Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111419\
Data File : VV013625.D
Acq On : 14 Nov 2019 17:16
Operator : SY/MD
Sample : K5856-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 15 02:44:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	334953	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348618	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	151933	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	108740	5.06	ug/L	-0.03
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.58	69	95758	5.58	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.60%			
11) 1,1-Dichloroethene-d2	2.13	63	141061	3.83	ug/L	-0.03
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.60%			
20) 2-Butanone-d5	3.96	46	253088	65.69	ug/L	-0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.38%#			
24) Chloroform-d	4.40	84	222226	6.02	ug/L	-0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 120.40%			
26) 1,2-Dichloroethane-d4	5.08	65	109841	6.10	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.00%			
32) Benzene-d6	5.10	84	430045	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.11	67	134437	4.66	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.36	98	358400	4.21	ug/L	-0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.66	79	48921	4.56	ug/L	-0.03
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.14	63	191055	44.67	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92977	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	149008	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
3) Chloromethane	1.30	50	4728	0.168	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2251	0.107	ug/L #	46
12) 1,1-Dichloroethene	2.13	96	2482	0.127	ug/L #	1
14) Carbon disulfide	2.32	76	4578	0.081	ug/L #	94
25) Chloroform	4.42	83	9033	0.194	ug/L	96
27) 1,2-Dichloroethane	5.19	62	1139	0.044	ug/L #	66
35) Methylcyclohexane	6.11	83	34315	0.826	ug/L #	17
38) Bromodichloromethane	6.55	83	4466	0.124	ug/L #	83
42) Toluene	7.43	91	24300	0.220	ug/L	94
48) 2-Hexanone	8.19	43	29172	2.819	ug/L #	81
51) Chlorobenzene	8.92	112	13405	0.185	ug/L	96
55) Styrene	9.60	104	4181	0.058	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	4170	0.085	ug/L	92
63) 1,4-Dichlorobenzene	11.31	146	24570	0.489	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	4296	0.095	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	4998	0.126	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	5625	0.183	ug/L	92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111419\
Data File : VV013625.D
Acq On : 14 Nov 2019 17:16
Operator : SY/MD
Sample : K5856-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 15 02:44:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) Naphthalene	13.55	128	10936	0.282	ug/L	#	94
70) 1,2,3-Trichlorobenzene	13.79	180	5149	0.180	ug/L	#	95

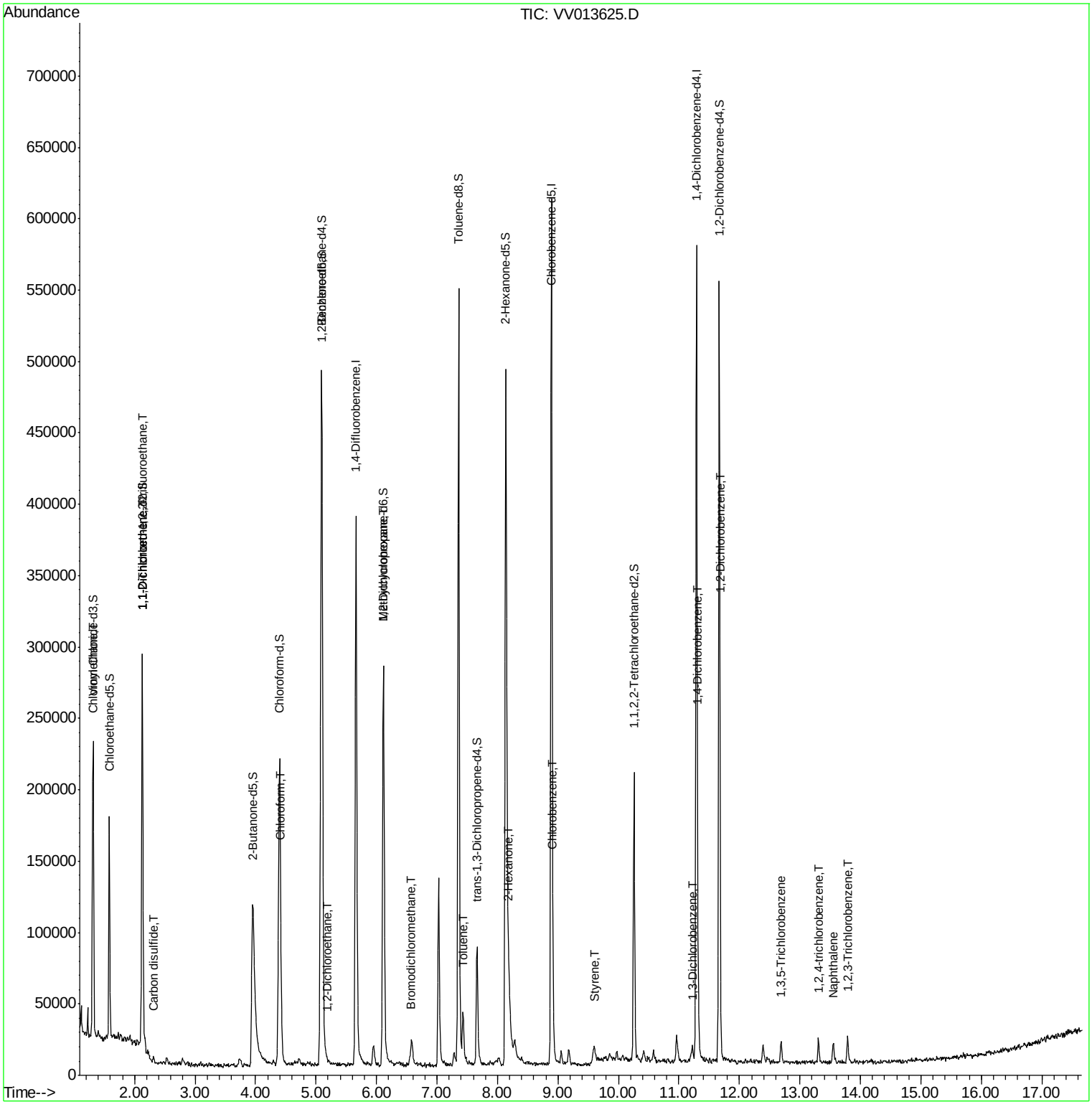
(#) = qualifier out of range (m) = manual integration (+) = signals summed

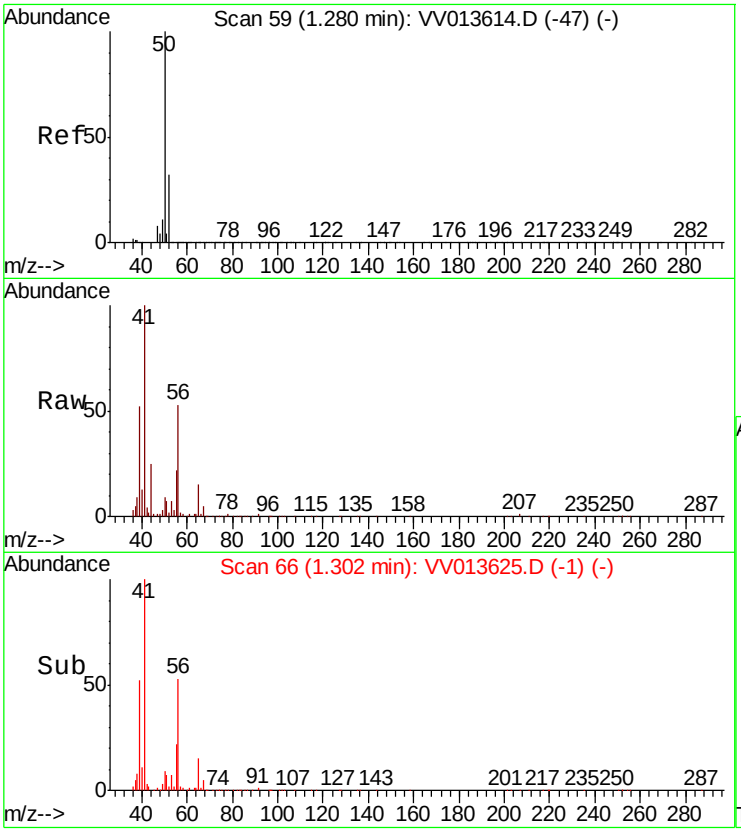
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111419\
Data File : VV013625.D
Acq On : 14 Nov 2019 17:16
Operator : SY/MD
Sample : K5856-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 15 02:44:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration



