Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110819\
Data File : VV013536.D
Acq On : 08 Nov 2019 11:57
Operator : SY/MD
Sample : VIBLK42
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK42

Quant Time: Nov 08 22:28:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:19:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	433642	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	421203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	193510	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	91891	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.58	69	83205	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.13	63	115310	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	3.96	46	338201	51.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.24%			
24) Chloroform-d	4.40	84	229617	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.08	65	127727	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.10	84	439702	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.12	67	151598	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.36	98	345876	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	7.66	79	53427	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.14	63	197349	44.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.04%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111803	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	177927	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
14) Carbon disulfide	2.32	76	10847	0.138	ug/L #	81
16) Methylene chloride	2.53	84	5473	0.160	ug/L	95
51) Chlorobenzene	8.93	112	6518	0.073	ug/L	94
55) Styrene	9.60	104	6133	0.069	ug/L	95
56) Isopropylbenzene	9.97	105	9225	0.065	ug/L	93
62) 1,3-Dichlorobenzene	11.22	146	11007	0.170	ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	13642	0.210	ug/L	90
65) 1,2-Dichlorobenzene	11.68	146	12607	0.212	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	18526	0.459	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	18256	0.482	ug/L	93

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

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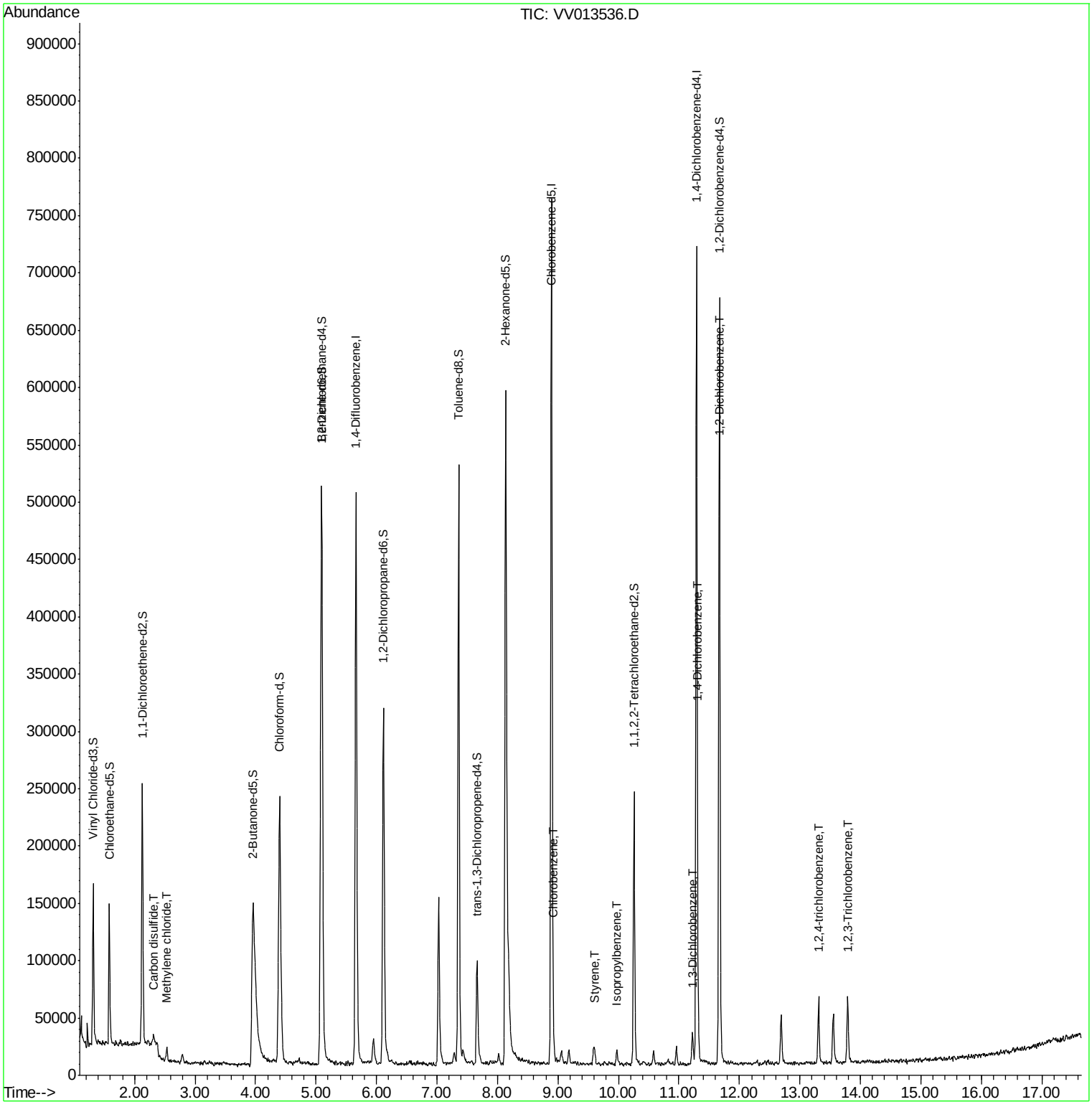
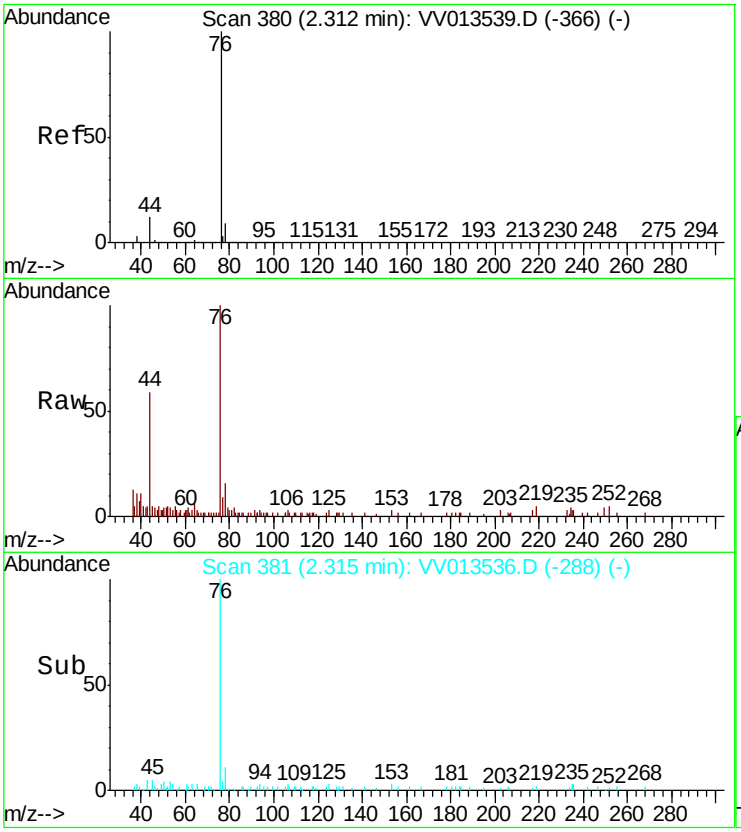


