Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\

Quantitation Report (Not Reviewed)

Data File : VV013437.D
Acq On : 30 Oct 2019 17:27
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE0

Quant Time: Oct 31 02:47:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	352569	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	192594	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	120989	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.80%			
7) Chloroethane-d5	1.58	69	109626	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.40%			
11) 1,1-Dichloroethene-d2	2.13	63	168548	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	3.93	46	400532	52.51	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.02%			
24) Chloroform-d	4.40	84	286620	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	5.08	65	156792	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.10	84	585187	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.12	67	190164	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.36	98	469316	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
43) trans-1,3-Dichloropropene-	7.66	79	62490	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.13	63	233434	49.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.12%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	130103	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	194661	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2131	0.076	ug/L #	32
13) Acetone	2.20	43	7184	1.928	ug/L	76
14) Carbon disulfide	2.32	76	8731	0.107	ug/L #	88
21) 2-Butanone	4.14	43	62065	7.644	ug/L #	54
25) Chloroform	4.42	83	17499	0.251	ug/L	96
27) 1,2-Dichloroethane	5.09	62	2280	0.059	ug/L	98
30) Cyclohexane	4.72	56	5251	0.092	ug/L	95
33) Benzene	5.15	78	29276	0.212	ug/L	100
35) Methylcyclohexane	6.17	83	4290	0.076	ug/L #	72
37) 1,2-Dichloropropane	6.12	63	20181	0.579	ug/L #	87
42) Toluene	7.43	91	10784	0.075	ug/L	93
47) Tetrachloroethene	8.02	164	18975	0.592	ug/L	97
48) 2-Hexanone	8.18	43	19955	1.438	ug/L #	82
49) Dibromochloromethane	8.02	129	16578	0.578	ug/L #	11
53) m,p-xylene	9.18	106	6173	0.110	ug/L	86
69) Naphthalene	13.55	128	13199	0.240	ug/L #	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\

Quantitation Report (Not Reviewed)

Data File : VV013437.D
Acq On : 30 Oct 2019 17:27
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE0

Quant Time: Oct 31 02:47:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\

Quantitation Report (Not Reviewed)