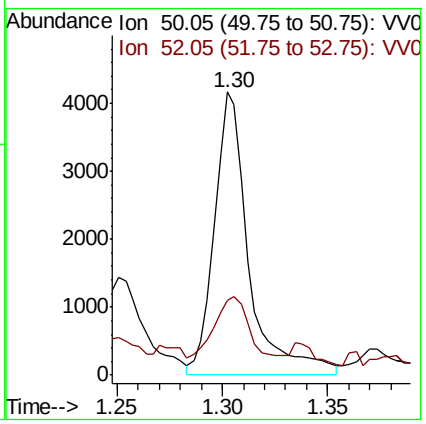


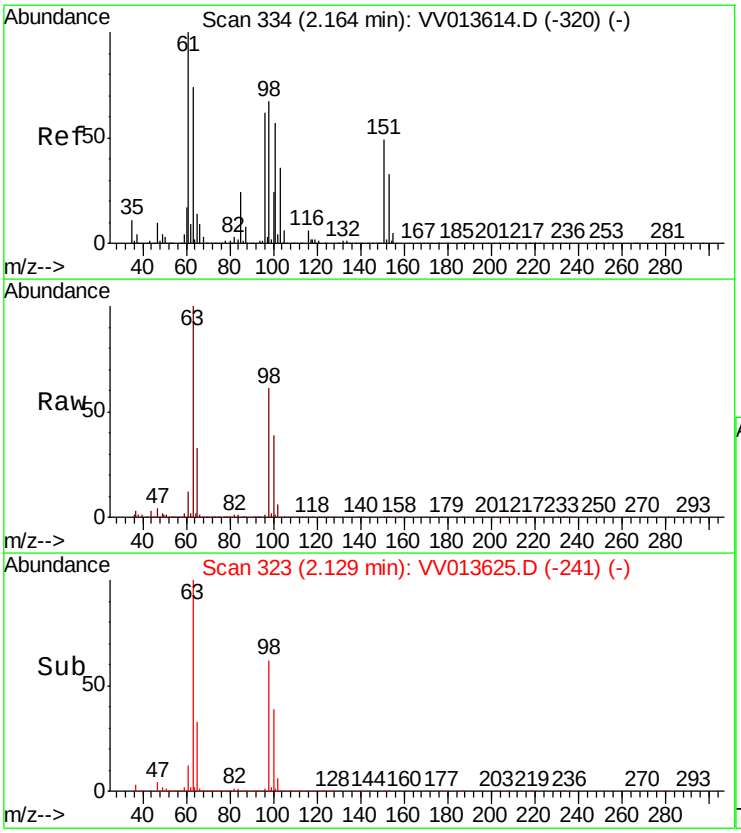
#3
Chloromethane
Concen: 0.168 ug/L
RT: 1.30 min Scan# 66
Delta R.T. 0.02 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 4728

Ion	Ratio	Lower	Upper
50	100		
52	26.2	22.7	42.1

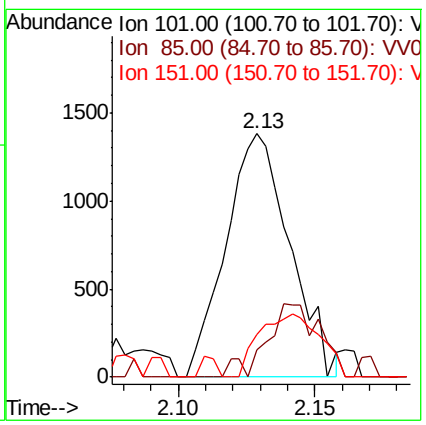


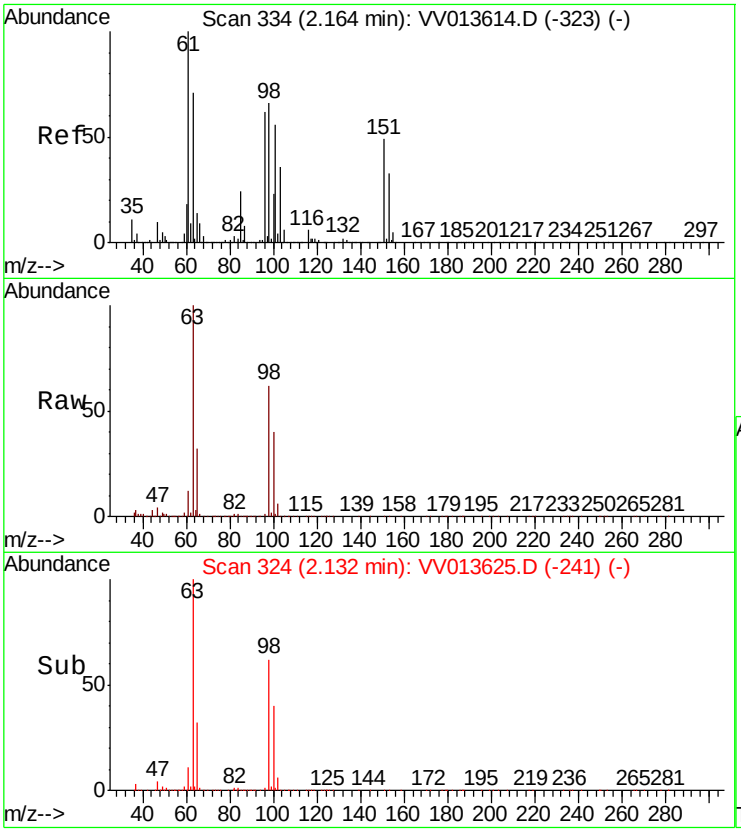


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.107 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.04 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion:101 Resp: 2251

