Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\

Quantitation Report (Not Reviewed)

Data File : VV013453.D
Acq On : 31 Oct 2019 18:37
Operator : SY/MD
Sample : K5597-12
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE1

Quant Time: Nov 01 05:35:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	358317	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	378990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	202954	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	125093	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.58	69	104581	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.13	63	169058	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.96	46	405946	49.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.24%			
24) Chloroform-d	4.40	84	286795	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.08	65	162937	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.09	84	594267	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.12	67	191253	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%			
41) Toluene-d8	7.36	98	495424	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.66	79	70028	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.13	63	267516	46.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142048	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	207362	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
13) Acetone	2.22	43	6766	1.825	ug/L	48
14) Carbon disulfide	2.31	76	14539	0.185	ug/L #	95
18) trans-1,2-Dichloroethene	2.78	96	6159	0.184	ug/L	96
21) 2-Butanone	4.14	43	52361	6.252	ug/L #	55
22) cis-1,2-Dichloroethene	3.96	96	28006	0.794	ug/L #	91
25) Chloroform	4.42	83	13052	0.194	ug/L	86
27) 1,2-Dichloroethane	5.09	62	3810	0.101	ug/L	97
33) Benzene	5.14	78	52303	0.388	ug/L	100
34) Trichloroethene	5.96	95	22116	0.604	ug/L	97
37) 1,2-Dichloropropane	6.12	63	20421	0.605	ug/L #	90
42) Toluene	7.43	91	15444	0.110	ug/L	90
47) Tetrachloroethene	8.02	164	69081	2.198	ug/L	97
48) 2-Hexanone	8.19	43	29066	1.867	ug/L #	85
49) Dibromochloromethane	8.02	129	58433	2.000	ug/L #	12
53) m,p-xylene	9.19	106	4178	0.073	ug/L	87
63) 1,4-Dichlorobenzene	11.32	146	6558	0.098	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	4591	0.076	ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\

Quantitation Report (Not Reviewed)

Data File : VV013453.D
Acq On : 31 Oct 2019 18:37
Operator : SY/MD
Sample : K5597-12
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE1

Quant Time: Nov 01 05:35:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
67) 1,3,5-Trichlorobenzene	12.69	180	5237	0.099 ug/L #	95
68) 1,2,4-trichlorobenzene	13.31	180	7153	0.162 ug/L	98
69) Naphthalene	13.55	128	13582	0.210 ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	5332	0.131 ug/L	98

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

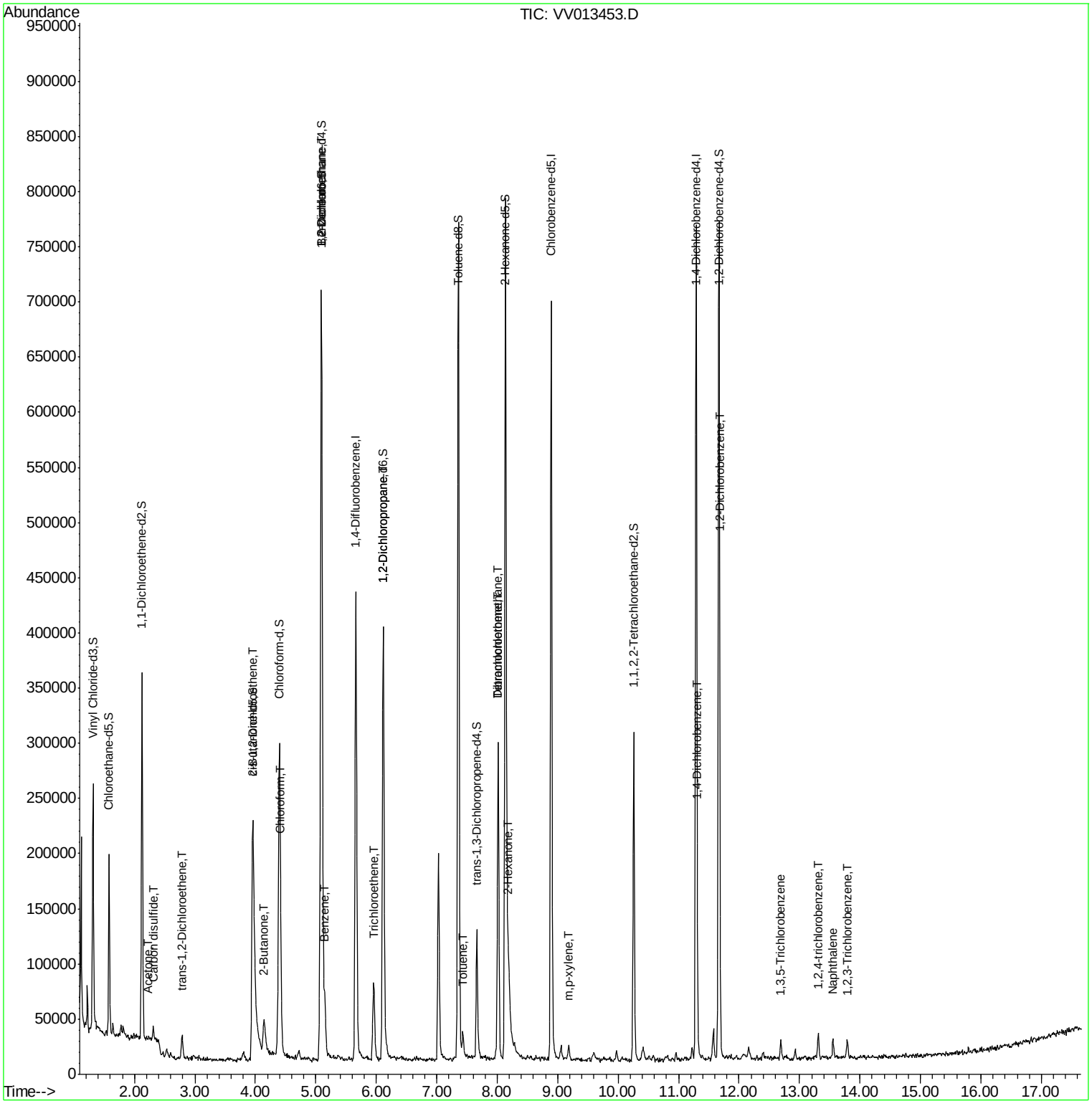
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\

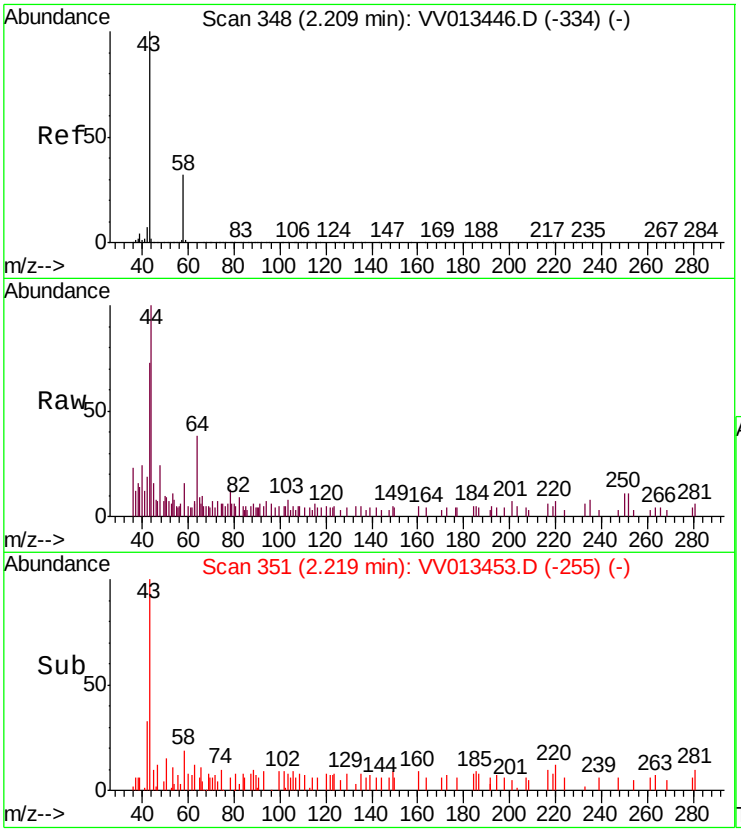
Quantitation Report (Not Reviewed)