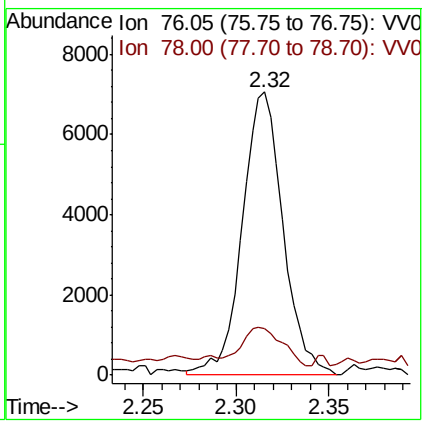


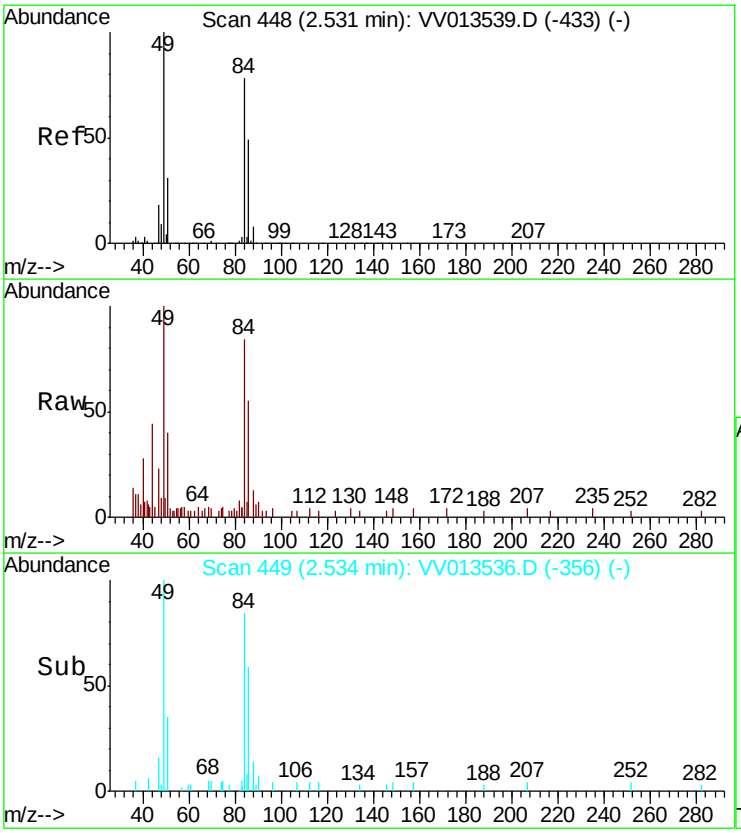
#14
Carbon disulfide
Concen: 0.138 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Instrument : MSVOA_V
ClientSampleId : VIBLK42

Tgt Ion: 76 Resp: 10847

Ion	Ratio	Lower	Upper
76	100		
78	16.5	7.5	11.3#

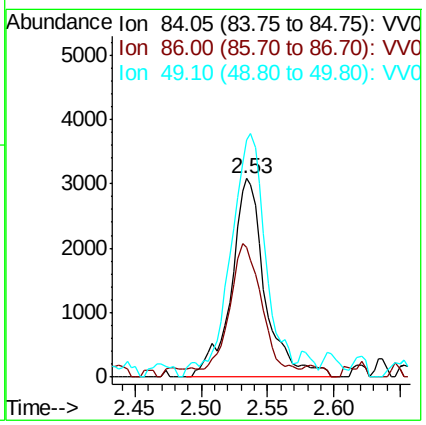


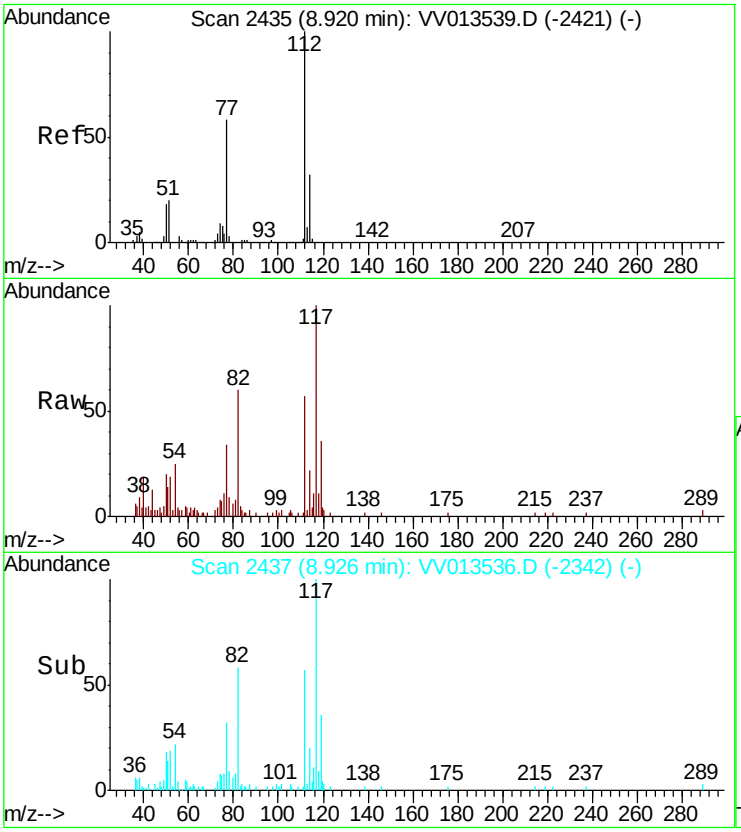


#16
Methylene chloride
Concen: 0.160 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Tgt Ion: 84 Resp: 5473