Ion	Ratio	Lower	Upper
101	100		
85	25.2	33.1	49.7#
151	24.7	69.5	104.3#



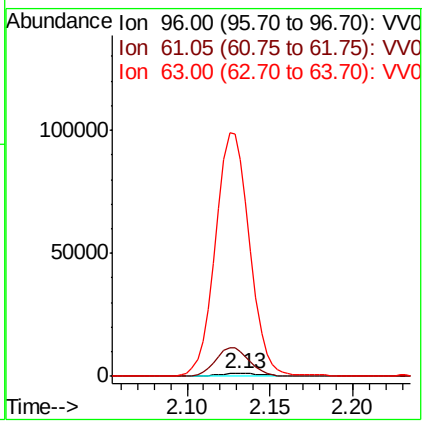


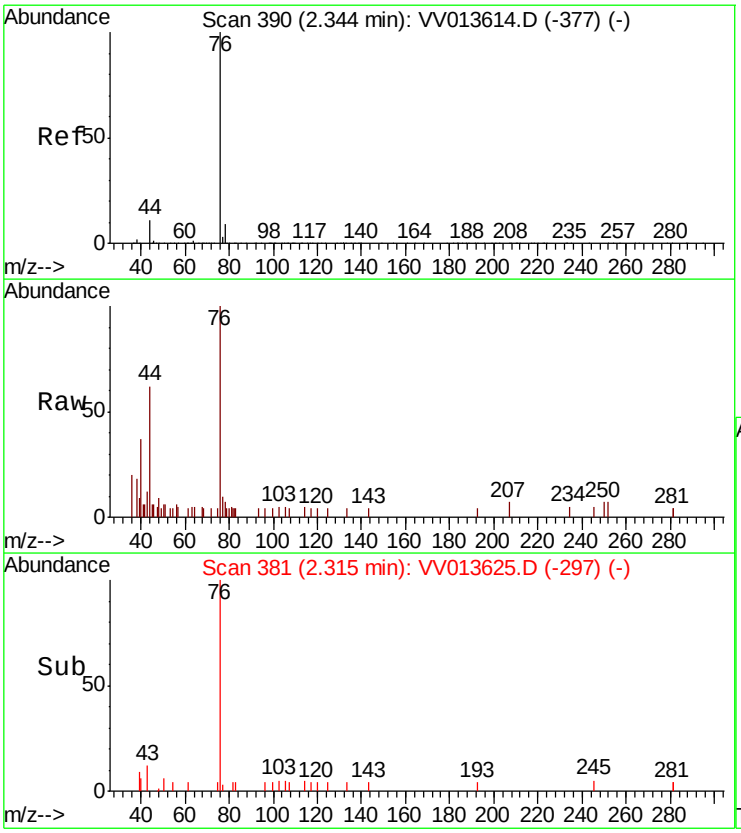
#12
1,1-Dichloroethene
Concen: 0.127 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.03 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2482

Ion	Ratio	Lower	Upper
96	100		
61	874.9	115.6	214.6#
63	7532.7	87.2	162.0#

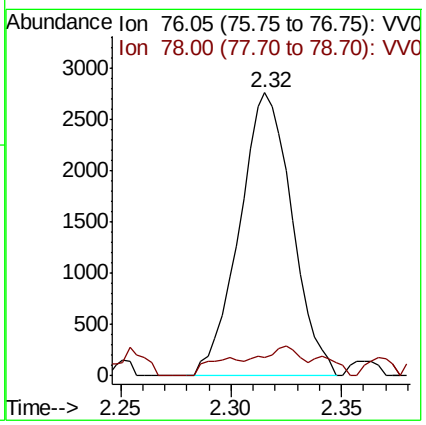


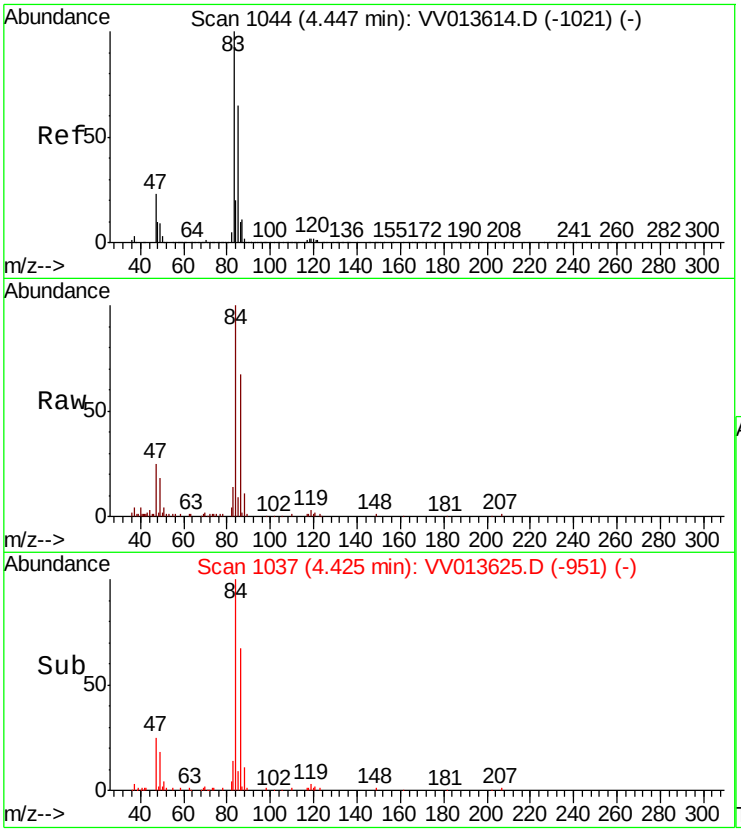


#14
Carbon disulfide
Concen: 0.081 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.03 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion: 76 Resp: 4578

Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.0	10.6#



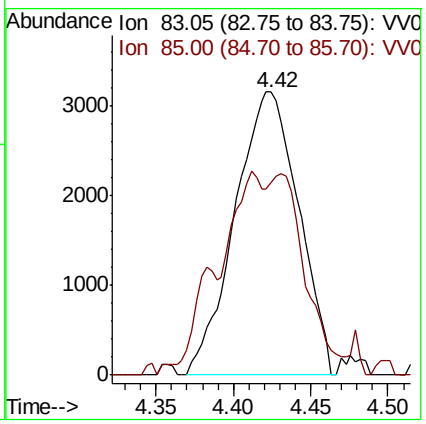


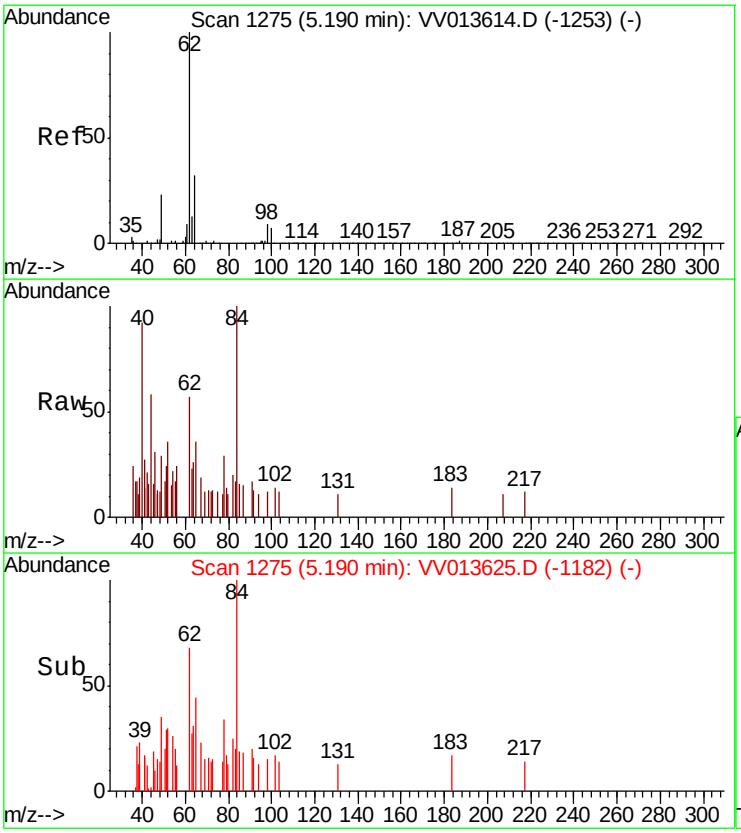
#25
Chloroform
Concen: 0.194 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.02 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 9033