Data File : VV013453.D
Acq On : 31 Oct 2019 18:37
Operator : SY/MD
Sample : K5597-12
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Quant Time: Nov 01 05:35:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration



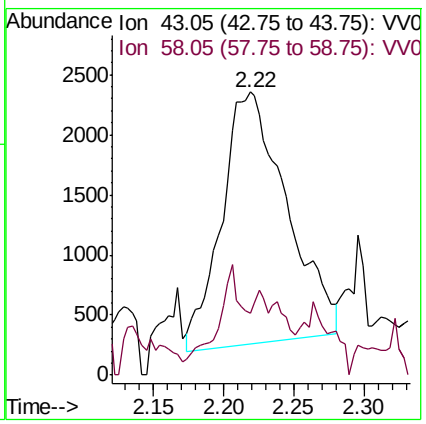


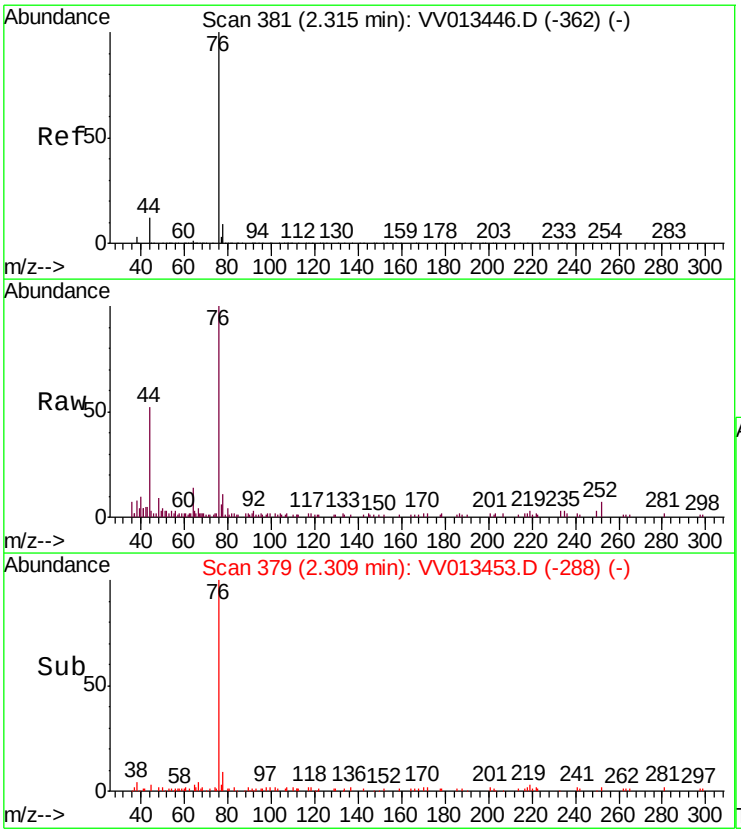
#13
Acetone
Concen: 1.825 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.01 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion: 43 Resp: 6766

Ion	Ratio	Lower	Upper
43	100		
58	1.3	0.0	58.0

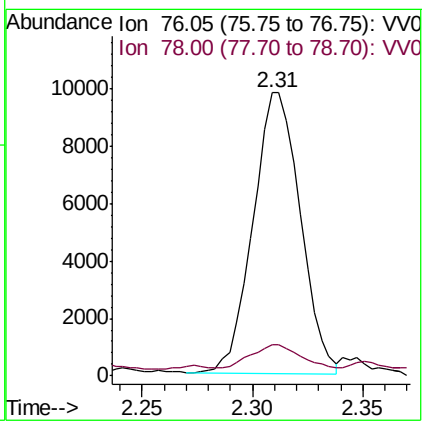


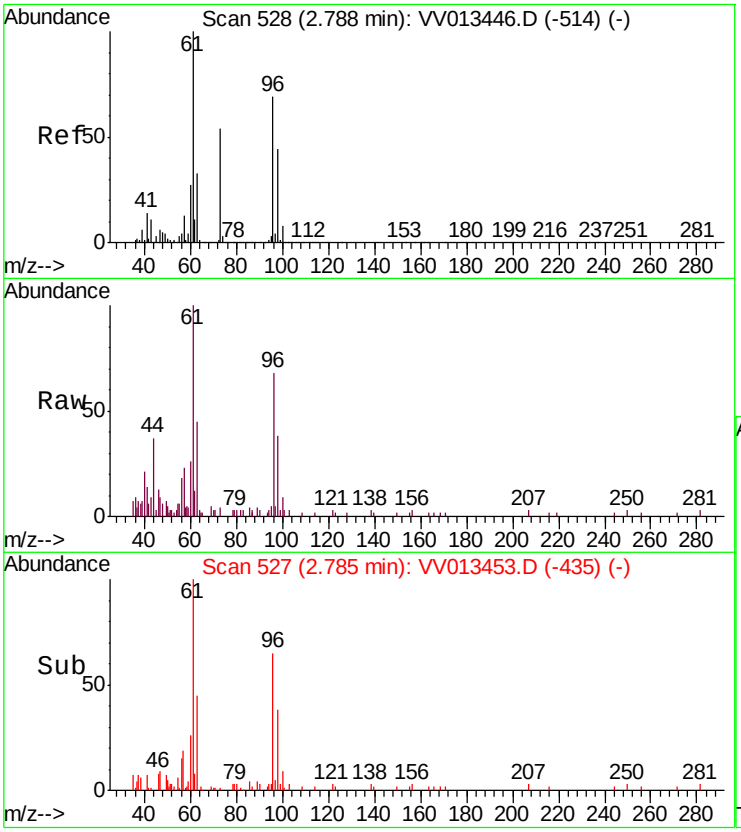


#14
Carbon disulfide
Concen: 0.185 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.01 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion: 76 Resp: 14539

Ion	Ratio	Lower	Upper
76	100		
78	11.1	7.4	11.0#



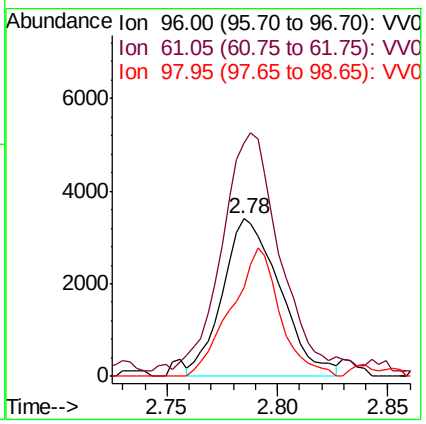


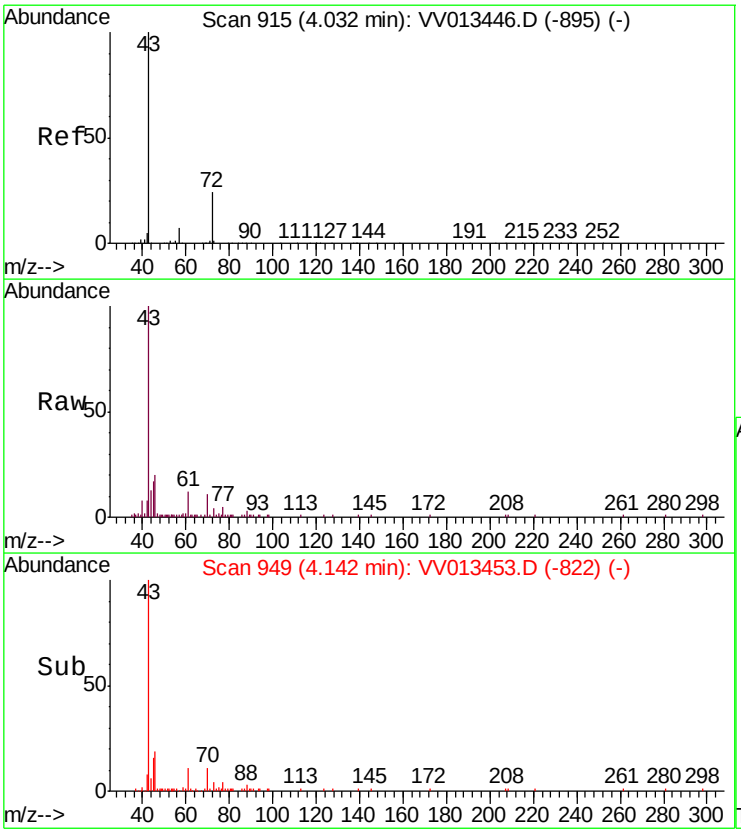
#18
trans-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument : MSVOA_V
ClientSampleId : GAQE1