Data File : VV013437.D
Acq On : 30 Oct 2019 17:27
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
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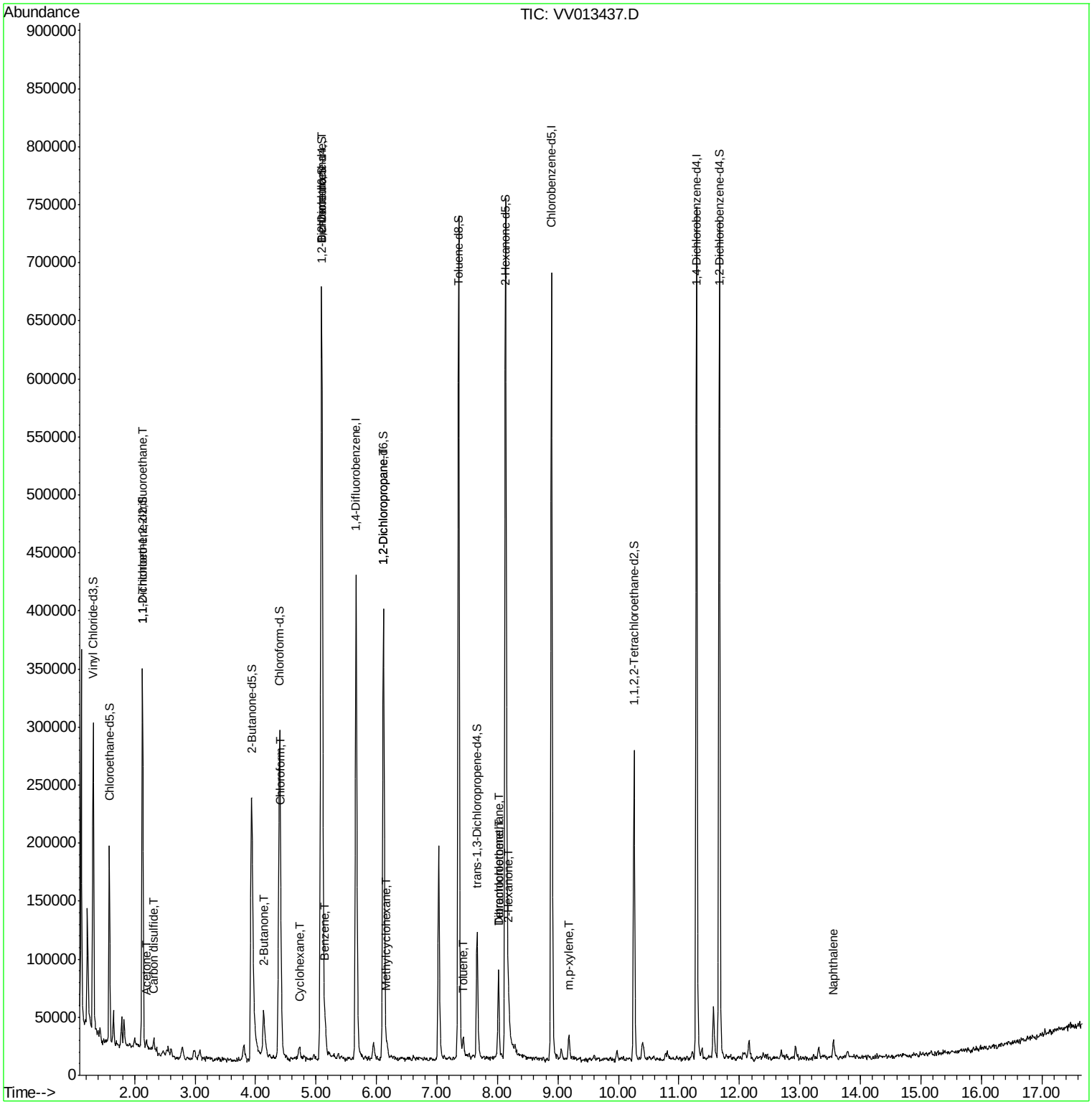
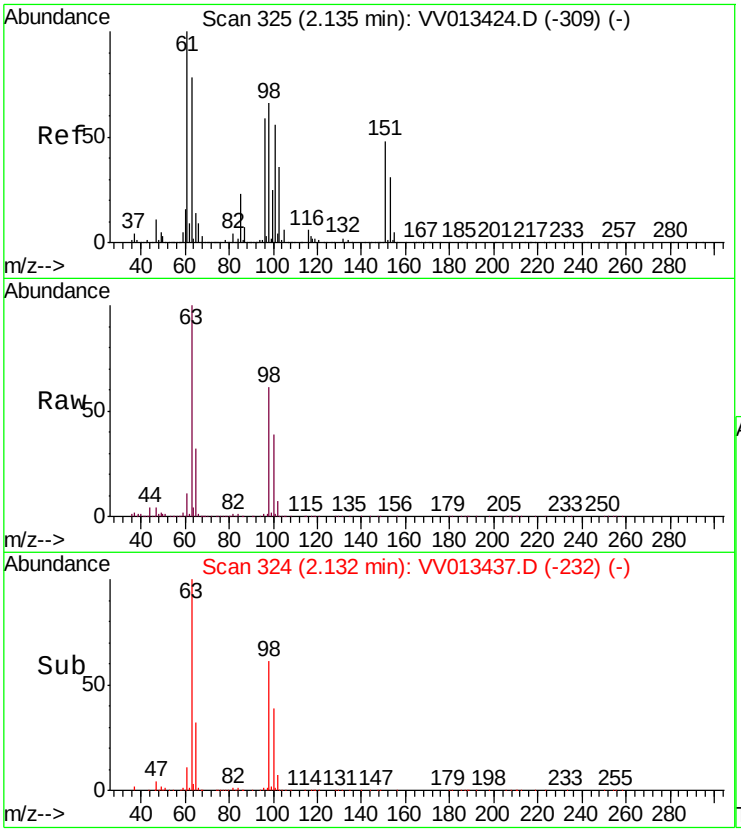
Quant Time: Oct 31 02:47:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration



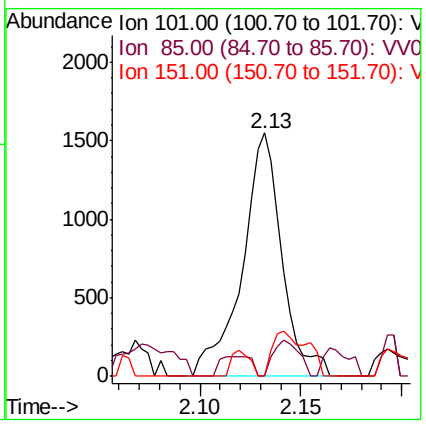


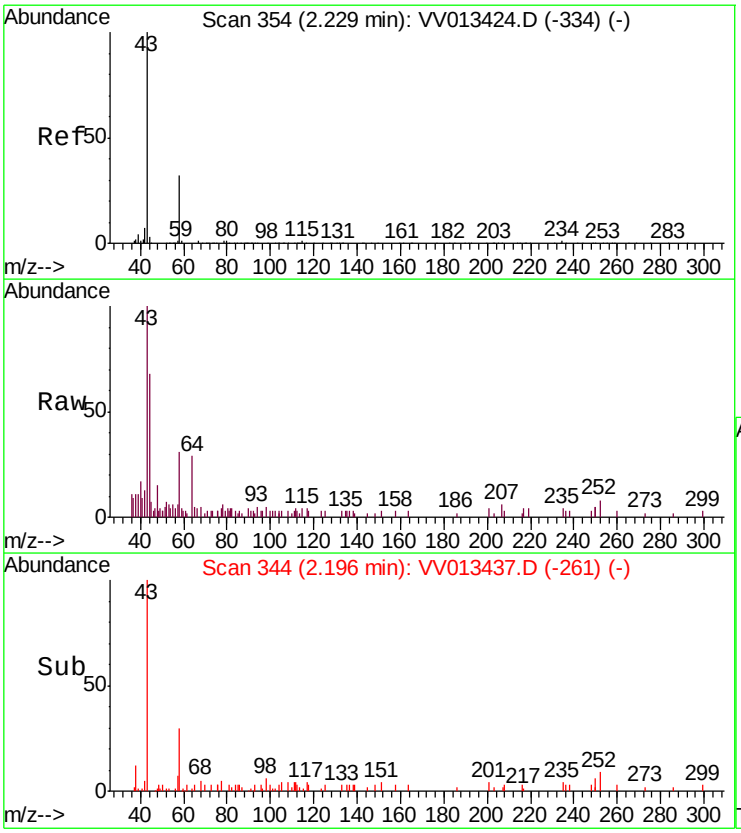
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument :
MSVOA_V
ClientSampleId :
GAQE0

Tgt Ion:101 Resp: 2131

Ion	Ratio	Lower	Upper
101	100		
85	9.4	33.0	49.4#
151	15.7	68.2	102.2#

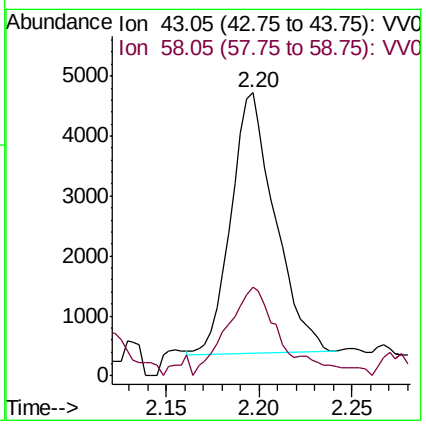


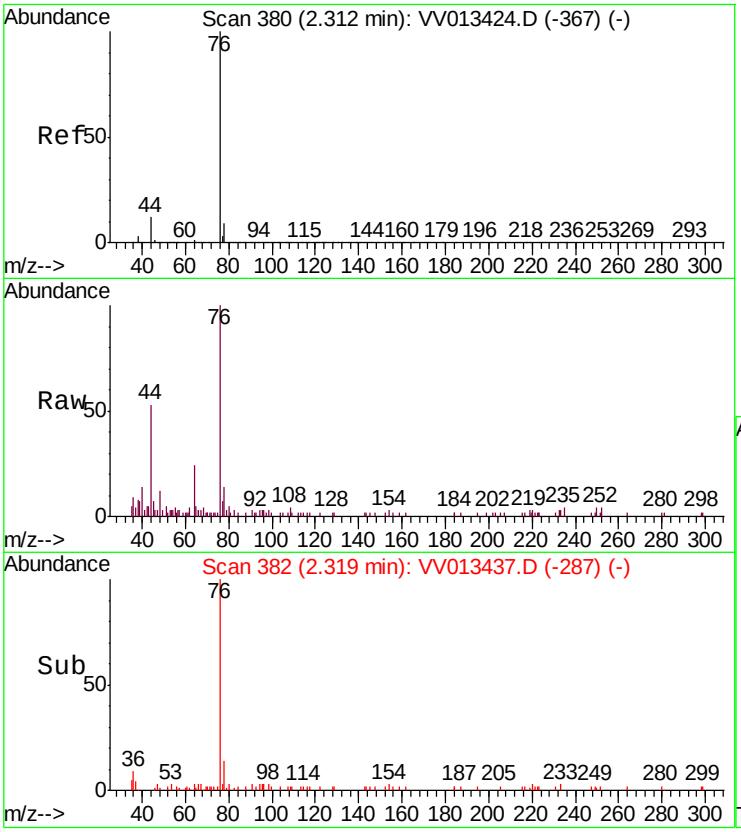


#13
Acetone
Concen: 1.928 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.03 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion: 43 Resp: 7184