Ion	Ratio	Lower	Upper
83	100		
85	68.2	45.5	84.5

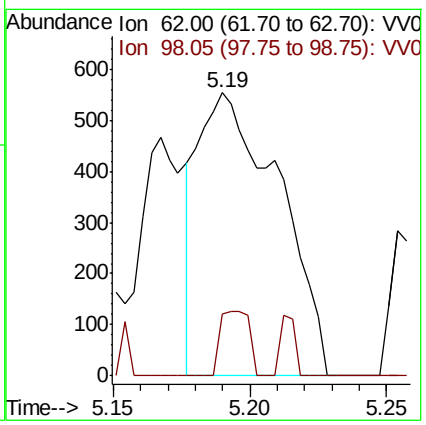


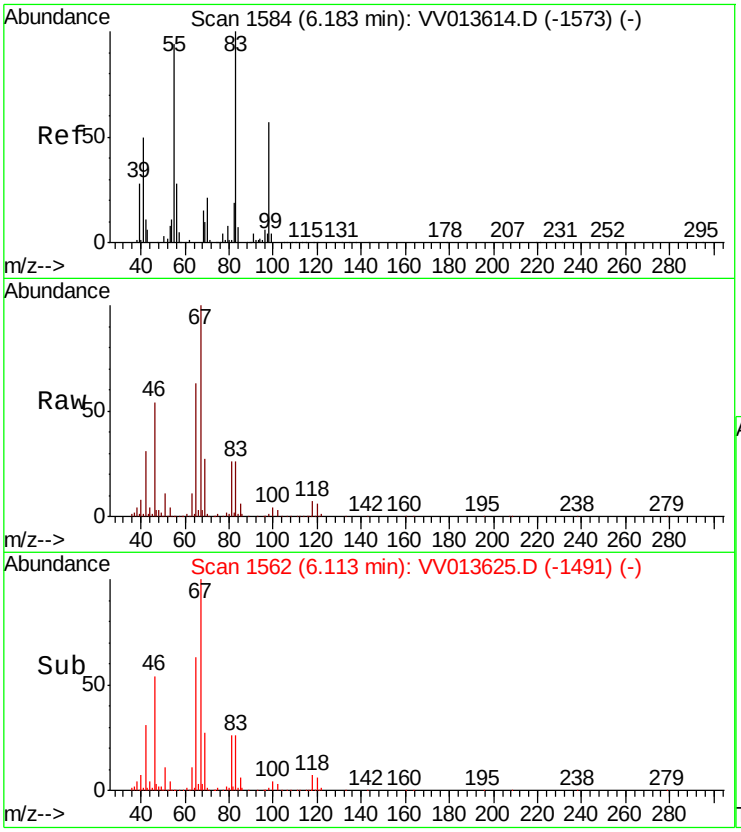


#27
1,2-Dichloroethane
Concen: 0.044 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion: 62 Resp: 1139

Ion	Ratio	Lower	Upper
62	100		
98	21.8	7.4	11.2#



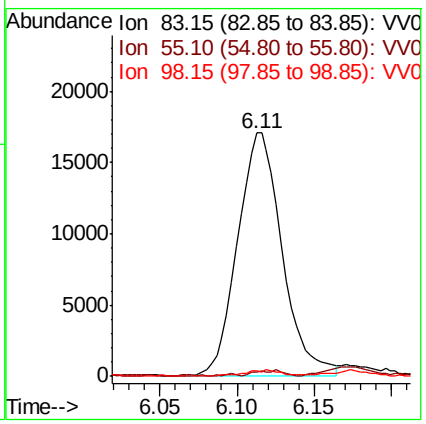


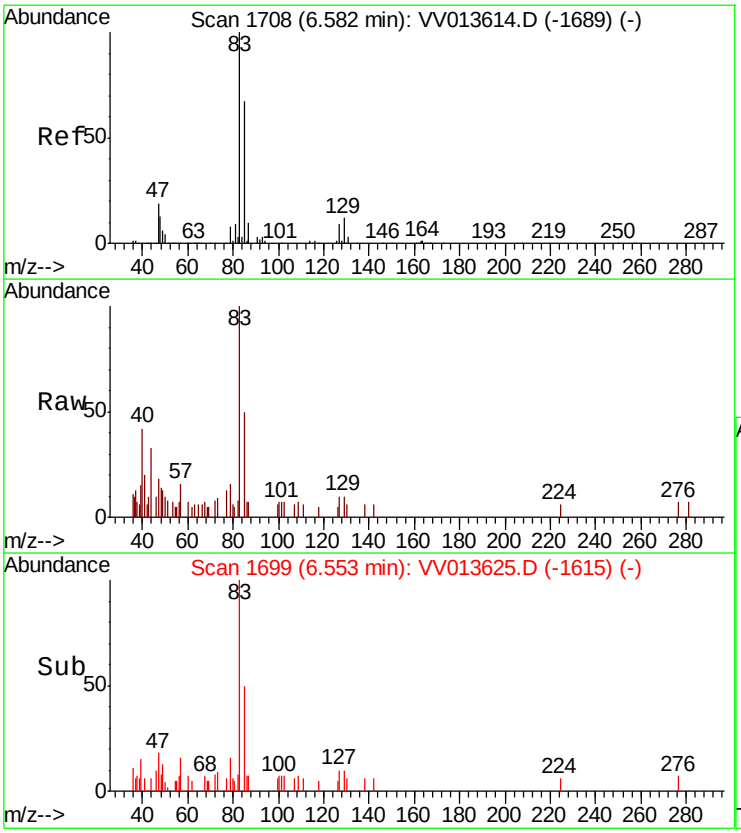
#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.07 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 34315

Ion	Ratio	Lower	Upper
83	100		
55	0.8	67.0	100.4#
98	2.3	38.5	57.7#

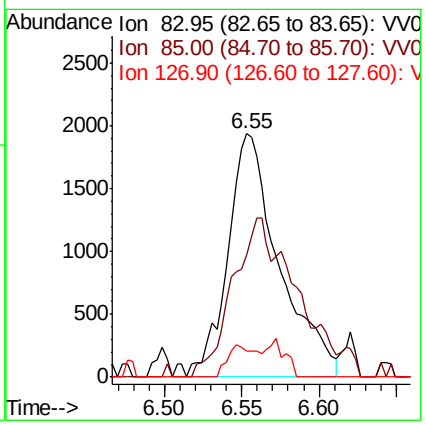


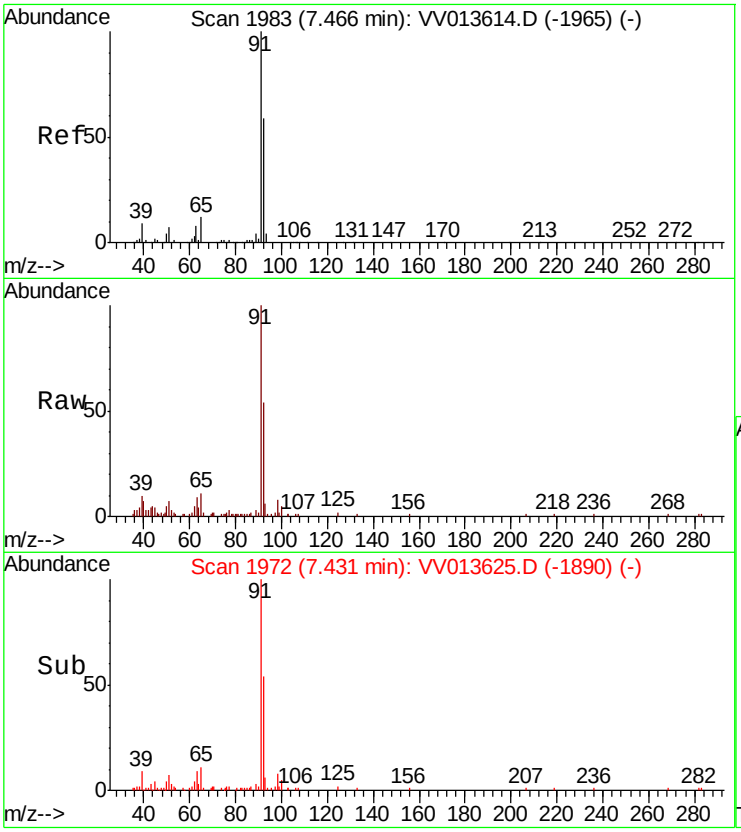


#38
Bromodichloromethane
Concen: 0.124 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.03 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion: 83 Resp: 4466