Ion	Ratio	Lower	Upper
84	100		
86	65.6	44.2	82.2
49	119.6	88.8	164.8



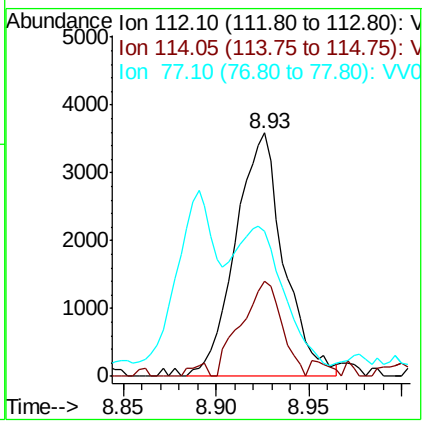


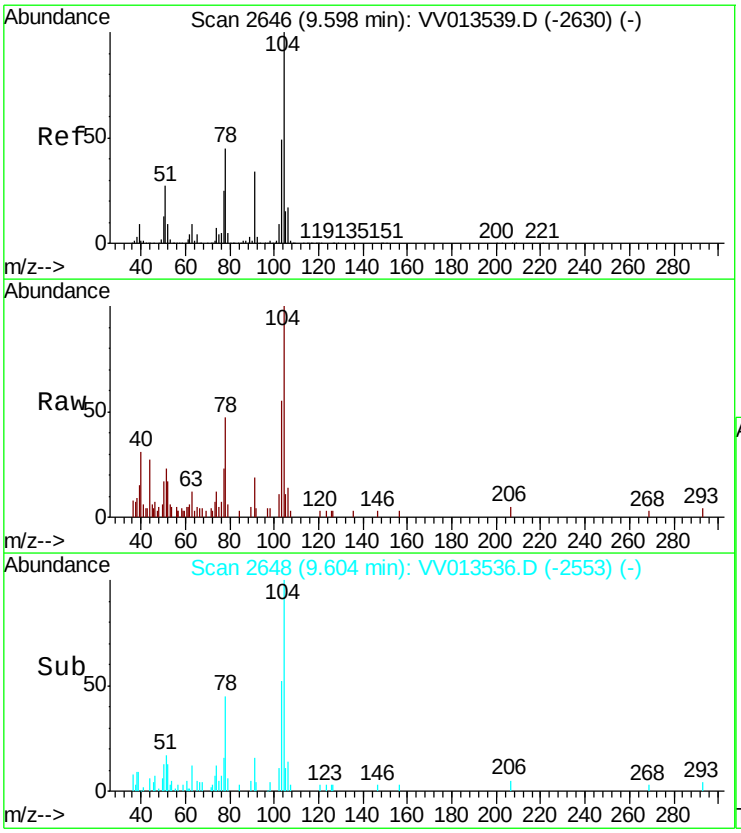
#51
Chlorobenzene
Concen: 0.073 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.01 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion:112 Resp: 6518

