Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022519\

Quantitation Report (Not Reviewed)

Data File : VV009349.D
Acq On : 25 Feb 2019 15:23
Operator : SY/MD
Sample : K1579-13MS
Misc : 6.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB609MS

Quant Time: Feb 26 02:49:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	77525	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62490	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15687	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24827	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.28%			
7) Chloroethane-d5	1.57	69	26278	21.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.16%			
10) 1,1-Dichloroethene-d2	2.13	63	70583	27.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.32%#			
20) 2-Butanone-d5	3.93	46	13754	38.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.20%			
24) Chloroform-d	4.40	84	40711	22.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.44%			
26) 1,2-Dichloroethane-d4	5.08	65	25096	25.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.84%			
29) Benzene-d6	5.10	84	89920	28.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.76%			
33) 1,2-Dichloropropane-d6	6.12	67	29674	32.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 128.68%#			
37) Toluene-d8	7.36	98	78273	26.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.96%			
38) trans-1,3-Dichloropropene-	7.66	79	11683	24.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.68%			
39) 2-Hexanone-d5	8.13	63	10968	42.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.50%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21612	21.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.72%			
61) 1,2-Dichlorobenzene-d4	11.68	152	13605	23.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.44%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	34972	30.746	ug/L	97
13) Acetone	2.19	43	476	1.349	ug/L	97
16) Methylene chloride	2.54	84	1782	1.520	ug/L	96
25) Chloroform	4.43	83	2626	1.450	ug/L #	28
27) 1,2-Dichloroethane	5.14	62	1028	0.838	ug/L #	72
34) Benzene	5.15	78	111348	32.588	ug/L	100
35) Trichloroethene	5.96	95	26668	28.060	ug/L	99
40) 1,2-Dichloropropane	6.12	63	3342	4.030	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	926	0.658	ug/L #	64
44) Toluene	7.43	91	112879	29.786	ug/L	99
45) trans-1,3-Dichloropropene	7.67	75	604	0.490	ug/L	88
52) Chlorobenzene	8.93	112	63414	25.699	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	2095	2.805	ug/L	93

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

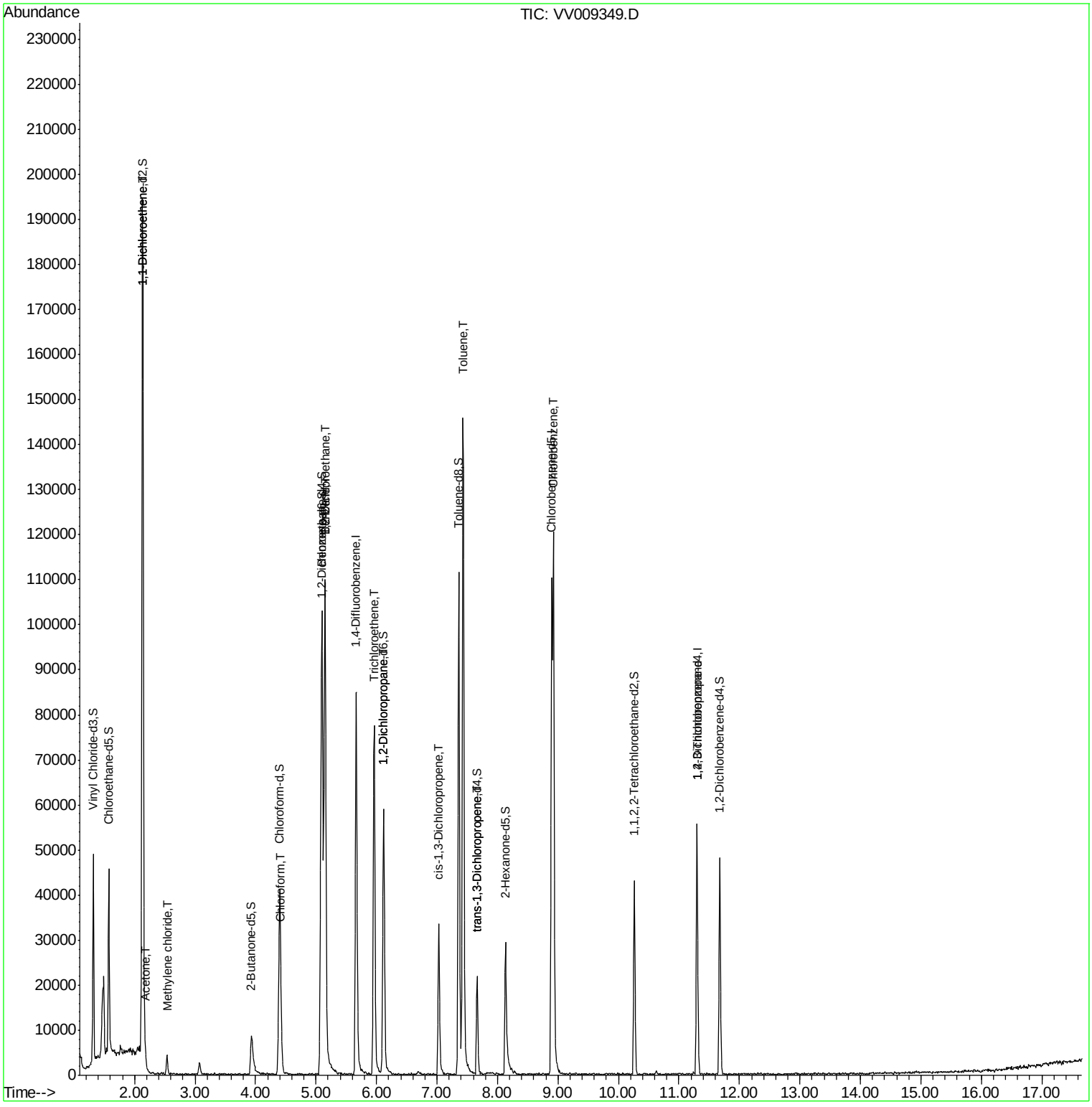
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022519\