Ion	Ratio	Lower	Upper
43	100		
58	42.4	0.0	59.0



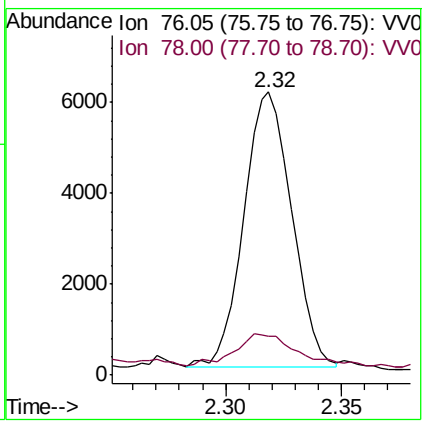


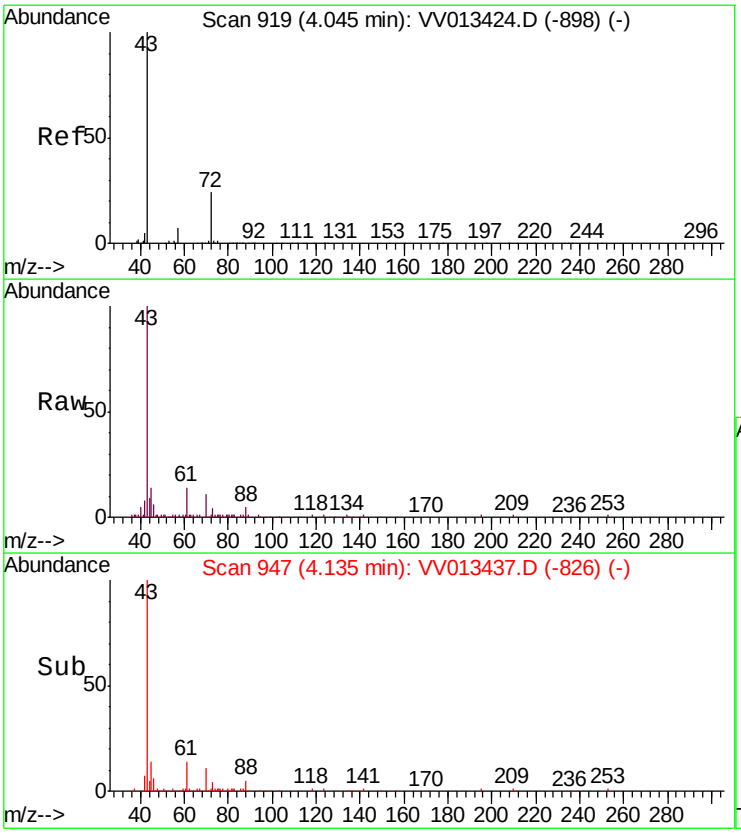
#14
Carbon disulfide
Concen: 0.107 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument : MSVOA_V
ClientSampleId : GAQE0

