Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022719\

Quantitation Report (Not Reviewed)

Data File : VR026401.D
Acq On : 27 Feb 2019 13:26
Operator : SY/MD
Sample : K1585-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VHBLK01

Quant Time: Feb 28 07:33:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	449776	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	366077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	109093	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	214759	4.88	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	2.62	69	172018	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	3.60	63	418958	4.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.20%			
20) 2-Butanone-d5	6.59	46	133313	41.51	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.02%			
24) Chloroform-d	7.20	84	327570	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	7.89	65	129609	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	7.85	84	619377	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	8.89	67	154461	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	9.97	98	571187	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	10.24	79	35303	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.60%			
46) 2-Hexanone-d5	10.59	63	99484	42.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.68%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	52323	3.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	96804	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.61	96	4004	0.102	ug/L #	1
16) Methylene chloride	4.40	84	4715	0.137	ug/L	90
27) 1,2-Dichloroethane	7.84	62	4375	0.147	ug/L	99
34) Trichloroethene	8.46	95	14982	0.423	ug/L #	11
35) Methylcyclohexane	8.90	83	36623	0.730	ug/L #	16
44) trans-1,3-Dichloropropene	10.24	75	2332	0.098	ug/L	89
48) 2-Hexanone	10.59	43	18450	3.269	ug/L #	73
66) 1,2-Dibromo-3-chloropropan	14.13	75	273	0.268	ug/L #	39