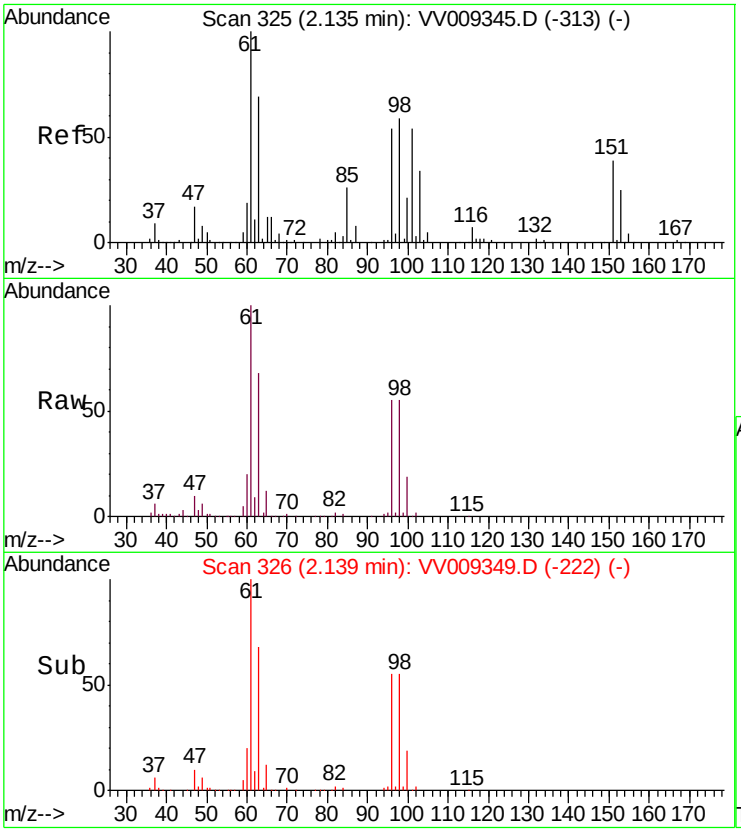
Quantitation Report (Not Reviewed)

Data File : VV009349.D
Acq On : 25 Feb 2019 15:23
Operator : SY/MD
Sample : K1579-13MS
Misc : 6.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB609MS

Quant Time: Feb 26 02:49:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration



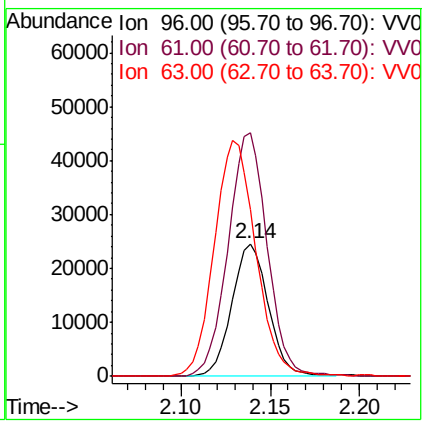


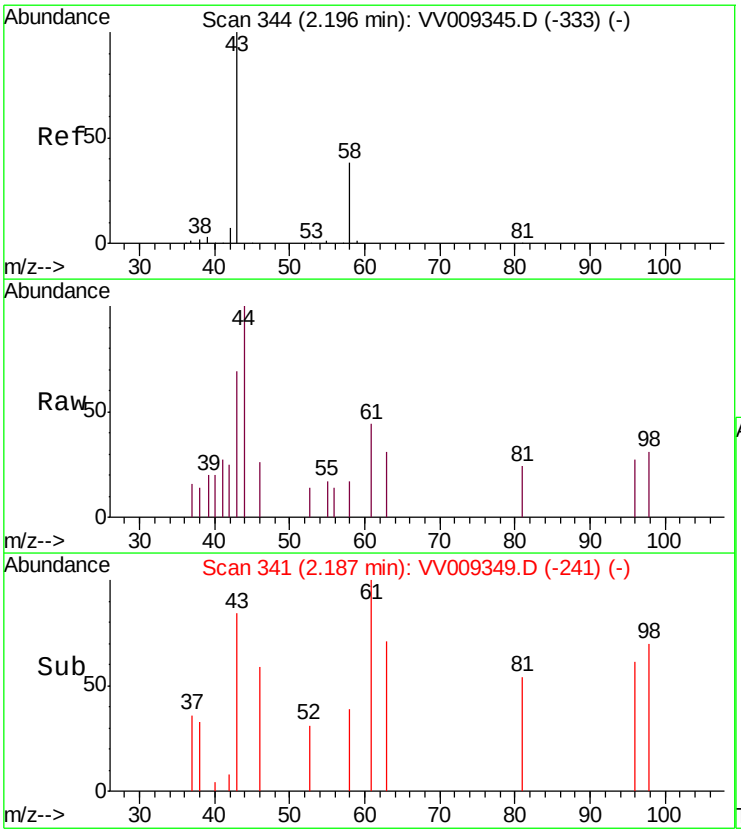
#12
1,1-Dichloroethene
Concen: 30.746 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Instrument :
MSVOA_V
ClientSampleId :
DB609MS