Tgt Ion: 76 Resp: 8731

Ion	Ratio	Lower	Upper
76	100		
78	13.9	7.5	11.3#

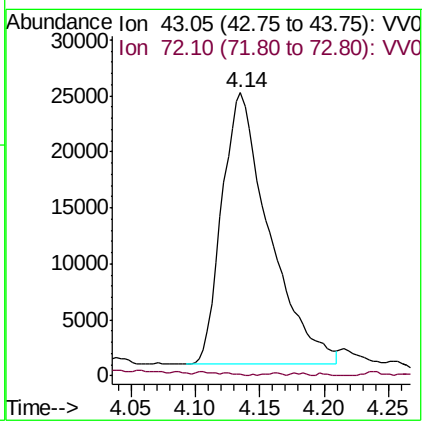


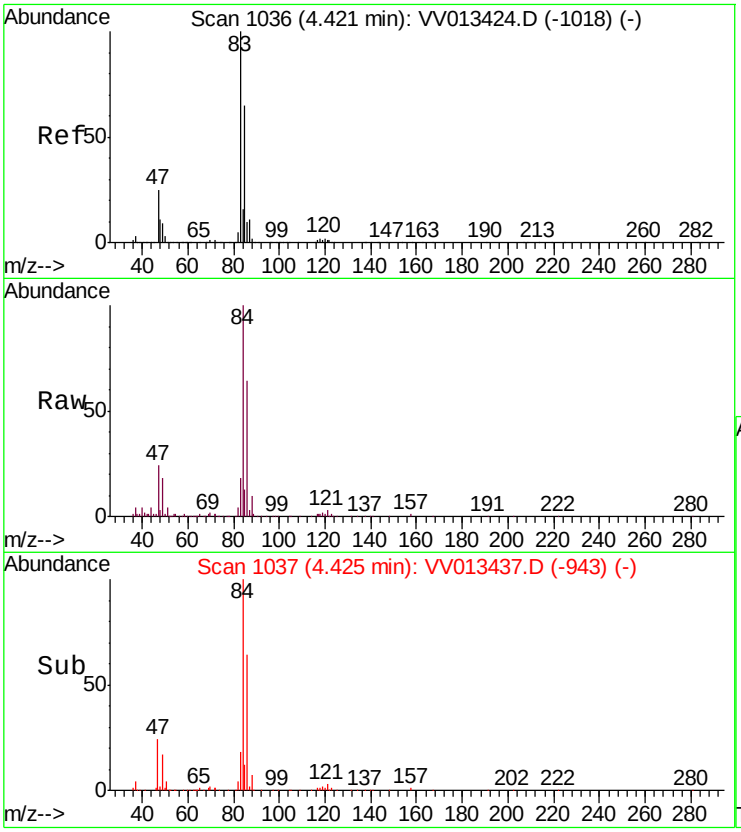


#21
2-Butanone
Concen: 7.644 ug/L
RT: 4.14 min Scan# 947
Delta R.T. 0.09 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion: 43 Resp: 62065

Ion	Ratio	Lower	Upper
43	100		
72	0.3	11.3	33.9#



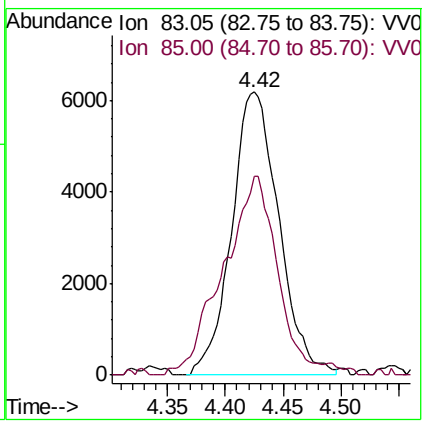


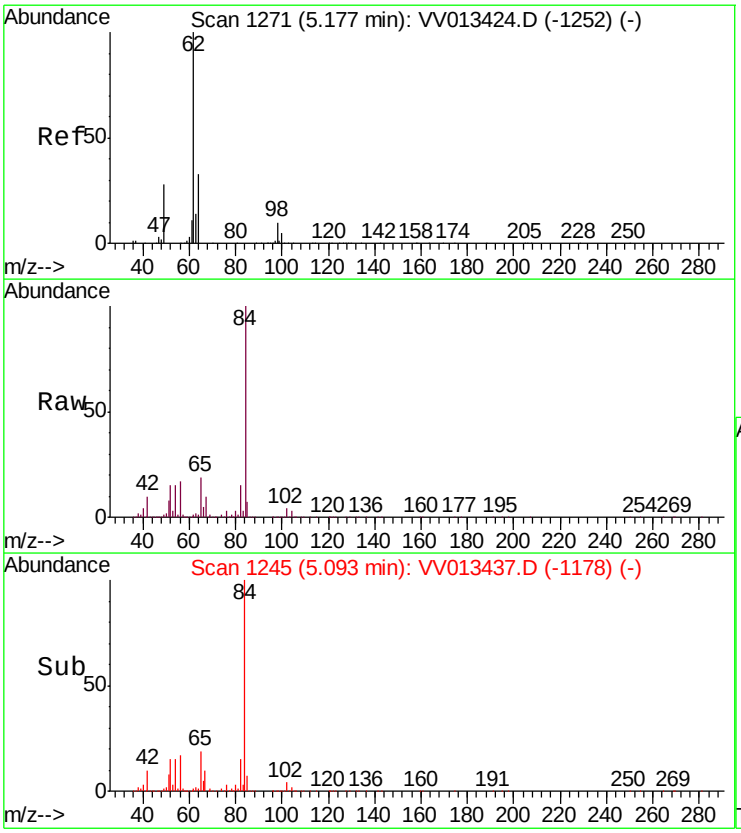
#25
Chloroform
Concen: 0.251 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument : MSVOA_V
ClientSampleId : GAQE0

