Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022619\

Quantitation Report (Not Reviewed)

Data File : VR026393.D
Acq On : 26 Feb 2019 17:58
Operator : SY/MD
Sample : K1588-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 27 07:34:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 27 07:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	460403	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	371607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	111304	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	149693	3.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.40%			
7) Chloroethane-d5	2.62	69	140651	3.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.20%			
11) 1,1-Dichloroethene-d2	3.60	63	305194	2.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.80%#			
20) 2-Butanone-d5	6.58	46	166647	50.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.38%			
24) Chloroform-d	7.20	84	305194	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
26) 1,2-Dichloroethane-d4	7.89	65	130909	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
32) Benzene-d6	7.85	84	536694	3.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.80%			
36) 1,2-Dichloropropane-d6	8.89	67	150898	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.20%			
41) Toluene-d8	9.97	98	490711	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	10.24	79	34205	3.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.20%			
46) 2-Hexanone-d5	10.59	63	131137	55.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.26%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57340	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
64) 1,2-Dichlorobenzene-d4	13.51	152	98641	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			

Target Compounds						Qvalue
13) Acetone	3.70	43	10307	3.485	ug/L	96
15) Methyl Acetate	3.93	43	67721	8.092	ug/L #	56
35) Methylcyclohexane	8.89	83	38362	0.753	ug/L #	16
40) 4-Methyl-2-pentanone	9.81	43	15100	1.821	ug/L #	53
44) trans-1,3-Dichloropropene	10.23	75	2592	0.107	ug/L	95
47) Tetrachloroethene	10.51	164	6175	0.237	ug/L	100
48) 2-Hexanone	10.59	43	21501	3.753	ug/L #	71