Tgt Ion: 96 Resp: 34972

Ion	Ratio	Lower	Upper
96	100		
61	183.3	123.3	228.9
63	125.4	88.4	164.2

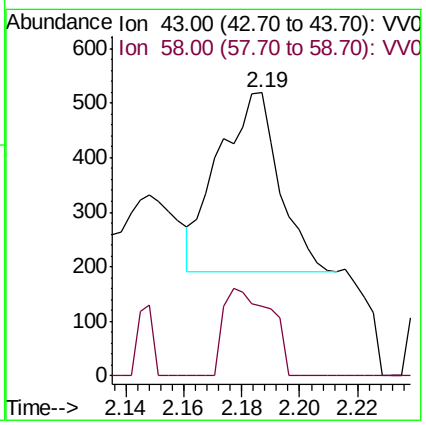


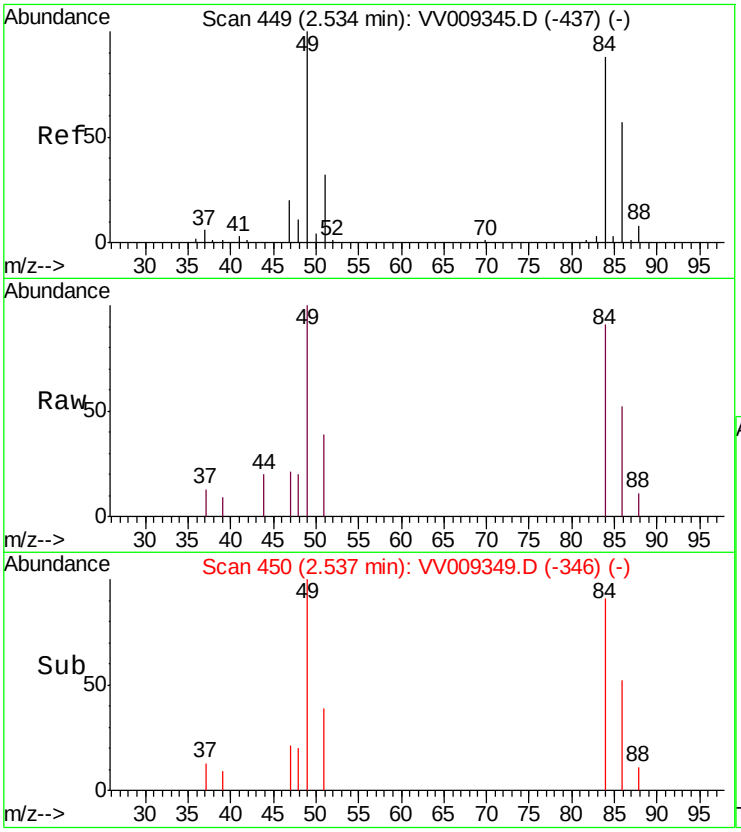


#13
Acetone
Concen: 1.349 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 43 Resp: 476

Ion	Ratio	Lower	Upper
43	100		
58	37.8	0.0	72.0



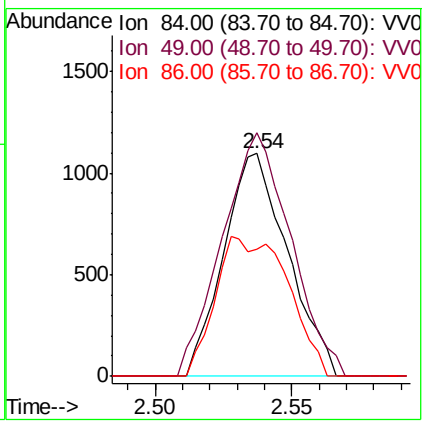


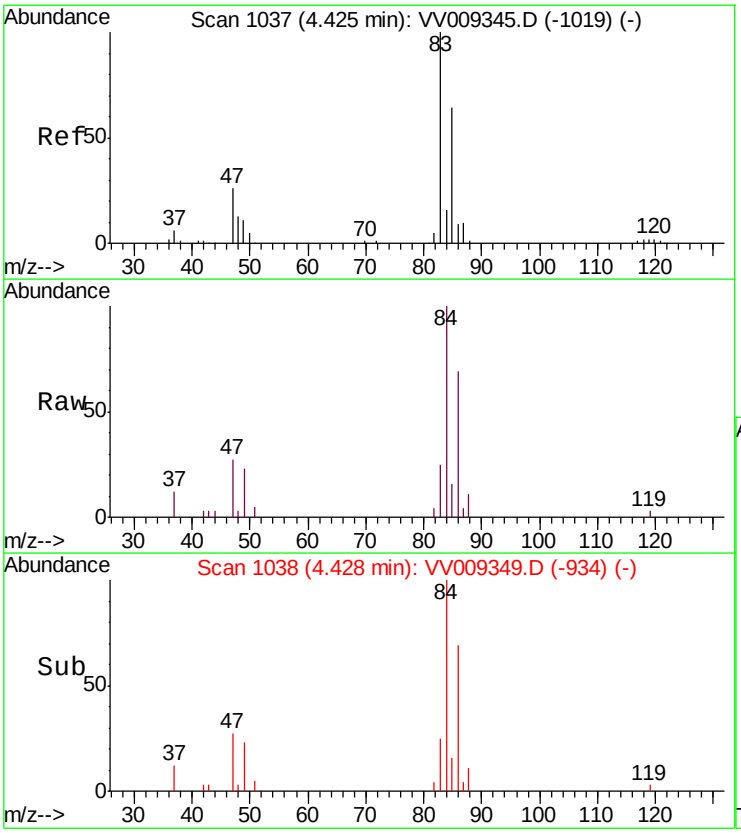
#16
Methylene chloride
Concen: 1.520 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Instrument :
MSVOA_V
ClientSampleId :
DB609MS

