Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\

Quantitation Report (Not Reviewed)

Data File : VV009098.D
Acq On : 20 Dec 2018 22:36
Operator : SY/MD
Sample : J6468-04
Misc : 5.75 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Quant Time: Dec 21 01:33:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178463	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94807	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	13476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47798	25.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.52%			
7) Chloroethane-d5	1.58	69	51328	37.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 150.48%#			
10) 1,1-Dichloroethene-d2	2.13	63	87141	18.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.48%			
20) 2-Butanone-d5	3.94	46	35037	52.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.22%			
24) Chloroform-d	4.40	84	132888	30.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 123.88%			
26) 1,2-Dichloroethane-d4	5.08	65	72625	31.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 124.08%			
29) Benzene-d6	5.10	84	237719	44.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 179.56%#			
33) 1,2-Dichloropropane-d6	6.12	67	77955	52.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 210.36%#			
37) Toluene-d8	7.36	98	162969	33.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 133.04%#			
38) trans-1,3-Dichloropropene-	7.67	79	17613	27.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.16%			
39) 2-Hexanone-d5	8.14	63	15812	58.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.44%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45883	36.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 147.60%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	17765	35.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 140.52%#			
Target Compounds						Qvalue
13) Acetone	2.20	43	6378	6.438	ug/L	95
14) Carbon disulfide	2.32	76	2112	0.286	ug/L #	91
16) Methylene chloride	2.54	84	5051	1.681	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	4873	1.880	ug/L	79
25) Chloroform	4.43	83	4055	0.938	ug/L #	17
30) Cyclohexane	4.72	56	3427	1.436	ug/L #	89
34) Benzene	5.15	78	11836	2.084	ug/L	100
35) Trichloroethene	5.96	95	2574	1.503	ug/L	97
36) Methylcyclohexane	6.18	83	4675	1.712	ug/L	95
40) 1,2-Dichloropropane	6.12	63	8910	6.536	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1626	0.815	ug/L #	58
43) 4-Methyl-2-pentanone	7.29	43	1188	1.289	ug/L #	78
44) Toluene	7.43	91	4390	0.737	ug/L	93
45) trans-1,3-Dichloropropene	7.66	75	805	0.463	ug/L	95
49) 2-Hexanone	8.19	43	3867	5.073	ug/L #	86
55) o-xylene	9.59	106	791	0.348	ug/L #	55
59) 1,2,3-Trichloropropane	11.30	75	1638	1.542	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\

Quantitation Report (Not Reviewed)

Data File : VV009098.D
Acq On : 20 Dec 2018 22:36
Operator : SY/MD
Sample : J6468-04
Misc : 5.75 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Quant Time: Dec 21 01:33:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) 1,3-Dichlorobenzene	11.23	146	579	0.667	ug/L	#	82
64) 1,4-Dichlorobenzene	11.32	146	454	0.508	ug/L		94
65) 1,2-Dichlorobenzene	11.69	146	678	0.847	ug/L	#	80
67) 1,3,5-Trichlorobenzene	12.70	180	400	0.638	ug/L	#	63
68) 1,2,4-trichlorobenzene	13.31	180	95	0.216	ug/L	#	1
69) Naphthalene	13.56	128	1113	1.470	ug/L	#	79
70) 1,2,3-Trichlorobenzene	13.80	180	269	0.663	ug/L	#	59

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

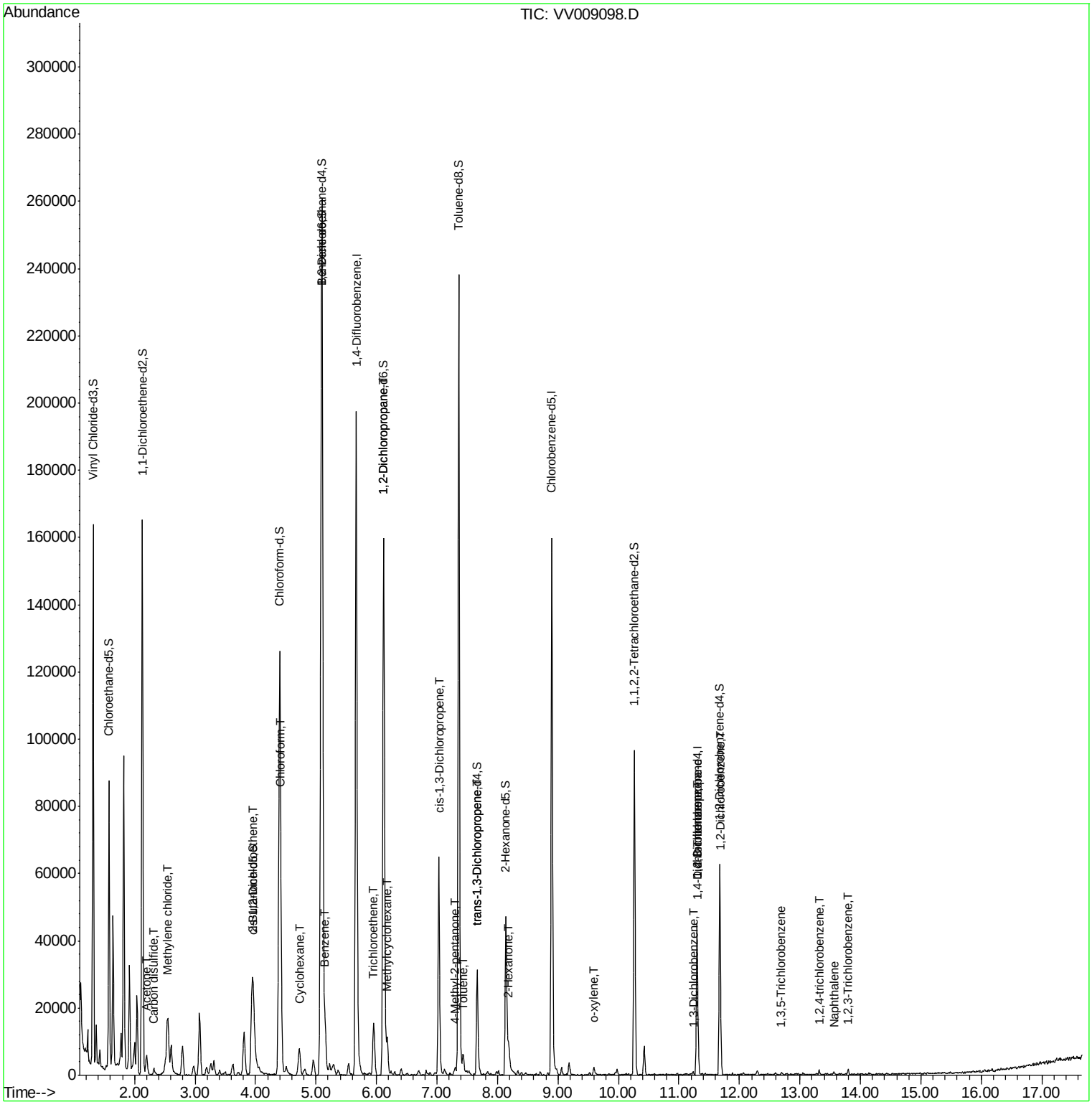
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\

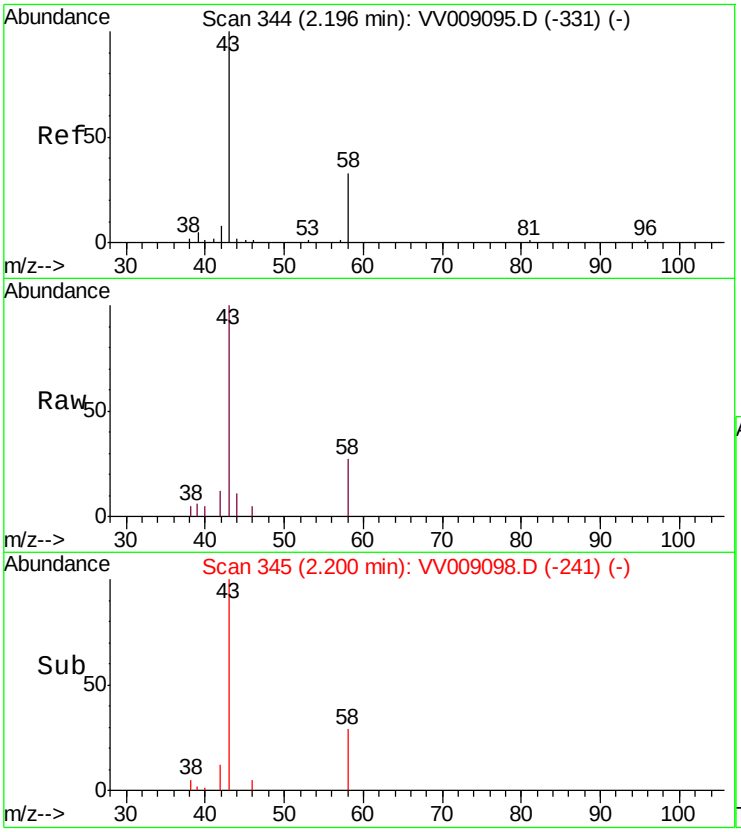
Quantitation Report (Not Reviewed)

Data File : VV009098.D
Acq On : 20 Dec 2018 22:36
Operator : SY/MD
Sample : J6468-04
Misc : 5.75 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Quant Time: Dec 21 01:33:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration



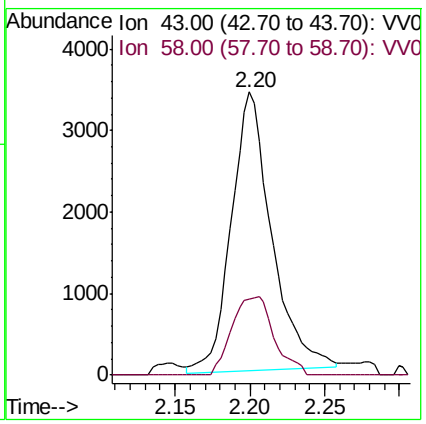


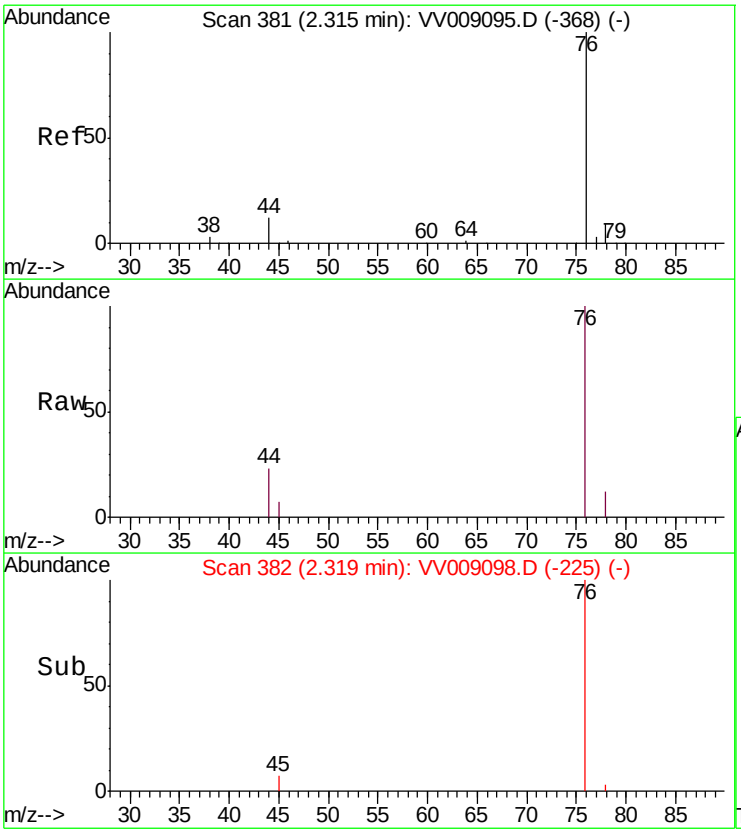
#13
Acetone
Concen: 6.438 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Tgt Ion: 43 Resp: 6378

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	65.4

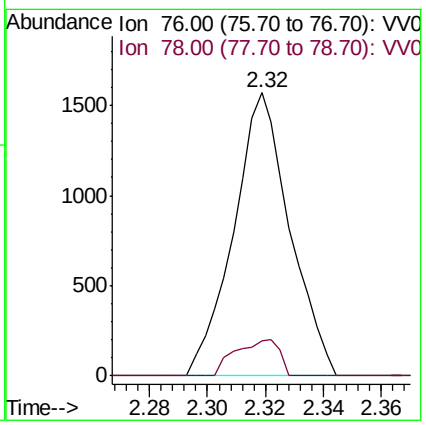


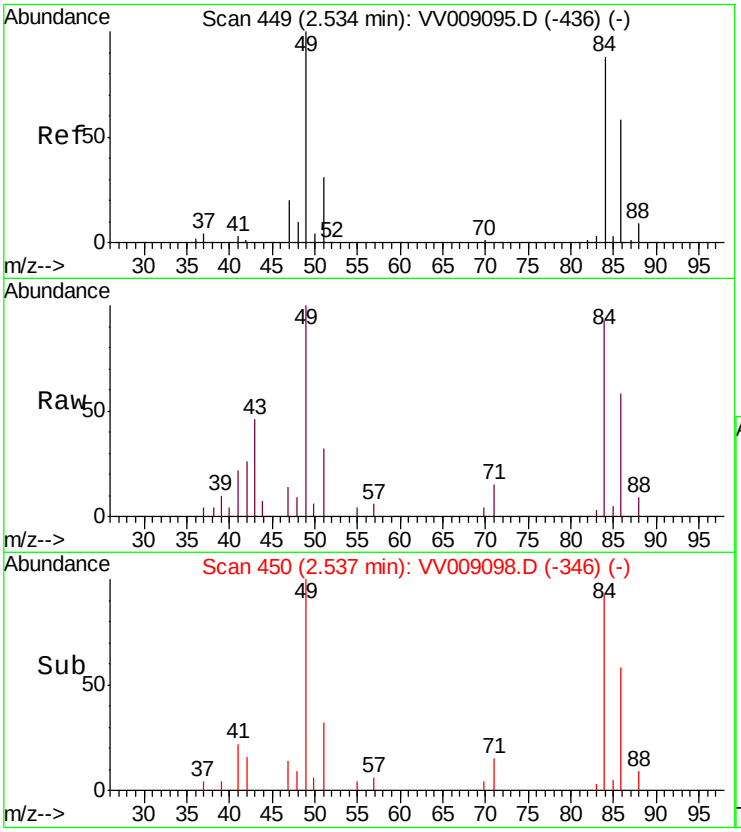


#14
Carbon disulfide
Concen: 0.286 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 76 Resp: 2112

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.4	11.0#



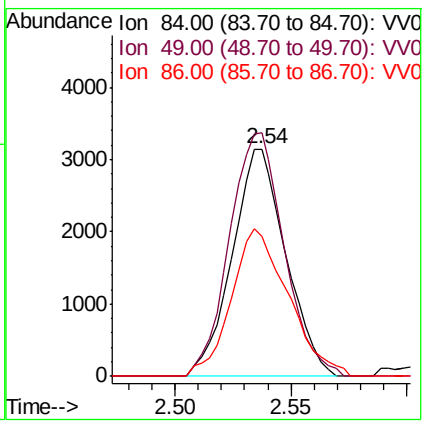


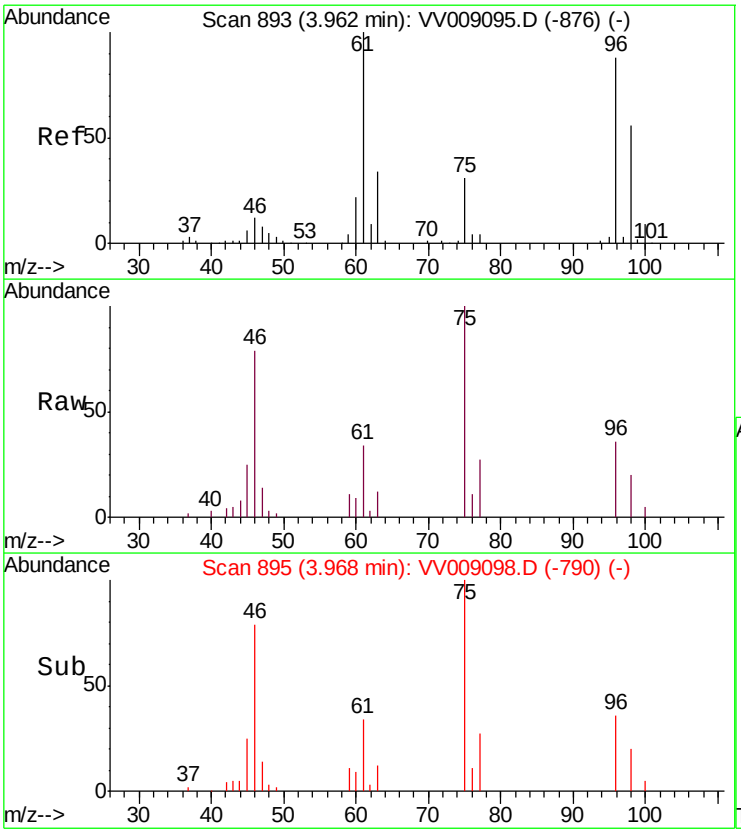
#16
Methylene chloride
Concen: 1.681 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 84 Resp: 5051