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

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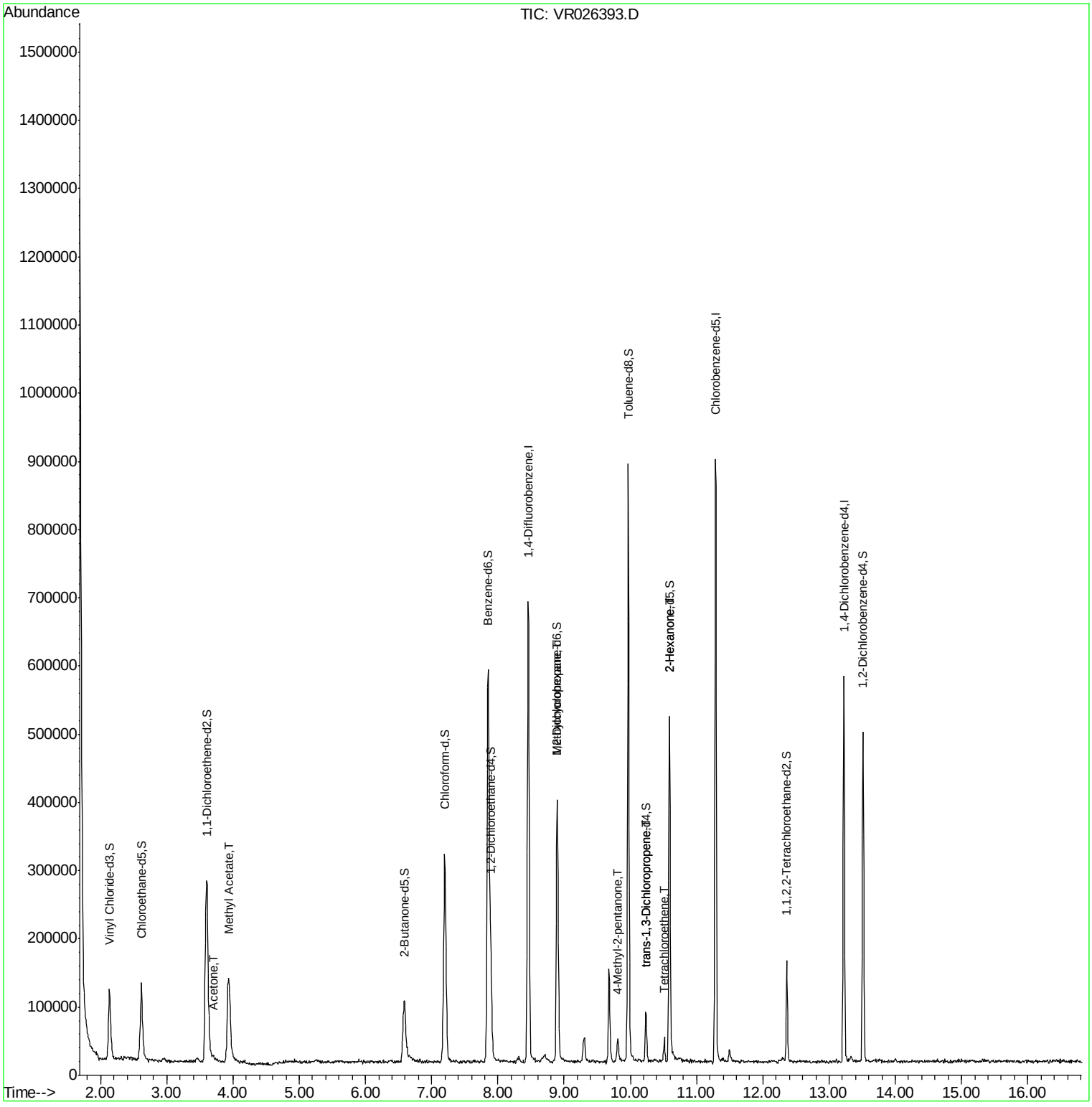
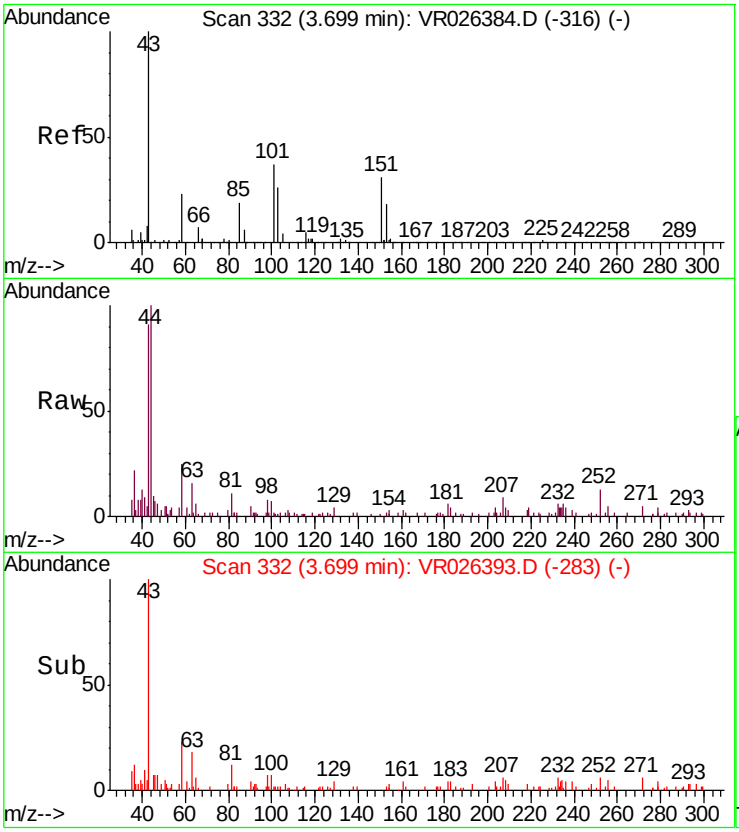
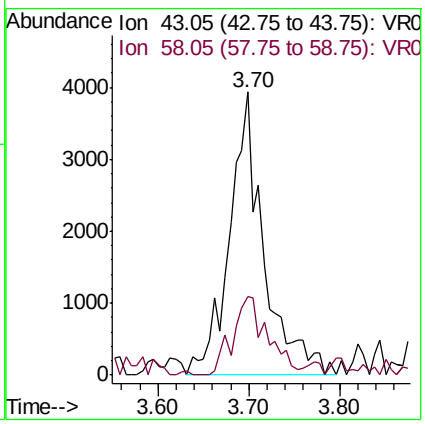


