Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092018\
Data File : VW005532.D
Acq On : 20 Sep 2018 13:57
Operator : SY/AP
Sample : J4970-05
Misc : 4.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : E5FD7

Quant Time: Sep 21 01:01:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335513	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	130564	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	110911	22.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.32%			
7) Chloroethane-d5	2.89	69	89760	22.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.68%			
10) 1,1-Dichloroethene-d2	4.01	63	183413	16.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.12%			
20) 2-Butanone-d5	7.09	46	65081	33.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.16%			
24) Chloroform-d	7.65	84	223328	22.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	8.31	65	141617	23.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.00%			
29) Benzene-d6	8.28	84	445412	22.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.80%			
33) 1,2-Dichloropropane-d6	9.27	67	131671	21.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.16%			
37) Toluene-d8	10.33	98	408837	22.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.56%			
38) trans-1,3-Dichloropropene-	10.58	79	60541	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.36%			
39) 2-Hexanone-d5	10.93	63	49915	35.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.72%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104613	19.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.64%			
61) 1,2-Dichlorobenzene-d4	13.86	152	116726	23.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.32%			

Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1629	0.336	ug/L #	19
13) Acetone	4.14	43	13227	7.970	ug/L	100
16) Methylene chloride	4.91	84	11357	1.861	ug/L	97
21) 2-Butanone	7.17	43	4894	2.151	ug/L	90
44) Toluene	10.40	91	16967	0.810	ug/L	92
47) Tetrachloroethene	10.87	164	6684	1.565	ug/L	97
50) Dibromochloromethane	10.87	129	6294	1.373	ug/L #	12
53) Ethylbenzene	11.74	91	8514	0.350	ug/L	97
54) m,p-Xylene	11.84	106	4910	0.550	ug/L	84