Tgt Ion: 96 Resp: 6159

Ion	Ratio	Lower	Upper
96	100		
61	148.0	102.2	189.8
98	56.0	44.9	83.5

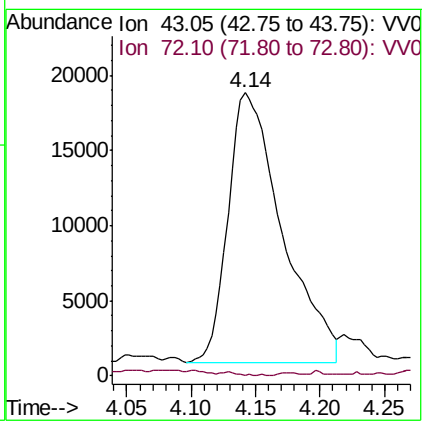


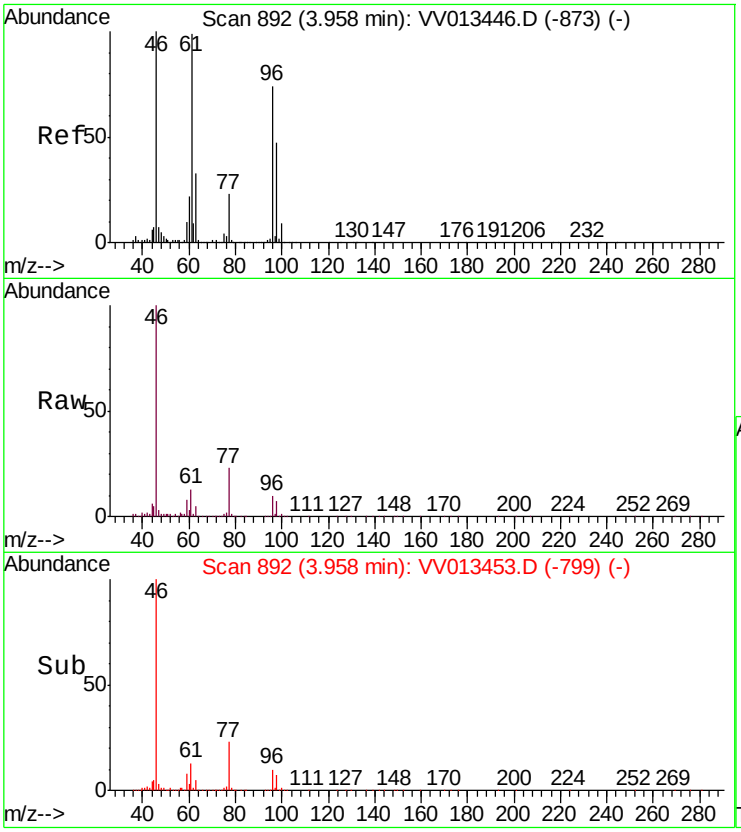


#21
2-Butanone
Concen: 6.252 ug/L
RT: 4.14 min Scan# 949
Delta R.T. 0.11 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion: 43 Resp: 52361

Ion	Ratio	Lower	Upper
43	100		
72	0.5	10.9	32.7#



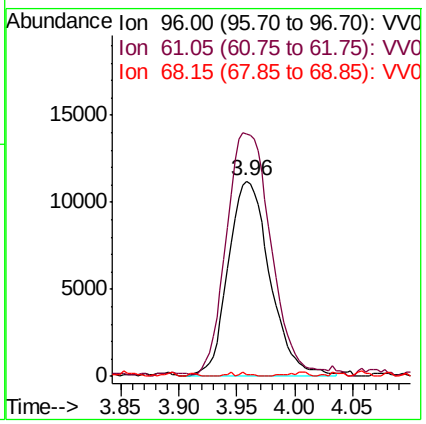


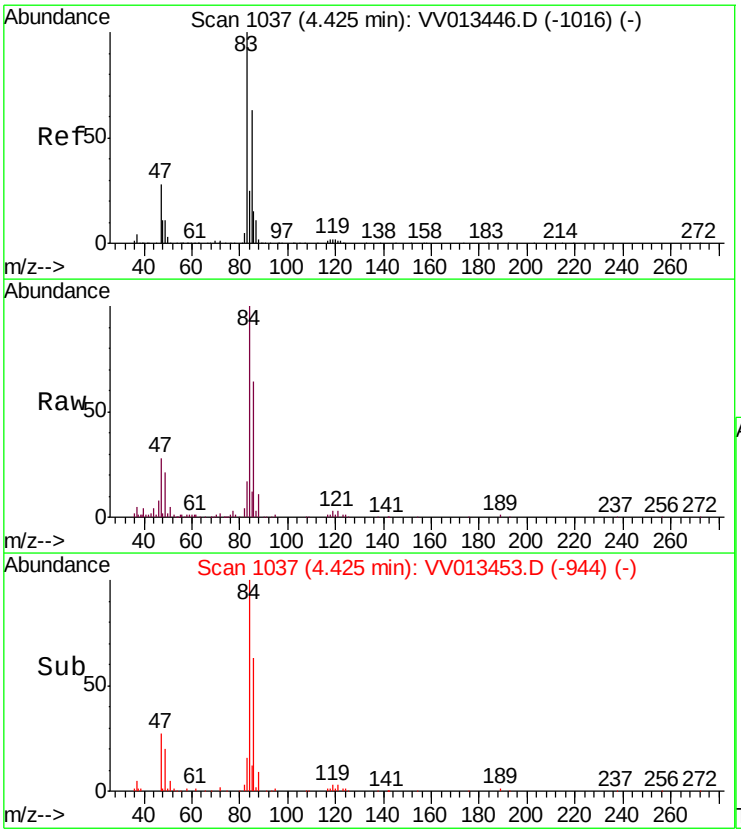
#22
cis-1,2-Dichloroethene
Concen: 0.794 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion: 96 Resp: 28006

Ion	Ratio	Lower	Upper
96	100		
61	124.2	94.2	175.0
68	1.0	0.1	0.3#

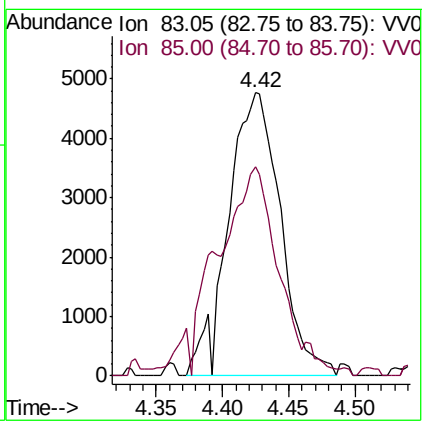


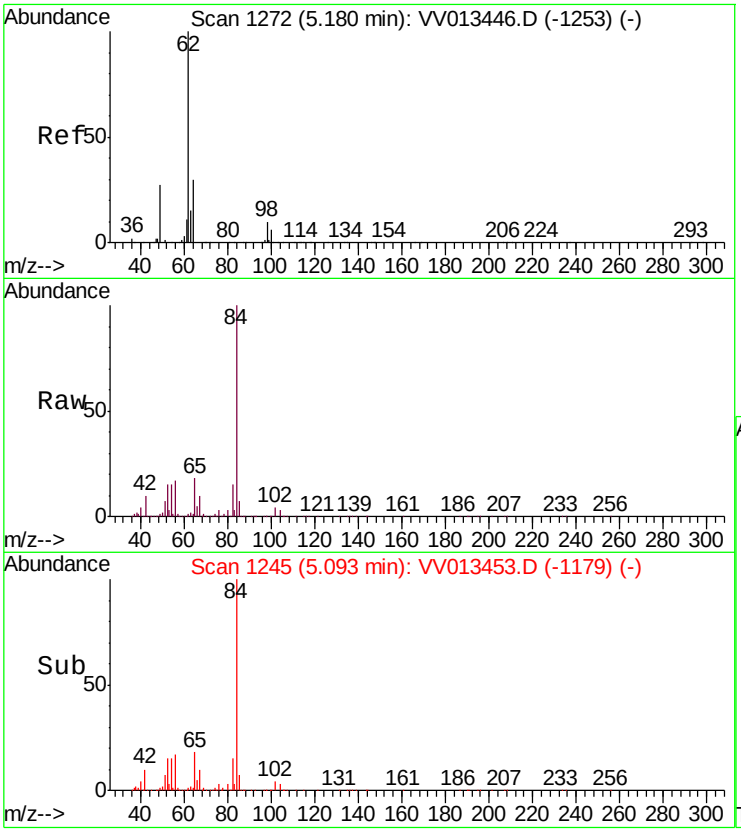


#25
Chloroform
Concen: 0.194 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion: 83 Resp: 13052