Ion	Ratio	Lower	Upper
112	100		
114	38.8	22.6	42.0
77	59.6	46.2	69.2

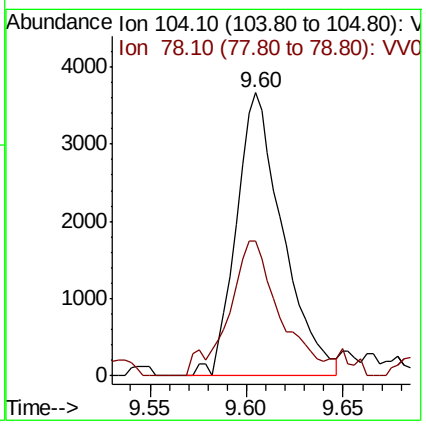


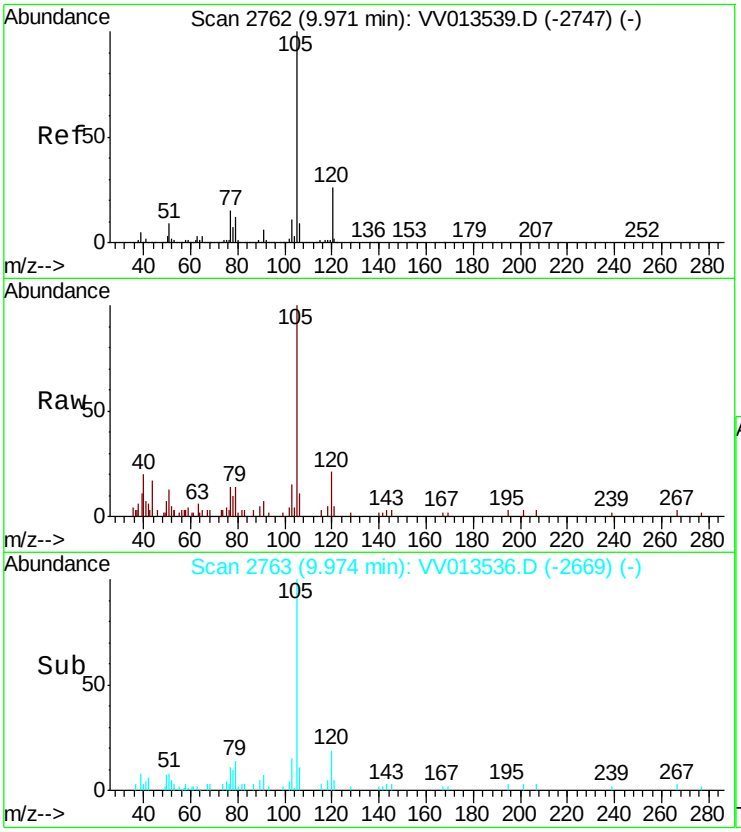


#55
Styrene
Concen: 0.069 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.01 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Tgt Ion:104 Resp: 6133

Ion	Ratio	Lower	Upper
104	100		
78	47.5	30.8	57.2



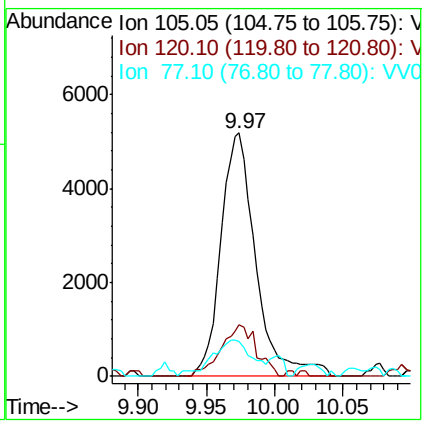


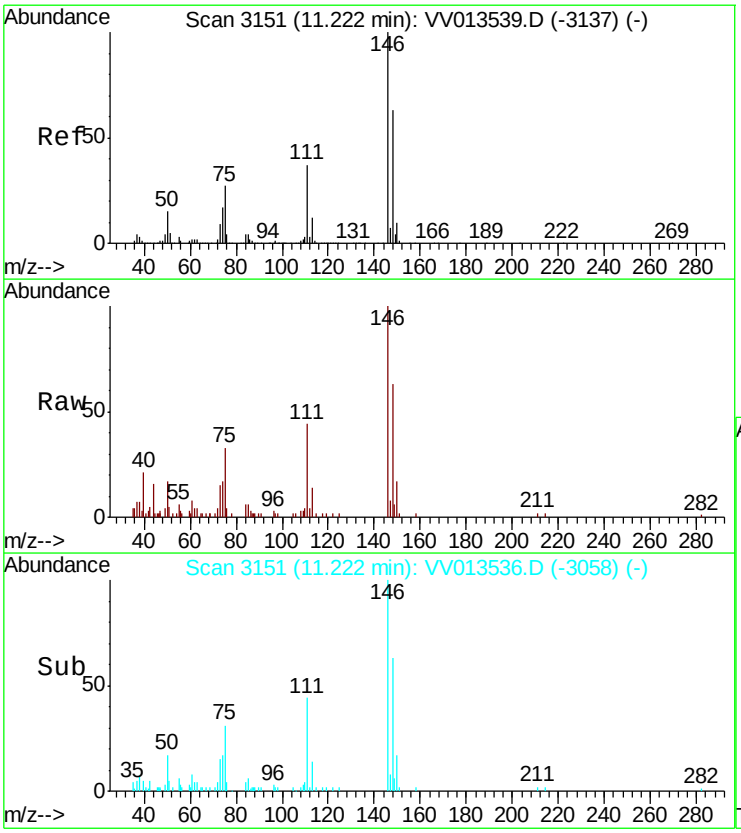
#56
Isopropylbenzene
Concen: 0.065 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Instrument : MSVOA_V
ClientSampleId : VIBLK42