Ion	Ratio	Lower	Upper
83	100		
85	50.0	45.5	84.5
127	10.5	6.8	10.2#



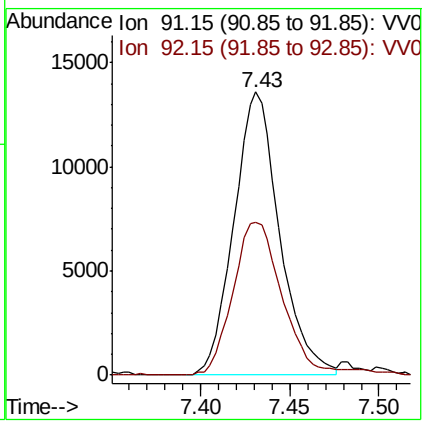


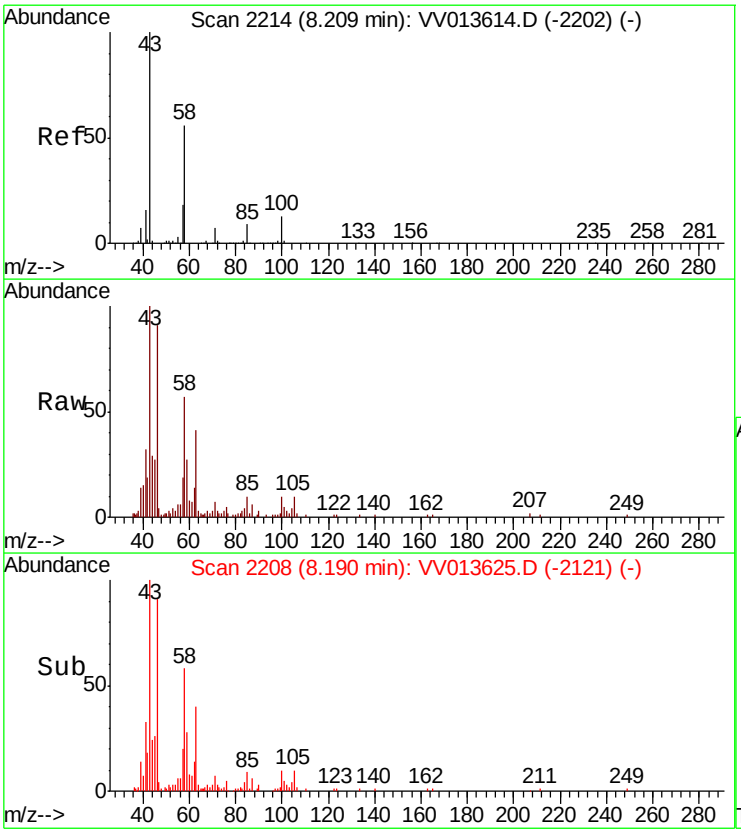
#42
Toluene
Concen: 0.220 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.04 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 24300

Ion	Ratio	Lower	Upper
91	100		
92	53.9	40.7	75.7

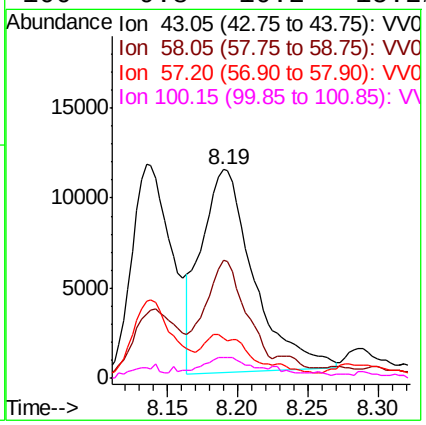


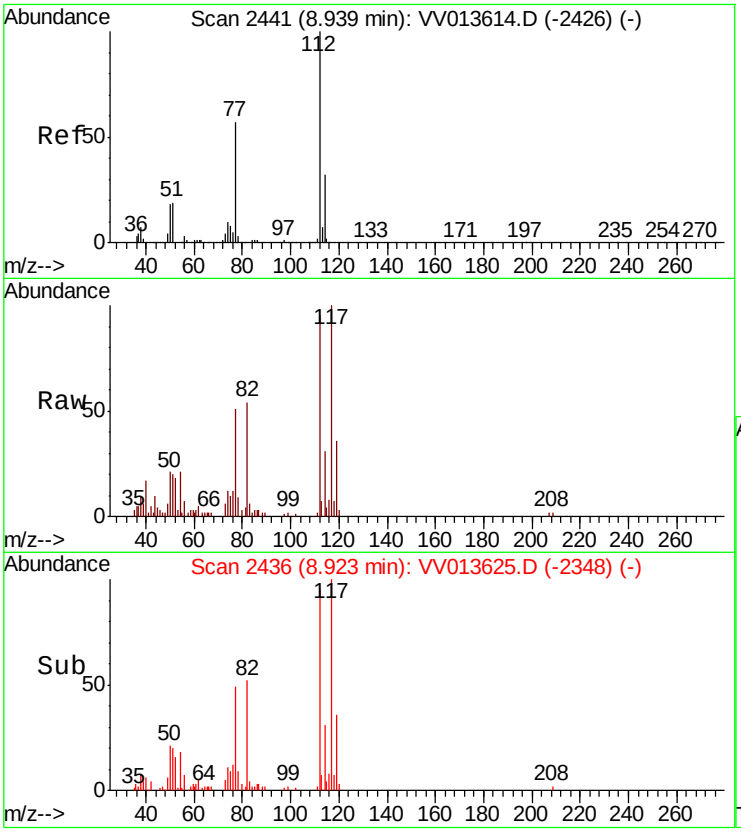


#48
2-Hexanone
Concen: 2.819 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.02 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion: 43 Resp: 29172

Ion	Ratio	Lower	Upper
43	100		
58	38.1	45.1	67.7#
57	21.8	14.6	21.8
100	9.8	10.2	15.2#