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

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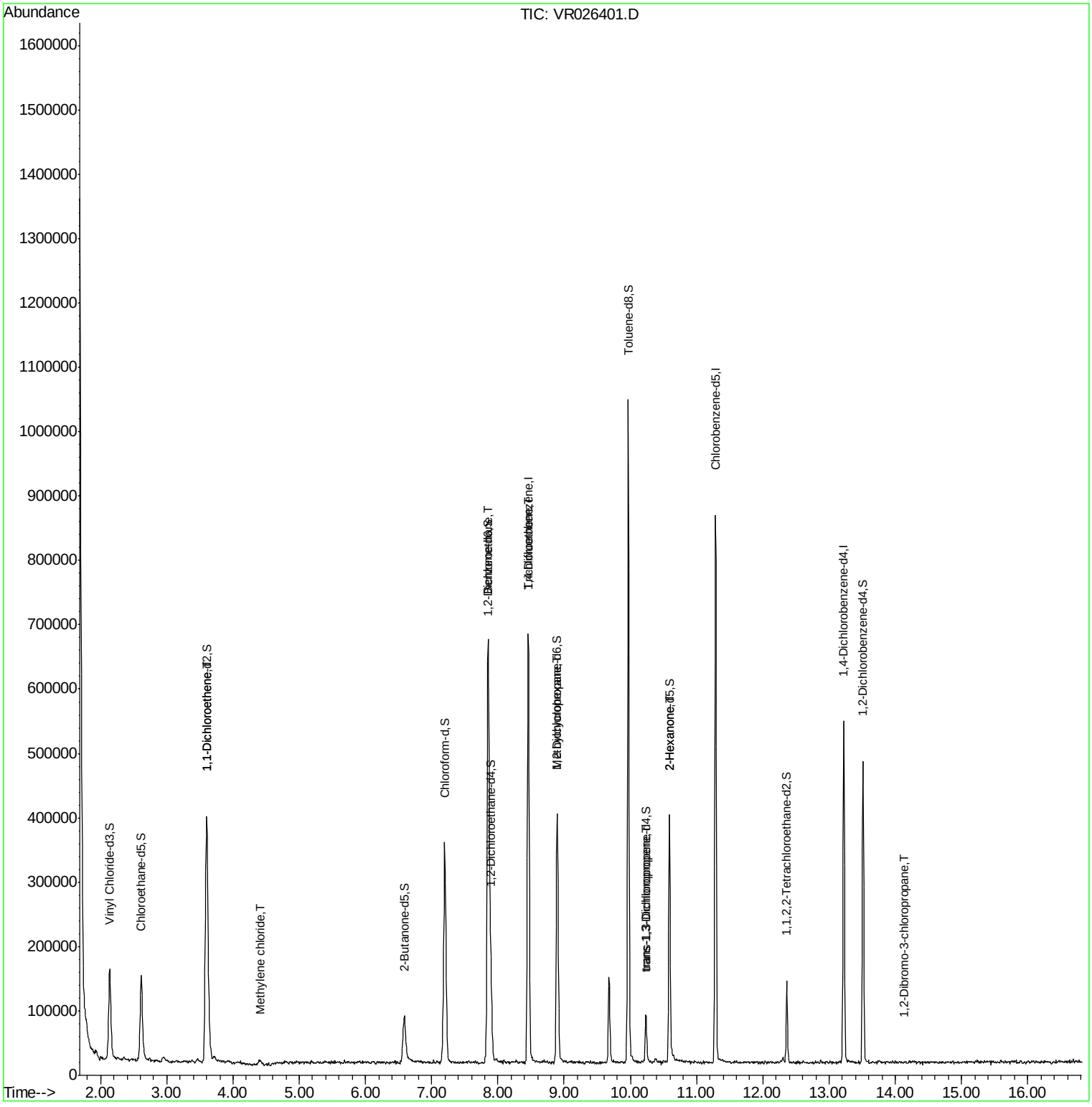
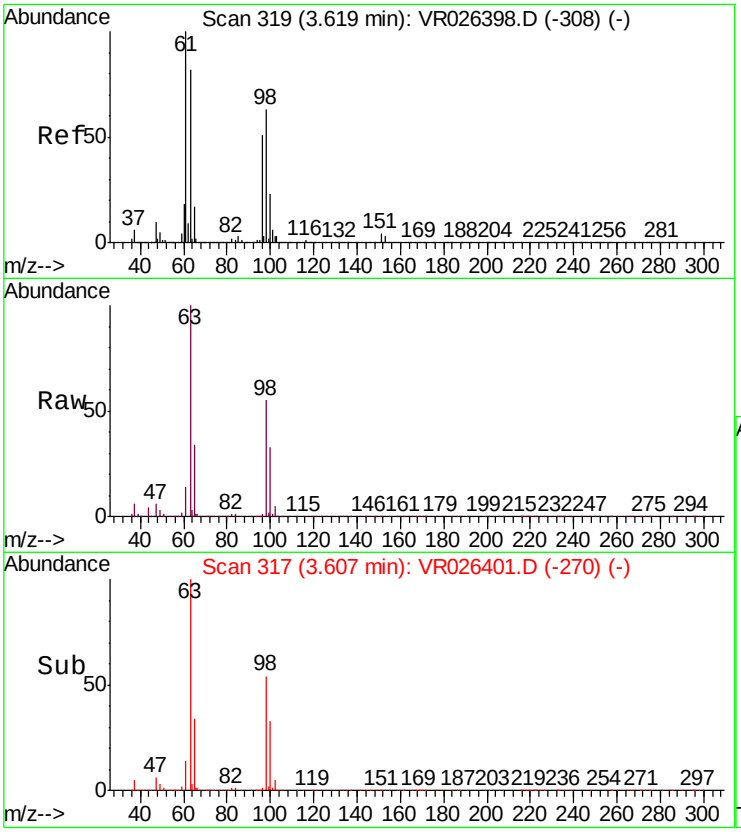
Instrument : MSVOA_R
ClientSampleId : VHBLK01

Quant Time: Feb 28 07:33:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration



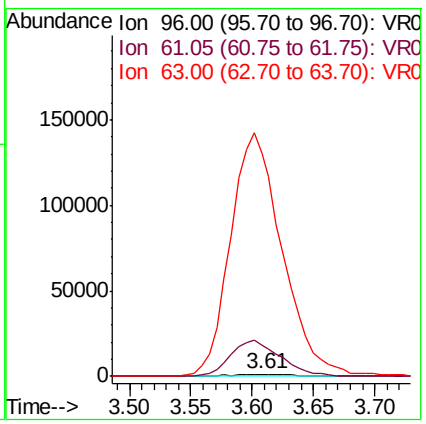


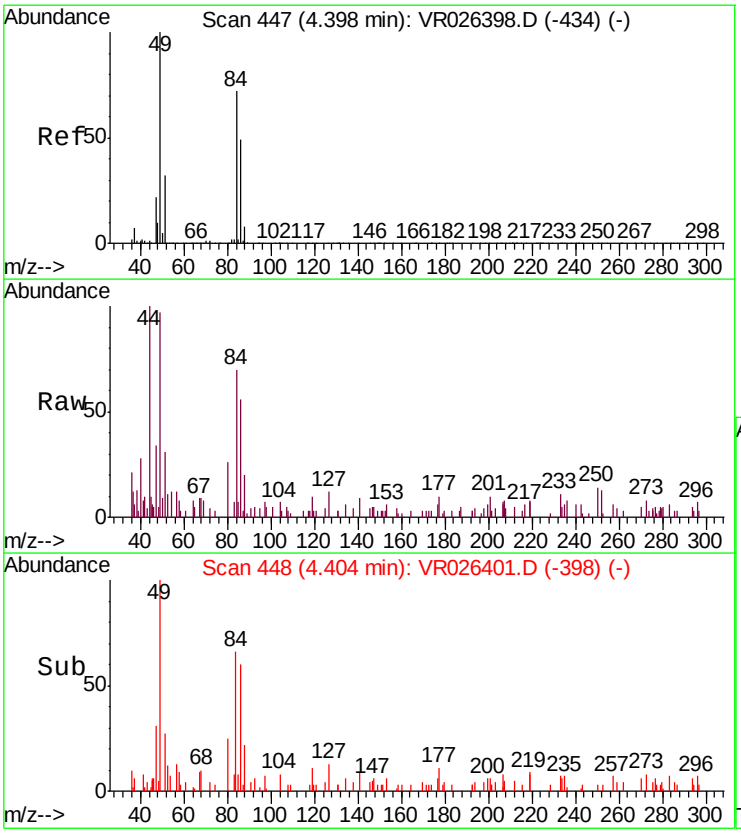
#12
1,1-Dichloroethene
Concen: 0.102 ug/L
RT: 3.61 min Scan# 317
Delta R.T. -0.01 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Instrument : MSVOA_R
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 4004

