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

Quantitation Report (Not Reviewed)

Data File : VV013454.D
Acq On : 31 Oct 2019 19:01
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE8

Quant Time: Nov 01 05:36:08 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	336964	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	356366	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187648	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	117688	4.75	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%				
7) Chloroethane-d5	1.58	69	100729	4.87	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%				
11) 1,1-Dichloroethene-d2	2.13	63	152658	3.44	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%				
20) 2-Butanone-d5	3.96	46	424723	55.20	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.40%				
24) Chloroform-d	4.40	84	268129	4.50	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%				
26) 1,2-Dichloroethane-d4	5.08	65	152574	4.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%				
32) Benzene-d6	5.10	84	545655	4.63	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%				
36) 1,2-Dichloropropane-d6	6.12	67	179048	4.84	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%				
41) Toluene-d8	7.36	98	444995	4.06	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%				
43) trans-1,3-Dichloropropene-	7.66	79	55592	3.75	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%				
46) 2-Hexanone-d5	8.14	63	241938	44.38	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.76%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	130978	4.61	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%				
64) 1,2-Dichlorobenzene-d4	11.67	152	186485	4.89	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%				
Target Compounds							Qvalue
13) Acetone	2.23	43	7138	2.048	ug/L		75
14) Carbon disulfide	2.31	76	6132	0.083	ug/L	#	81
25) Chloroform	4.42	83	17132	0.271	ug/L		96
30) Cyclohexane	4.72	56	5621	0.103	ug/L	#	93
33) Benzene	5.15	78	20879	0.165	ug/L		100
34) Trichloroethene	5.96	95	5734	0.167	ug/L		90
37) 1,2-Dichloropropane	6.12	63	19728	0.622	ug/L	#	87
42) Toluene	7.43	91	8019	0.061	ug/L		85
47) Tetrachloroethene	8.02	164	66352	2.246	ug/L		98
48) 2-Hexanone	8.18	43	28023	1.914	ug/L	#	92
49) Dibromochloromethane	8.02	129	55650	2.026	ug/L	#	13
51) Chlorobenzene	8.92	112	4415	0.052	ug/L		86
53) m,p-xylene	9.18	106	6235	0.116	ug/L		90
63) 1,4-Dichlorobenzene	11.32	146	6167	0.100	ug/L		91
67) 1,3,5-Trichlorobenzene	12.69	180	3845	0.079	ug/L	#	91
68) 1,2,4-trichlorobenzene	13.31	180	4454	0.109	ug/L	#	86
69) Naphthalene	13.55	128	17501	0.293	ug/L	#	93

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

Quantitation Report (Not Reviewed)

Data File : VV013454.D
Acq On : 31 Oct 2019 19:01
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE8

Quant Time: Nov 01 05:36:08 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)
70) 1,2,3-Trichlorobenzene	13.79	180	3025	0.081	ug/L	91

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

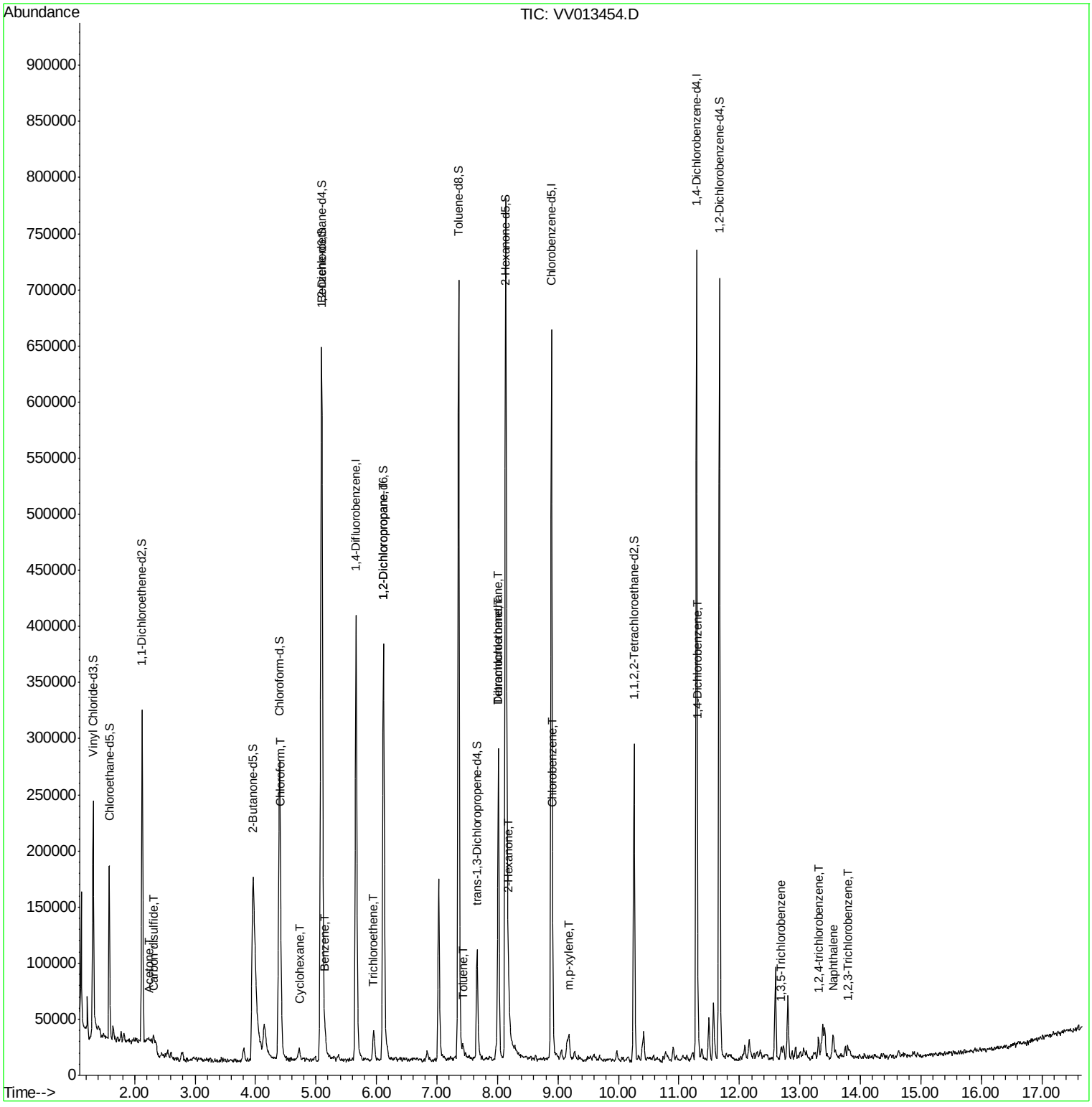
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\