Ion	Ratio	Lower	Upper
83	100		
85	74.1	44.1	81.9



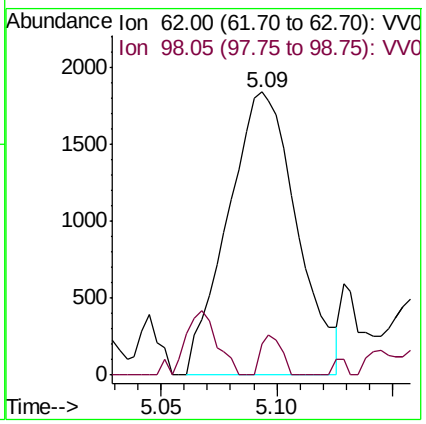


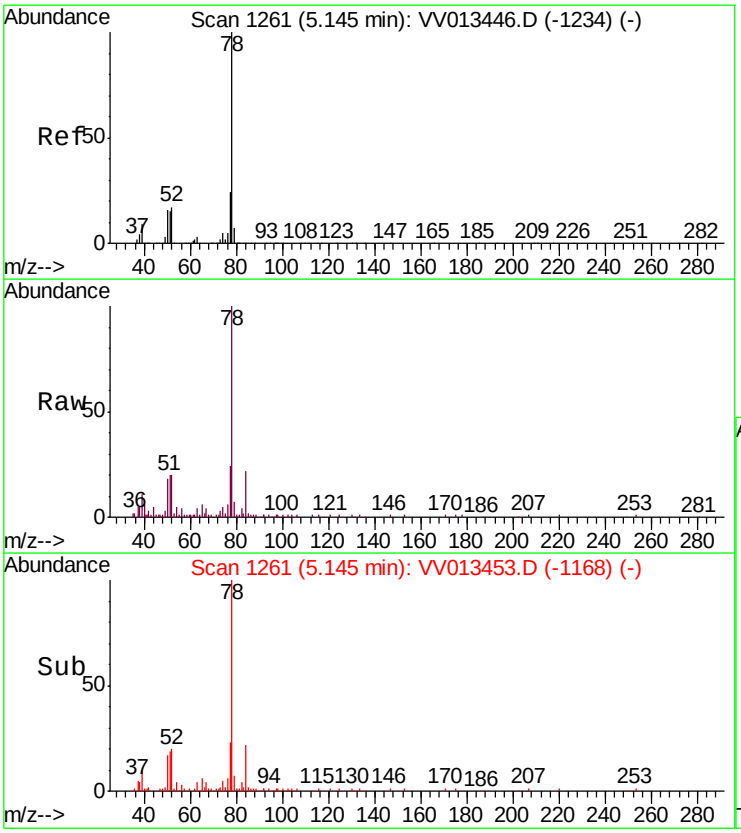
#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion: 62 Resp: 3810

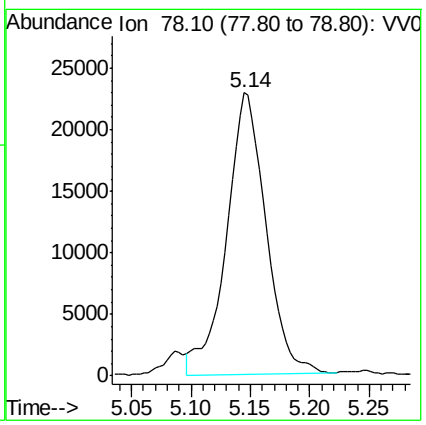
Ion	Ratio	Lower	Upper
62	100		
98	10.9	7.7	11.5

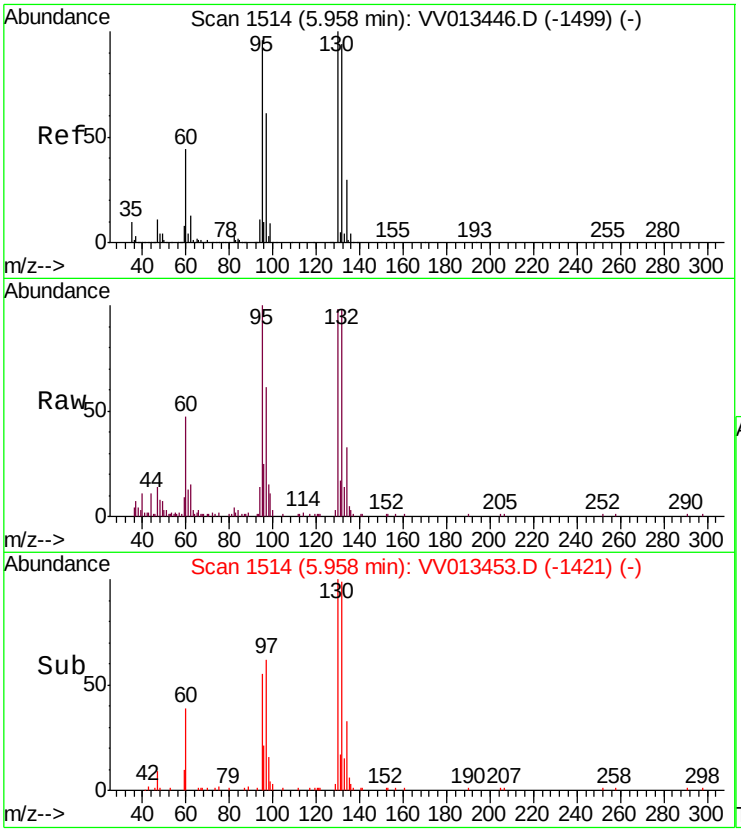




#33
Benzene
Concen: 0.388 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion: 78 Resp: 52303



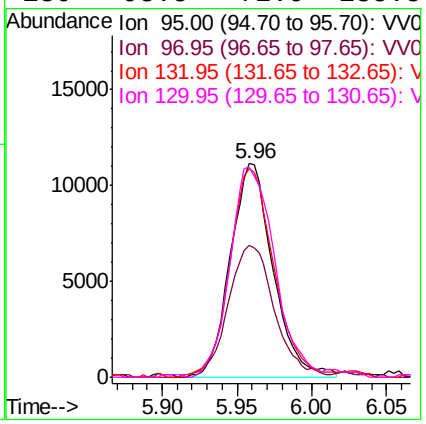


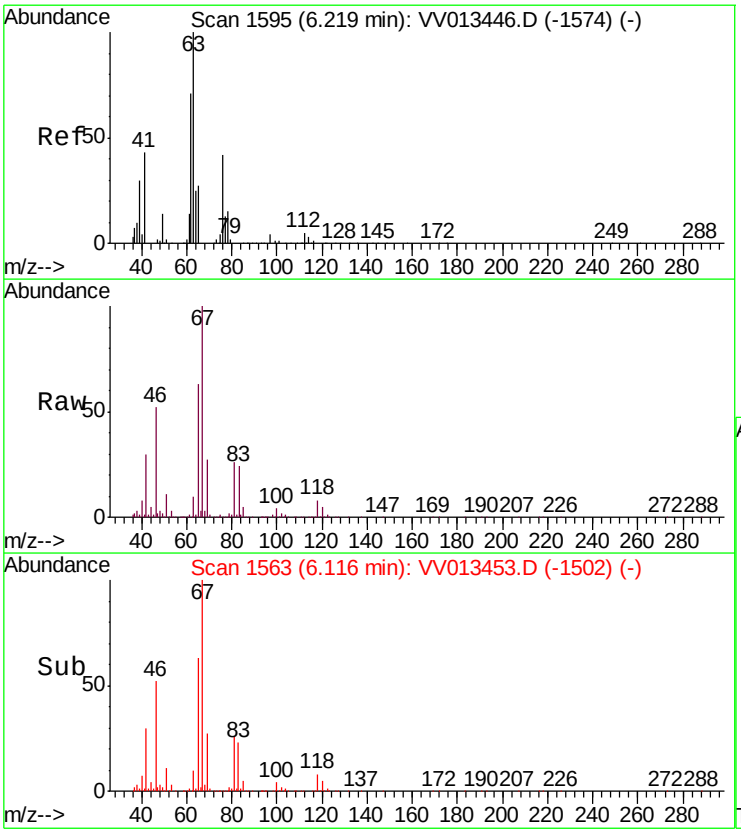
#34
Trichloroethene
Concen: 0.604 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion: 95 Resp: 22116