Ion	Ratio	Lower	Upper
96	100		
61	1413.4	135.9	252.5#
63	10277.1	136.6	253.6#

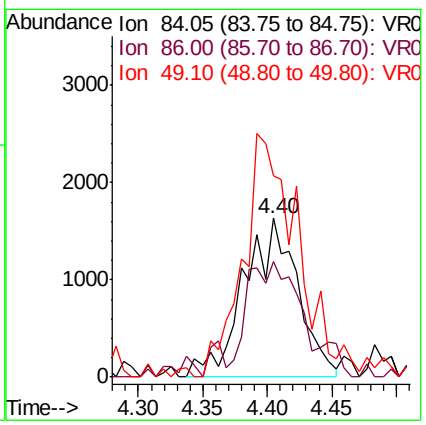


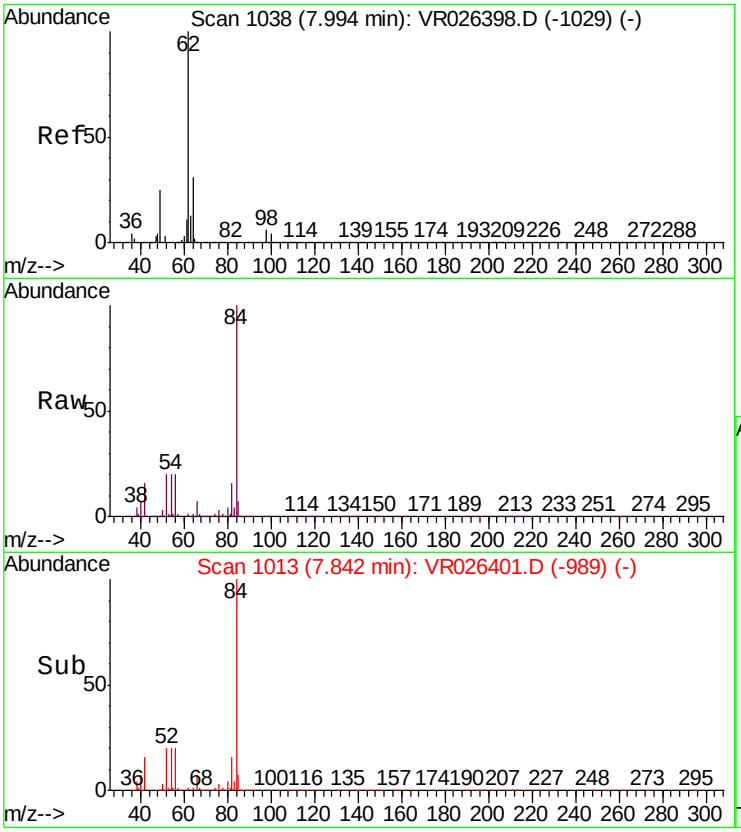


#16
Methylene chloride
Concen: 0.137 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.01 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Tgt Ion: 84 Resp: 4715

Ion	Ratio	Lower	Upper
84	100		
86	72.5	42.1	78.3
49	126.3	93.8	174.2



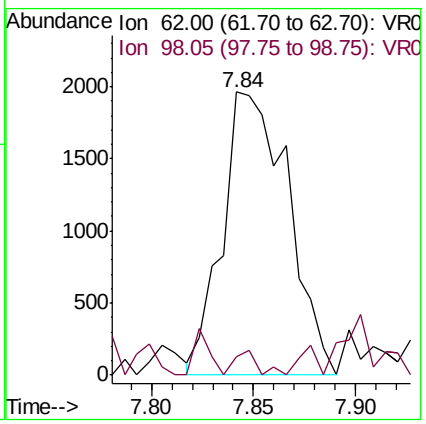


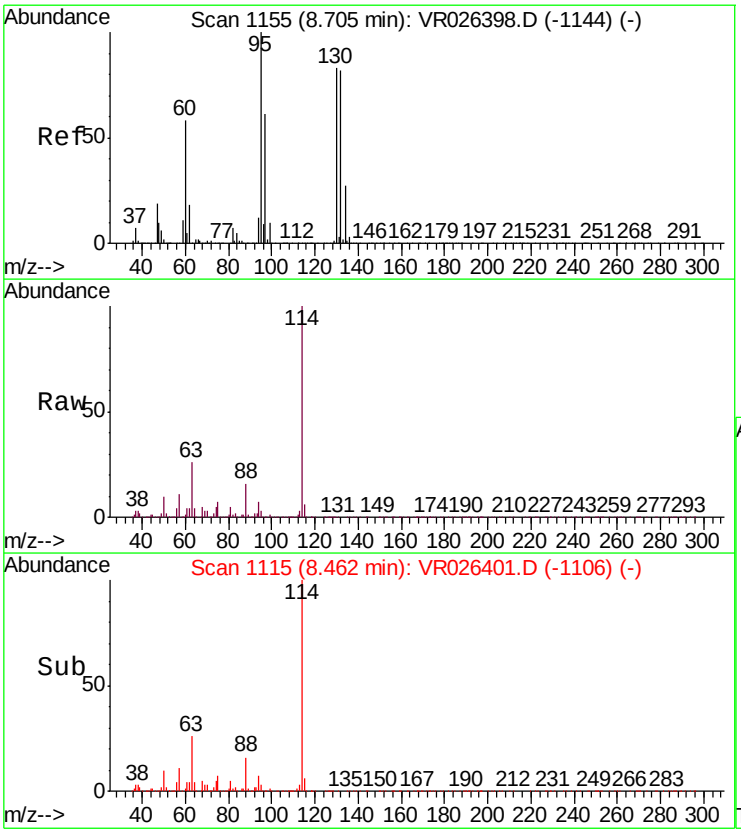
#27
1,2-Dichloroethane
Concen: 0.147 ug/L
RT: 7.84 min Scan# 1013
Delta R.T. -0.15 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Tgt Ion: 62 Resp: 4375

