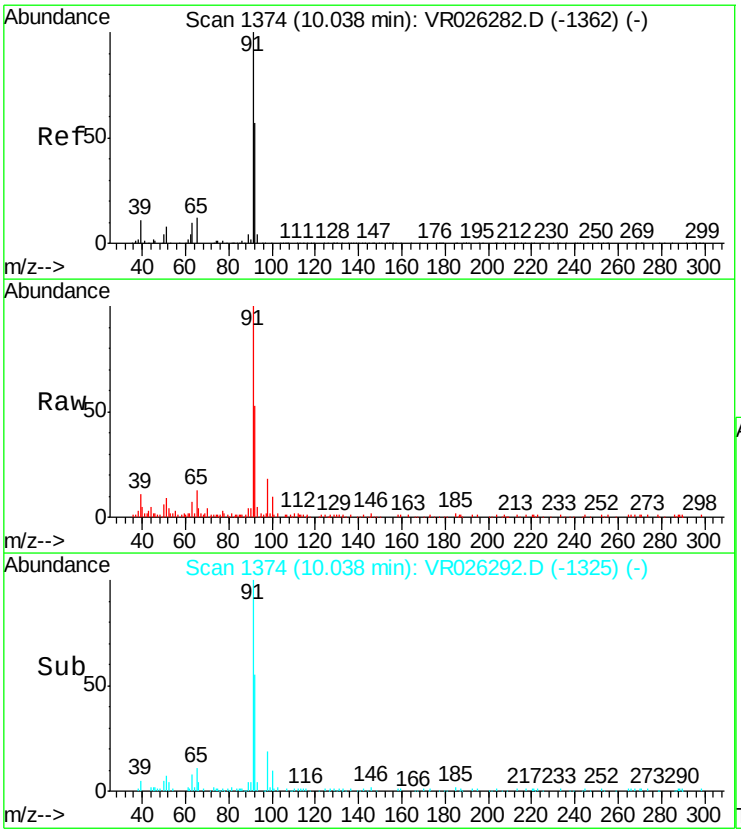
#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 8.96 min Scan# 1197
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Instrument :
MSVOA_R
ClientSampleId :
BE809

Tgt Ion: 83 Resp: 42578

Ion	Ratio	Lower	Upper
83	100		
55	97.7	66.6	99.8
98	44.5	35.5	53.3

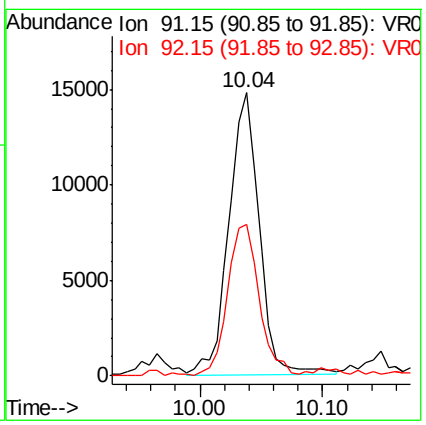


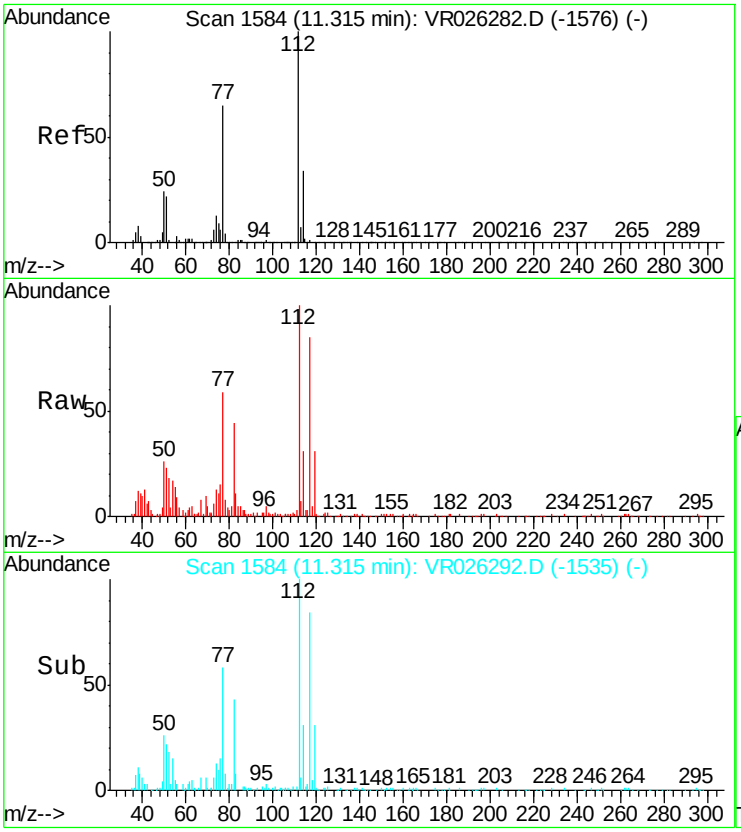


#42
Toluene
Concen: 0.138 ug/L
RT: 10.04 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Tgt Ion: 91 Resp: 25268