Tgt Ion: 83 Resp: 17499

Ion	Ratio	Lower	Upper
83	100		
85	70.0	46.5	86.5

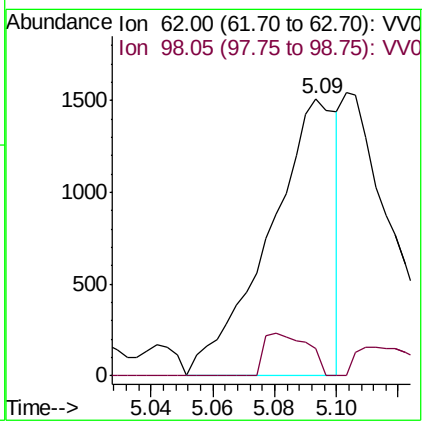


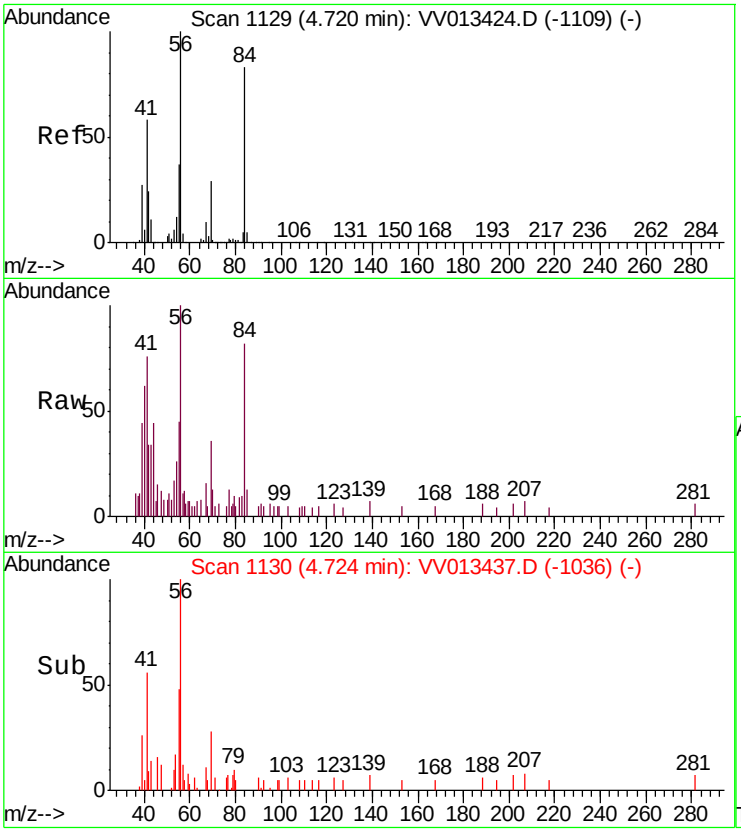


#27
1,2-Dichloroethane
Concen: 0.059 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion: 62 Resp: 2280

Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.6	12.8



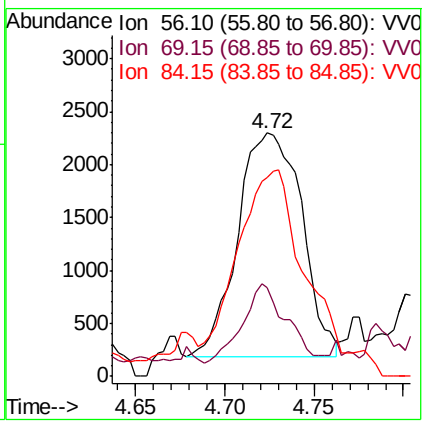


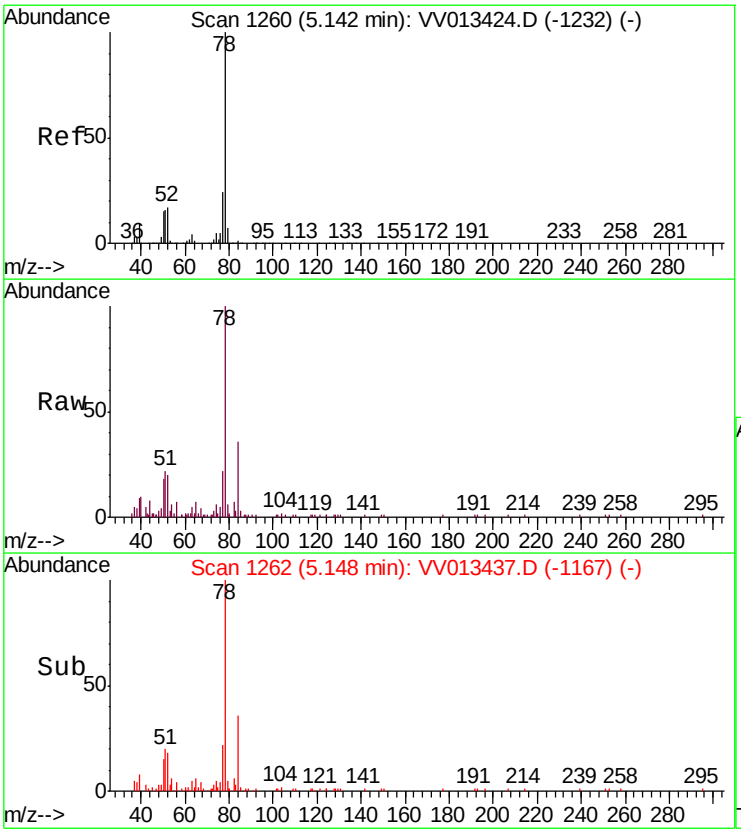
#30
Cyclohexane
Concen: 0.092 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument :
MSVOA_V
ClientSampleId :
GAQE0