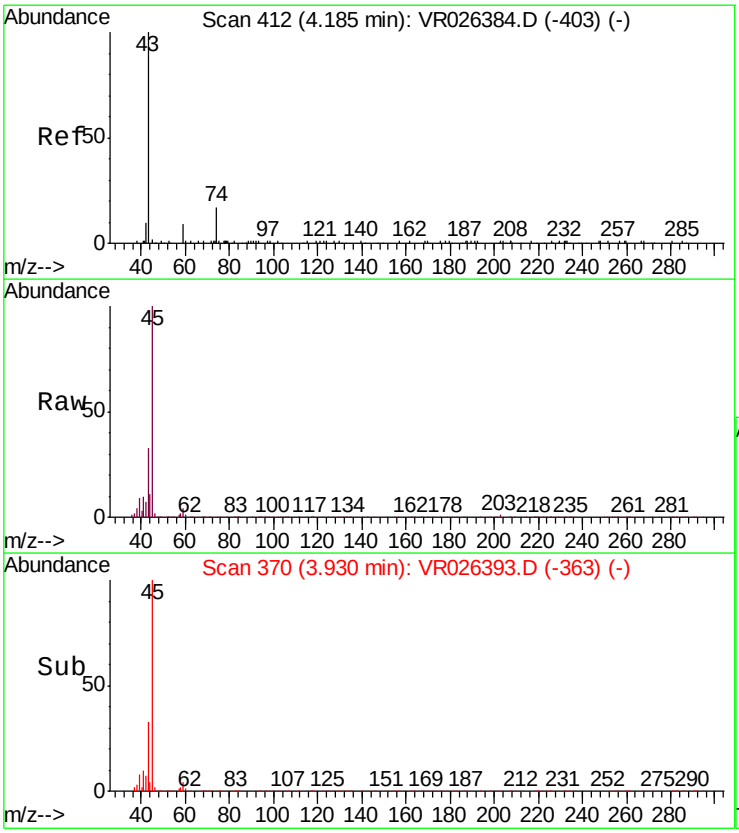


#13
Acetone
Concen: 3.485 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.00 min
Lab File: VR026393.D
Acq: 26 Feb 2019 17:58

Tgt Ion: 43 Resp: 10307

Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	52.2

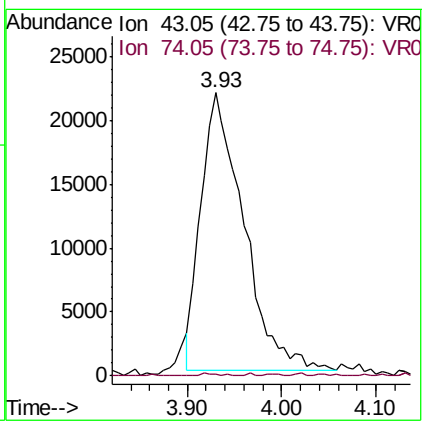


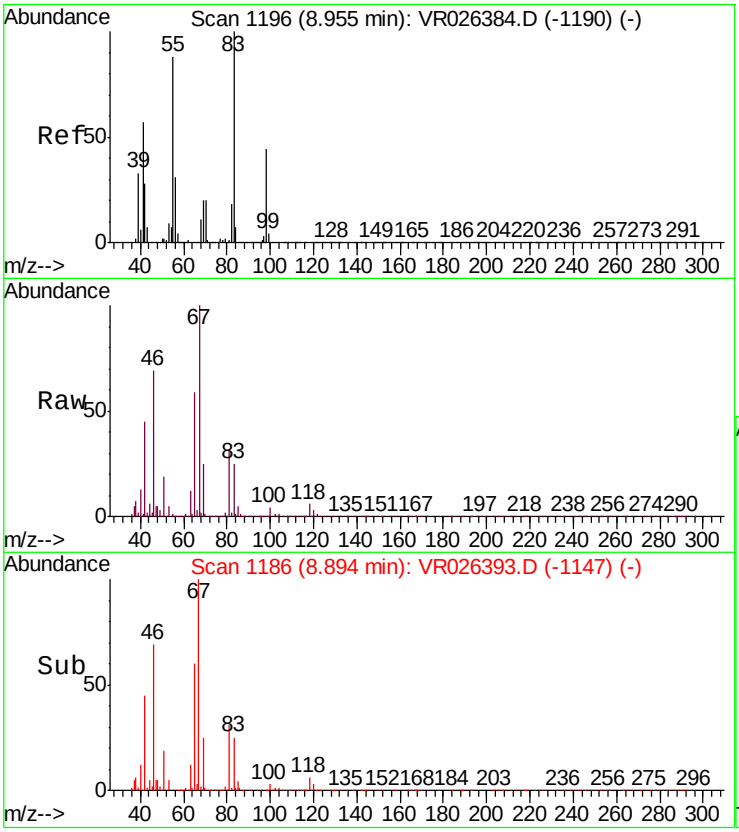


#15
Methyl Acetate
Concen: 8.092 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.26 min
Lab File: VR026393.D
Acq: 26 Feb 2019 17:58