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

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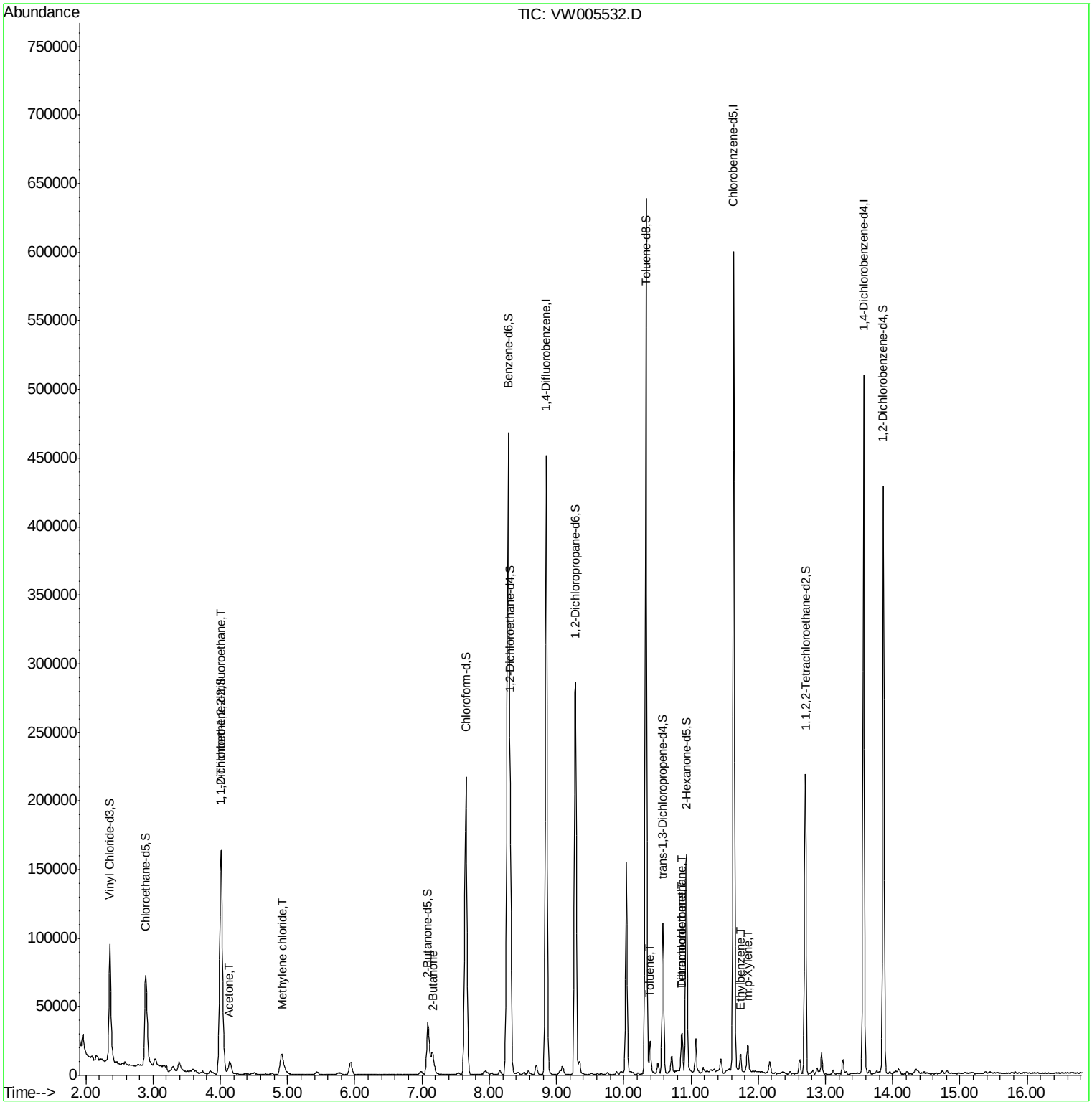
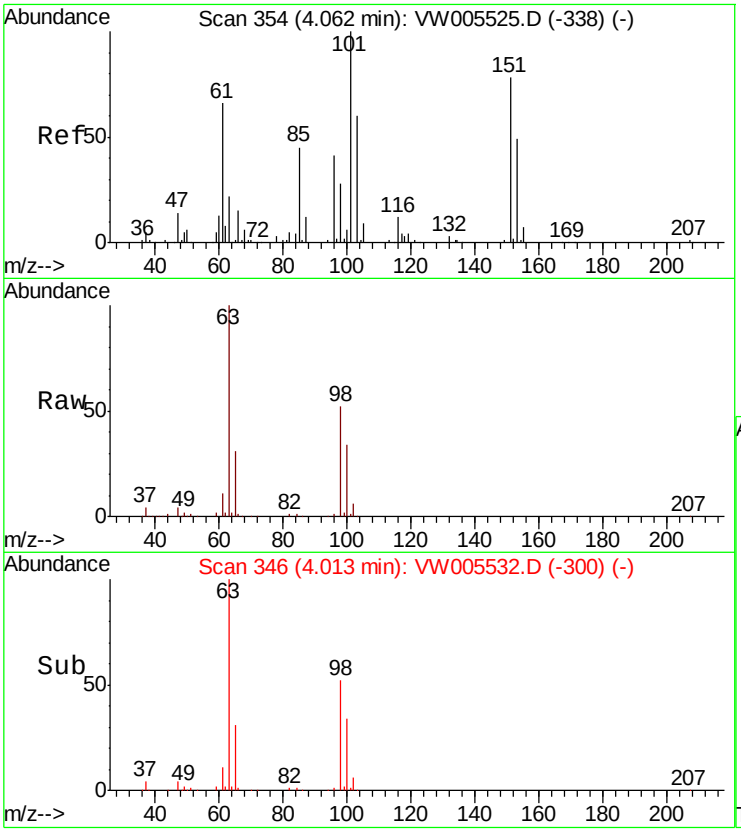
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : E5FD7

Quant Time: Sep 21 01:01:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration



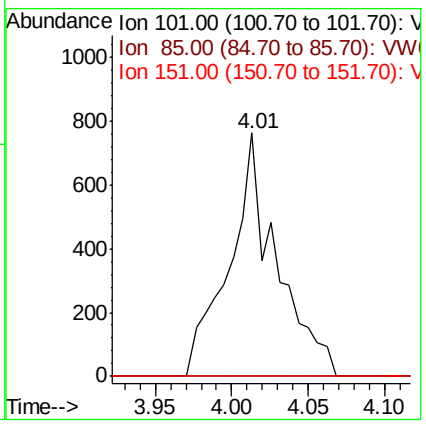


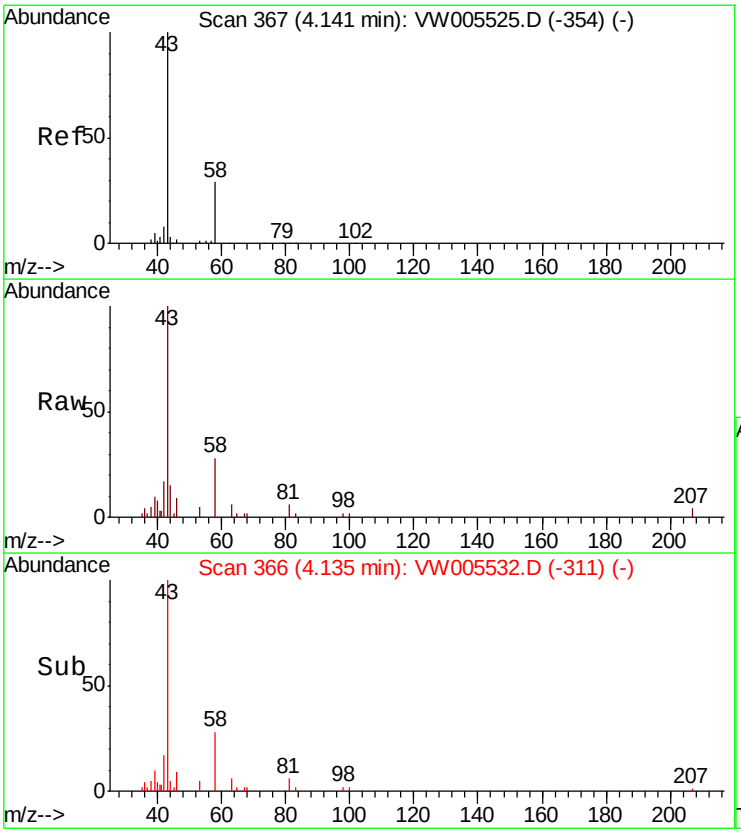
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.336 ug/L
RT: 4.01 min Scan# 346
Delta R.T. -0.05 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Instrument : MSVOA_W
ClientSampleId : E5FD7