Tgt Ion: 56 Resp: 5251

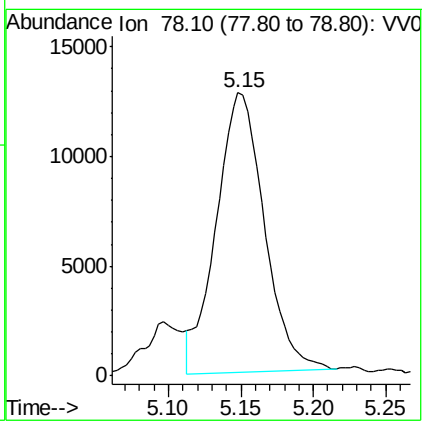
Ion	Ratio	Lower	Upper
56	100		
69	33.6	22.7	34.1
84	79.3	65.5	98.3

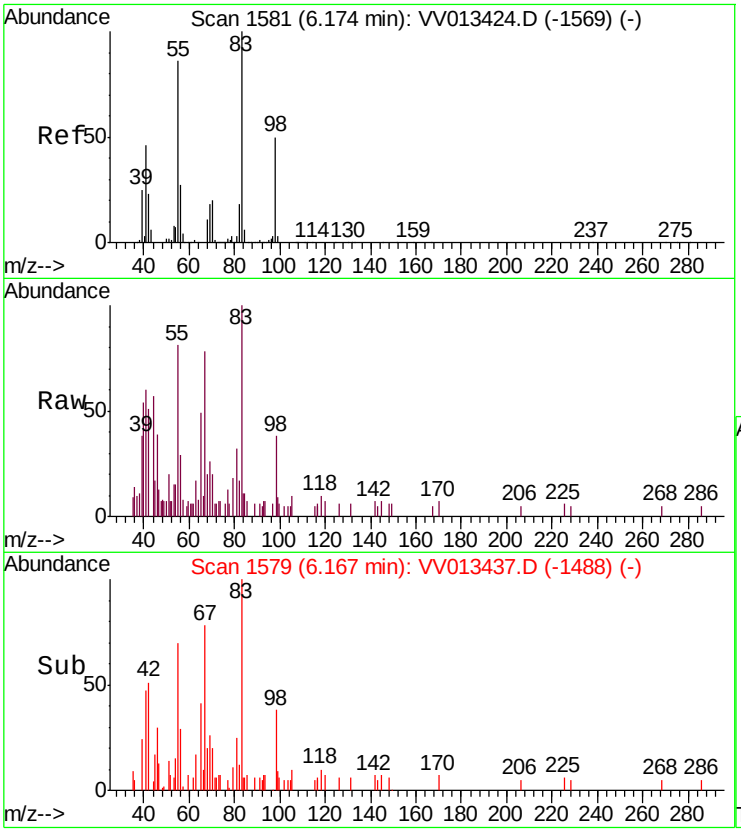




#33
Benzene
Concen: 0.212 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion: 78 Resp: 29276