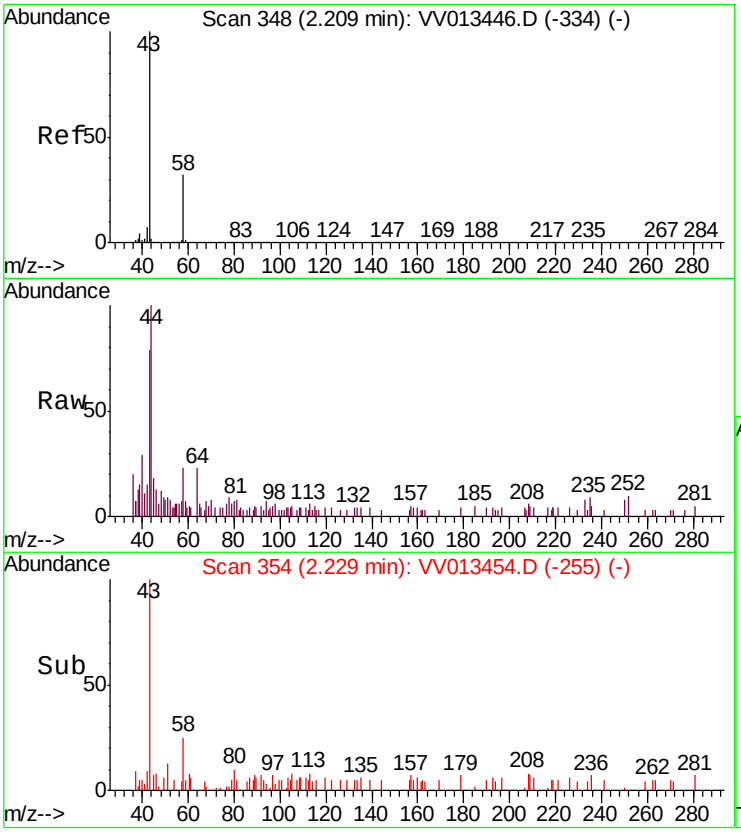
Quantitation Report (Not Reviewed)

Data File : VV013454.D
Acq On : 31 Oct 2019 19:01
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Quant Time: Nov 01 05:36:08 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



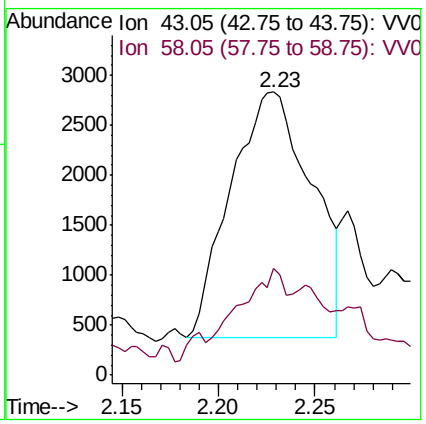


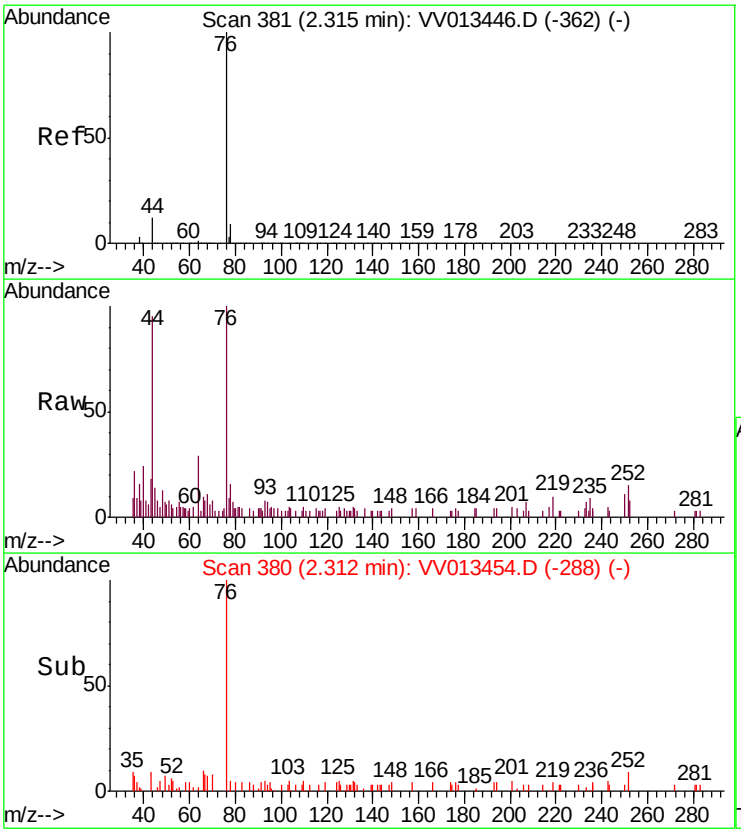
#13
Acetone
Concen: 2.048 ug/L
RT: 2.23 min Scan# 354
Delta R.T. 0.02 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument : MSVOA_V
ClientSampleId : GAQE8

Tgt Ion: 43 Resp: 7138

Ion	Ratio	Lower	Upper
43	100		
58	15.9	0.0	58.0

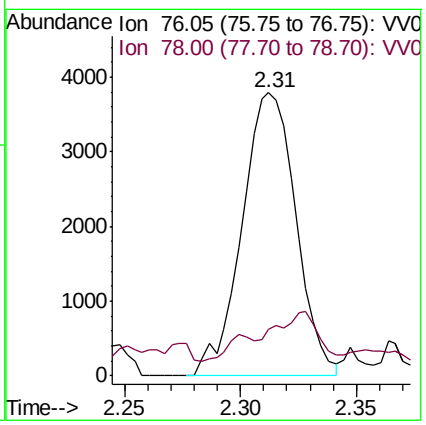


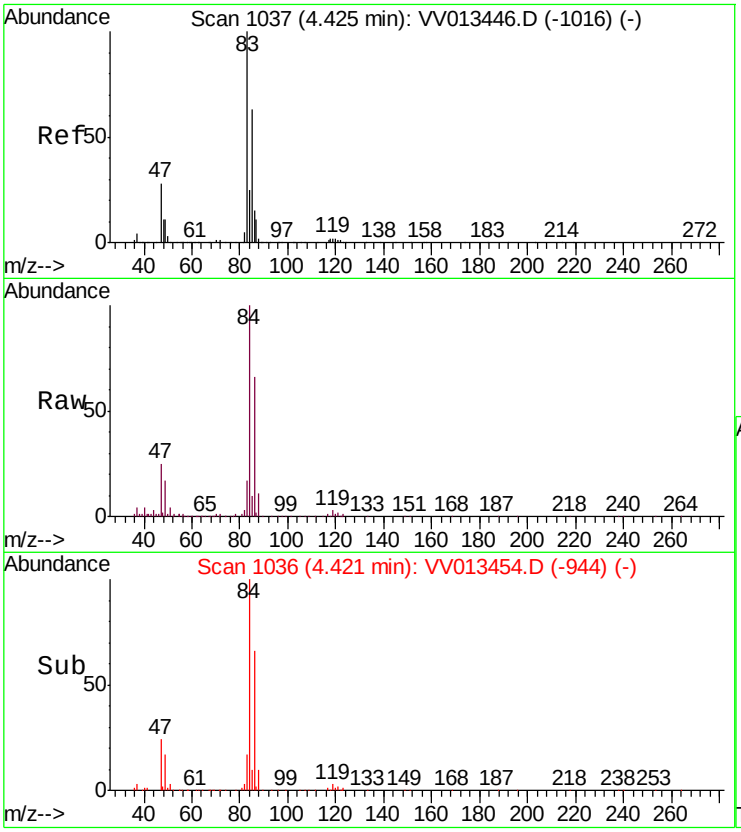


#14
Carbon disulfide
Concen: 0.083 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion: 76 Resp: 6132