Ion	Ratio	Lower	Upper
95	100		
97	61.5	44.2	82.2
132	97.8	68.4	127.0
130	98.5	72.9	135.5

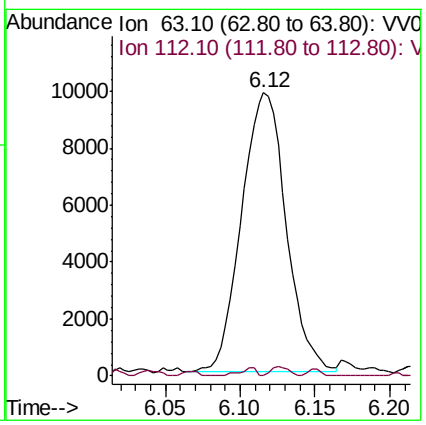


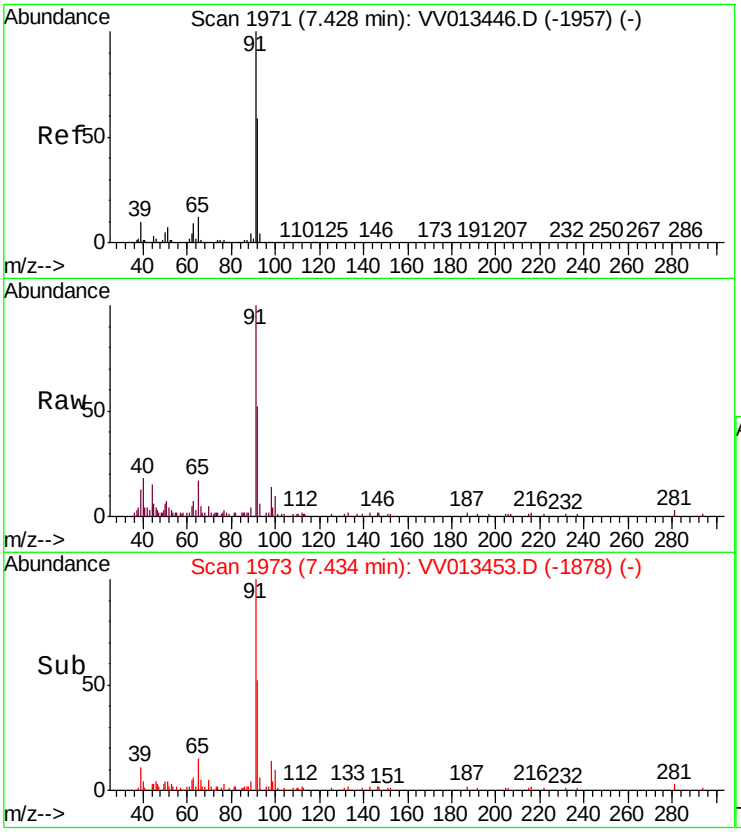


#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion: 63 Resp: 20421

Ion	Ratio	Lower	Upper
63	100		
112	1.3	3.8	5.8#



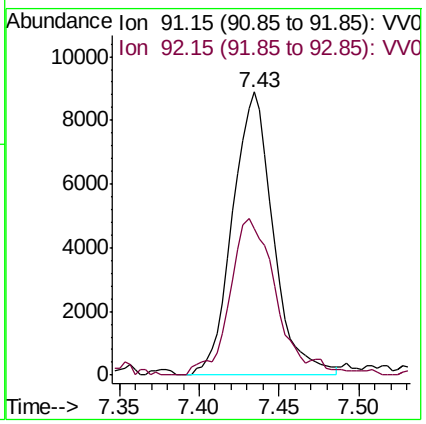


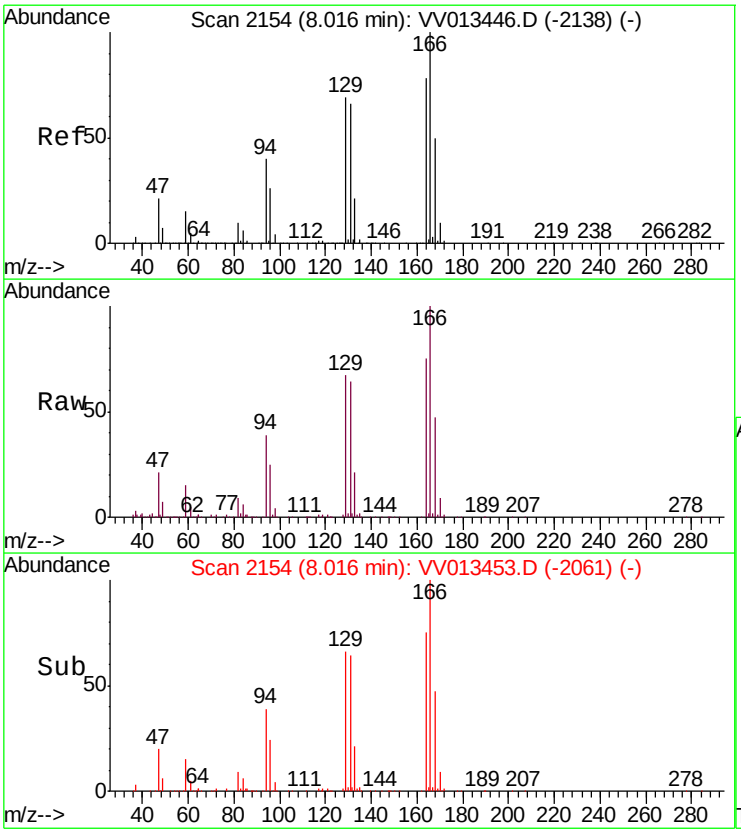
#42
Toluene
Concen: 0.110 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion: 91 Resp: 15444