Ion	Ratio	Lower	Upper
62	100		
98	6.7	5.7	8.5

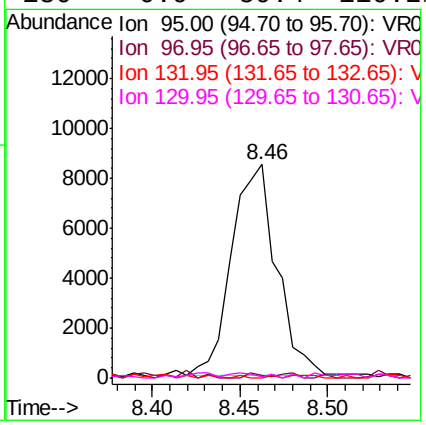


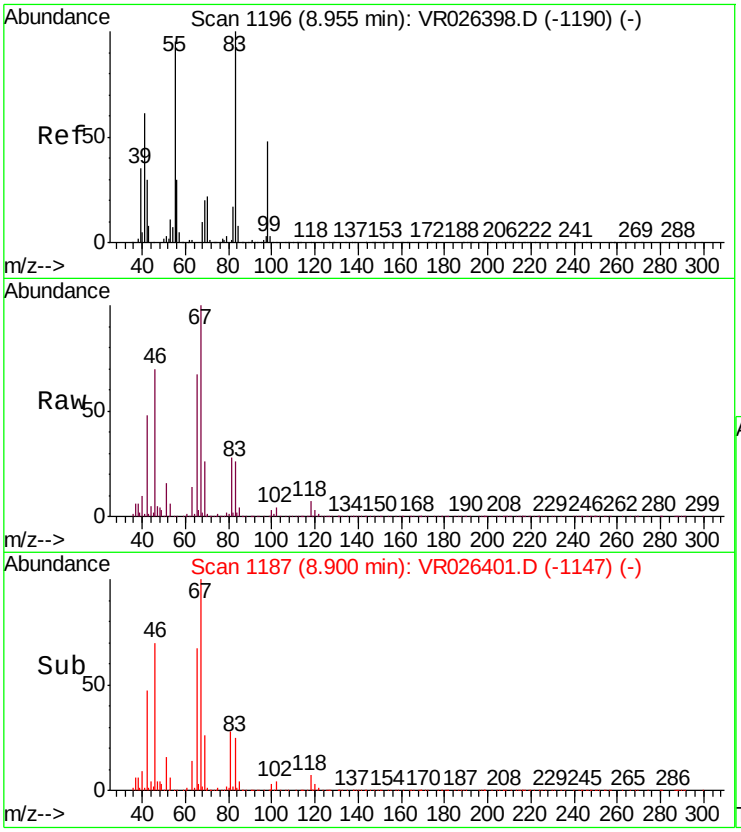


#34
Trichloroethene
Concen: 0.423 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Tgt Ion: 95 Resp: 14982

Ion	Ratio	Lower	Upper
95	100		
97	1.4	43.5	80.7#
132	0.0	58.6	108.8#
130	0.9	59.4	110.2#