Ion	Ratio	Lower	Upper
76	100		
78	16.3	7.4	11.0#



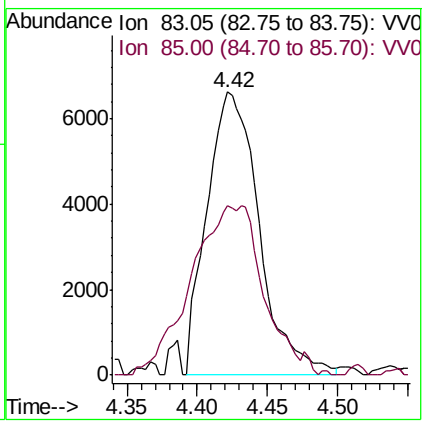


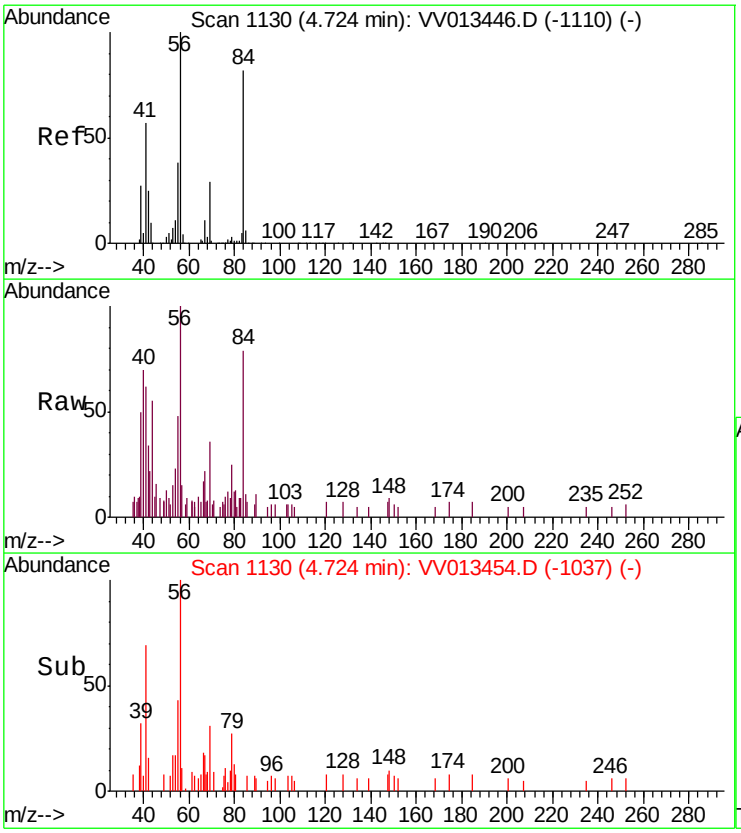
#25
Chloroform
Concen: 0.271 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Tgt Ion: 83 Resp: 17132

Ion	Ratio	Lower	Upper
83	100		
85	59.8	44.1	81.9

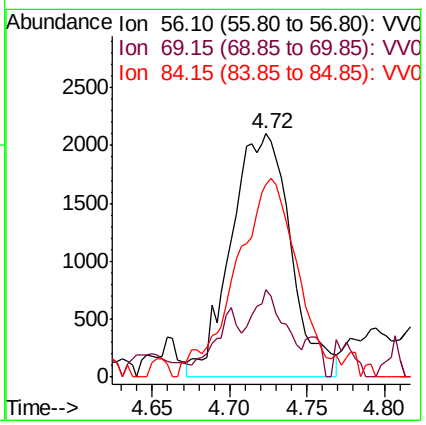


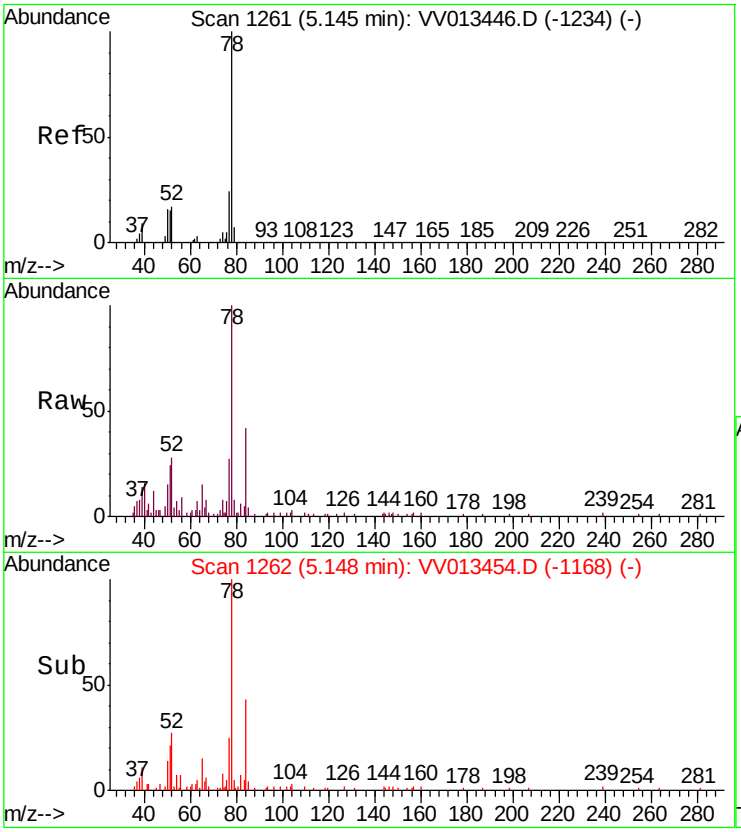


#30
Cyclohexane
Concen: 0.103 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion: 56 Resp: 5621