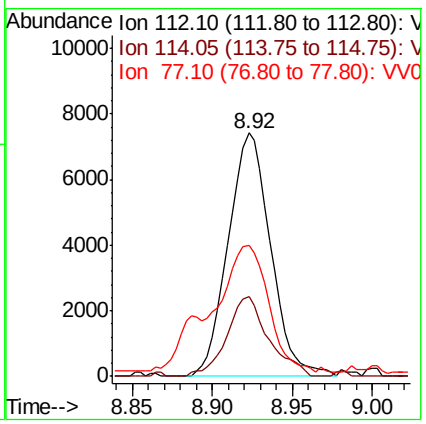


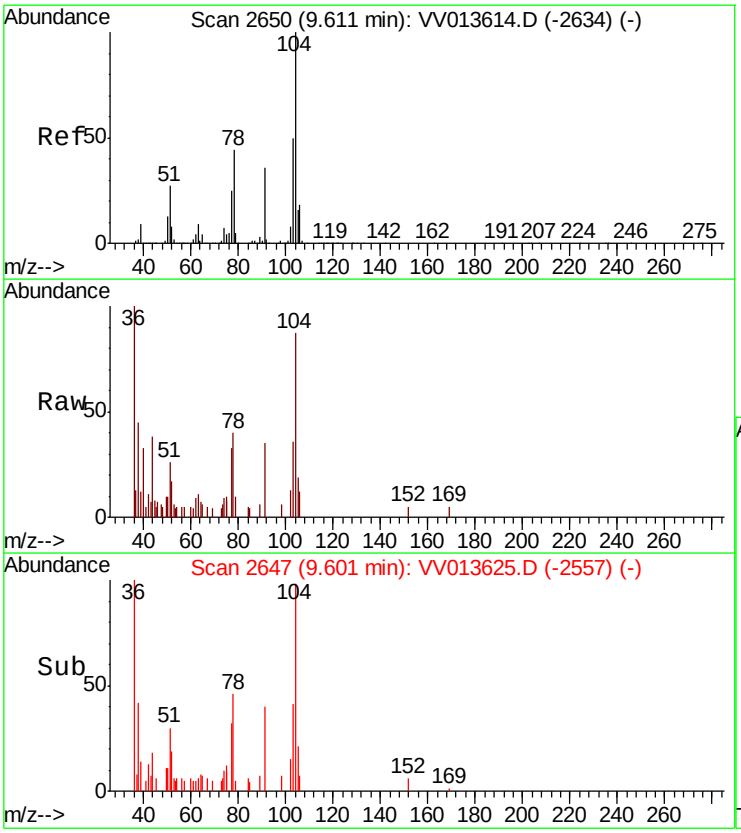
#51
Chlorobenzene
Concen: 0.185 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.02 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 13405

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.5
77	53.8	46.0	69.0

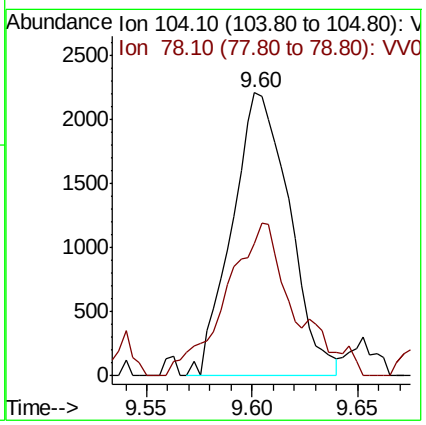


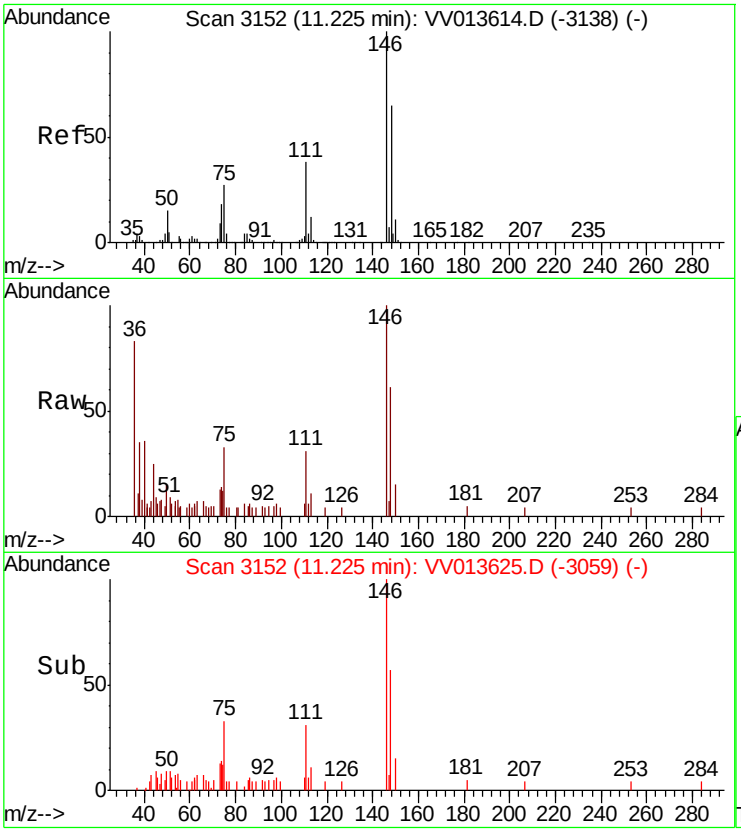


#55
Styrene
Concen: 0.058 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.01 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion:104 Resp: 4181

Ion	Ratio	Lower	Upper
104	100		
78	46.7	30.3	56.3



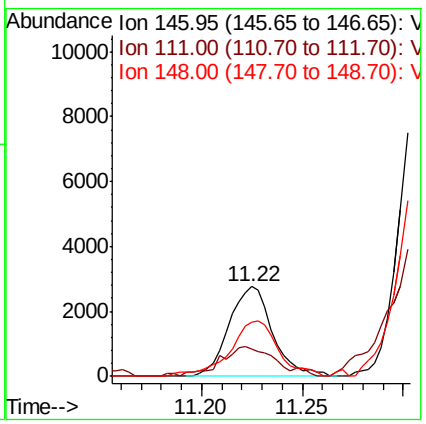


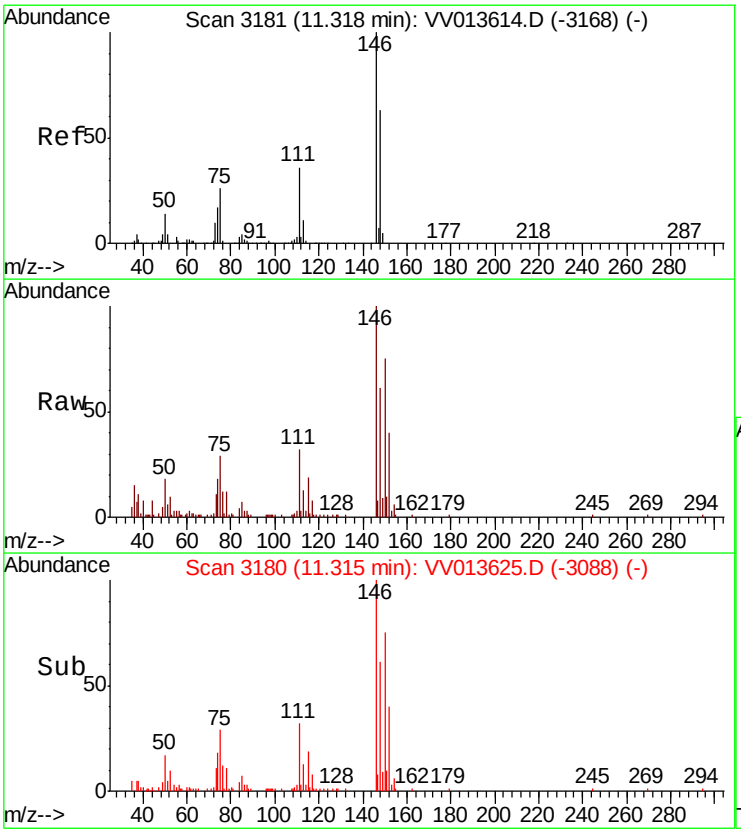
#62
1,3-Dichlorobenzene
Concen: 0.085 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 4170