Tgt Ion: 43 Resp: 67721

Ion	Ratio	Lower	Upper
43	100		
74	0.3	16.6	25.0#

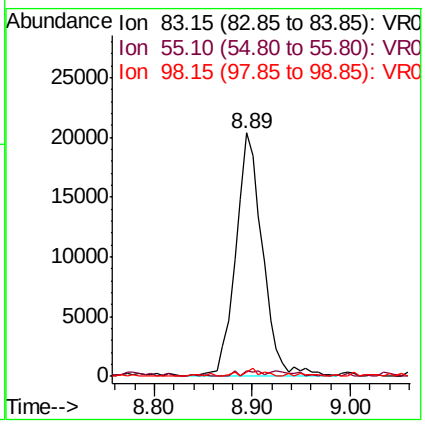


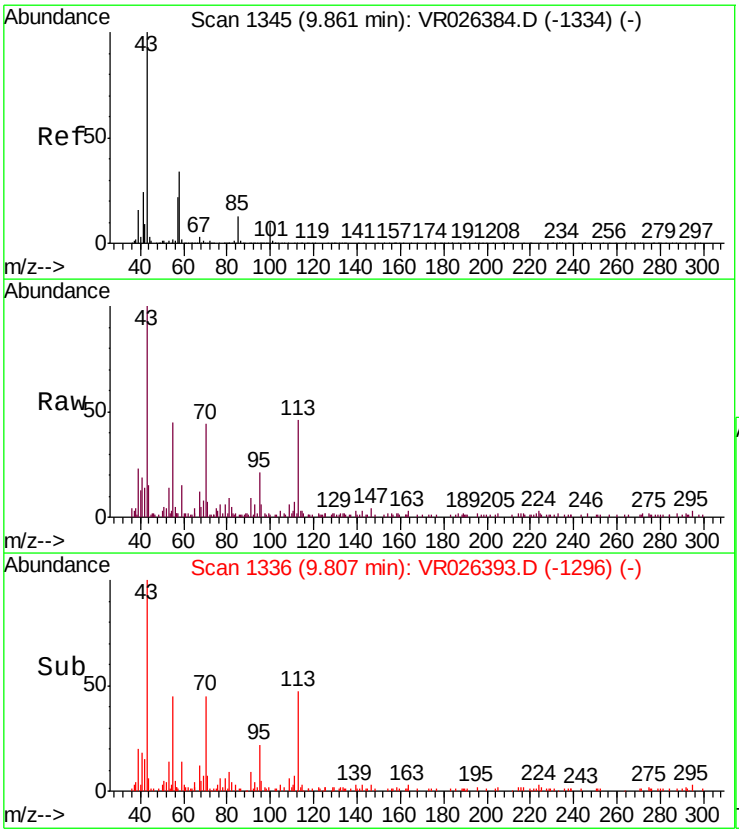


#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026393.D
Acq: 26 Feb 2019 17:58