Ion	Ratio	Lower	Upper
91	100		
92	51.5	41.5	77.1

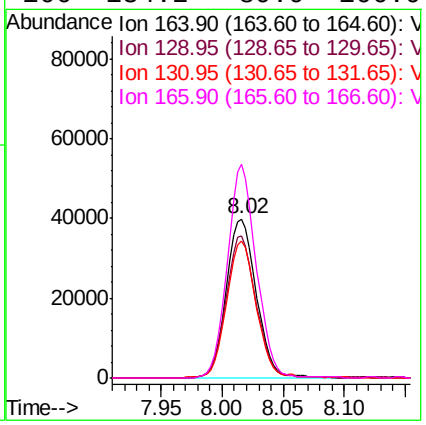


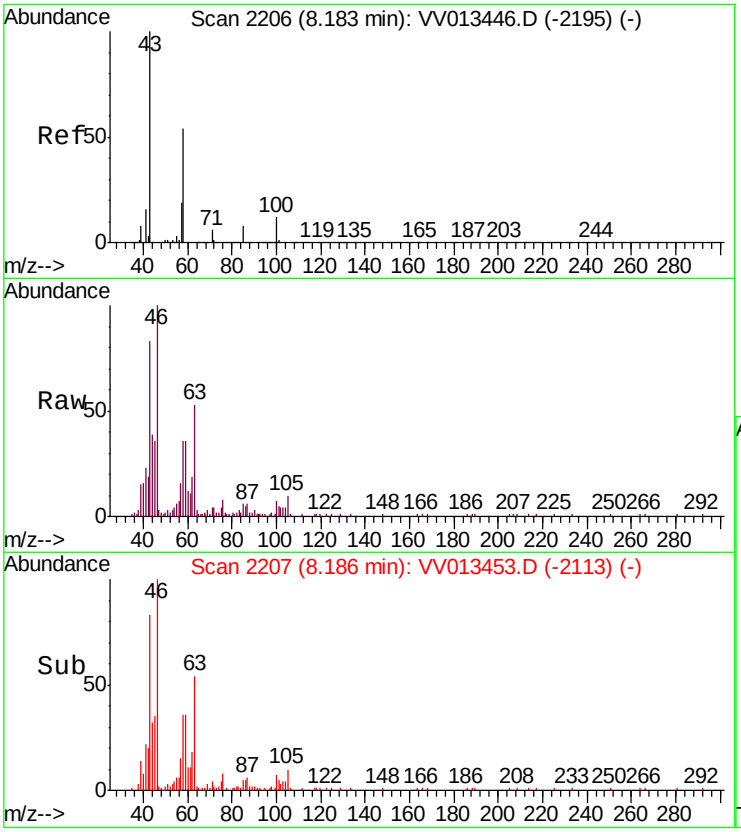


#47
Tetrachloroethene
Concen: 2.198 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion:164 Resp: 69081

Ion	Ratio	Lower	Upper
164	100		
129	89.4	61.7	114.5
131	86.3	59.4	110.2
166	134.2	89.9	166.9



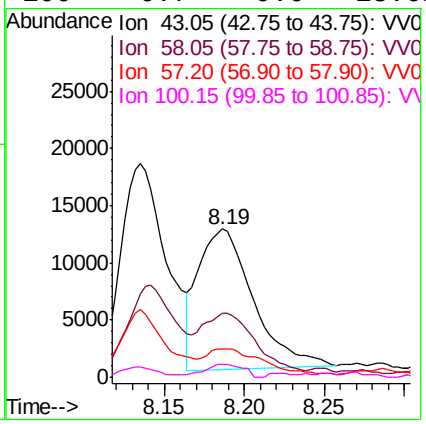


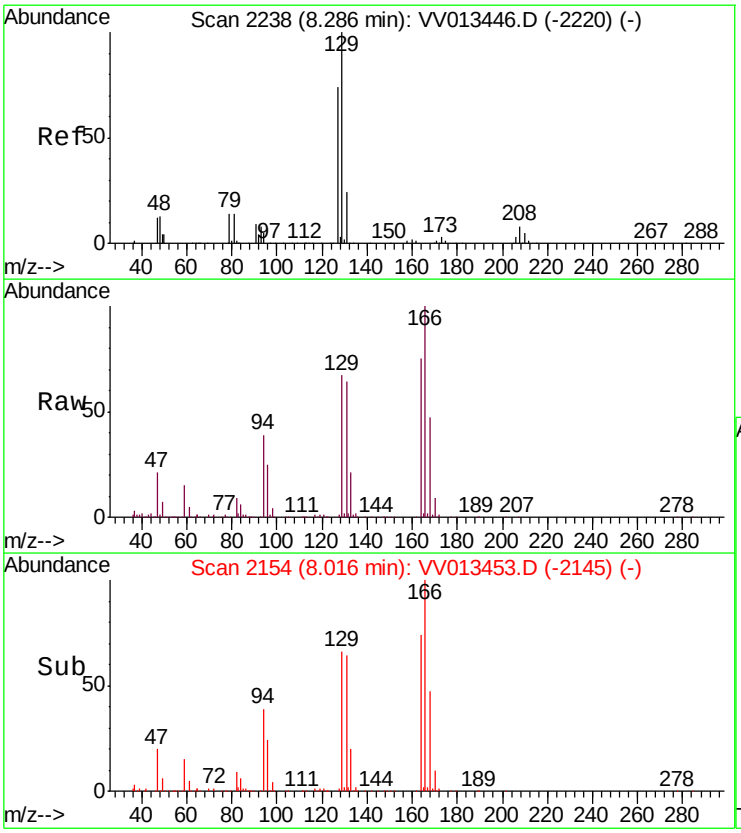
#48
2-Hexanone
Concen: 1.867 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument : MSVOA_V
ClientSampleId : GAQE1

Tgt Ion: 43 Resp: 29066

Ion	Ratio	Lower	Upper
43	100		
58	39.3	42.2	63.4#
57	20.5	14.9	22.3
100	6.7	9.0	13.6#

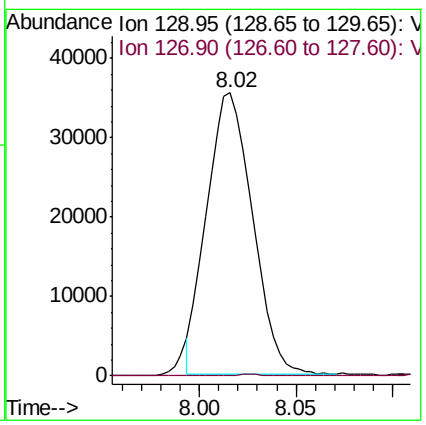


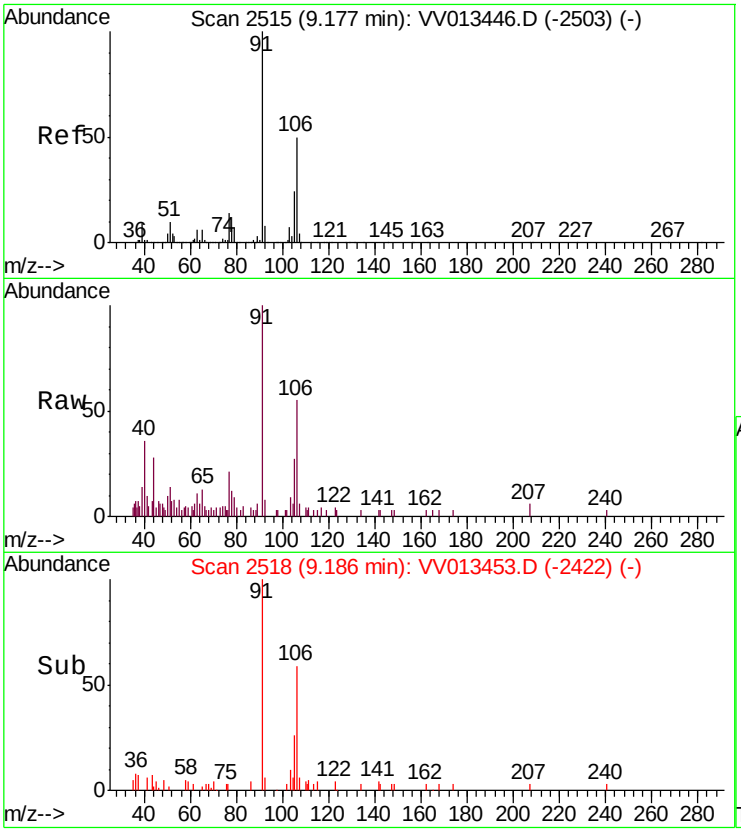


#49
Dibromochloromethane
Concen: 2.000 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion:129 Resp: 58433