Tgt Ion:101 Resp: 1629

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.7	52.1#
151	0.0	61.1	91.7#

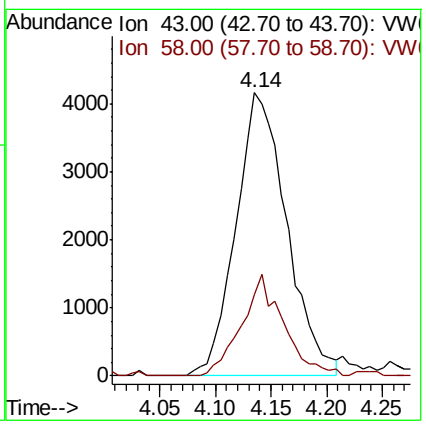


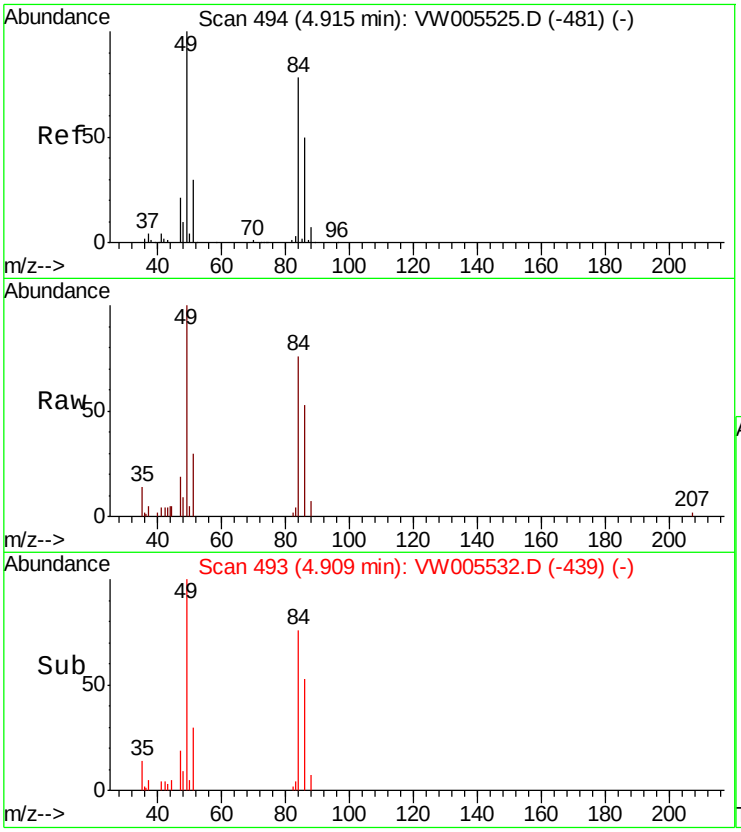


#13
Acetone
Concen: 7.970 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Tgt Ion: 43 Resp: 13227

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	59.2



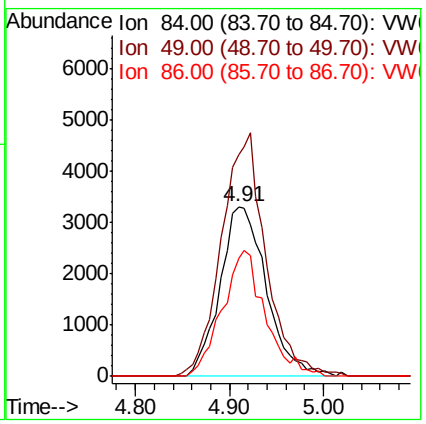


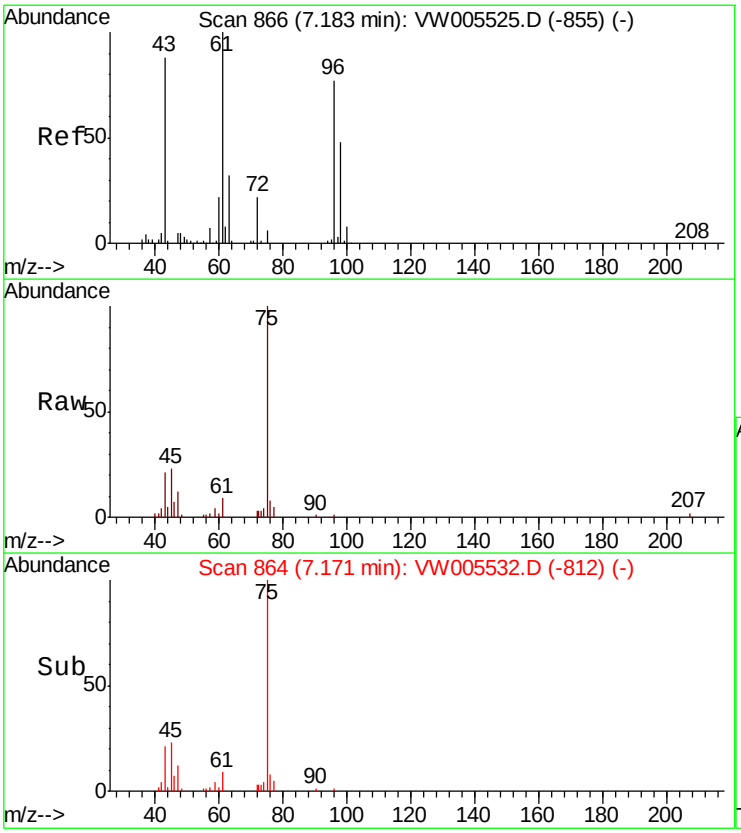
#16
Methylene chloride
Concen: 1.861 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Instrument : MSVOA_W
ClientSampleId : E5FD7