Ion	Ratio	Lower	Upper
146	100		
111	30.8	27.6	51.4
148	61.0	45.1	83.9

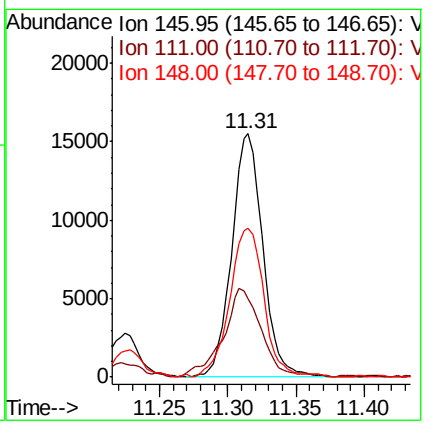


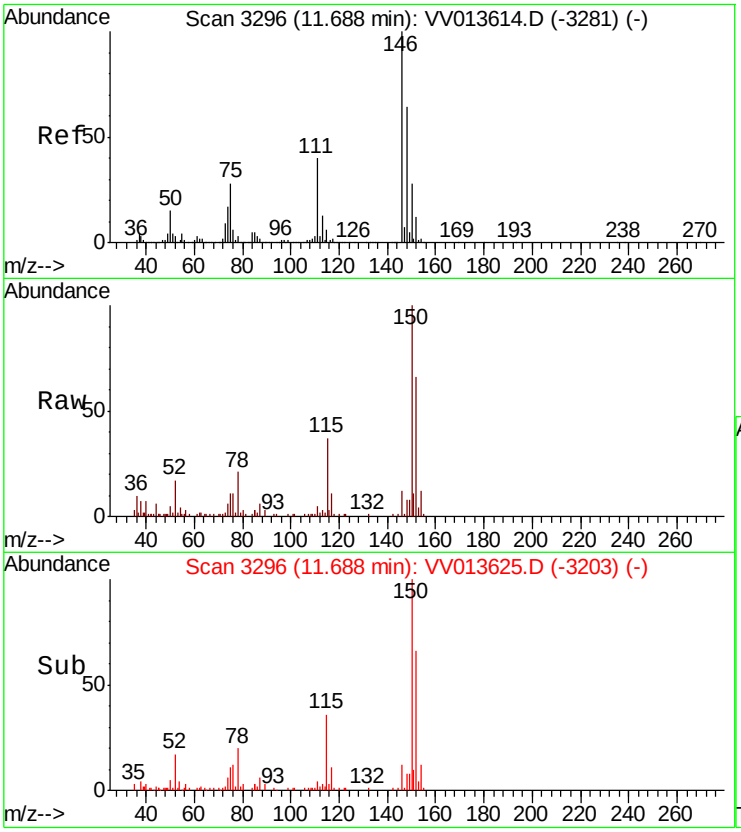


#63
1,4-Dichlorobenzene
Concen: 0.489 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion:146 Resp: 24570

Ion	Ratio	Lower	Upper
146	100		
111	32.2	24.7	45.9
148	61.2	43.8	81.3



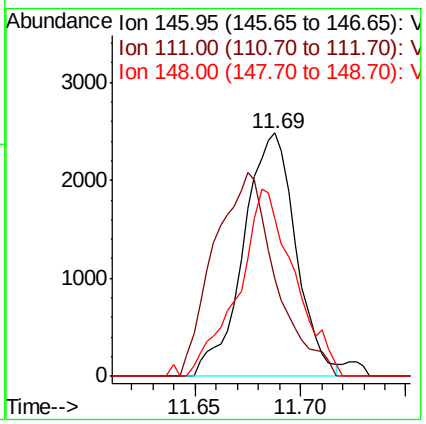


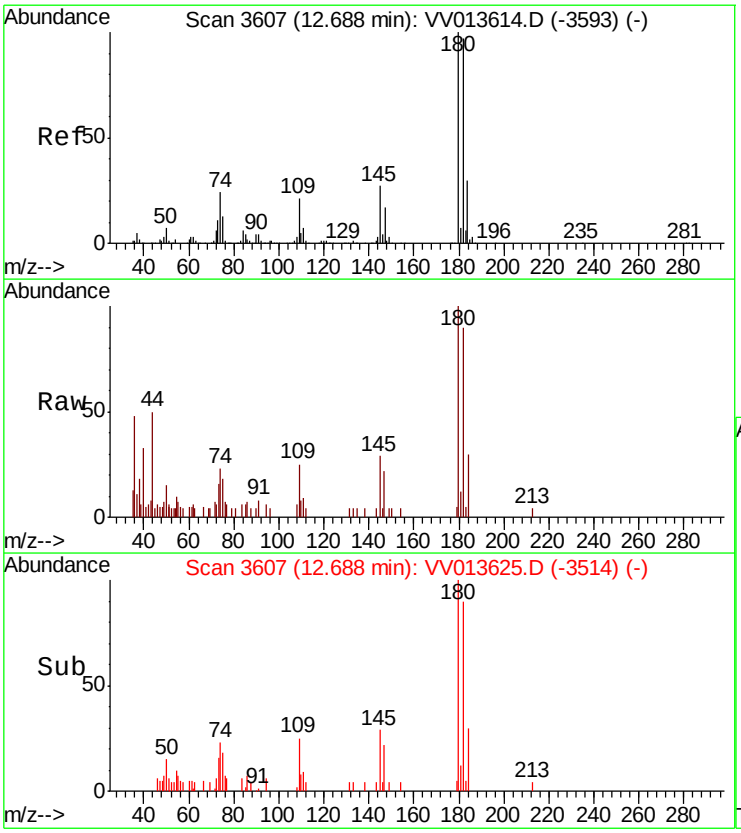
#65
1,2-Dichlorobenzene
Concen: 0.095 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. -0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 4296