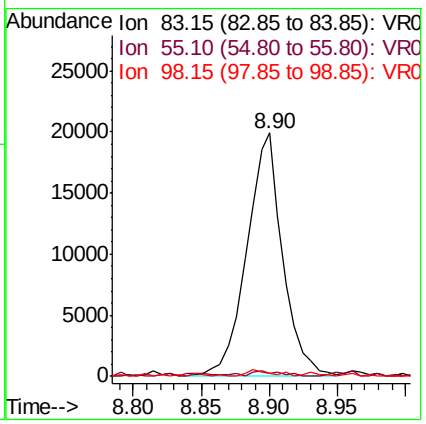


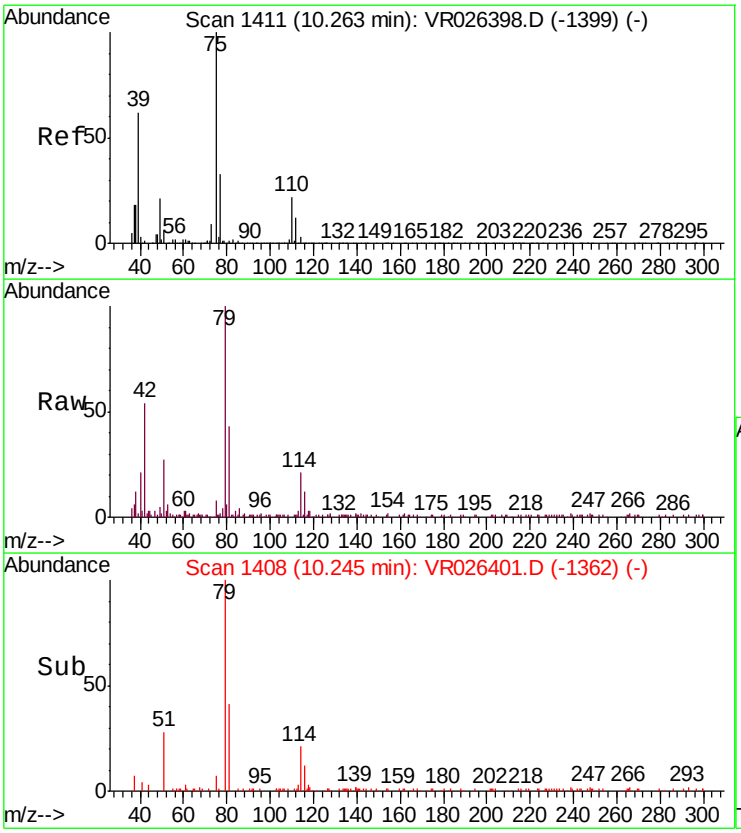
#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 36623