Ion	Ratio	Lower	Upper
91	100		
92	53.4	40.0	74.4



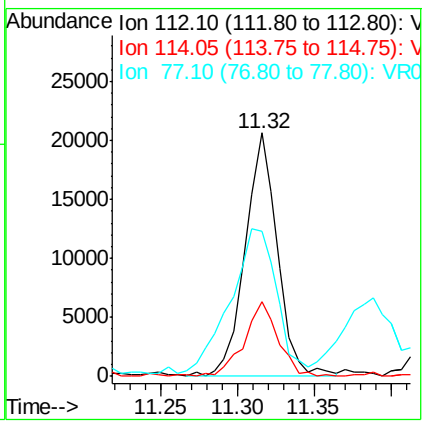


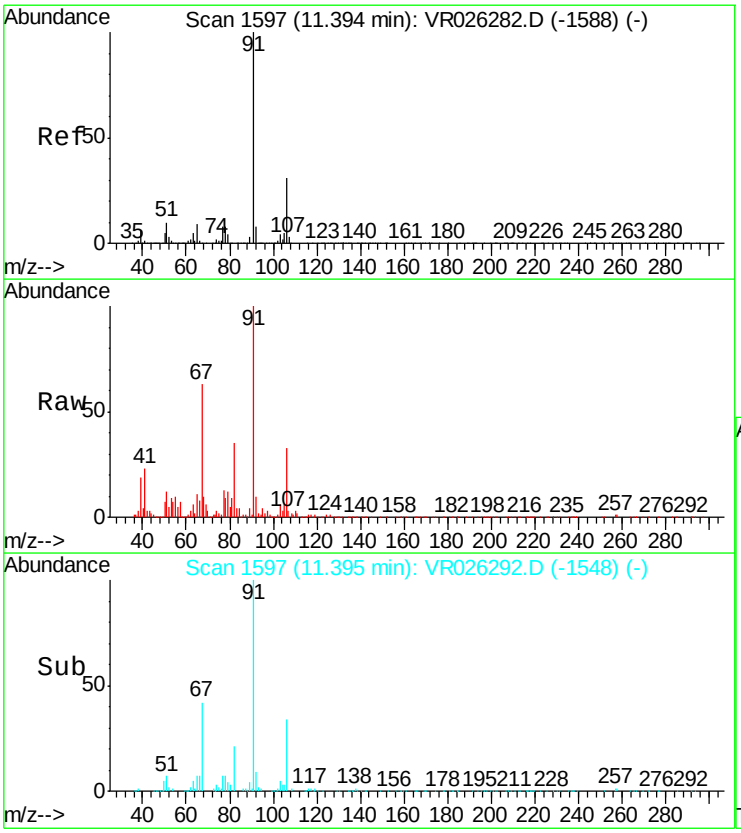
#51
Chlorobenzene
Concen: 0.290 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Instrument : MSVOA_R
ClientSampleId : BE809