Tgt Ion: 84 Resp: 11357

Ion	Ratio	Lower	Upper
84	100		
49	131.0	91.5	169.9
86	69.9	44.8	83.2

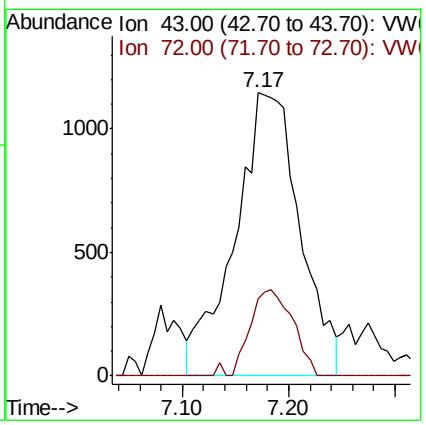


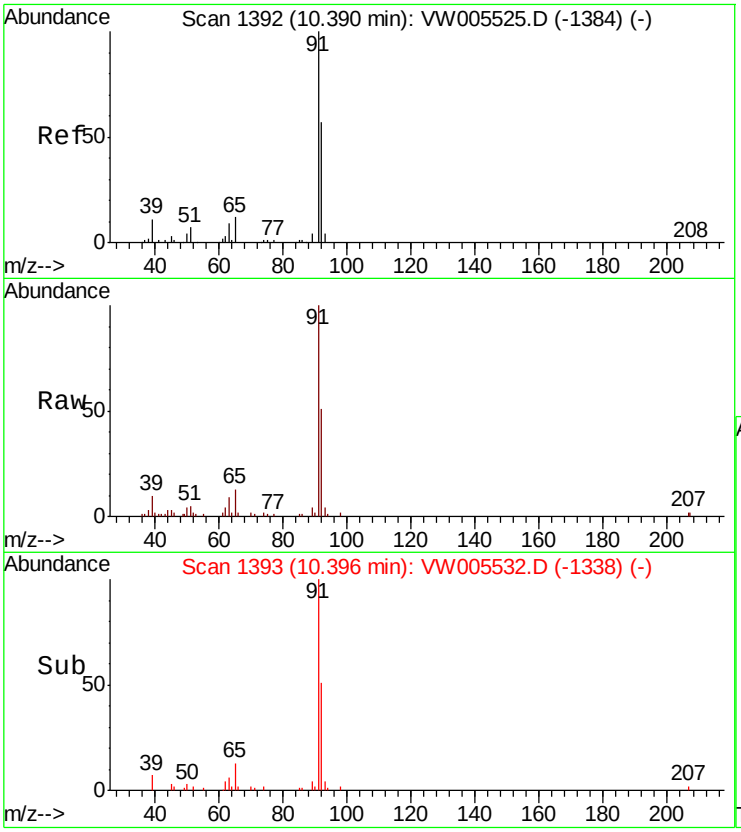


#21
2-Butanone
Concen: 2.151 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Tgt Ion: 43 Resp: 4894