Ion	Ratio	Lower	Upper
84	100		
49	107.1	80.5	149.5
86	61.6	45.5	84.5

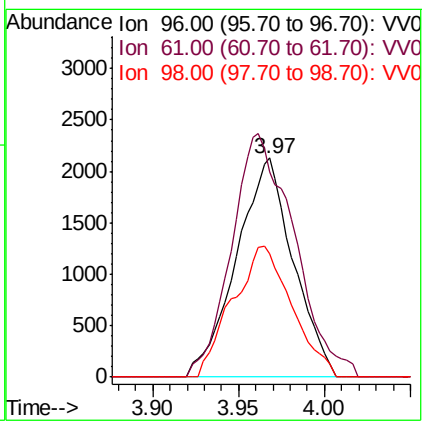


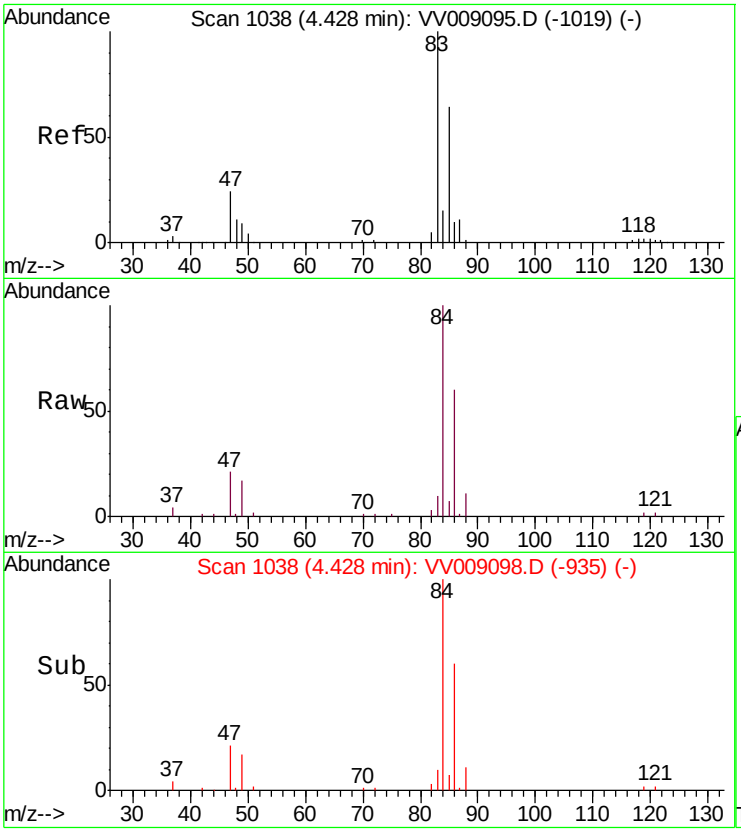


#22
cis-1,2-Dichloroethene
Concen: 1.880 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 96 Resp: 4873

Ion	Ratio	Lower	Upper
96	100		
61	93.9	86.2	160.0
98	56.3	45.6	84.6



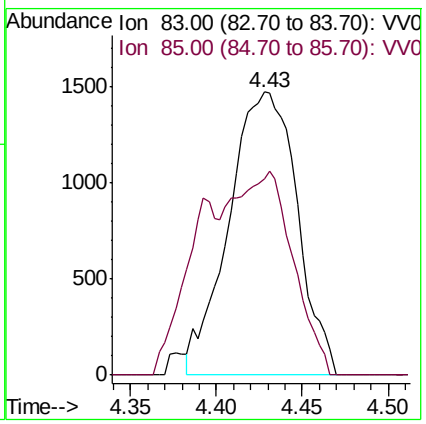


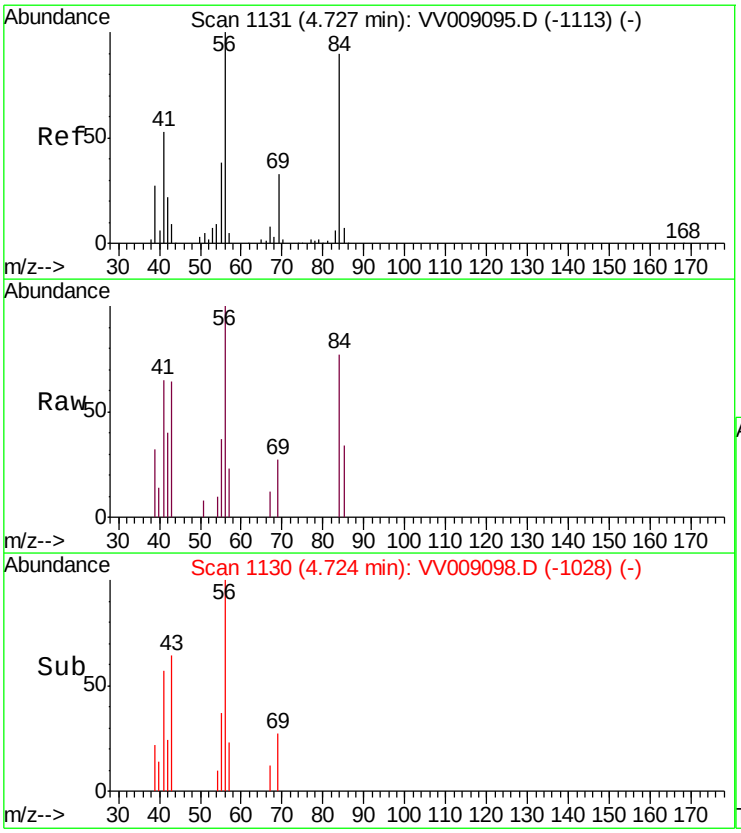
#25
Chloroform
Concen: 0.938 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 83 Resp: 4055

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.6	84.8#

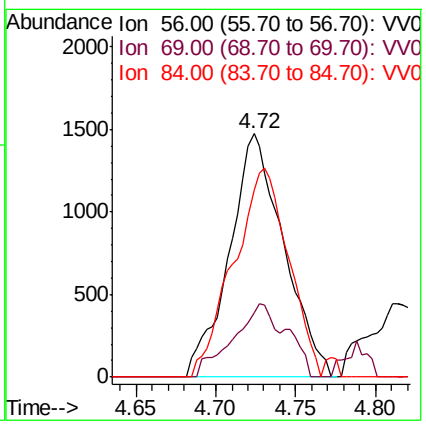


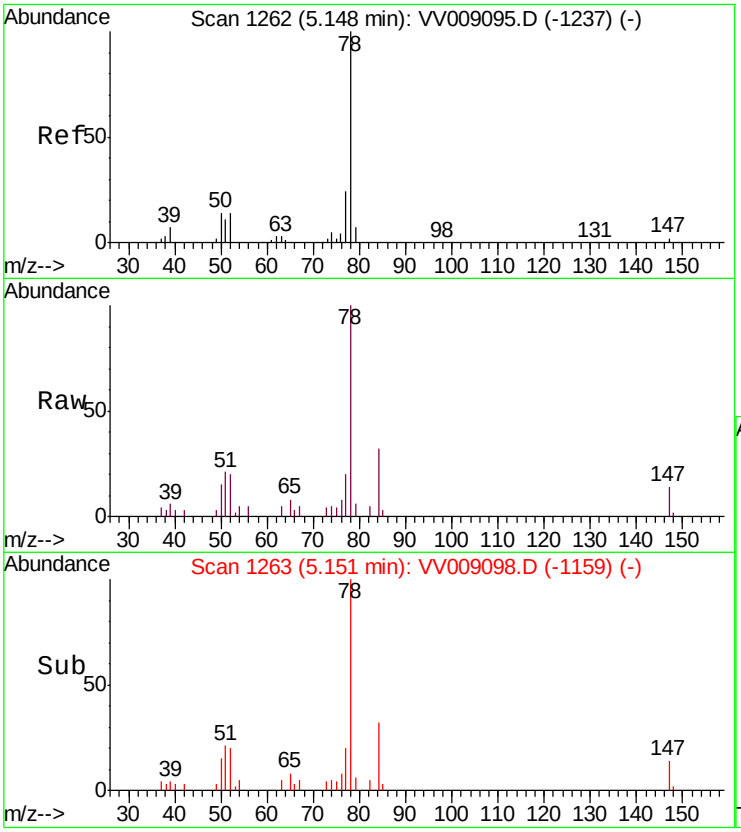


#30
Cyclohexane
Concen: 1.436 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 56 Resp: 3427

Ion	Ratio	Lower	Upper
56	100		
69	15.3	25.8	38.8#
84	86.9	73.0	109.6

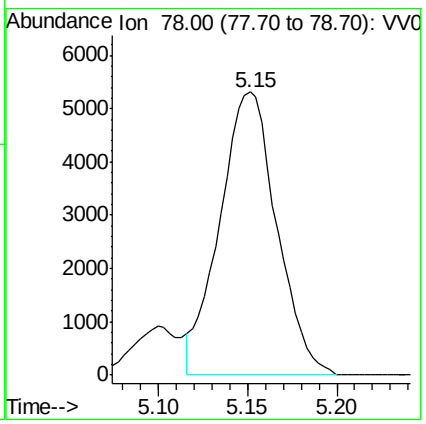


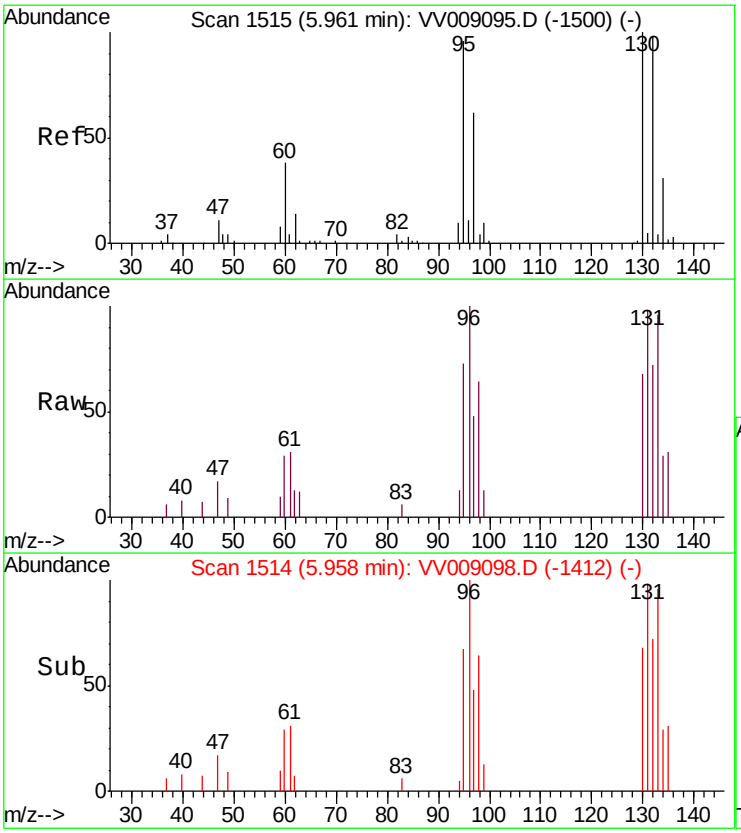


#34
Benzene
Concen: 2.084 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 78 Resp: 11836