Tgt Ion: 83 Resp: 38362

Ion	Ratio	Lower	Upper
83	100		
55	2.0	72.2	108.2#
98	2.2	35.0	52.4#

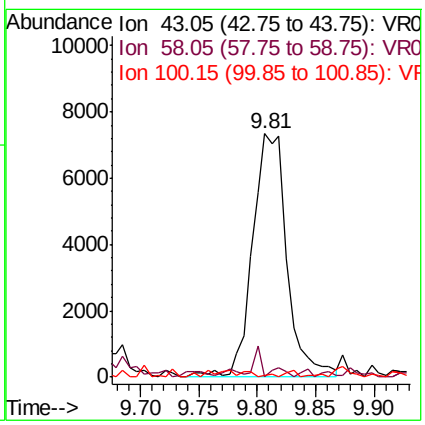


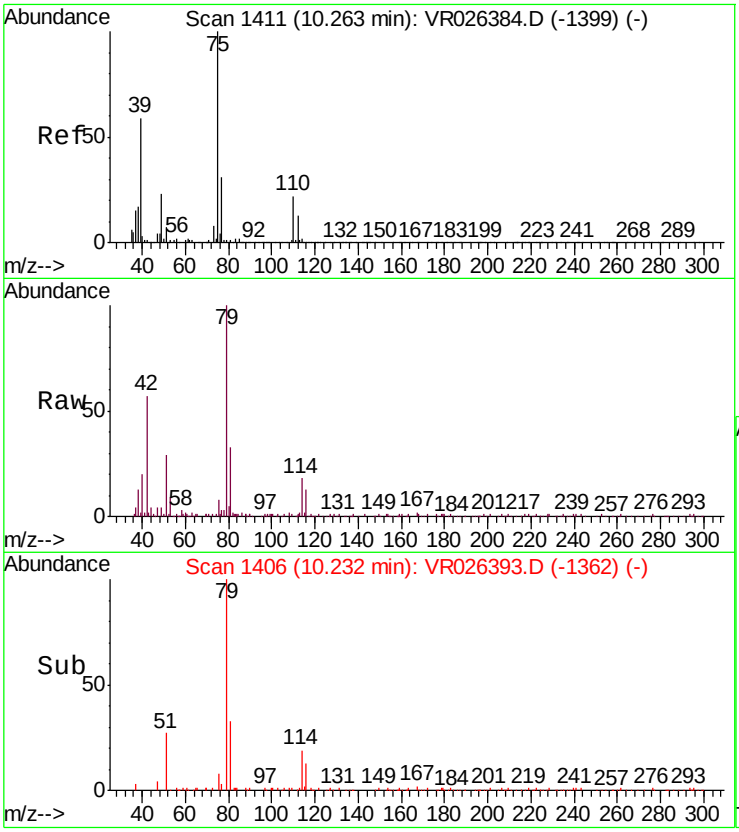


#40
4-Methyl-2-pentanone
Concen: 1.821 ug/L
RT: 9.81 min Scan# 1336
Delta R.T. -0.05 min
Lab File: VR026393.D
Acq: 26 Feb 2019 17:58