Tgt Ion:105 Resp: 9225

Ion	Ratio	Lower	Upper
105	100		
120	21.3	20.9	31.3
77	14.4	12.3	18.5

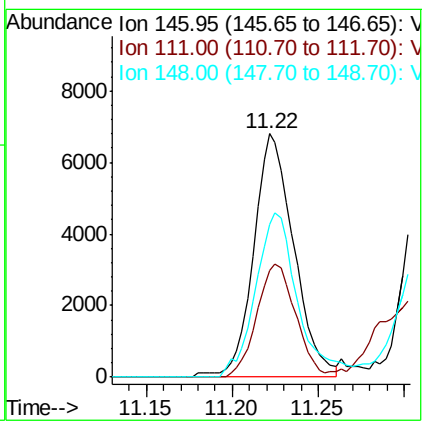


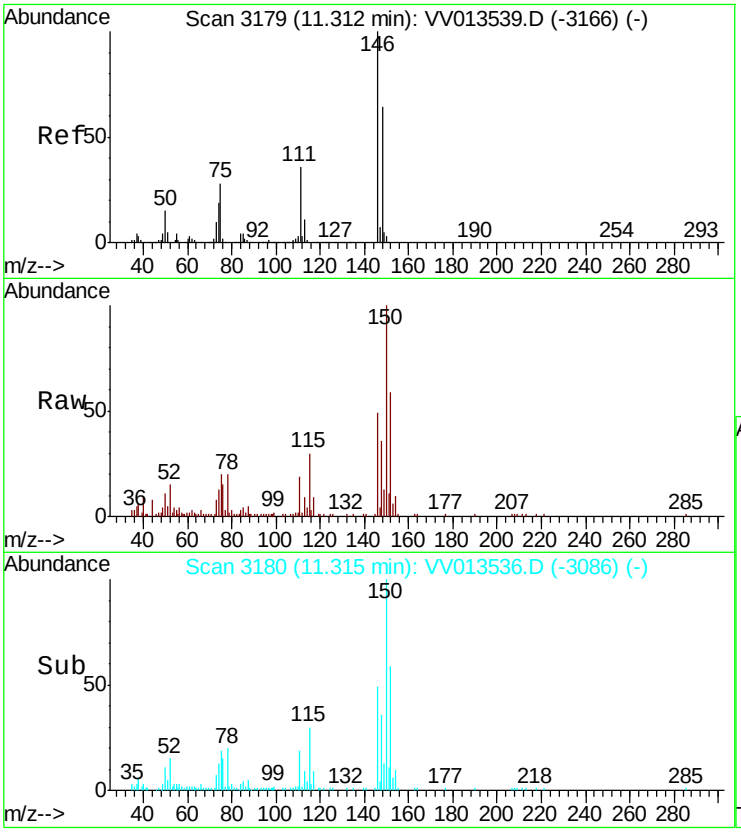


#62
1,3-Dichlorobenzene
Concen: 0.170 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. -0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Tgt Ion:146 Resp: 11007