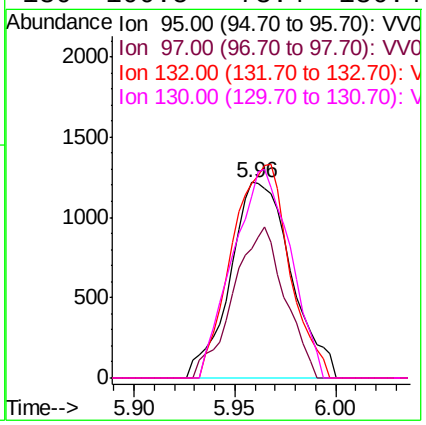


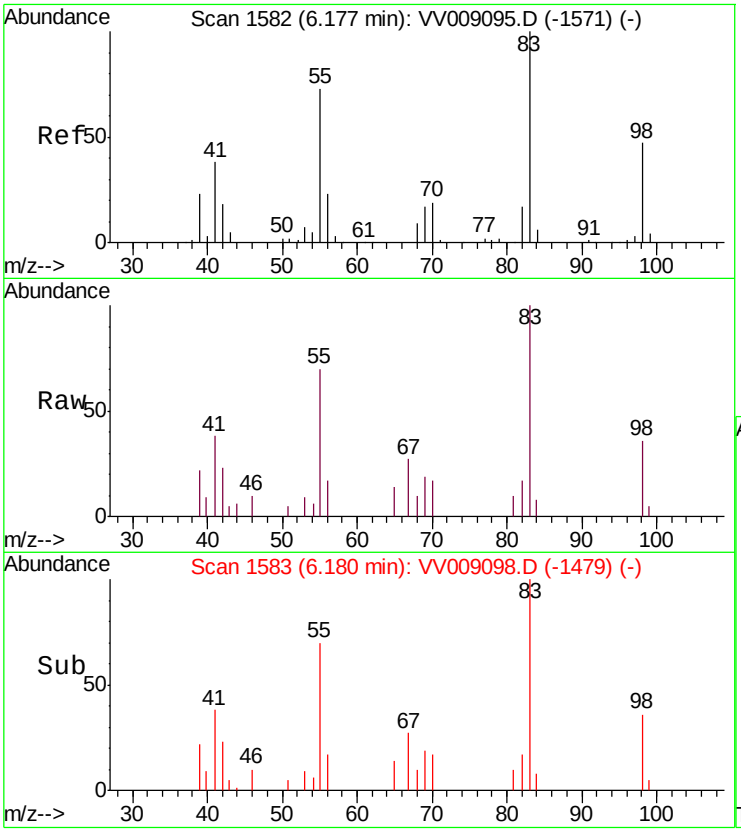


#35
Trichloroethene
Concen: 1.503 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 95 Resp: 2574

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.3	84.1
132	102.7	70.0	130.0
130	100.5	73.4	136.4



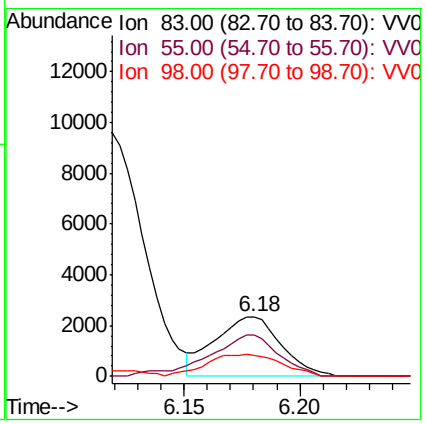


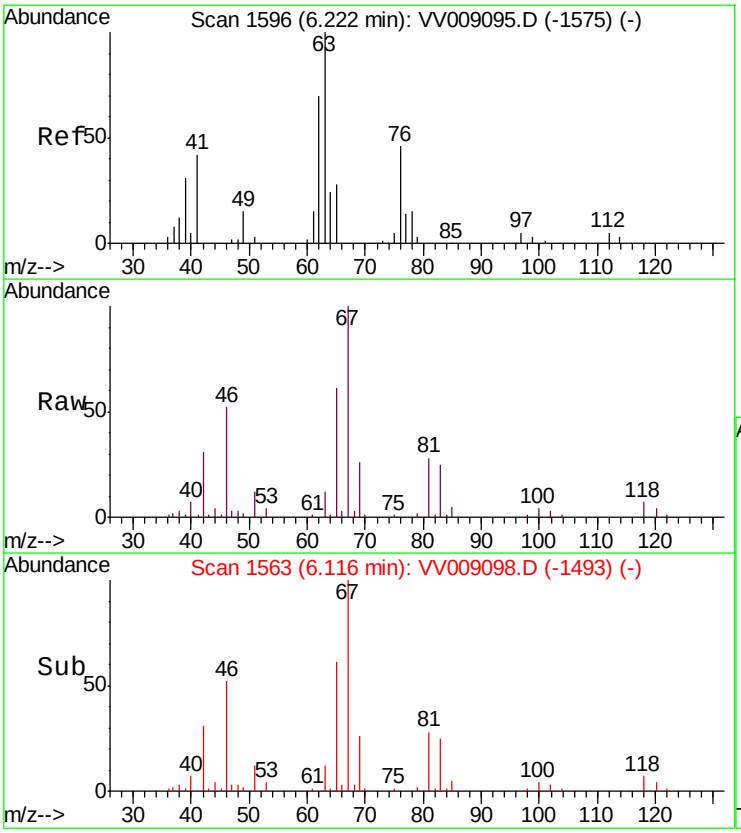
#36
Methylcyclohexane
Concen: 1.712 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 83 Resp: 4675

Ion	Ratio	Lower	Upper
83	100		
55	69.4	58.2	87.2
98	42.4	37.8	56.8

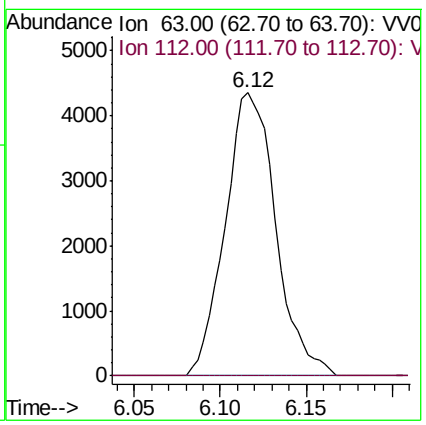


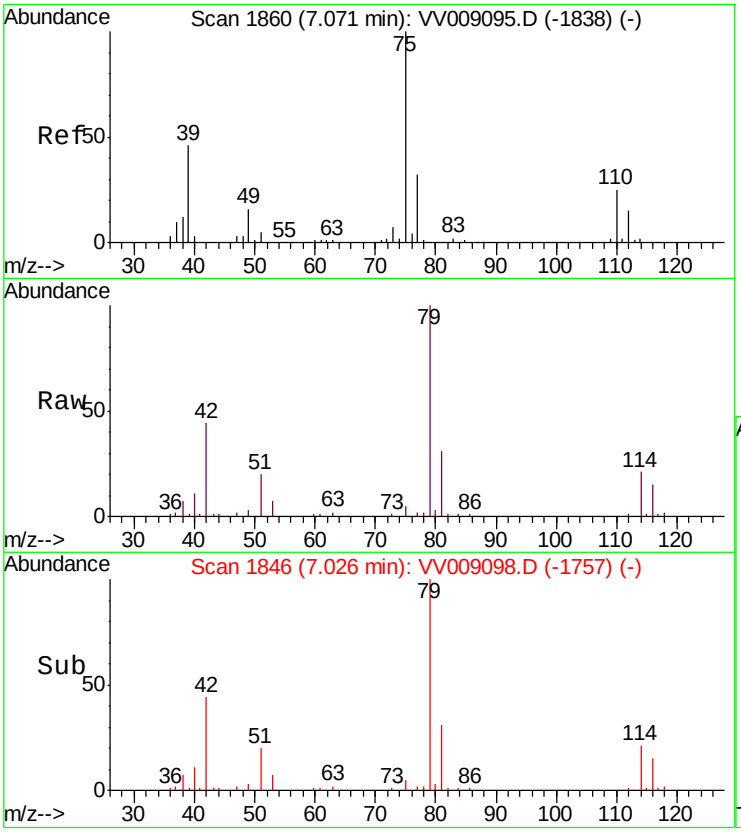


#40
1,2-Dichloropropane
Concen: 6.536 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 63 Resp: 8910