Ion	Ratio	Lower	Upper
43	100		
72	19.9	12.6	37.6



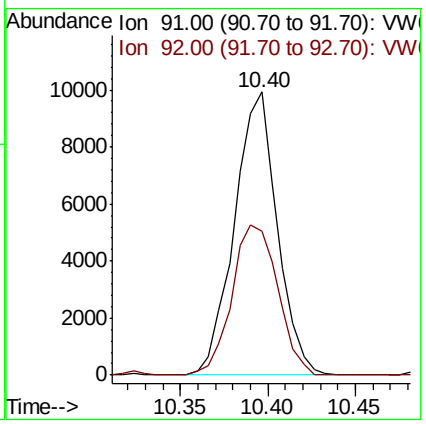


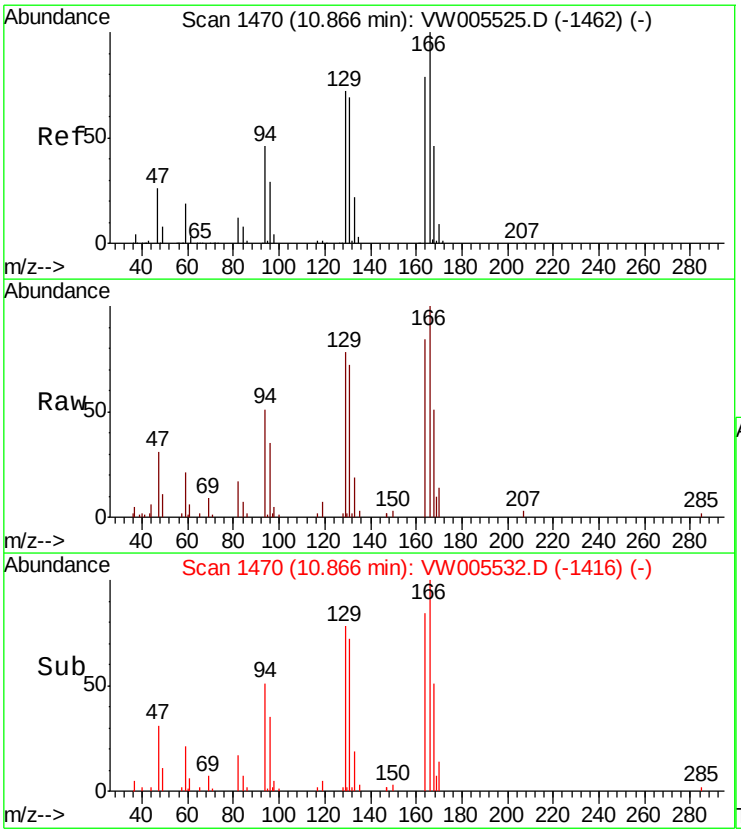
#44
Toluene
Concen: 0.810 ug/L
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Instrument : MSVOA_W
ClientSampleId : E5FD7