Tgt Ion:112 Resp: 29788

Ion	Ratio	Lower	Upper
112	100		
114	30.8	21.7	40.3
77	59.4	49.4	74.2

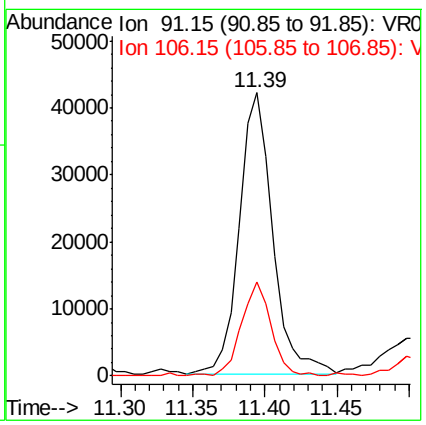


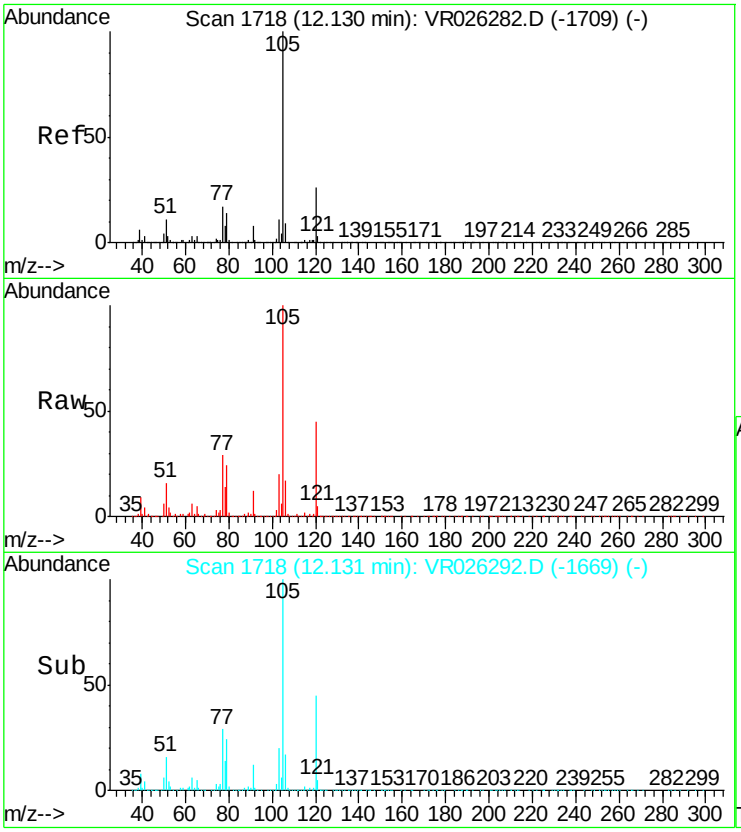


#52
Ethylbenzene
Concen: 0.325 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Tgt Ion: 91 Resp: 67308

Ion	Ratio	Lower	Upper
91	100		
106	33.2	21.4	39.8



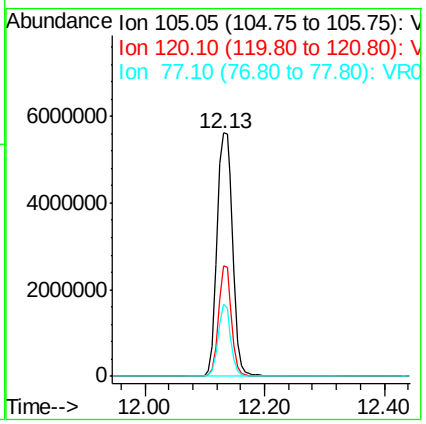


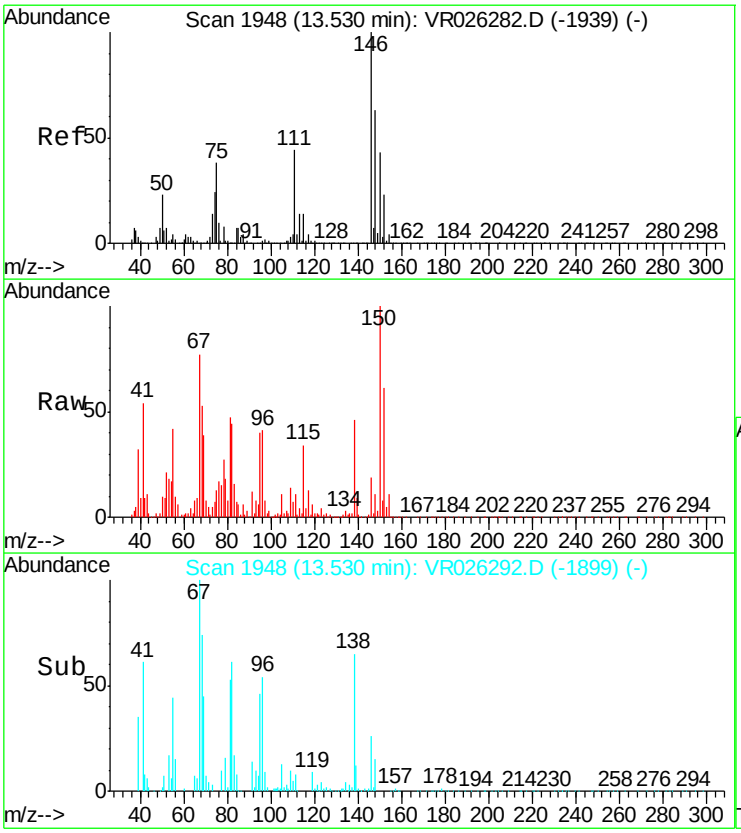
#56
Isopropylbenzene
Concen: 53.382 ug/L
RT: 12.13 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Instrument : MSVOA_R
ClientSampleId : BE809

Tgt Ion:105 Resp:10237523

Ion	Ratio	Lower	Upper
105	100		
120	37.6	21.2	31.8#
77	23.6	13.6	20.4#





#65
1,2-Dichlorobenzene
Concen: 0.387 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VR026292.D
Acq: 21 Dec 2018 21:11

Tgt Ion:146 Resp: 21488

Ion	Ratio	Lower	Upper
146	100		
111	58.0	34.6	52.0#
148	57.8	51.0	76.6