Ion	Ratio	Lower	Upper
146	100		
111	43.8	26.2	48.6
148	62.9	44.2	82.0



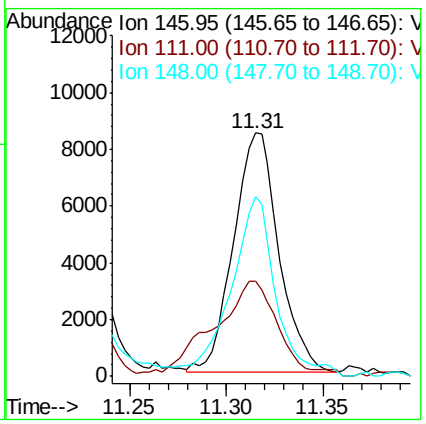


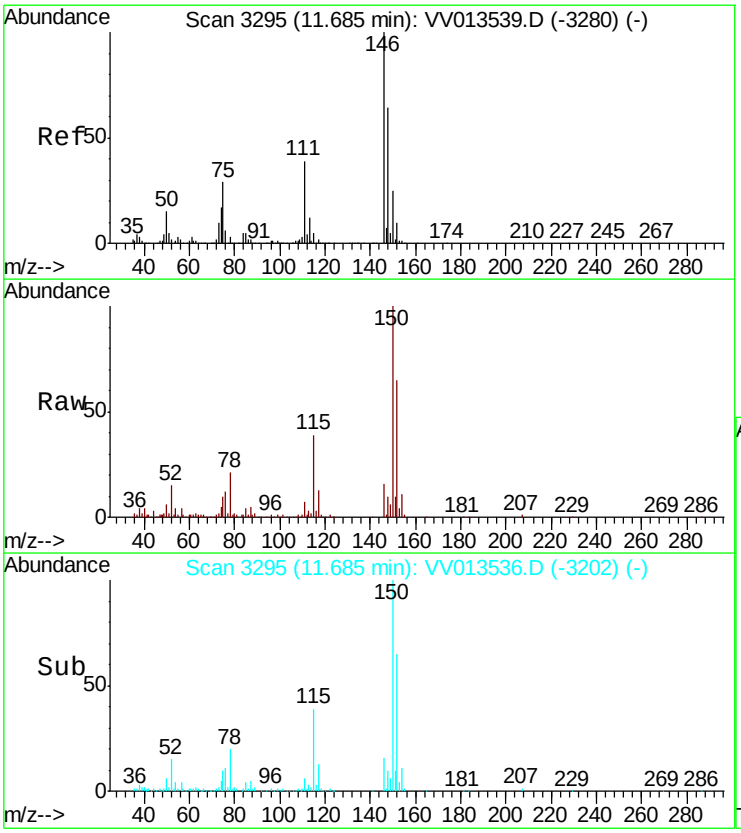
#63
1,4-Dichlorobenzene
Concen: 0.210 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Instrument : MSVOA_V
ClientSampleId : VIBLK42