Ion	Ratio	Lower	Upper
146	100		
111	40.3	31.4	47.0
148	64.8	51.0	76.6

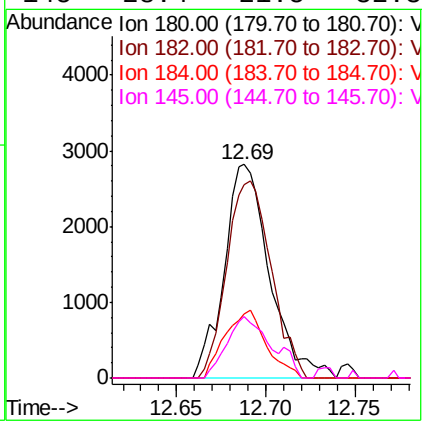


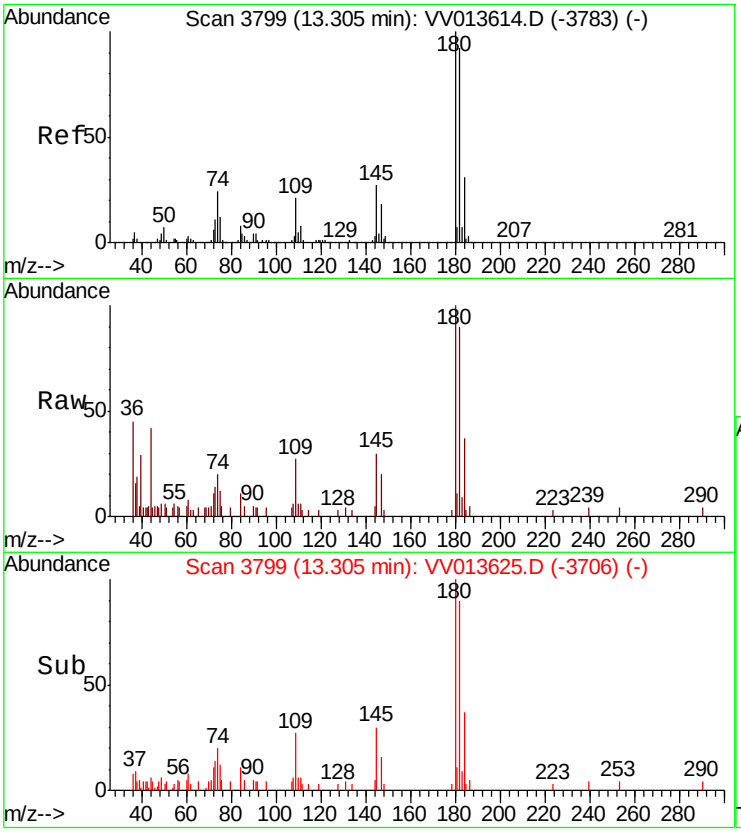


#67
1,3,5-Trichlorobenzene
Concen: 0.126 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion:180 Resp: 4998

Ion	Ratio	Lower	Upper
180	100		
182	90.2	76.7	115.1
184	28.8	24.8	37.2
145	28.4	21.5	32.3



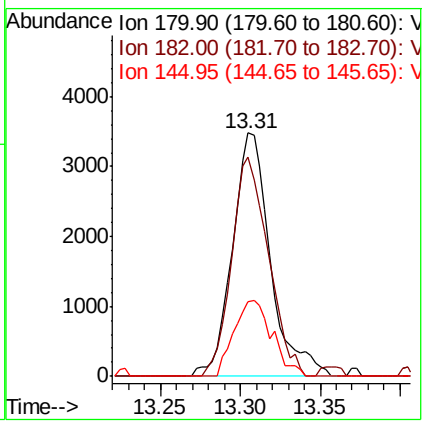


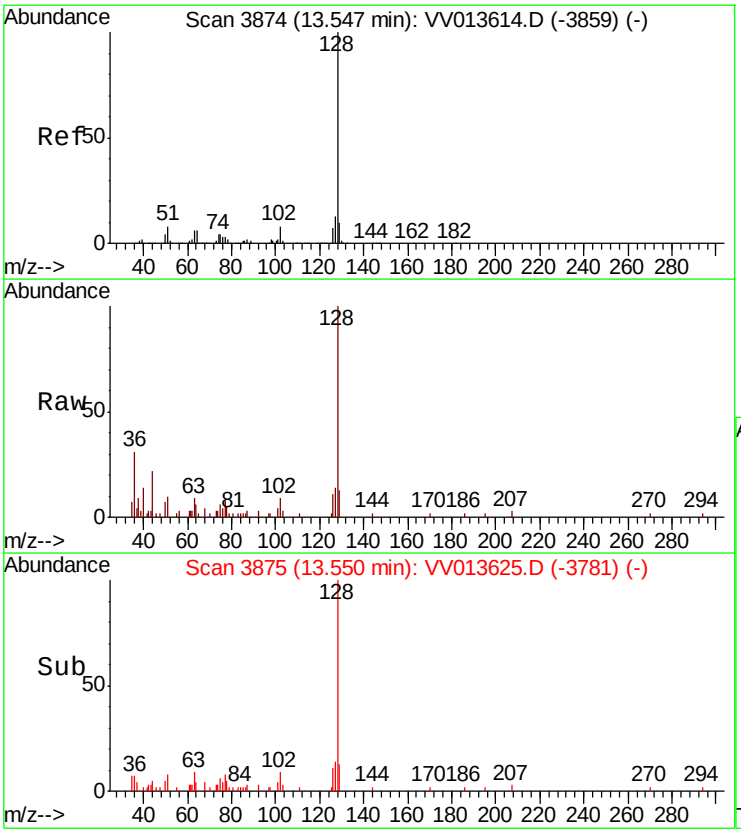
#68
1,2,4-trichlorobenzene
Concen: 0.183 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. -0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 5625

Ion	Ratio	Lower	Upper
180	100		
182	86.9	75.7	113.5
145	31.3	21.9	32.9

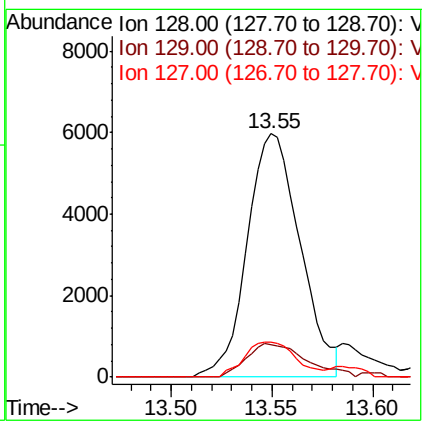


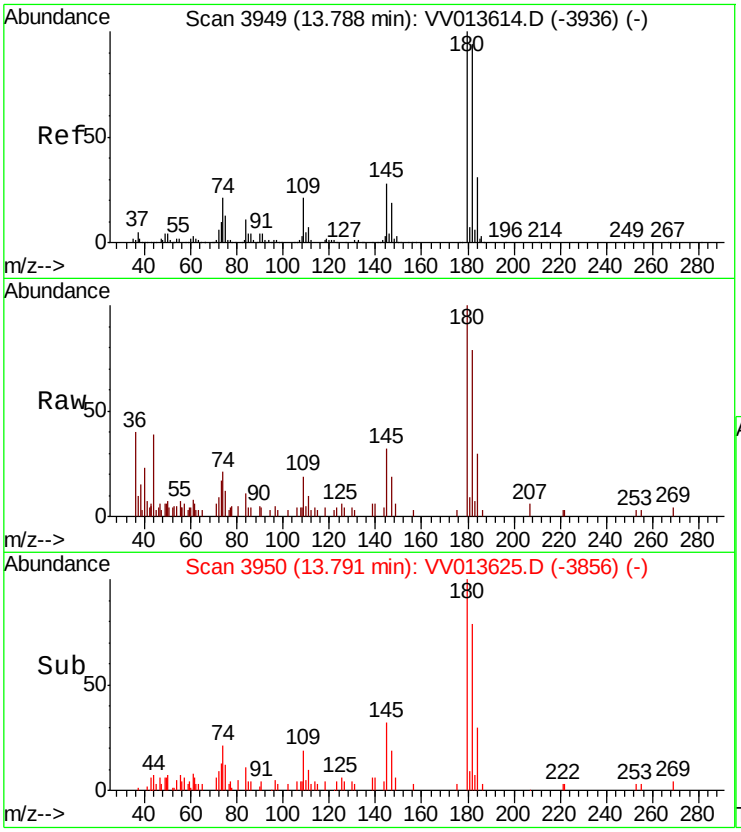


#69
Naphthalene
Concen: 0.282 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Tgt Ion:128 Resp: 10936

Ion	Ratio	Lower	Upper
128	100		
129	15.5	8.2	12.4#
127	14.2	11.2	16.8





#70
1,2,3-Trichlorobenzene
Concen: 0.180 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013625.D
Acq: 14 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 5149

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.4	113.2
145	34.4	22.6	33.8#