Tgt Ion: 43 Resp: 15100

Ion	Ratio	Lower	Upper
43	100		
58	3.1	26.7	40.1#
100	0.0	8.4	12.6#

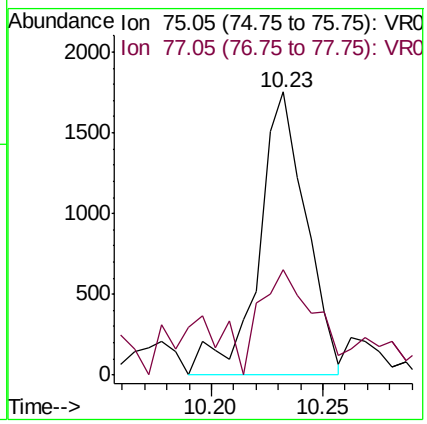


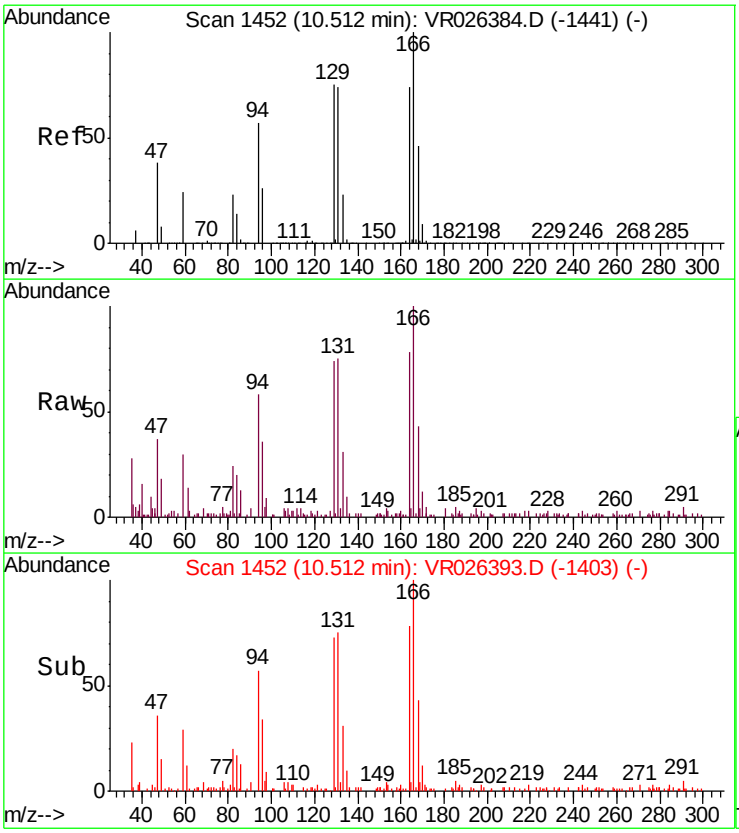


#44
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026393.D
Acq: 26 Feb 2019 17:58

Tgt Ion: 75 Resp: 2592

Ion	Ratio	Lower	Upper
75	100		
77	37.2	23.9	44.3

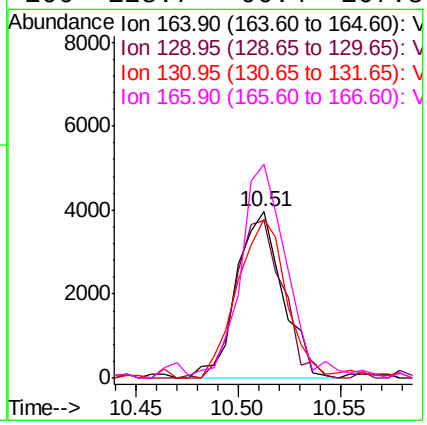


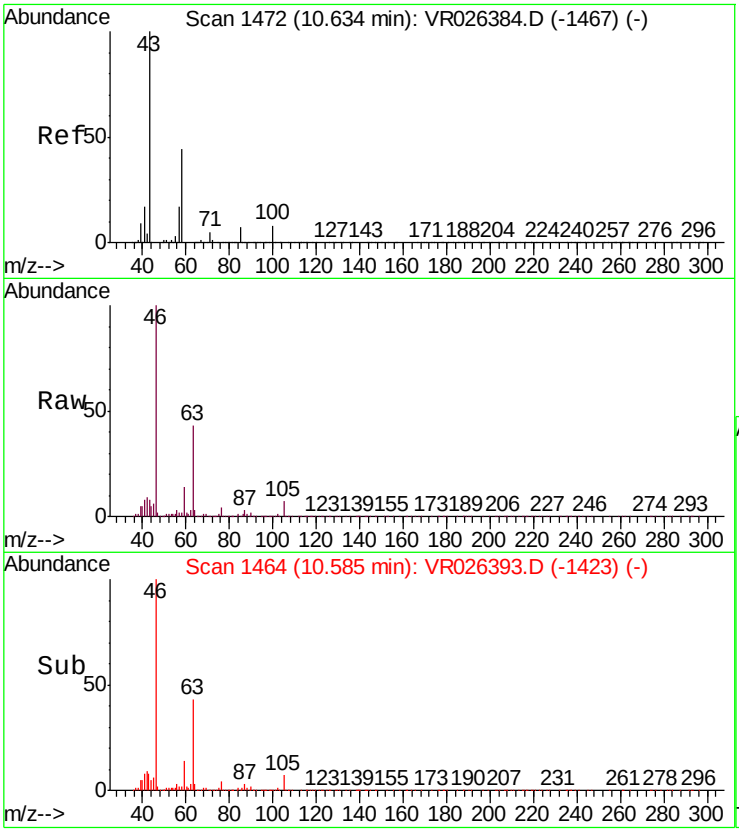


#47
Tetrachloroethene
Concen: 0.237 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026393.D
Acq: 26 Feb 2019 17:58

Tgt Ion:164 Resp: 6175

Ion	Ratio	Lower	Upper
164	100		
129	95.2	67.2	124.8
131	95.9	67.3	125.1
166	128.7	90.4	167.8





#48
2-Hexanone
Concen: 3.753 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026393.D
Acq: 26 Feb 2019 17:58

Tgt Ion: 43 Resp: 21501

Ion	Ratio	Lower	Upper
43	100		
58	26.8	38.4	57.6#
57	31.7	13.2	19.8#
100	6.2	6.3	9.5#