Ion	Ratio	Lower	Upper
56	100		
69	15.1	23.0	34.6#
84	84.2	66.6	100.0

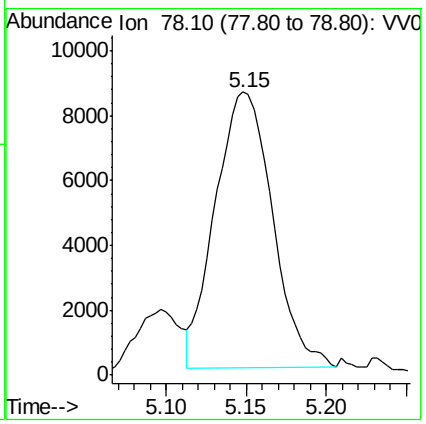


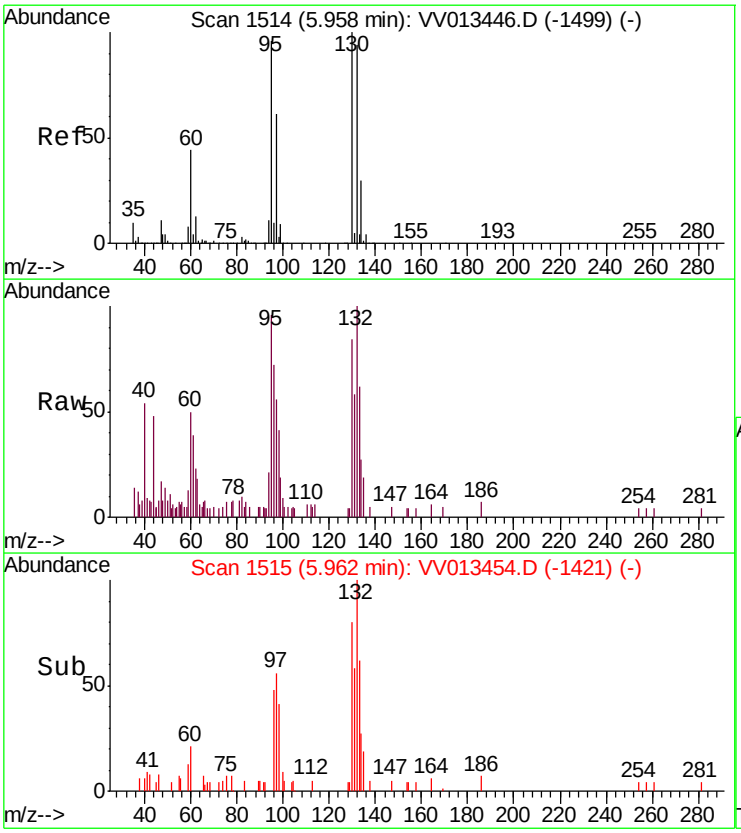


#33
Benzene
Concen: 0.165 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Tgt Ion: 78 Resp: 20879

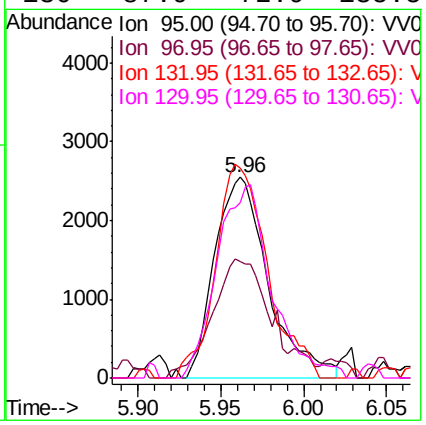


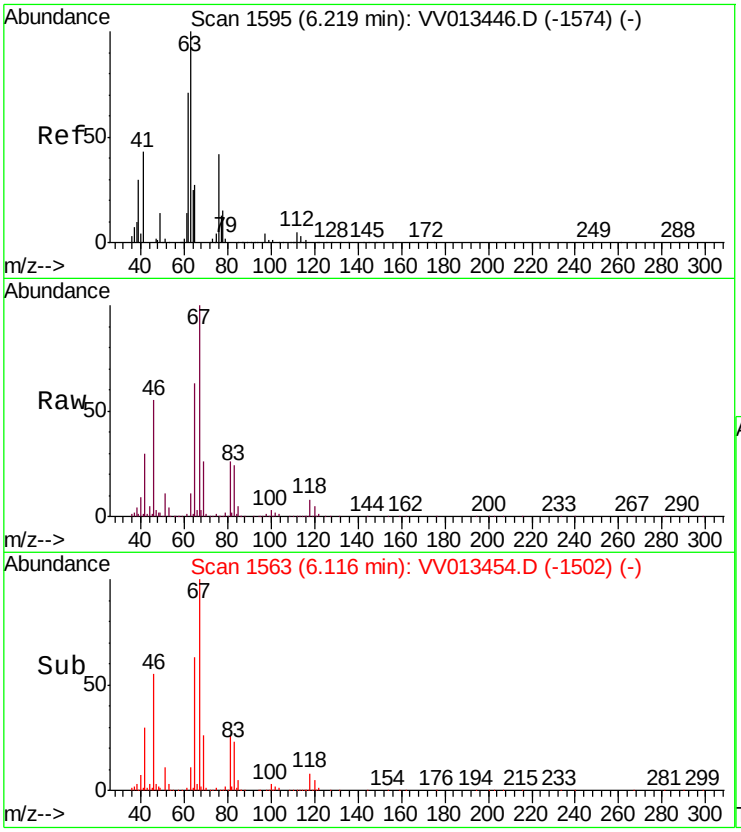


#34
Trichloroethene
Concen: 0.167 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion: 95 Resp: 5734

Ion	Ratio	Lower	Upper
95	100		
97	58.1	44.2	82.2
132	104.6	68.4	127.0
130	87.9	72.9	135.5



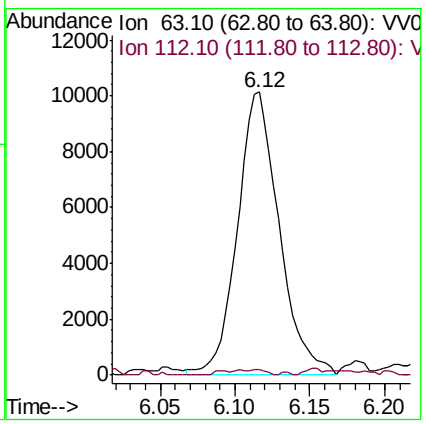


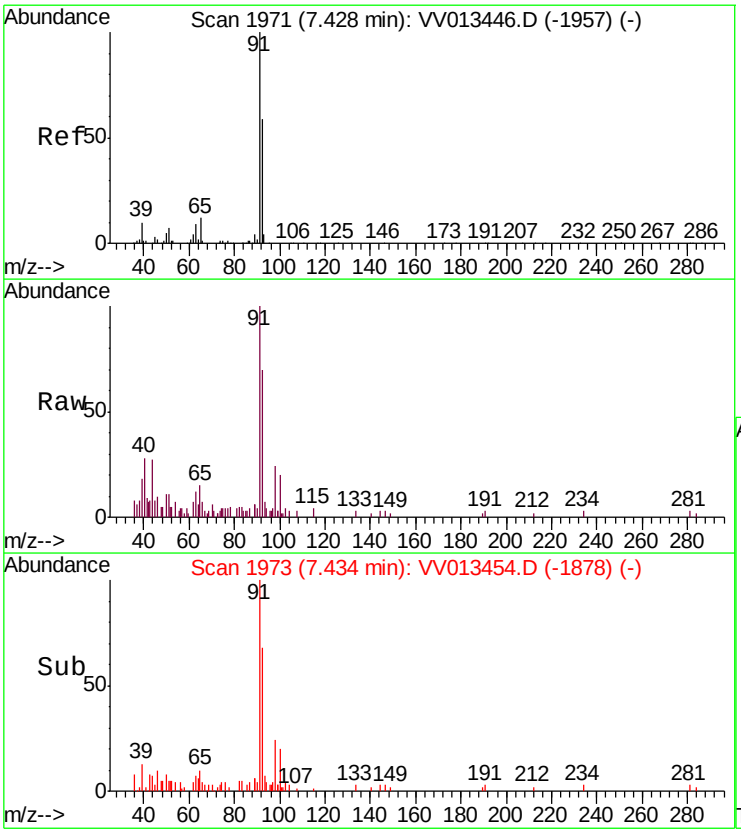
#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument : MSVOA_V
ClientSampleId : GAQE8