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



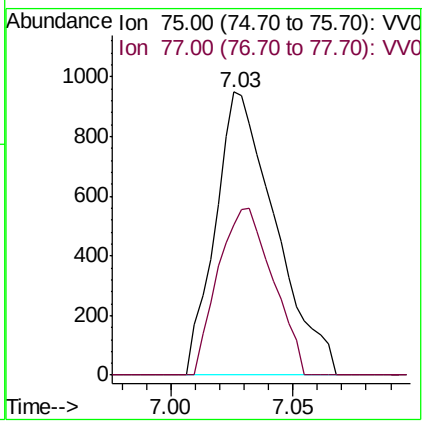


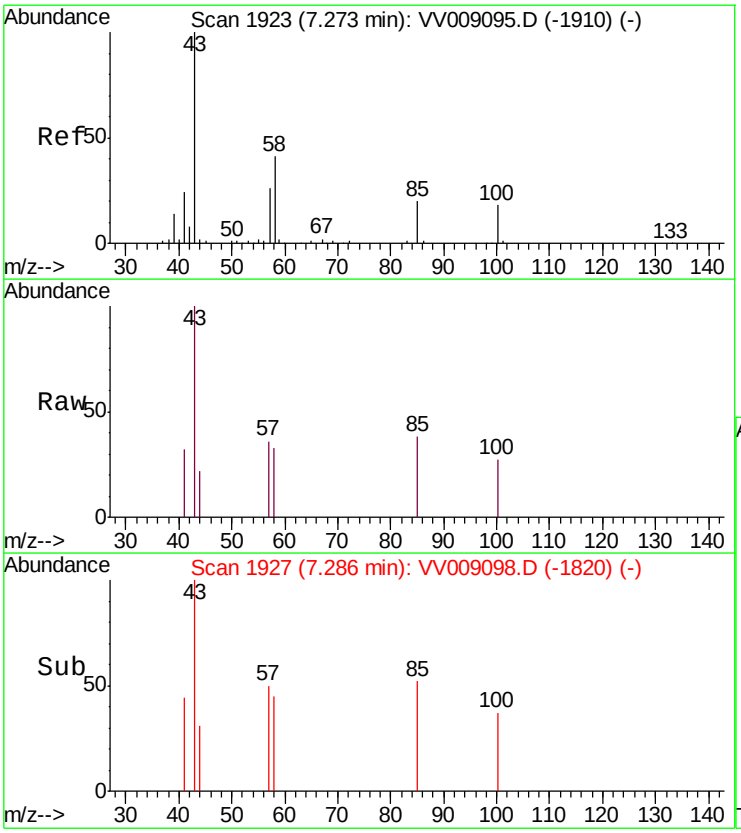
#42
cis-1,3-Dichloropropene
Concen: 0.815 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 75 Resp: 1626

Ion	Ratio	Lower	Upper
75	100		
77	53.2	21.3	39.6#

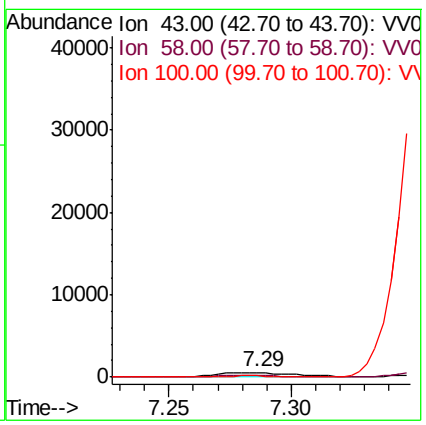


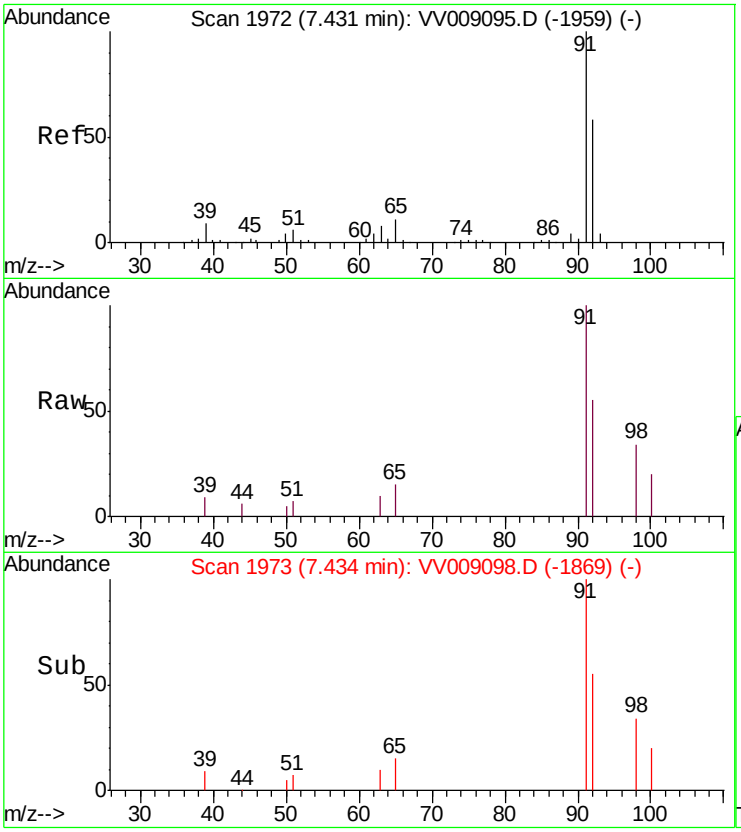


#43
4-Methyl-2-pentanone
Concen: 1.289 ug/L
RT: 7.29 min Scan# 1927
Delta R.T. 0.01 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 43 Resp: 1188

Ion	Ratio	Lower	Upper
43	100		
58	23.6	32.2	48.4#
100	12.1	13.8	20.8#



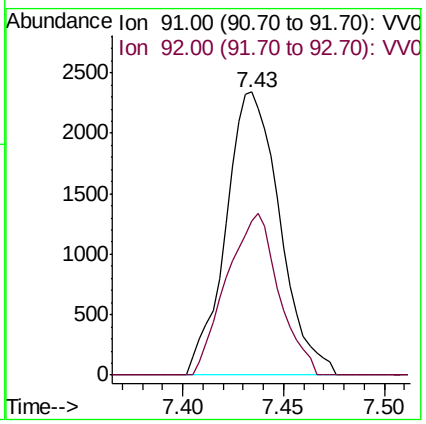


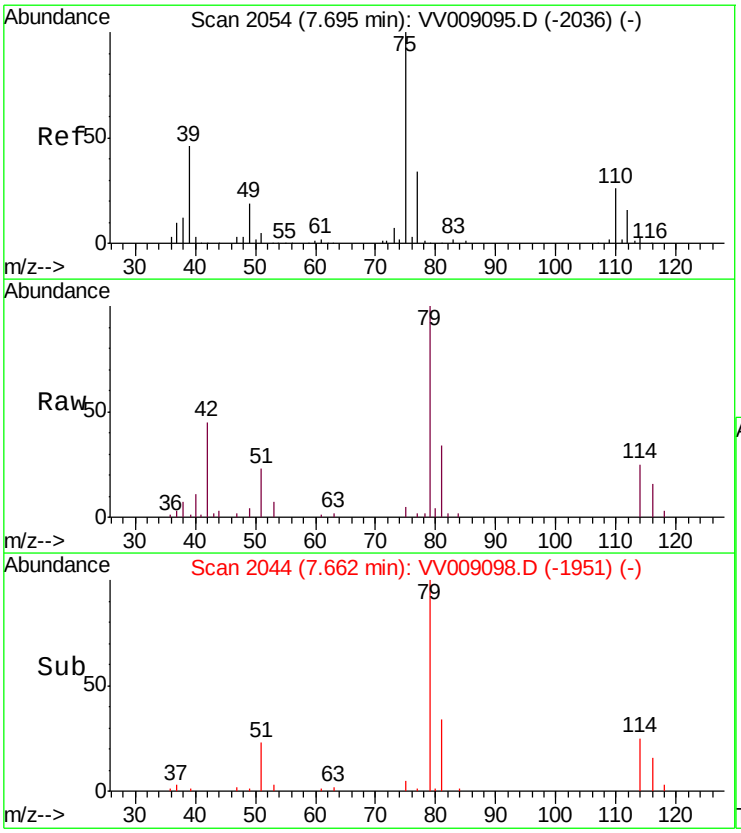
#44
Toluene
Concen: 0.737 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Tgt Ion: 91 Resp: 4390