Ion	Ratio	Lower	Upper
83	100		
55	2.2	72.2	108.2#
98	1.6	35.0	52.4#

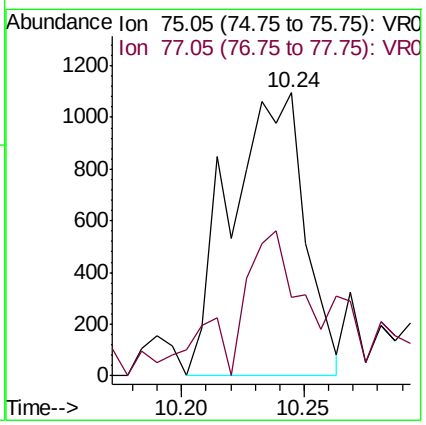


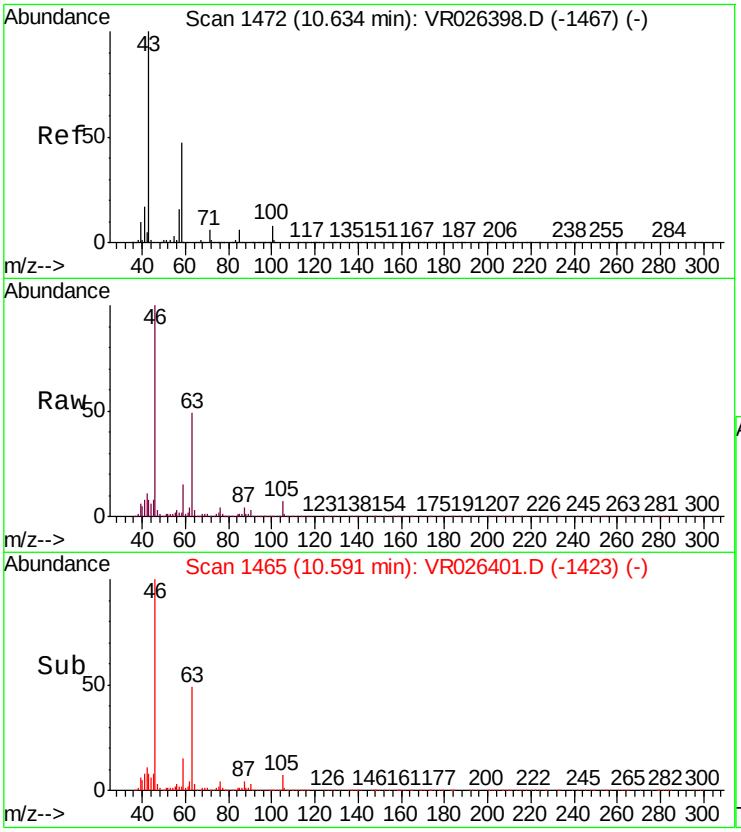


#44
trans-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 10.24 min Scan# 1408
Delta R.T. -0.02 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Tgt Ion: 75 Resp: 2332

Ion	Ratio	Lower	Upper
75	100		
77	27.9	23.9	44.3



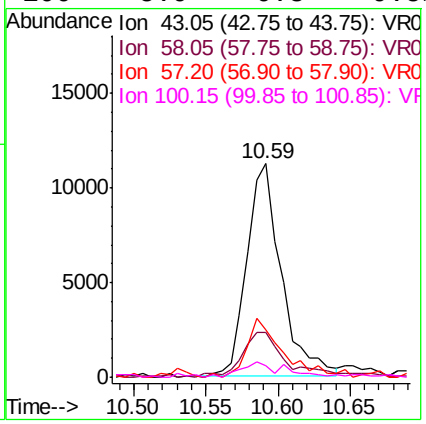


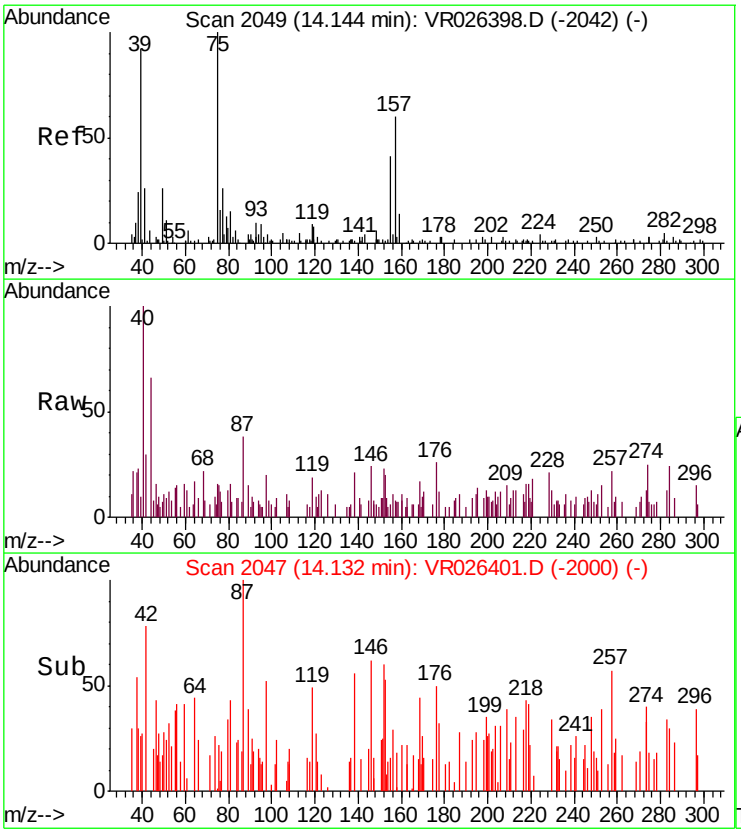
#48
2-Hexanone
Concen: 3.269 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Instrument : MSVOA_R
ClientSampleId : VHBLK01

Tgt Ion: 43 Resp: 18450

Ion	Ratio	Lower	Upper
43	100		
58	28.3	38.4	57.6#
57	29.1	13.2	19.8#
100	5.9	6.3	9.5#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.268 ug/L
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: VR026401.D
Acq: 27 Feb 2019 13:26

Tgt Ion: 75 Resp: 273

Ion	Ratio	Lower	Upper
75	100		
155	20.1	53.8	80.8#
157	26.8	67.4	101.0#