Tgt Ion: 84 Resp: 1782

Ion	Ratio	Lower	Upper
84	100		
49	109.3	78.7	146.1
86	57.1	44.0	81.6

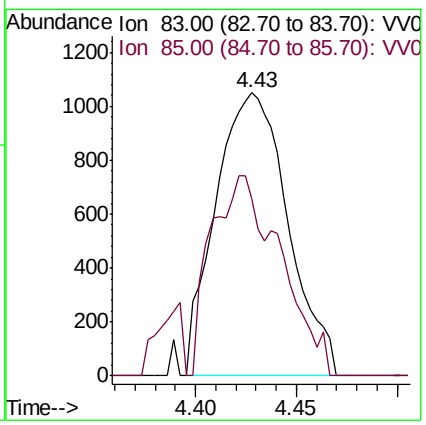


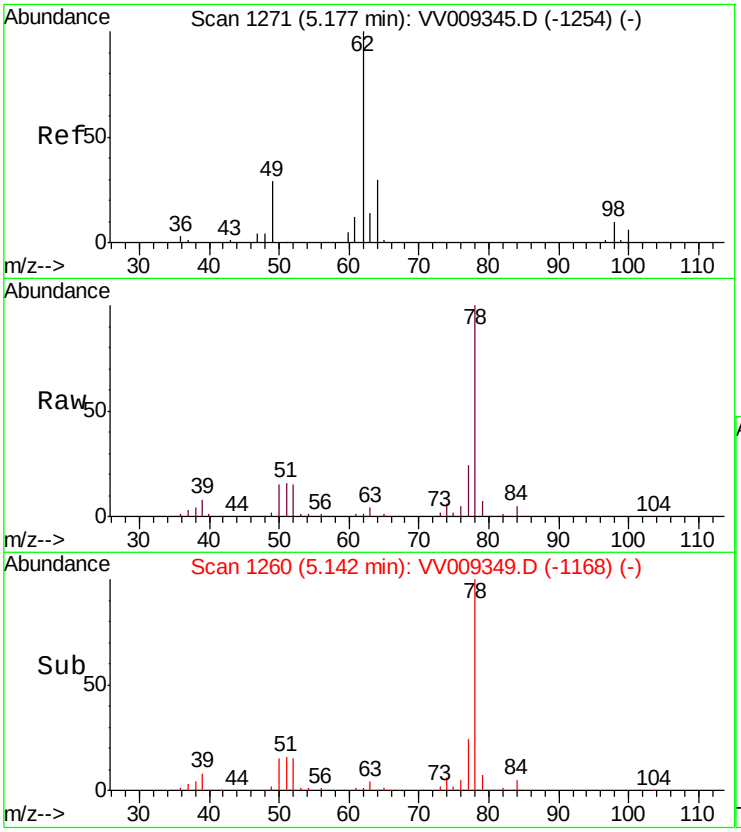


#25
Chloroform
Concen: 1.450 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 83 Resp: 2626