Ion	Ratio	Lower	Upper
91	100		
92	54.6	41.7	77.5

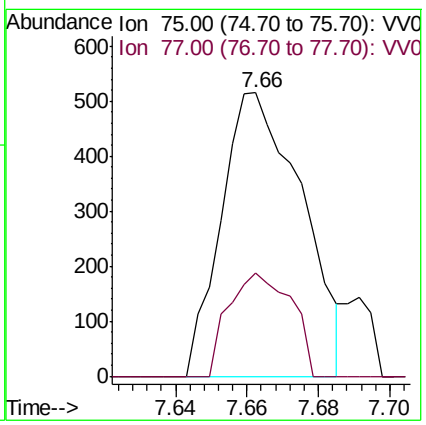


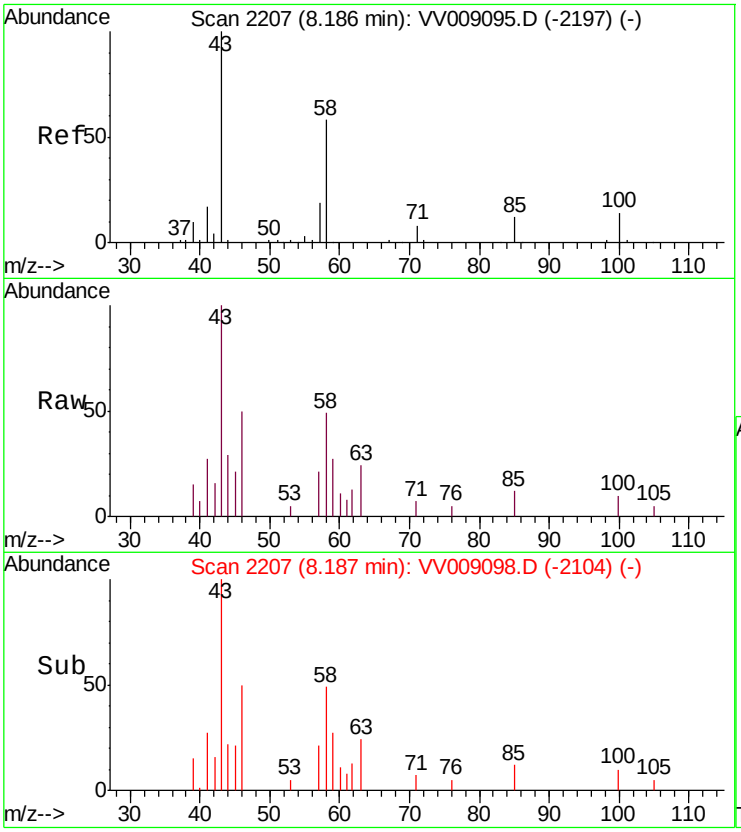


#45
trans-1,3-Dichloropropene
Concen: 0.463 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 75 Resp: 805

Ion	Ratio	Lower	Upper
75	100		
77	36.5	23.6	43.8



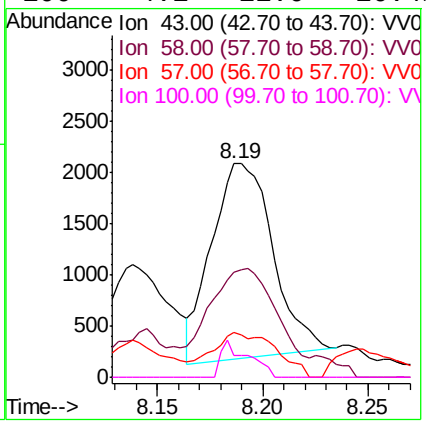


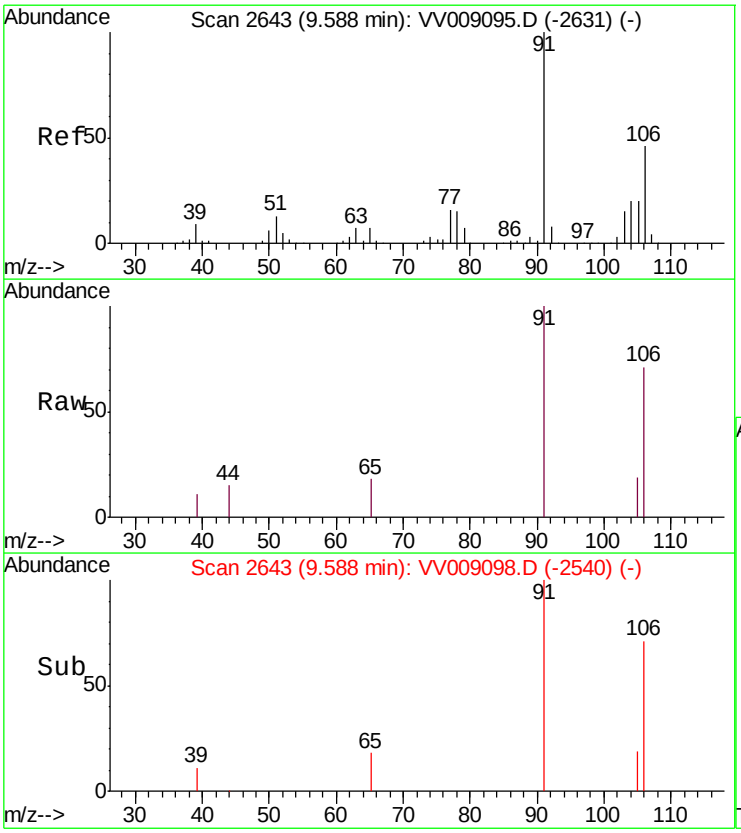
#49
2-Hexanone
Concen: 5.073 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 43 Resp: 3867

Ion	Ratio	Lower	Upper
43	100		
58	50.4	43.9	65.9
57	7.3	15.7	23.5#
100	4.1	11.0	16.4#

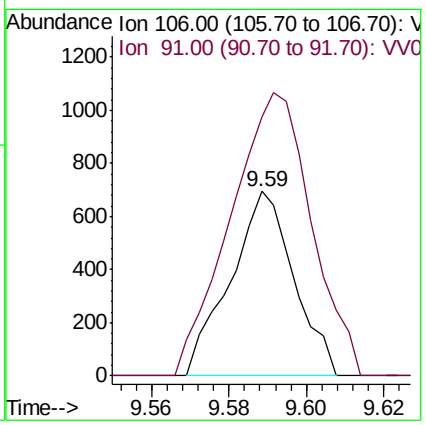


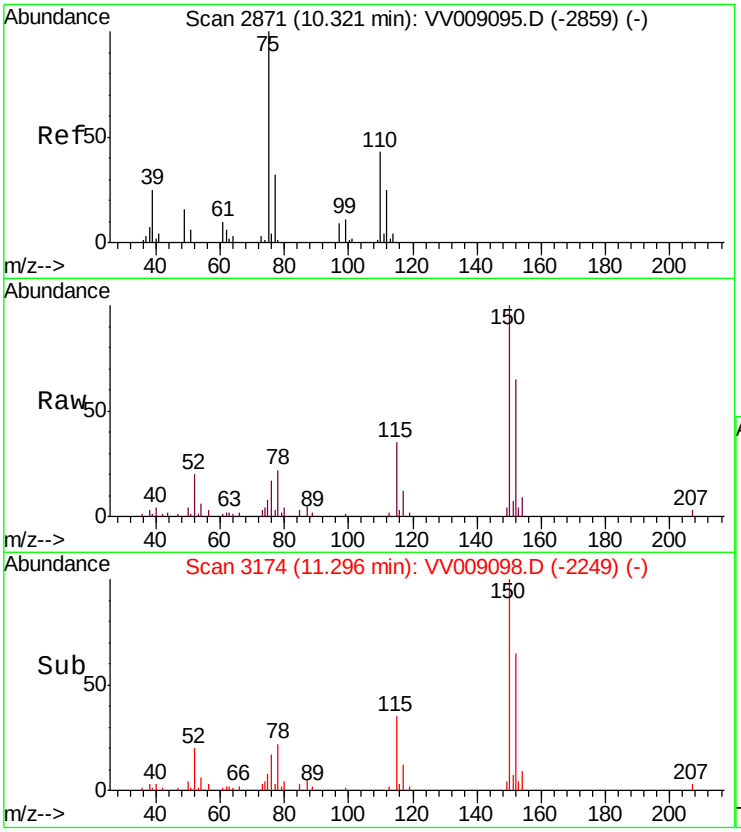


#55
o-xylene
Concen: 0.348 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion:106 Resp: 791

Ion	Ratio	Lower	Upper
106	100		
91	140.5	148.3	275.5#



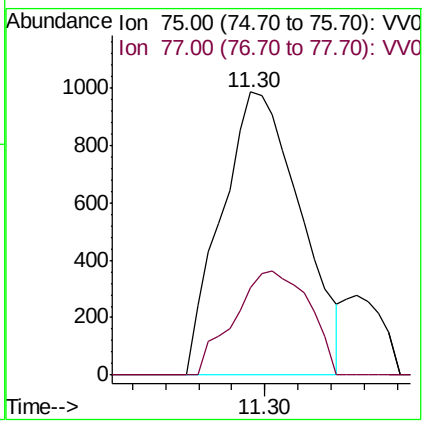


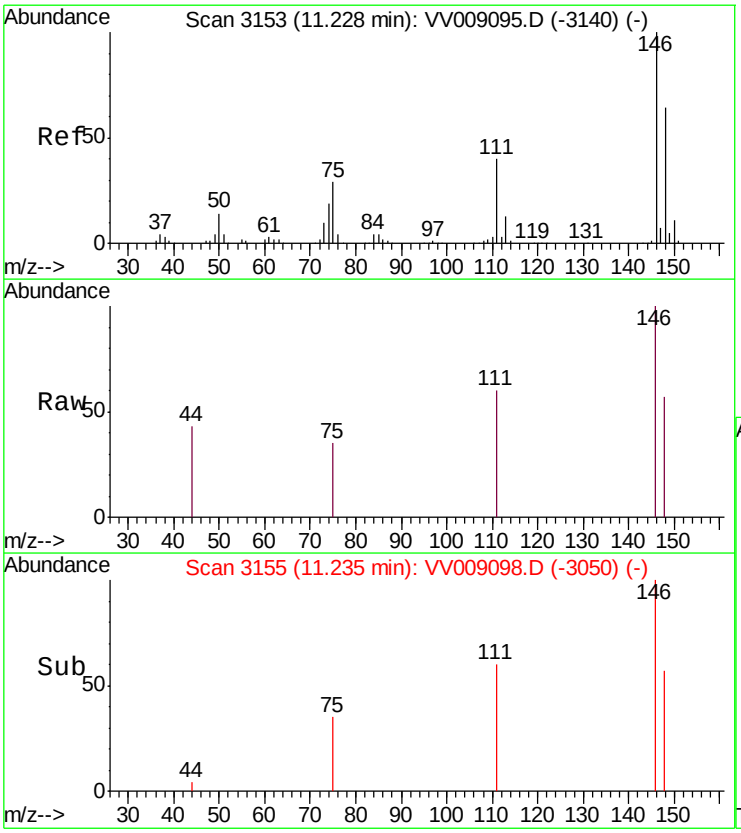
#59
1,2,3-Trichloropropane
Concen: 1.542 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Tgt Ion: 75 Resp: 1638

Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.6	38.4

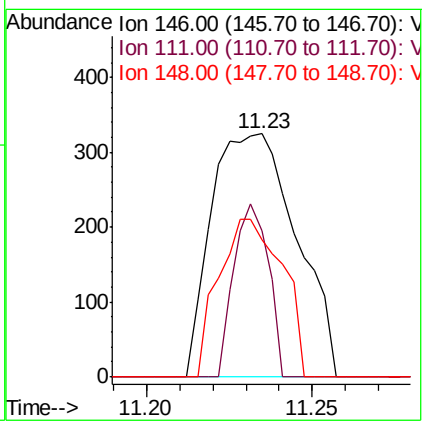


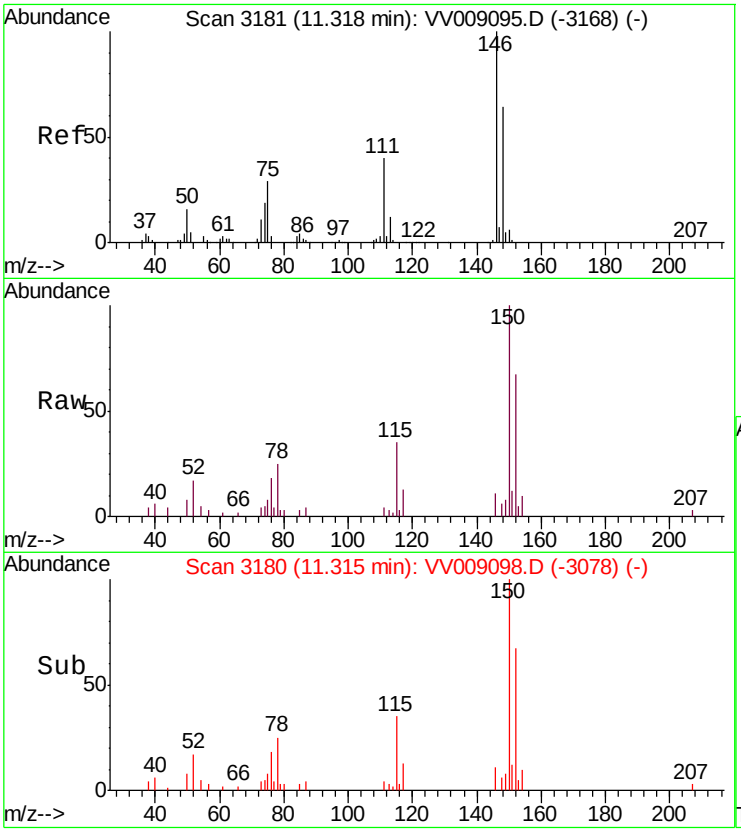


#63
1,3-Dichlorobenzene
Concen: 0.667 ug/L
RT: 11.23 min Scan# 3155
Delta R.T. 0.01 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion:146 Resp: 579

Ion	Ratio	Lower	Upper
146	100		
111	60.3	27.5	51.1#
148	56.6	44.0	81.8



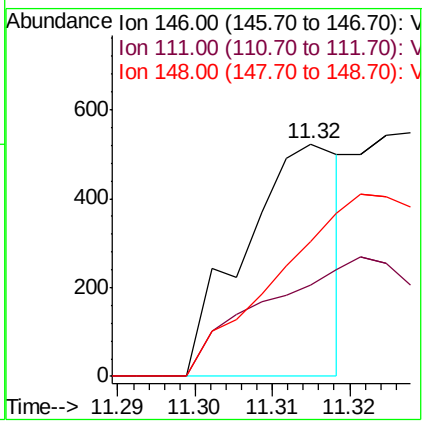


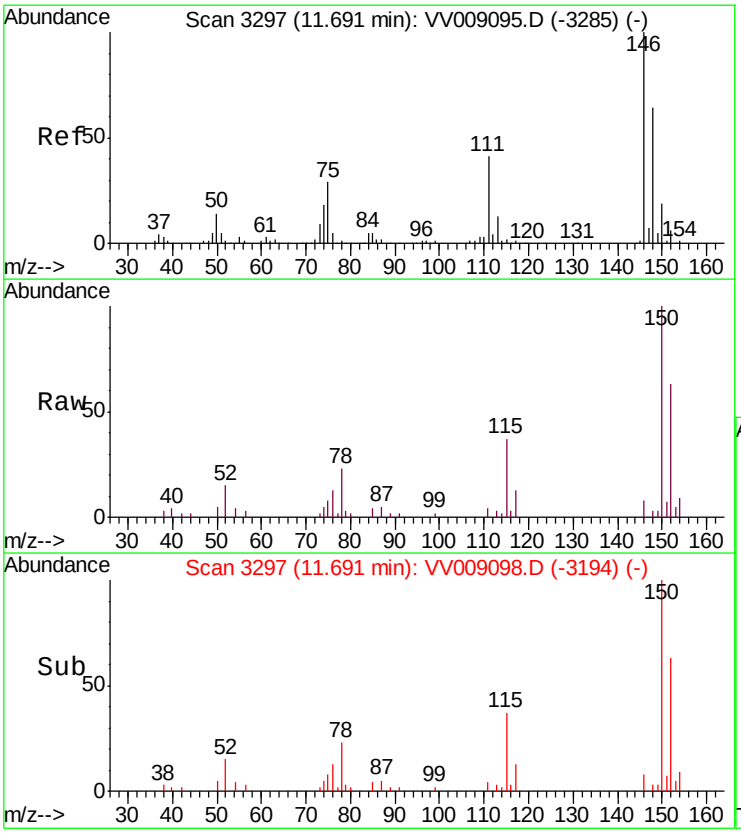
#64
1,4-Dichlorobenzene
Concen: 0.508 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Tgt Ion:146 Resp: 454

Ion	Ratio	Lower	Upper
146	100		
111	39.6	26.8	49.8
148	58.3	45.8	85.0

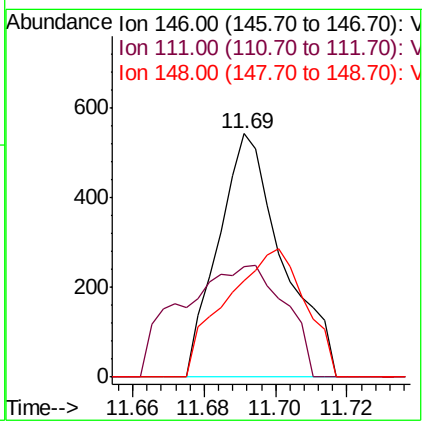


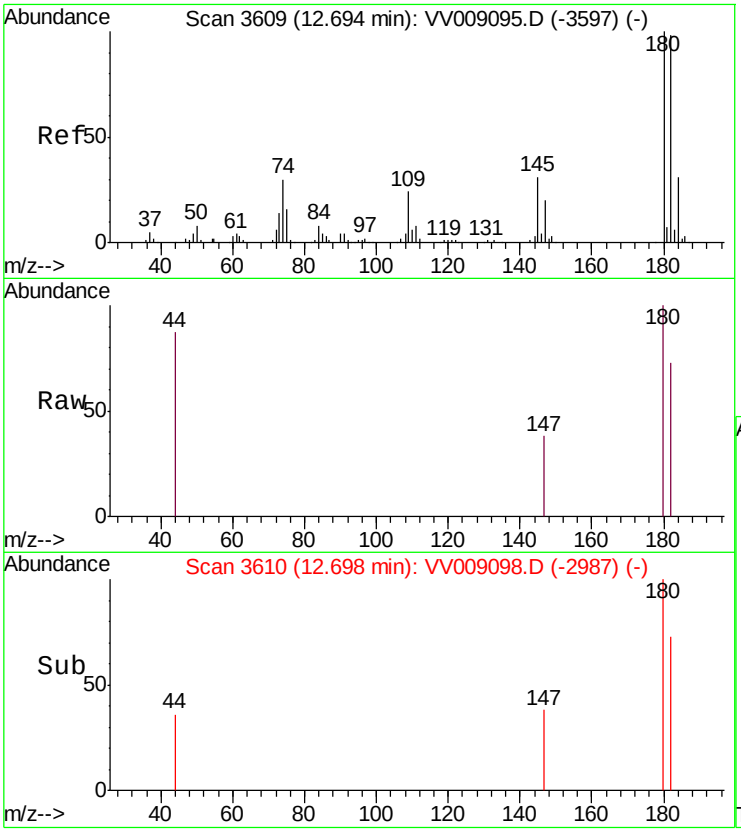


#65
1,2-Dichlorobenzene
Concen: 0.847 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion:146 Resp: 678