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.7#



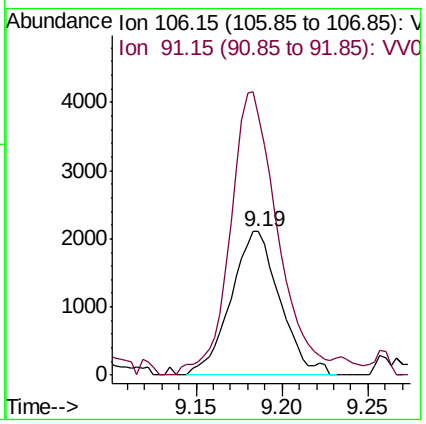


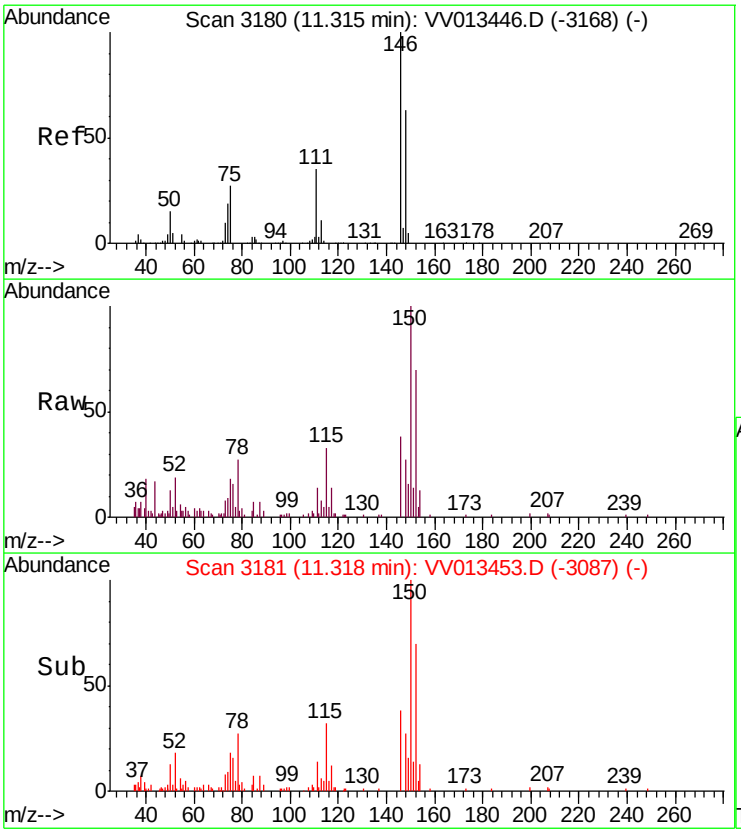
#53
m,p-xylene
Concen: 0.073 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.01 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion:106 Resp: 4178

Ion	Ratio	Lower	Upper
106	100		
91	181.8	141.5	262.7

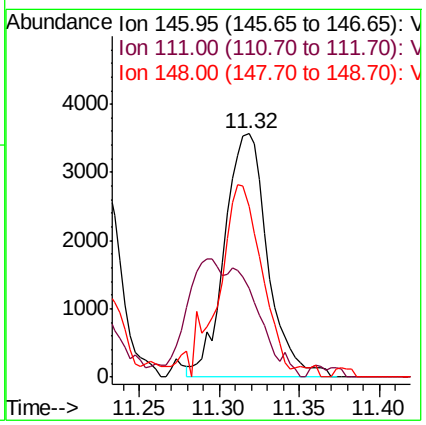


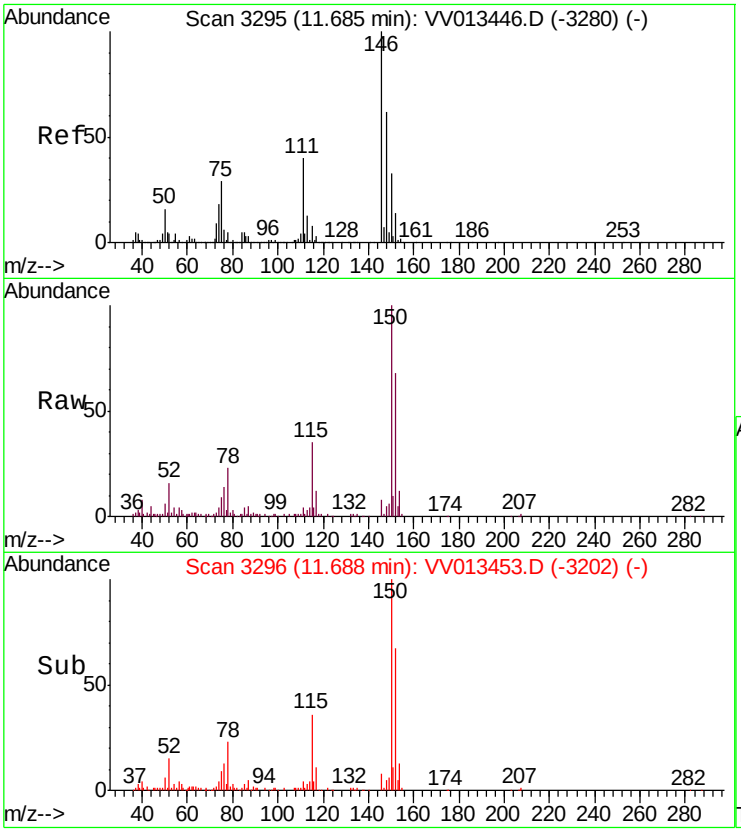


#63
1,4-Dichlorobenzene
Concen: 0.098 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion:146 Resp: 6558

Ion	Ratio	Lower	Upper
146	100		
111	36.6	24.7	45.9
148	70.0	44.2	82.0



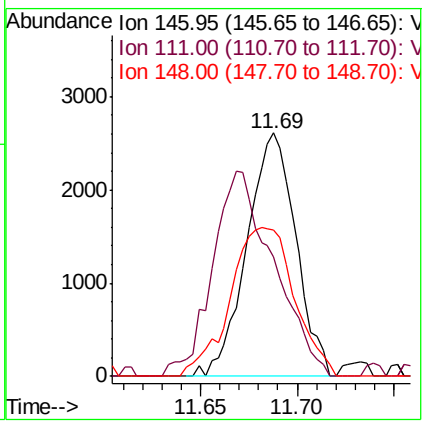


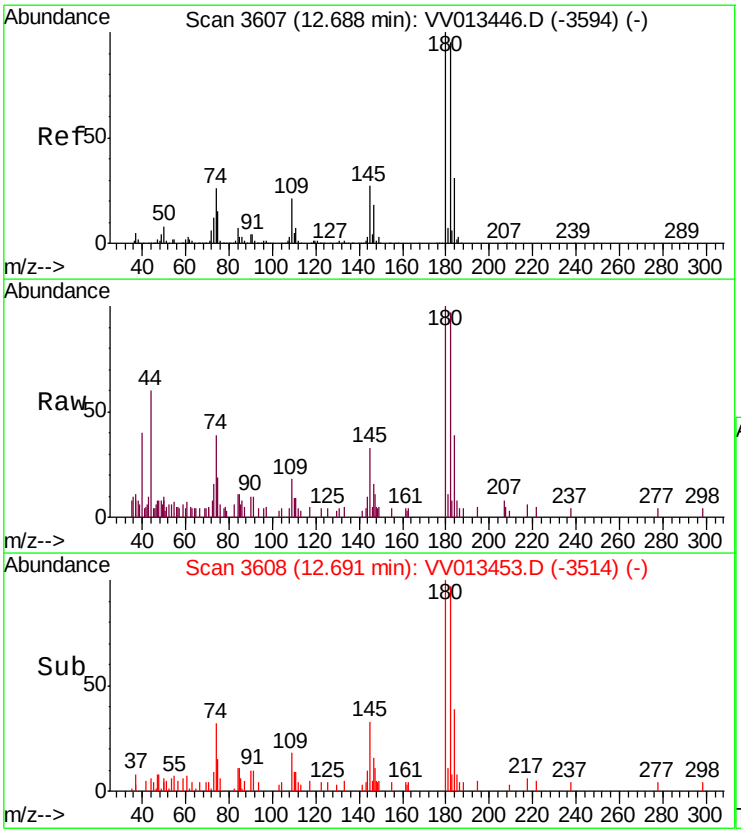
#65
1,2-Dichlorobenzene
Concen: 0.076 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion:146 Resp: 4591