Tgt Ion: 63 Resp: 19728

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#

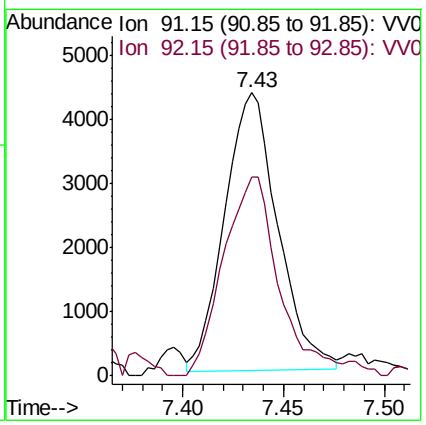


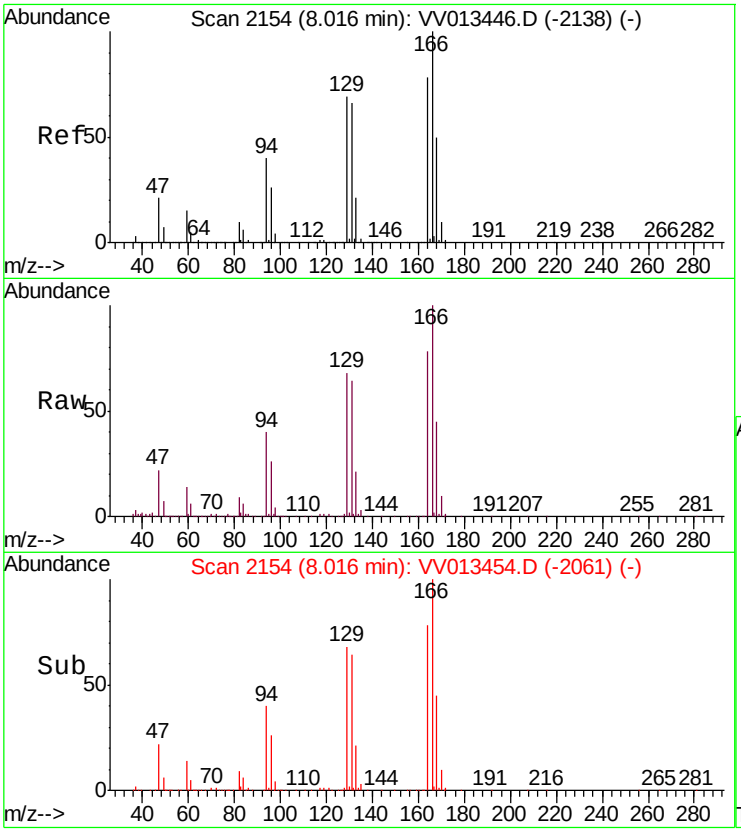


#42
Toluene
Concen: 0.061 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion: 91 Resp: 8019

Ion	Ratio	Lower	Upper
91	100		
92	70.3	41.5	77.1



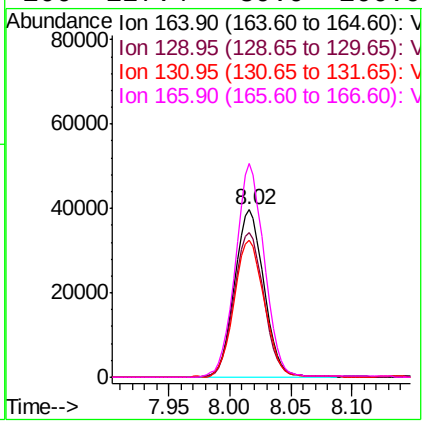


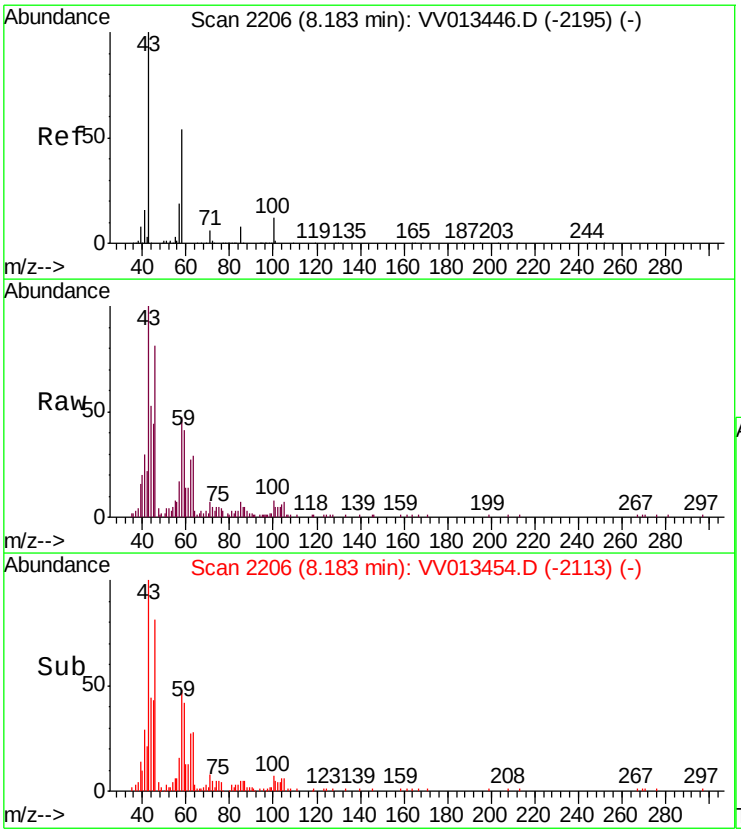
#47
Tetrachloroethene
Concen: 2.246 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Tgt Ion:164 Resp: 66352

Ion	Ratio	Lower	Upper
164	100		
129	86.6	61.7	114.5
131	82.0	59.4	110.2
166	127.4	89.9	166.9