Ion	Ratio	Lower	Upper
146	100		
111	45.2	34.2	51.4
148	39.7	51.0	76.6#



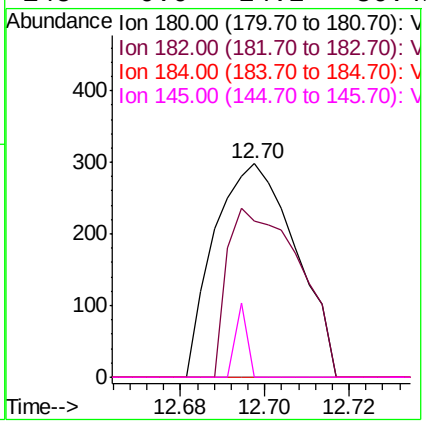


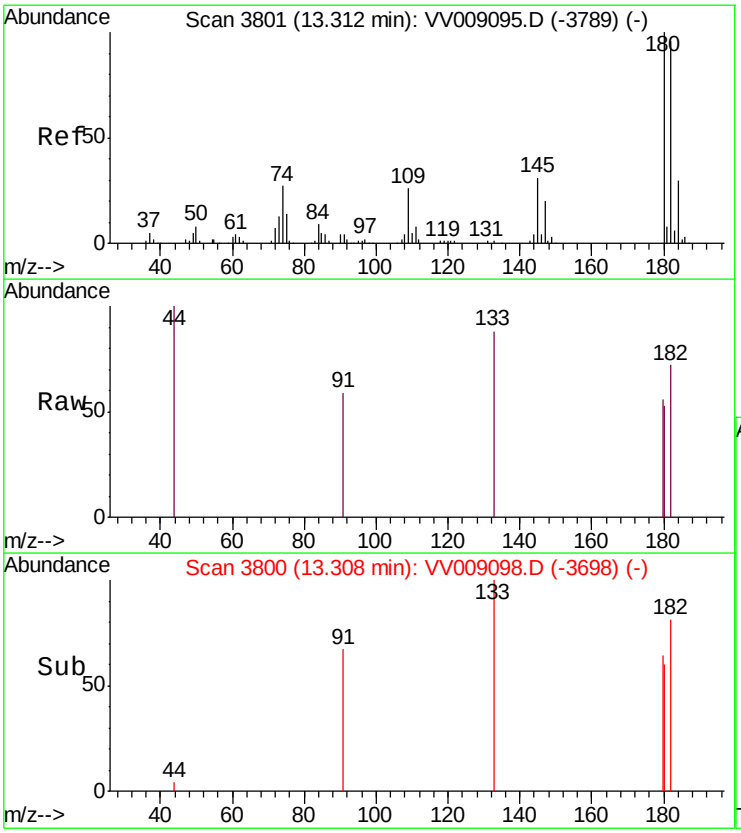
#67
1,3,5-Trichlorobenzene
Concen: 0.638 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Tgt Ion:180 Resp: 400

Ion	Ratio	Lower	Upper
180	100		
182	70.3	75.9	113.9#
184	0.0	23.8	35.6#
145	0.0	24.2	36.4#

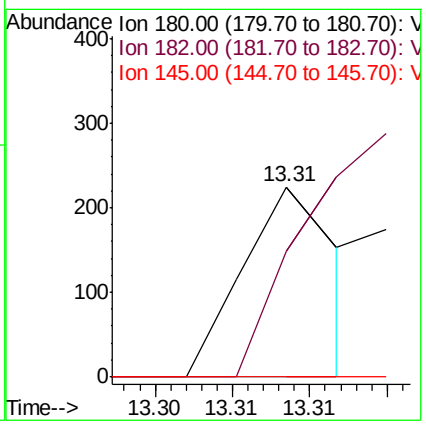


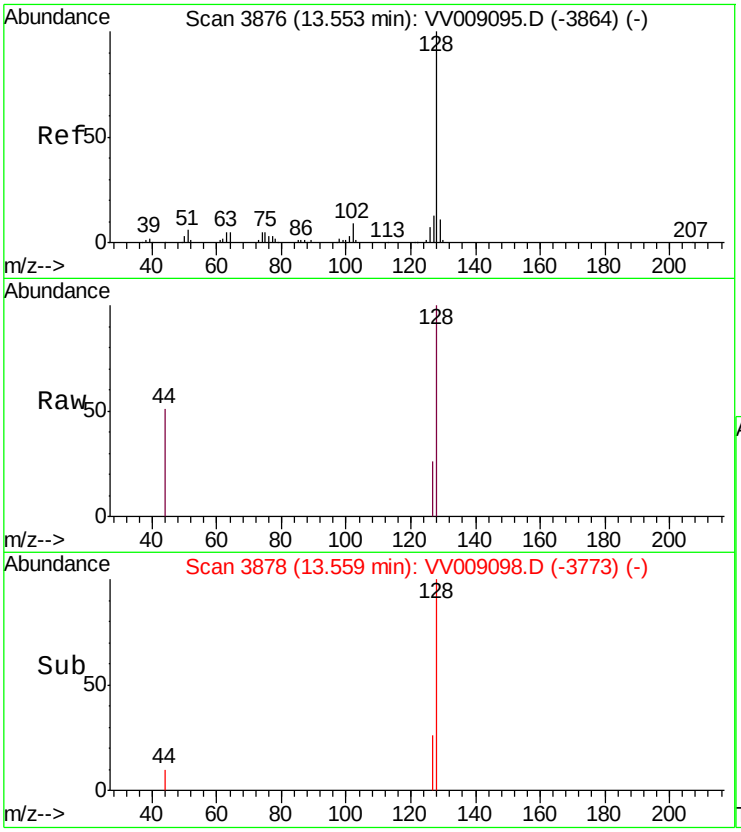


#68
1,2,4-trichlorobenzene
Concen: 0.216 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. -0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion:180 Resp: 95

Ion	Ratio	Lower	Upper
180	100		
182	261.1	77.4	116.0#
145	0.0	25.6	38.4#



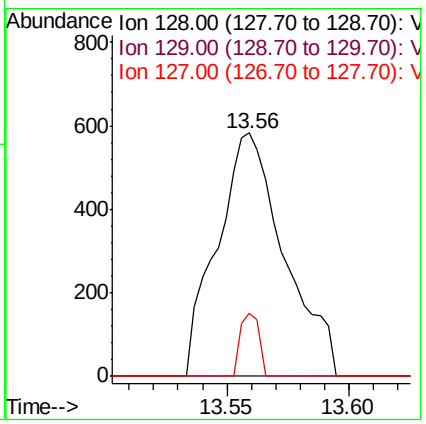


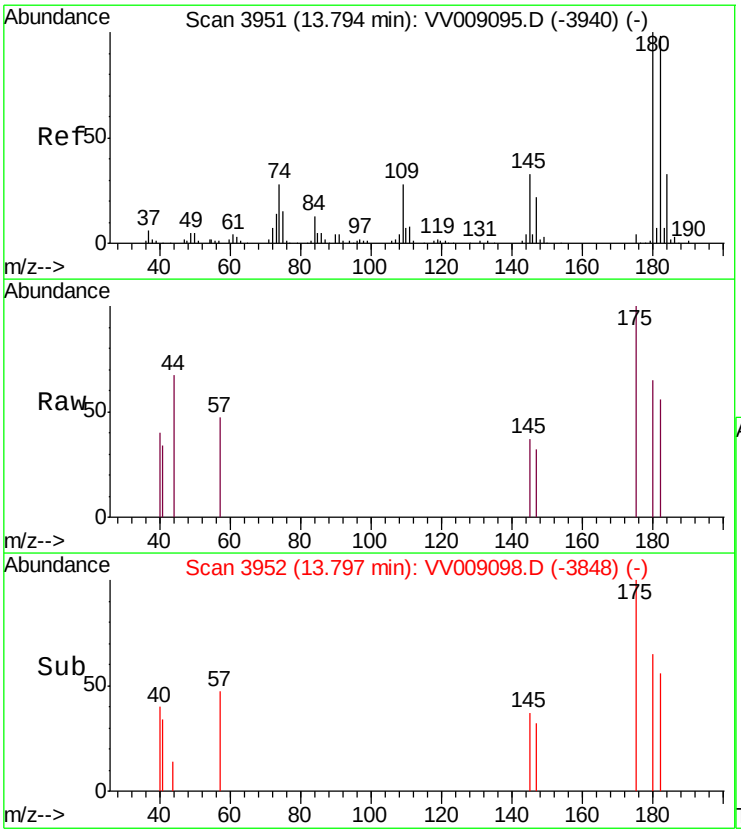
#69
Naphthalene
Concen: 1.470 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion:128 Resp: 1113

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	7.2	10.0	15.0#





#70
1,2,3-Trichlorobenzene
Concen: 0.663 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion:180 Resp: 269

Ion	Ratio	Lower	Upper
180	100		
182	61.0	76.1	114.1#
145	0.0	26.7	40.1#