Tgt Ion:146 Resp: 13642

Ion	Ratio	Lower	Upper
146	100		
111	39.3	25.2	46.8
148	73.5	44.7	82.9

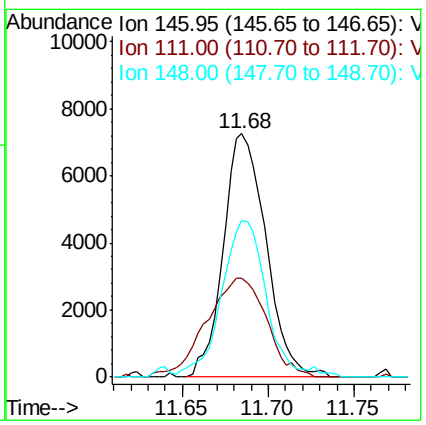


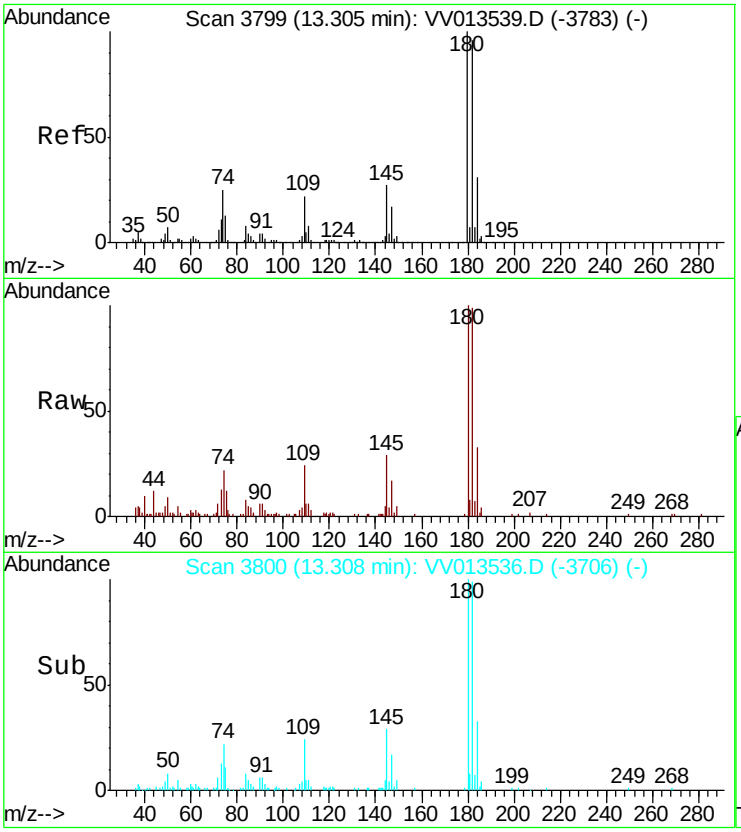


#65
1,2-Dichlorobenzene
Concen: 0.212 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Tgt Ion:146 Resp: 12607

Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.2	46.8
148	64.3	49.4	74.2



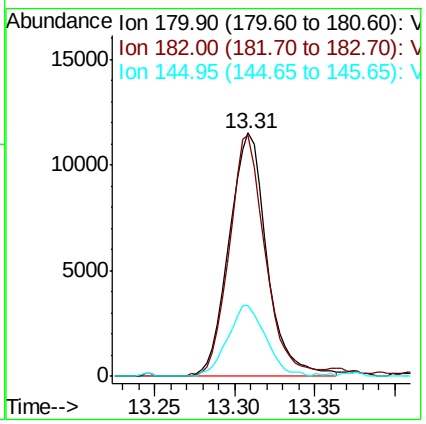


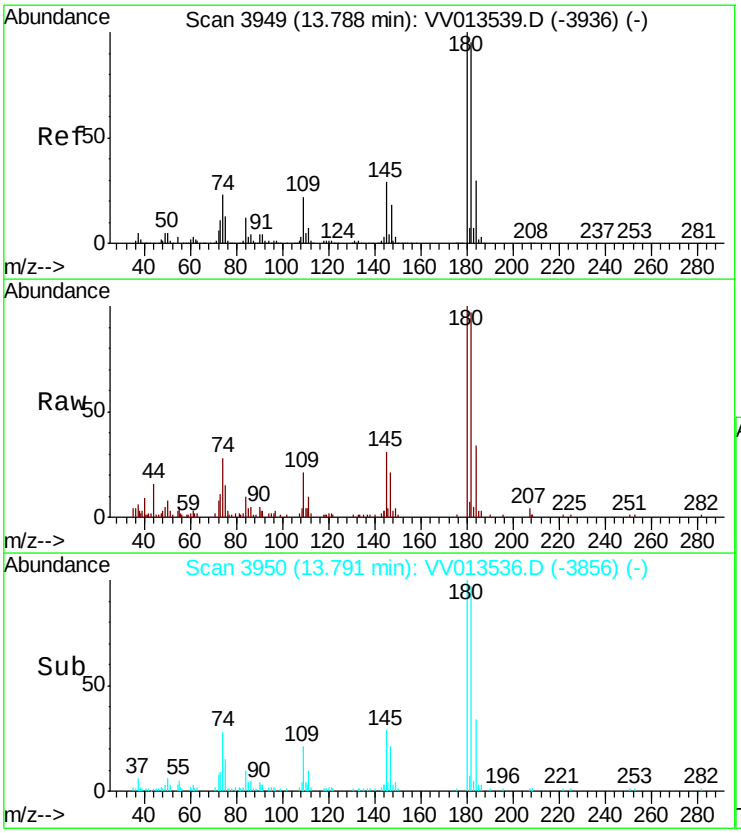
#68
1,2,4-trichlorobenzene
Concen: 0.459 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion:180 Resp: 18526

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	115.0
145	29.4	22.2	33.4





#70
1,2,3-Trichlorobenzene
Concen: 0.482 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013536.D
Acq: 08 Nov 2019 11:57

Tgt Ion:180 Resp: 18256

Ion	Ratio	Lower	Upper
180	100		
182	102.5	76.2	114.4
145	32.2	23.2	34.8