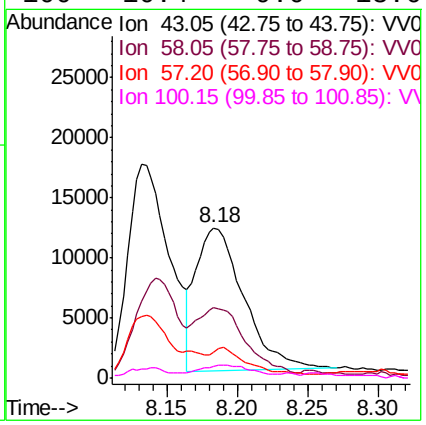


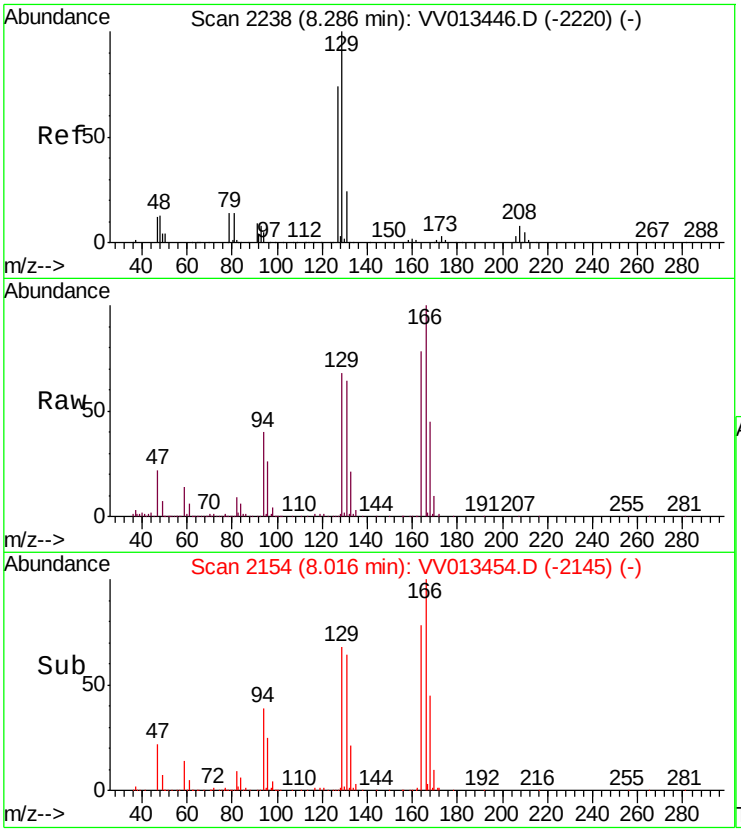


#48
2-Hexanone
Concen: 1.914 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion: 43 Resp: 28023

Ion	Ratio	Lower	Upper
43	100		
58	48.9	42.2	63.4
57	10.5	14.9	22.3#
100	10.4	9.0	13.6



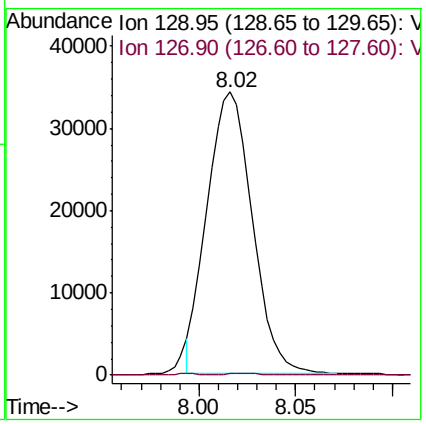


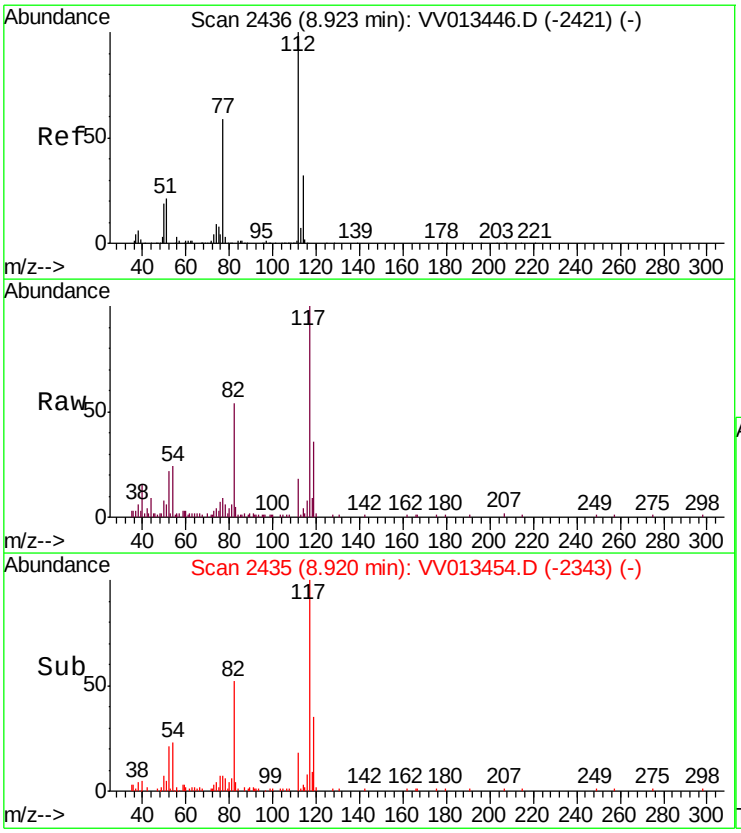
#49
Dibromochloromethane
Concen: 2.026 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument : MSVOA_V
ClientSampleId : GAQE8

Tgt Ion:129 Resp: 55650

Ion	Ratio	Lower	Upper
129	100		
127	0.4	52.1	96.7#

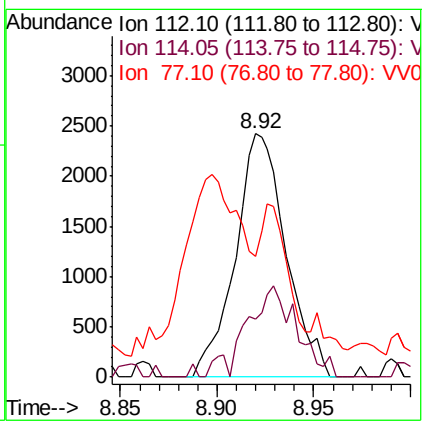


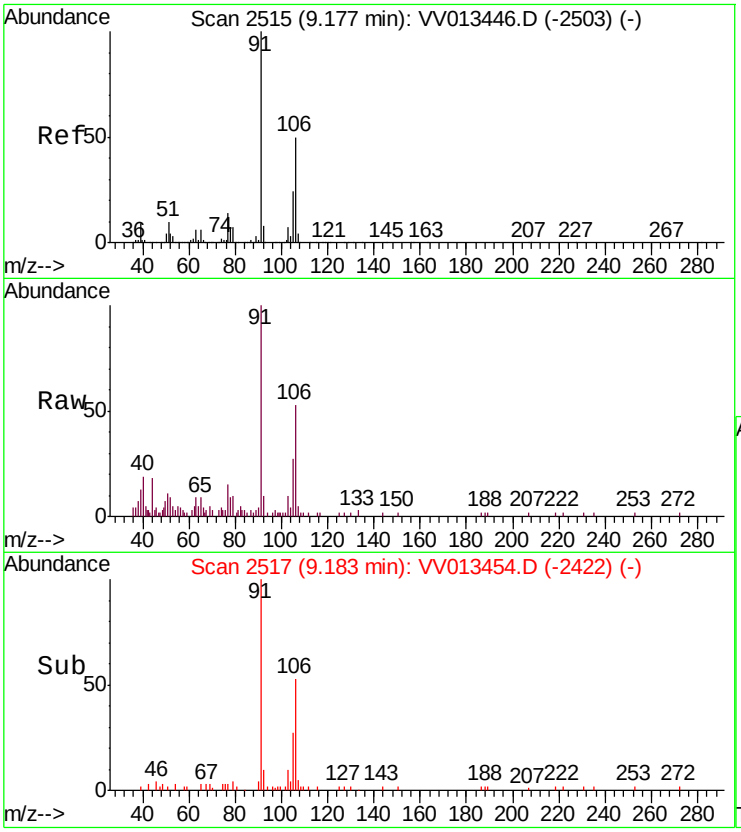


#51
Chlorobenzene
Concen: 0.052 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion:112 Resp: 4415