Ion	Ratio	Lower	Upper
146	100		
111	58.9	31.8	47.6#
148	60.3	49.5	74.3

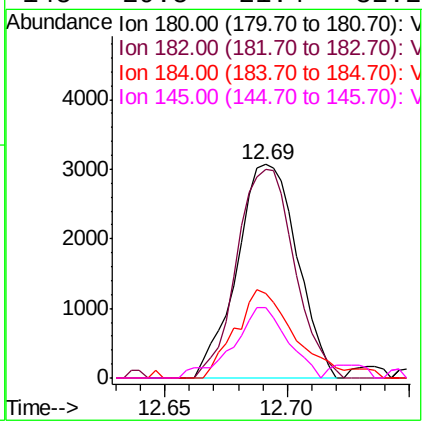


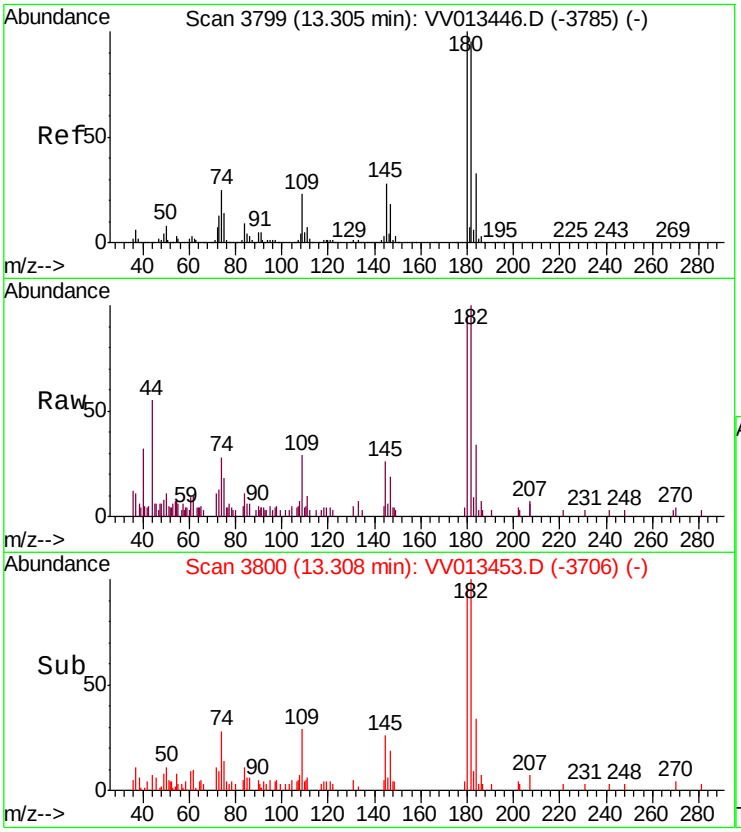


#67
1,3,5-Trichlorobenzene
Concen: 0.099 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion:180 Resp: 5237

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.1	114.1
184	40.1	24.5	36.7#
145	29.5	21.4	32.2



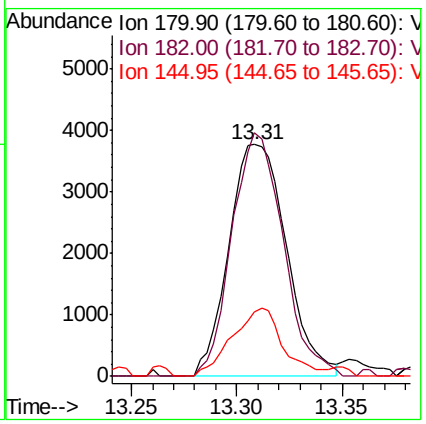


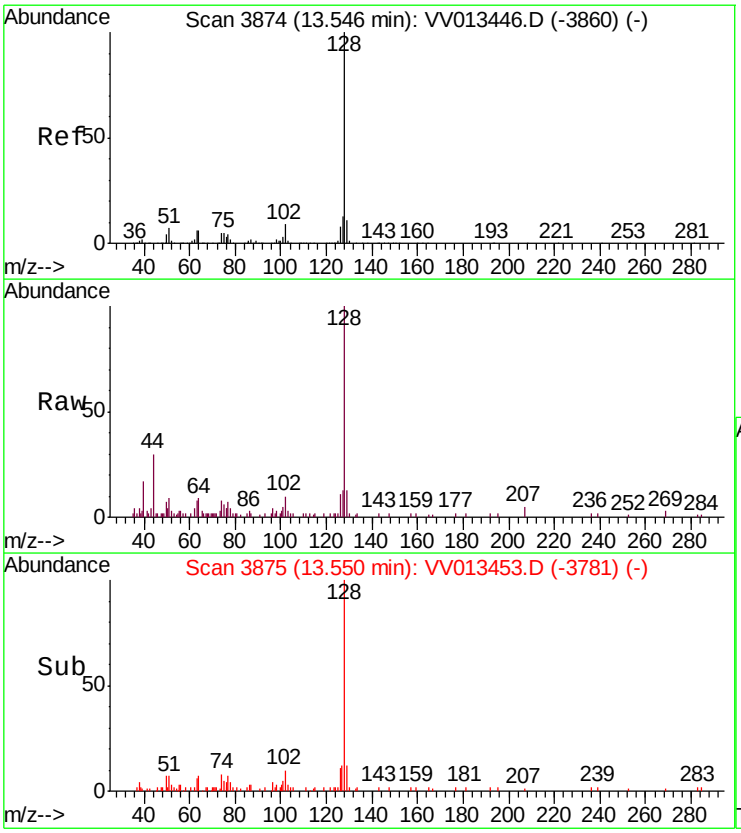
#68
1,2,4-trichlorobenzene
Concen: 0.162 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion:180 Resp: 7153

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.1	114.1
145	26.0	22.1	33.1

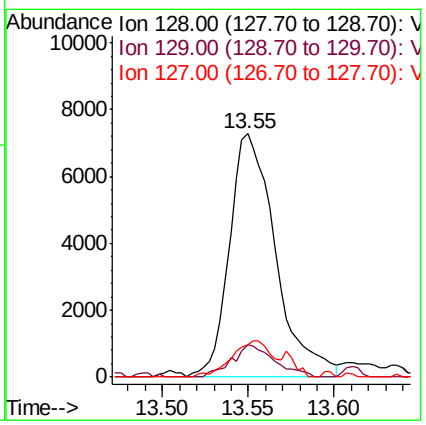


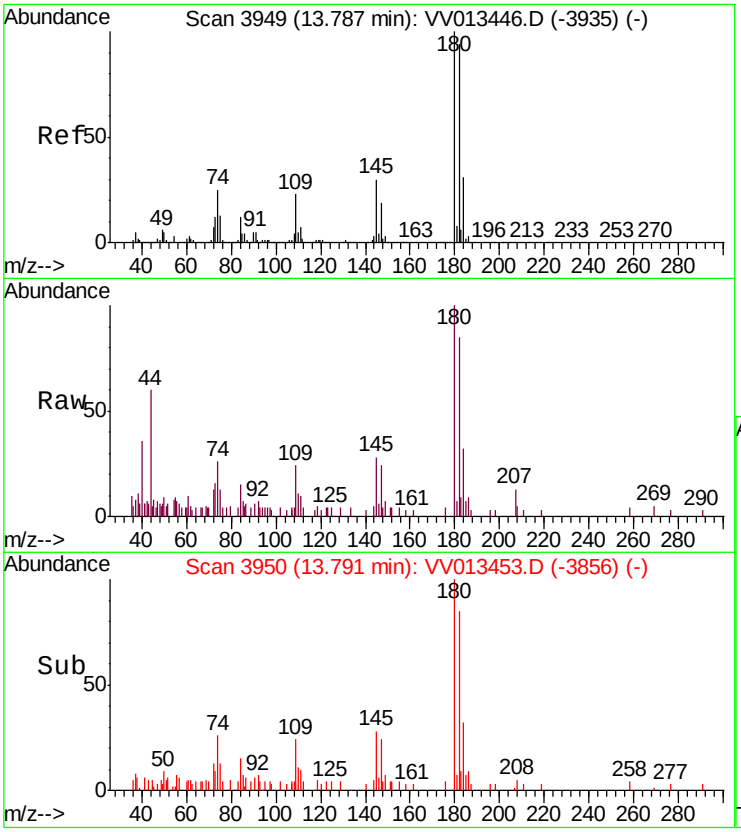


#69
Naphthalene
Concen: 0.210 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Tgt Ion:128 Resp: 13582

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.4	12.6
127	13.2	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 0.131 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013453.D
Acq: 31 Oct 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tgt Ion:180 Resp: 5332

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.4	116.2
145	31.9	24.1	36.1