Ion	Ratio	Lower	Upper
83	100		
85	9.7	47.5	88.3#



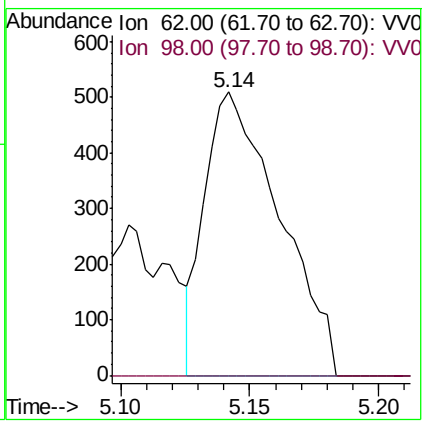


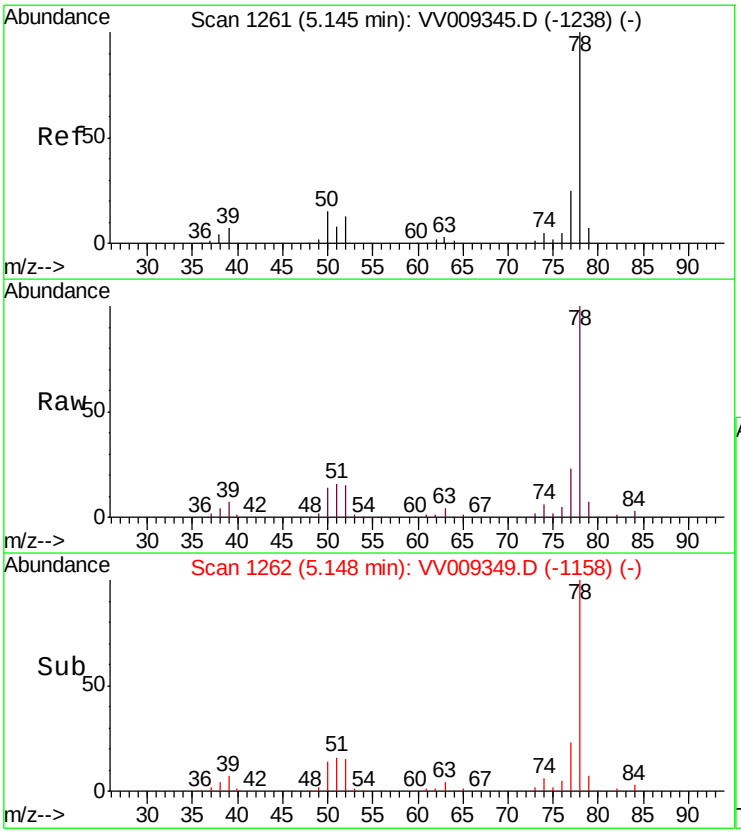
#27
1,2-Dichloroethane
Concen: 0.838 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.04 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Instrument :
MSVOA_V
ClientSampleId :
DB609MS

Tgt Ion: 62 Resp: 1028

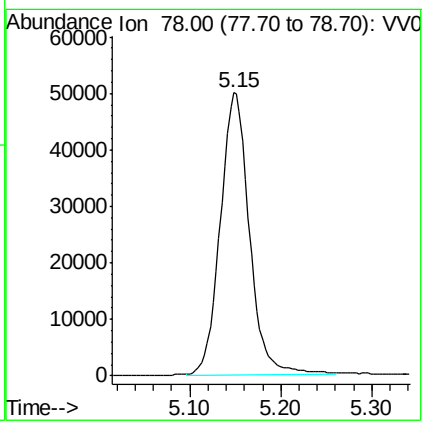
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.5	12.7#

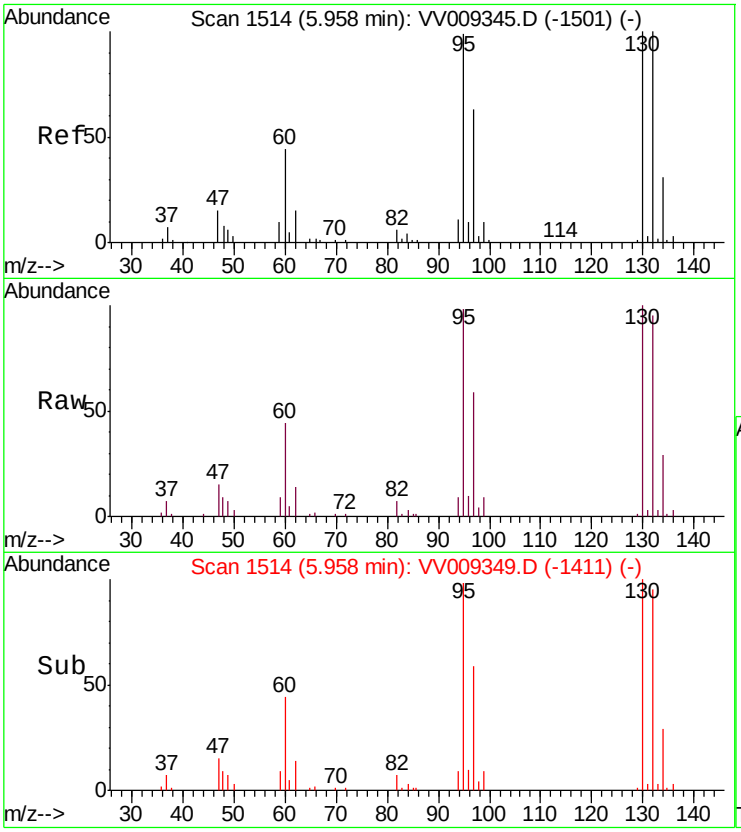




#34
Benzene
Concen: 32.588 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 78 Resp: 111348