Ion	Ratio	Lower	Upper
112	100		
114	24.0	22.5	41.7
77	49.4	47.3	70.9



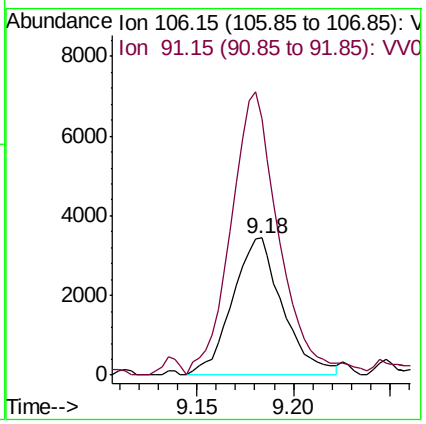


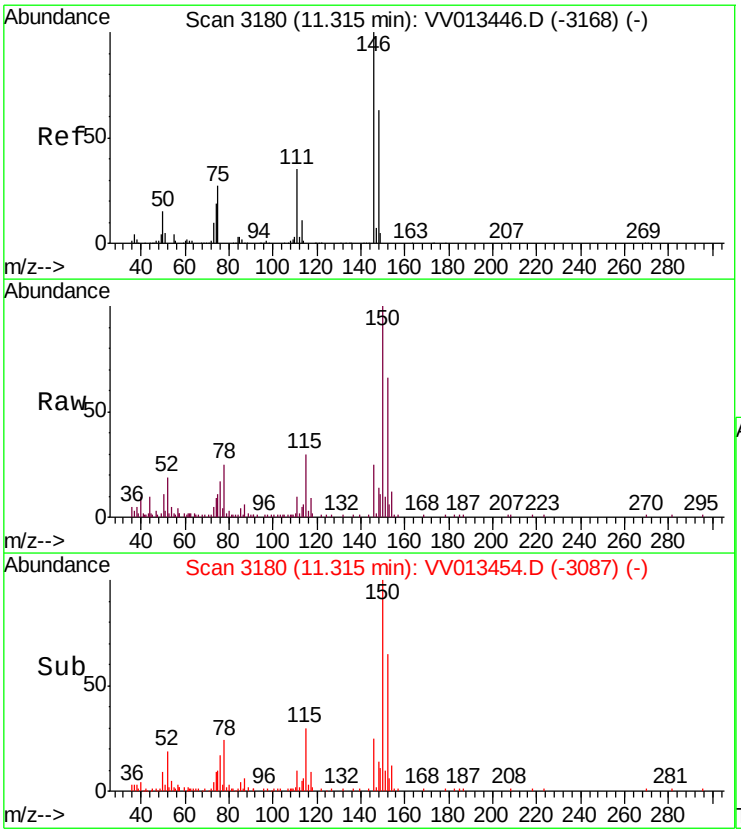
#53
m,p-xylene
Concen: 0.116 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Tgt Ion:106 Resp: 6235

Ion	Ratio	Lower	Upper
106	100		
91	187.6	141.5	262.7

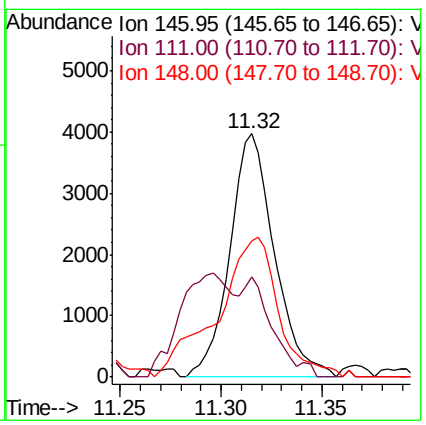


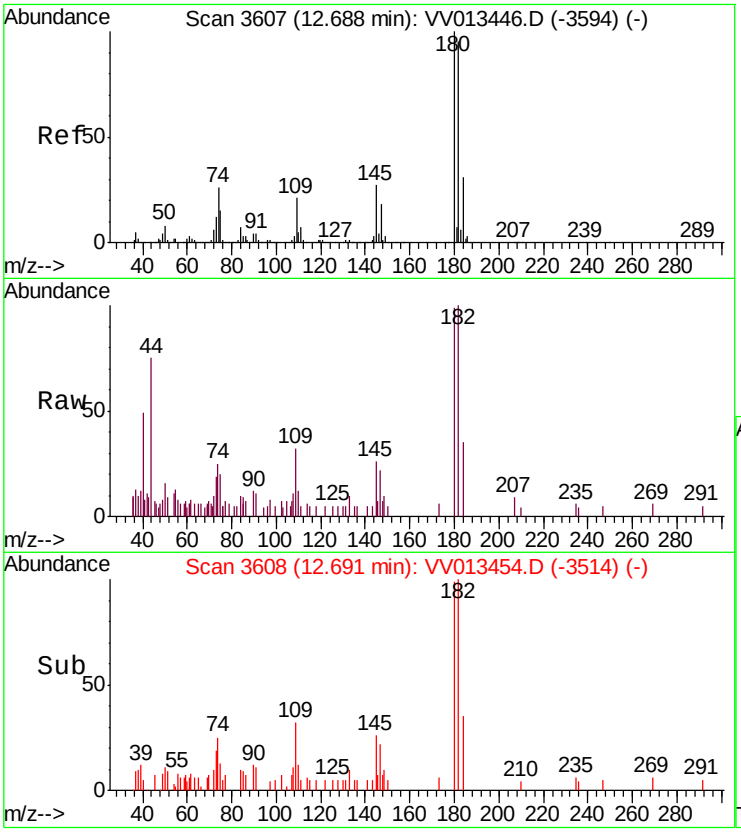


#63
1,4-Dichlorobenzene
Concen: 0.100 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion:146 Resp: 6167

Ion	Ratio	Lower	Upper
146	100		
111	40.9	24.7	45.9
148	55.8	44.2	82.0



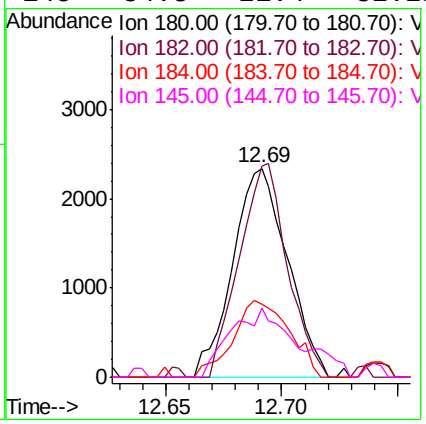


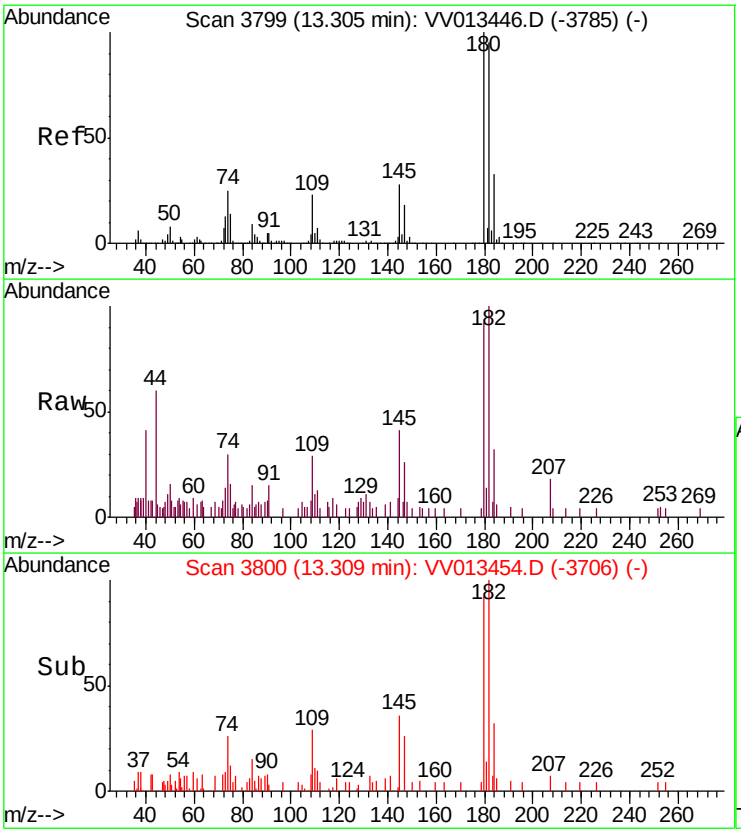
#67
1,3,5-Trichlorobenzene
Concen: 0.079 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Tgt Ion:180 Resp: 3845