Tgt Ion: 91 Resp: 16967

Ion	Ratio	Lower	Upper
91	100		
92	51.0	40.0	74.2

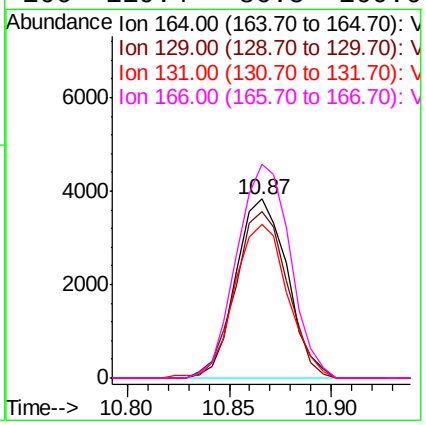


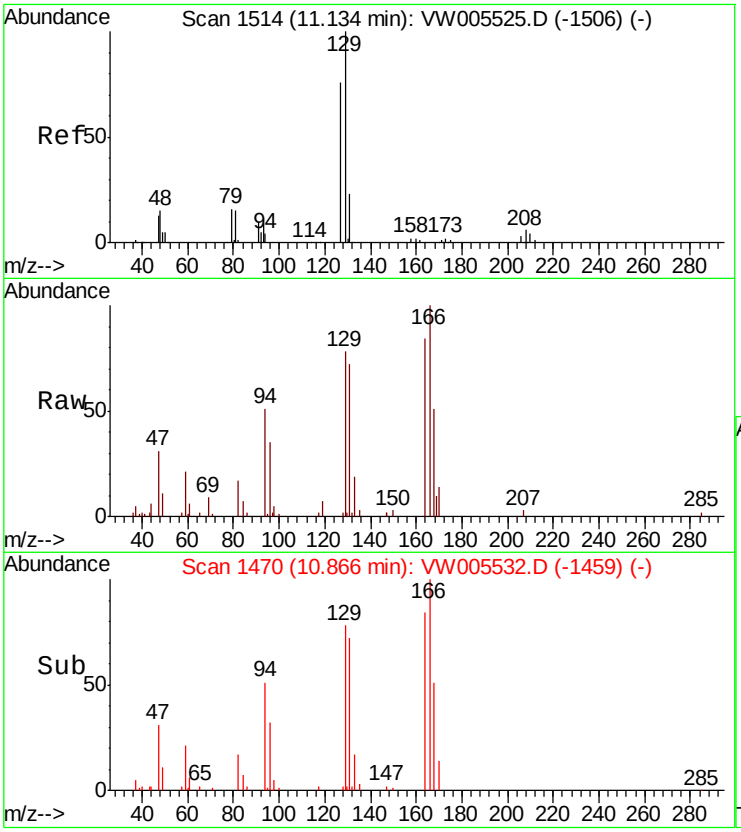


#47
Tetrachloroethene
Concen: 1.565 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Tgt Ion:164 Resp: 6684

Ion	Ratio	Lower	Upper
164	100		
129	92.9	63.7	118.3
131	86.2	63.3	117.5
166	119.4	86.5	160.6



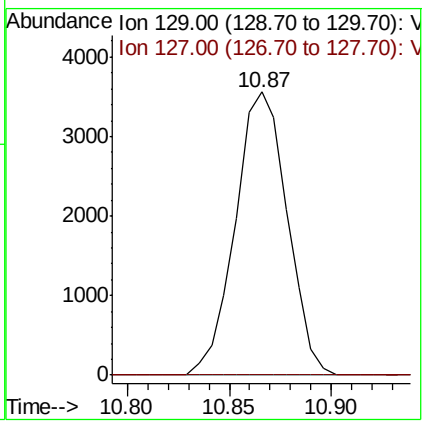


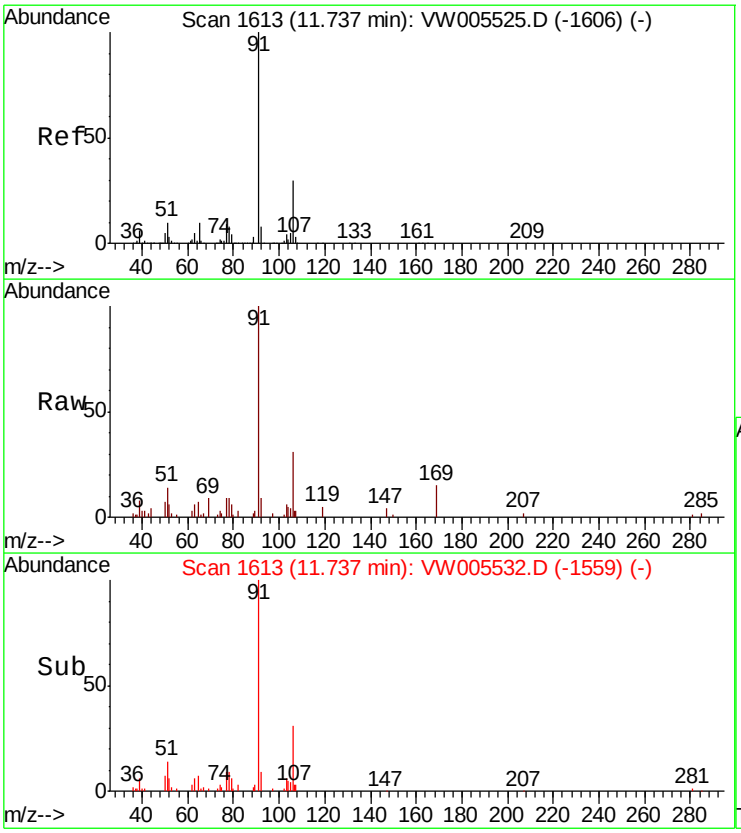
#50
Dibromochloromethane
Concen: 1.373 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Instrument : MSVOA_W
ClientSampleId : E5FD7