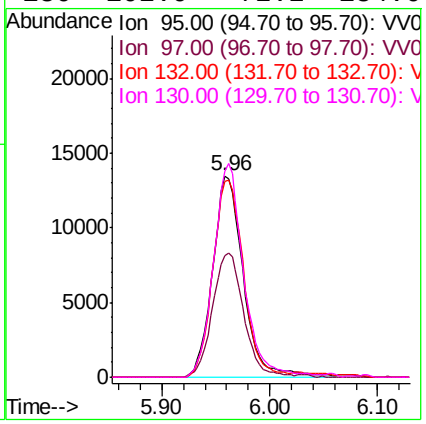


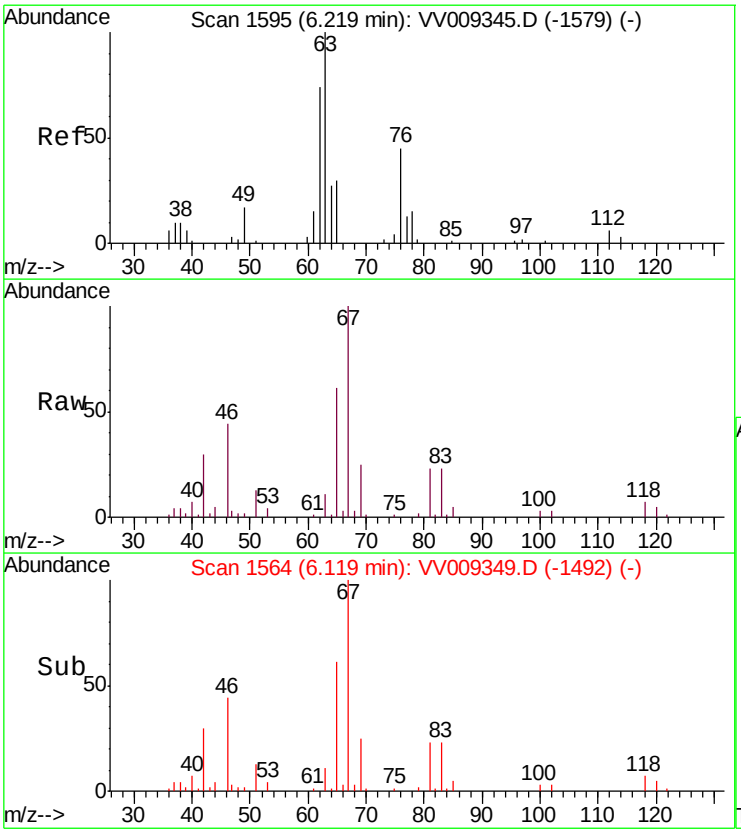
#35
Trichloroethene
Concen: 28.060 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Instrument : MSVOA_V
ClientSampleId : DB609MS

Tgt Ion: 95 Resp: 26668

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.0	83.6
132	97.5	68.7	127.5
130	102.9	72.2	134.0

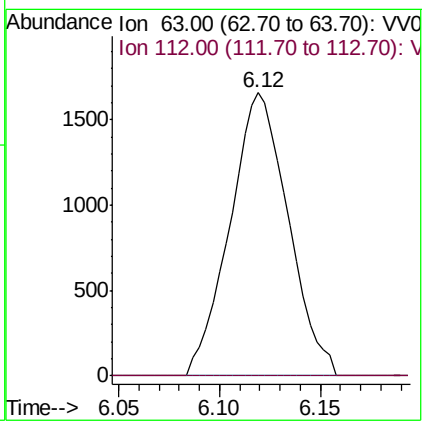


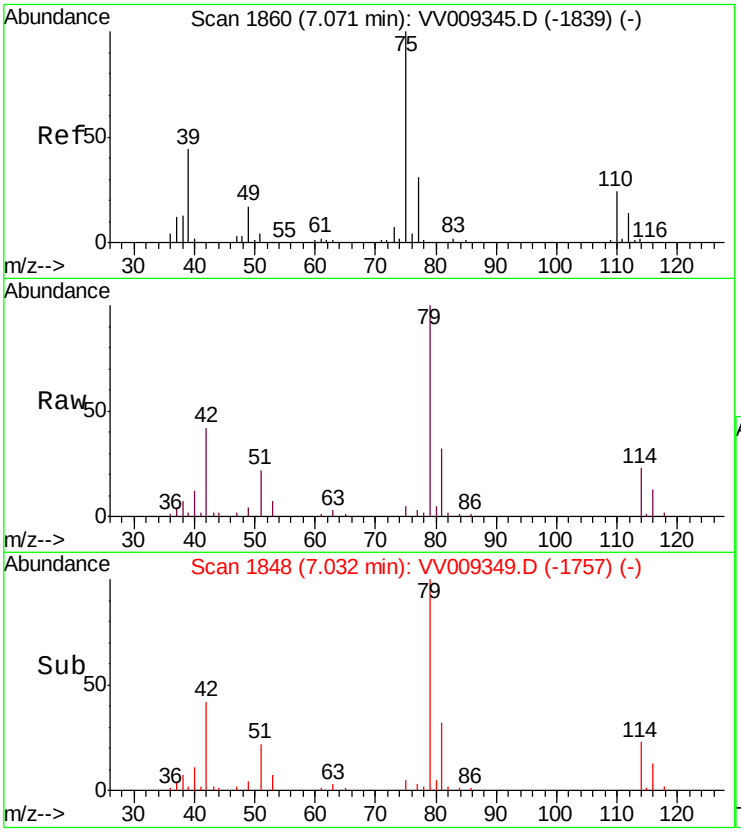


#40
1,2-Dichloropropane
Concen: 4.030 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 63 Resp: 3342