Ion	Ratio	Lower	Upper
180	100		
182	89.8	76.1	114.1
184	37.8	24.5	36.7#
145	34.3	21.4	32.2#

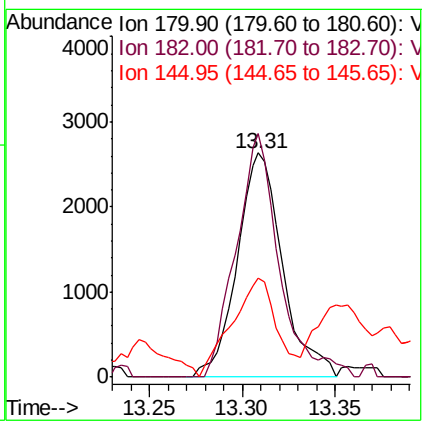


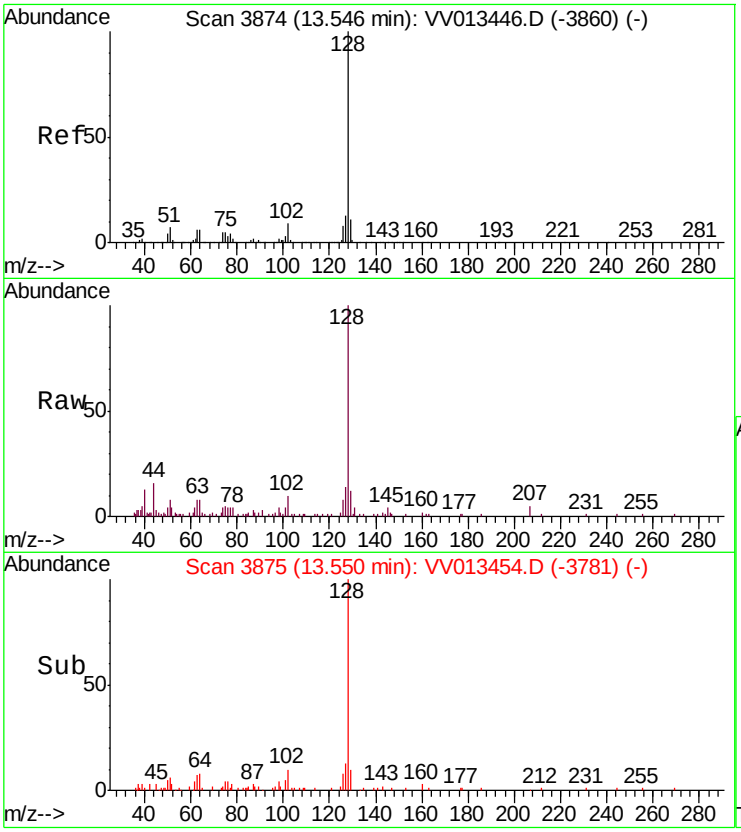


#68
1,2,4-trichlorobenzene
Concen: 0.109 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion:180 Resp: 4454

Ion	Ratio	Lower	Upper
180	100		
182	103.5	76.1	114.1
145	44.2	22.1	33.1#



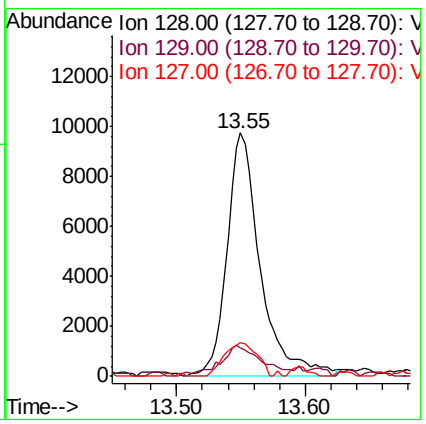


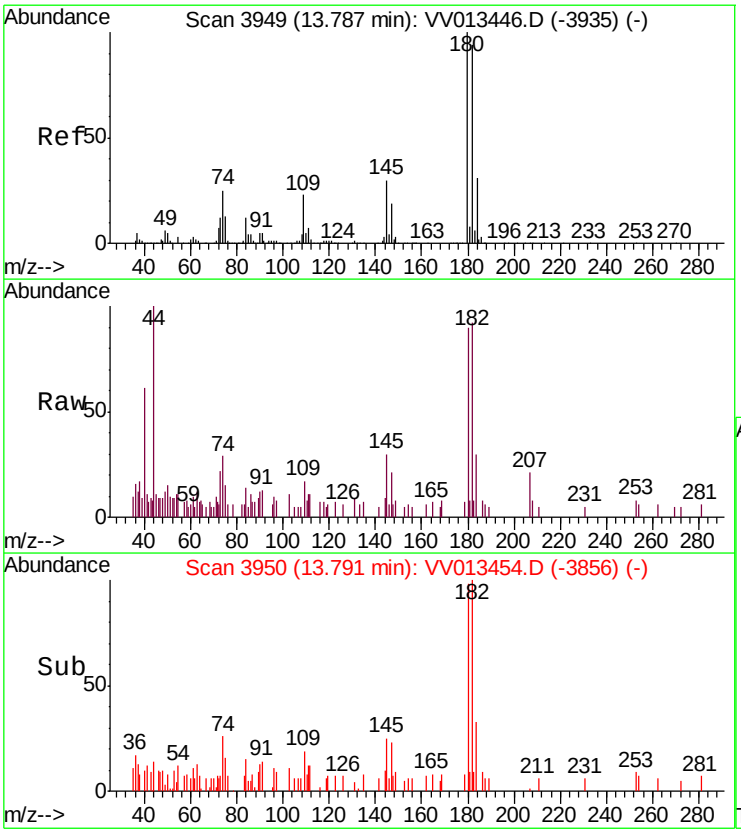
#69
Naphthalene
Concen: 0.293 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Instrument : MSVOA_V
ClientSampleId : GAQE8

Tgt Ion:128 Resp: 17501

Ion	Ratio	Lower	Upper
128	100		
129	16.1	8.4	12.6#
127	13.5	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 0.081 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013454.D
Acq: 31 Oct 2019 19:01

Tgt Ion:180 Resp: 3025

Ion	Ratio	Lower	Upper
180	100		
182	105.8	77.4	116.2
145	25.2	24.1	36.1