Tgt Ion:129 Resp: 6294

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#

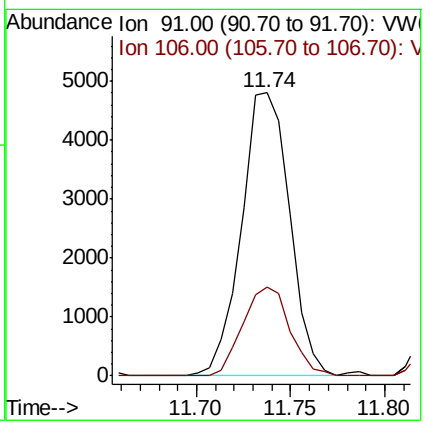


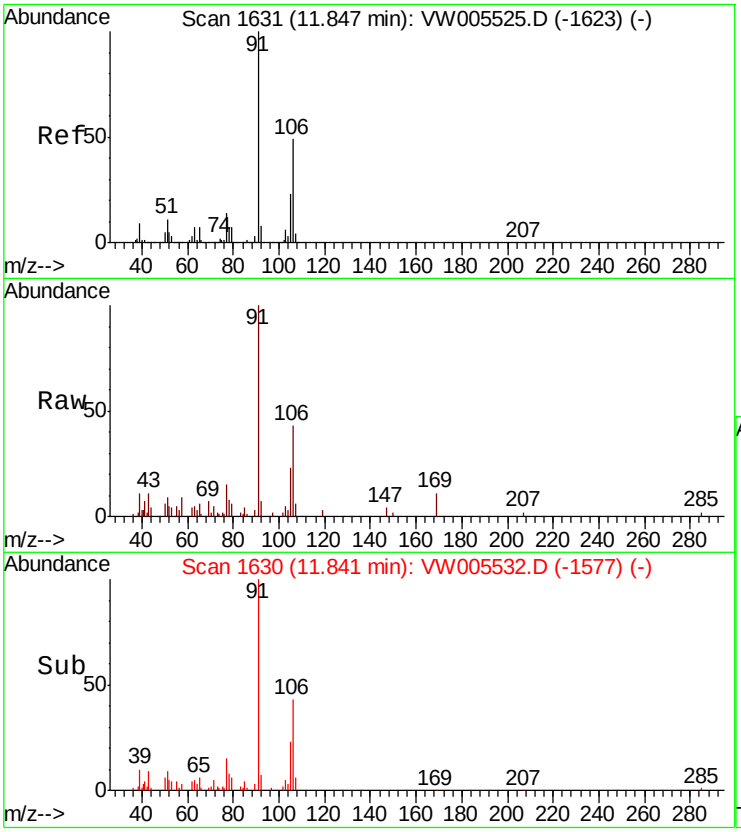


#53
Ethylbenzene
Concen: 0.350 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Tgt Ion: 91 Resp: 8514

Ion	Ratio	Lower	Upper
91	100		
106	31.3	20.8	38.6





#54
m,p-Xylene
Concen: 0.550 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005532.D
Acq: 20 Sep 2018 13:57

Instrument :
MSVOA_W
ClientSampleId :
E5FD7

Tgt Ion:106 Resp: 4910

Ion	Ratio	Lower	Upper
106	100		
91	231.2	144.6	268.6