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



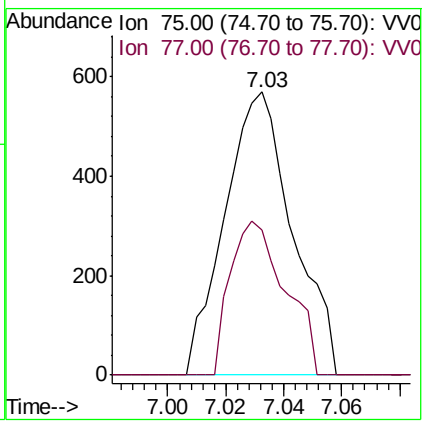


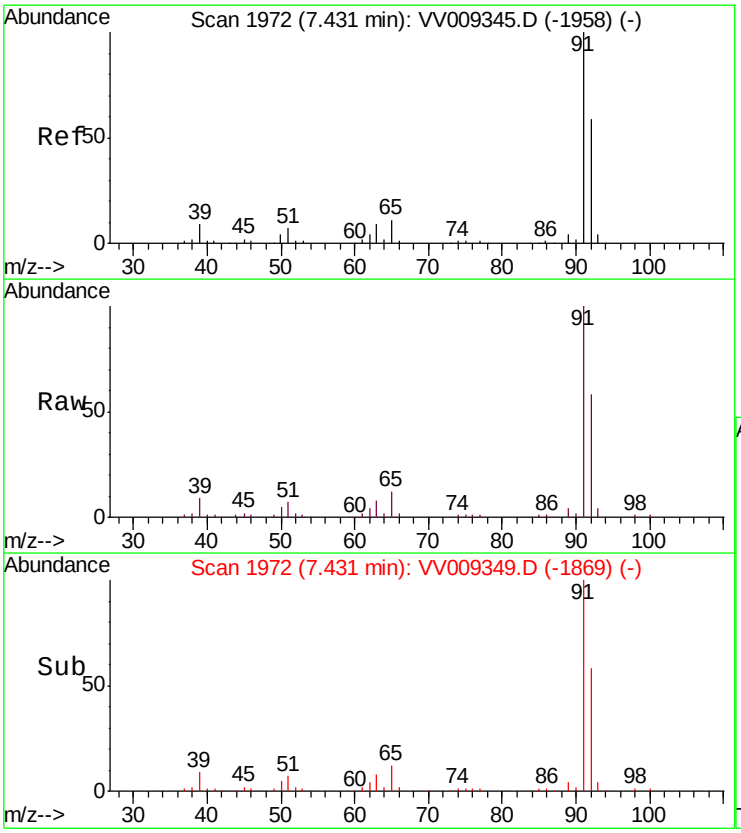
#42
cis-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Instrument : MSVOA_V
ClientSampleId : DB609MS

Tgt Ion: 75 Resp: 926

Ion	Ratio	Lower	Upper
75	100		
77	51.5	22.0	40.8#

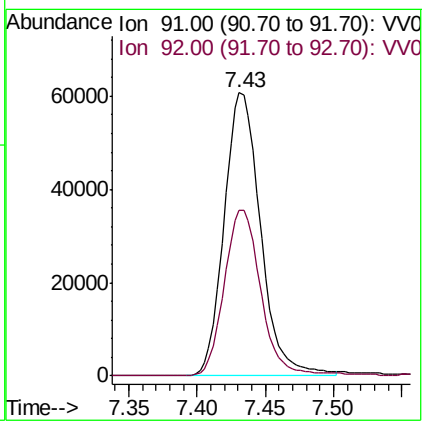


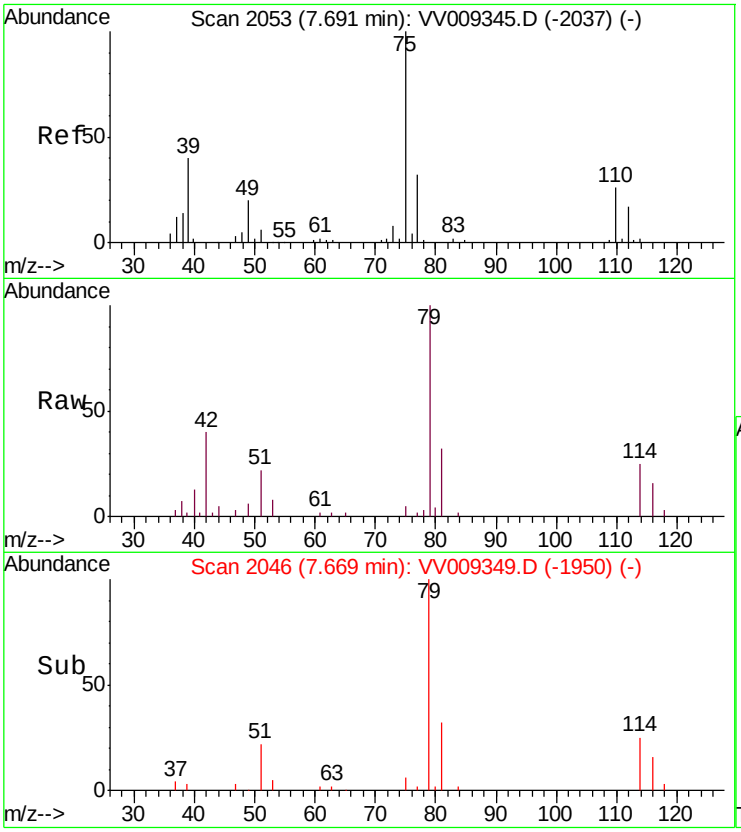


#44
Toluene
Concen: 29.786 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 91 Resp: 112879

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.5	75.3



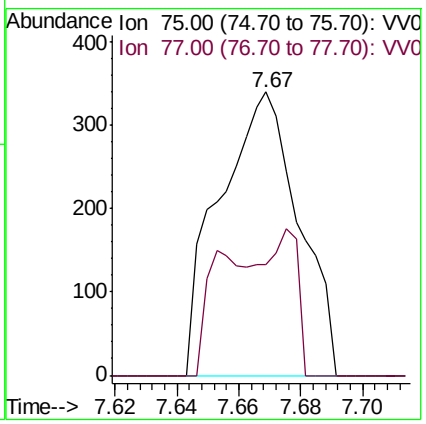


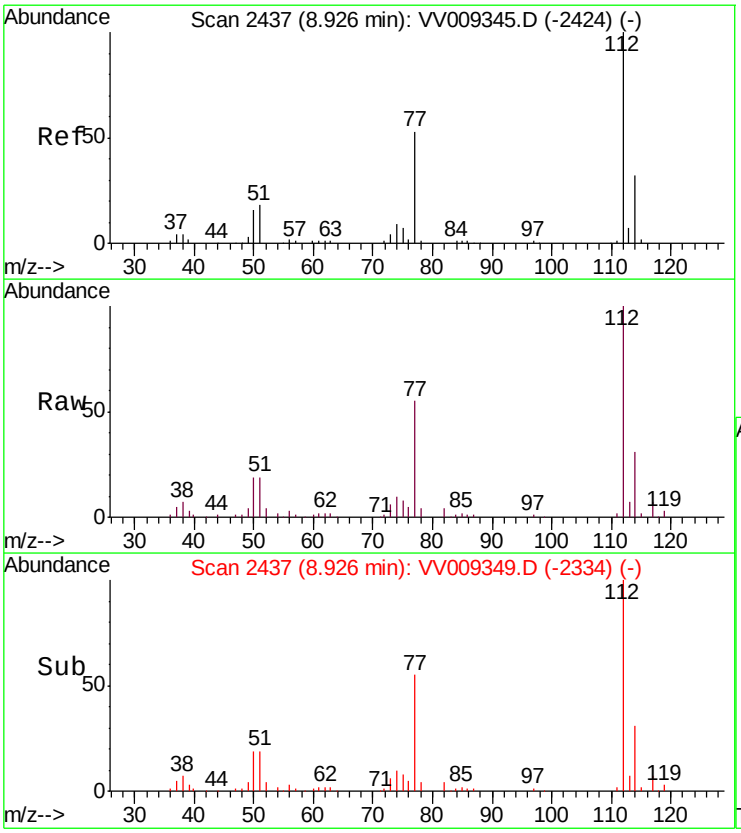
#45
trans-1,3-Dichloropropene
Concen: 0.490 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Instrument :
MSVOA_V
ClientSampleId :
DB609MS

Tgt Ion: 75 Resp: 604

Ion	Ratio	Lower	Upper
75	100		
77	38.9	22.6	42.0

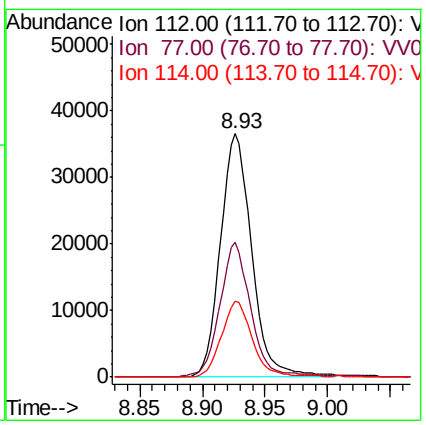


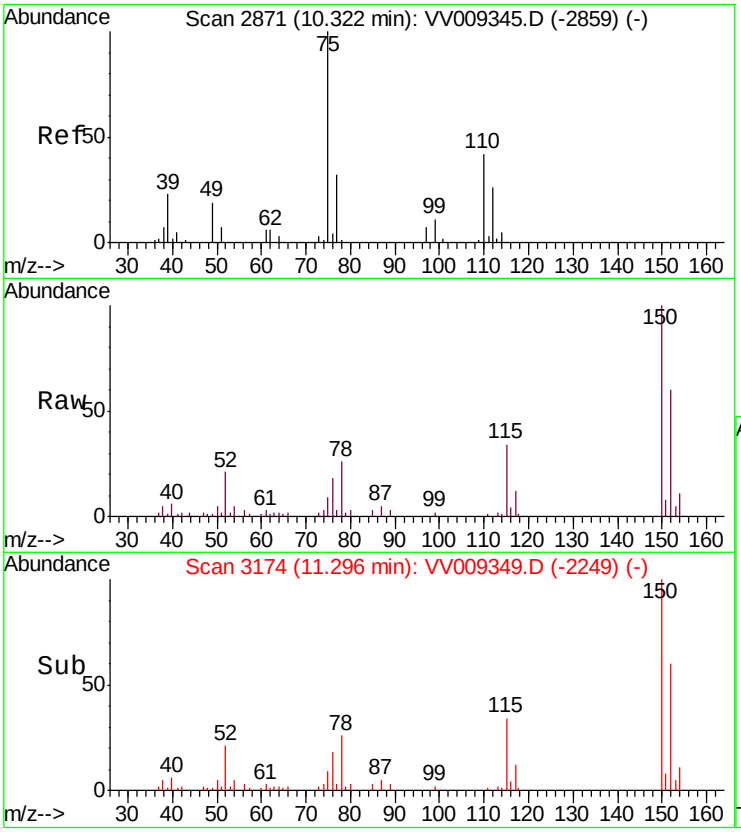


#52
Chlorobenzene
Concen: 25.699 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Tgt Ion:112 Resp: 63414

Ion	Ratio	Lower	Upper
112	100		
77	55.2	45.0	67.4
114	31.4	22.0	41.0





#59
1,2,3-Trichloropropane
Concen: 2.805 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009349.D
Acq: 25 Feb 2019 15:23

Instrument :
MSVOA_V
ClientSampleId :
DB609MS

Tgt Ion: 75 Resp: 2095

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.3	39.5