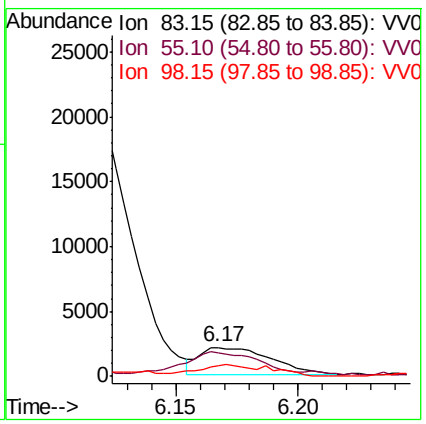


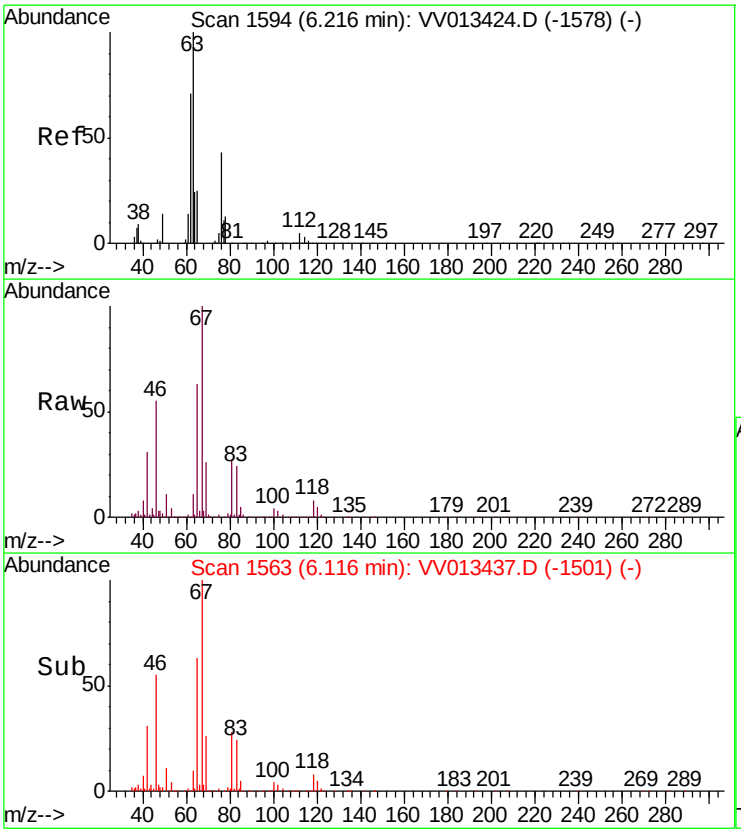
#35
Methylcyclohexane
Concen: 0.076 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument :
MSVOA_V
ClientSampleId :
GAQE0

Tgt Ion: 83 Resp: 4290

Ion	Ratio	Lower	Upper
83	100		
55	100.1	66.0	99.0#
98	19.9	38.2	57.4#

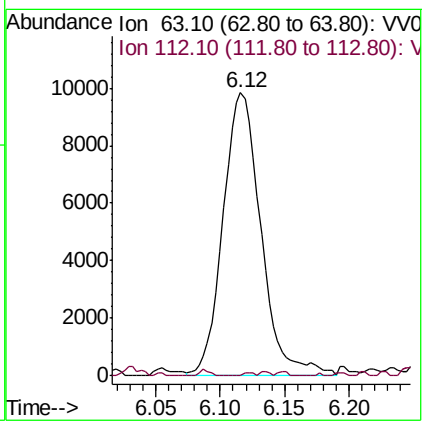


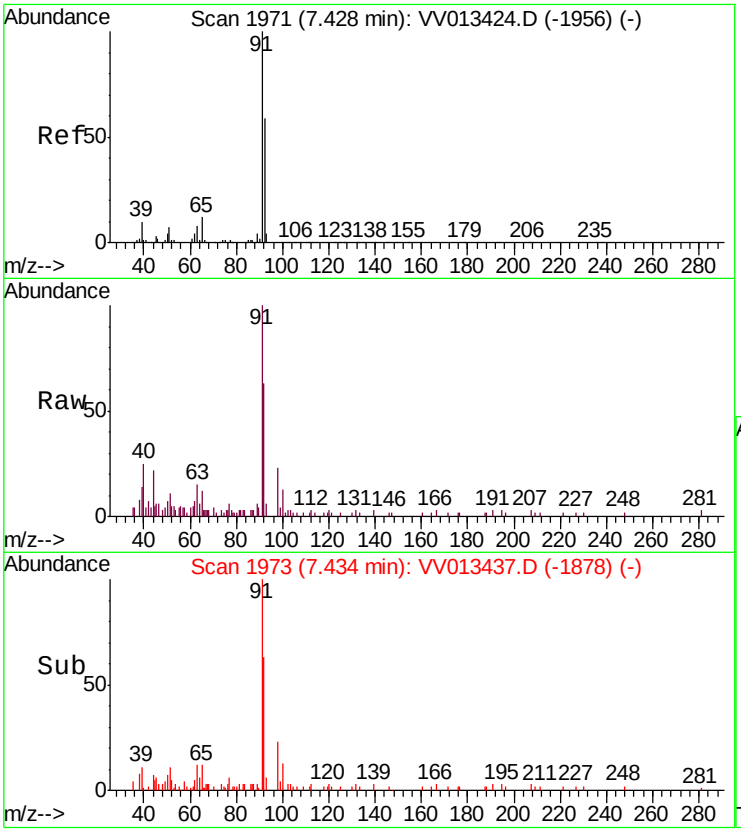


#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion: 63 Resp: 20181

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#



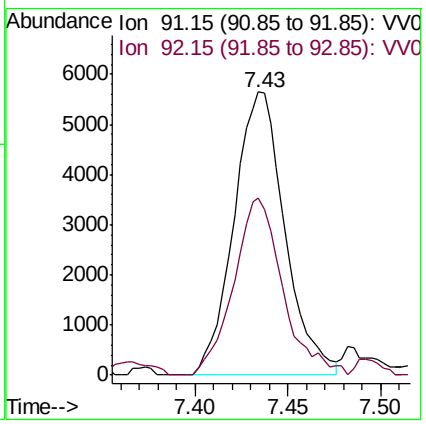


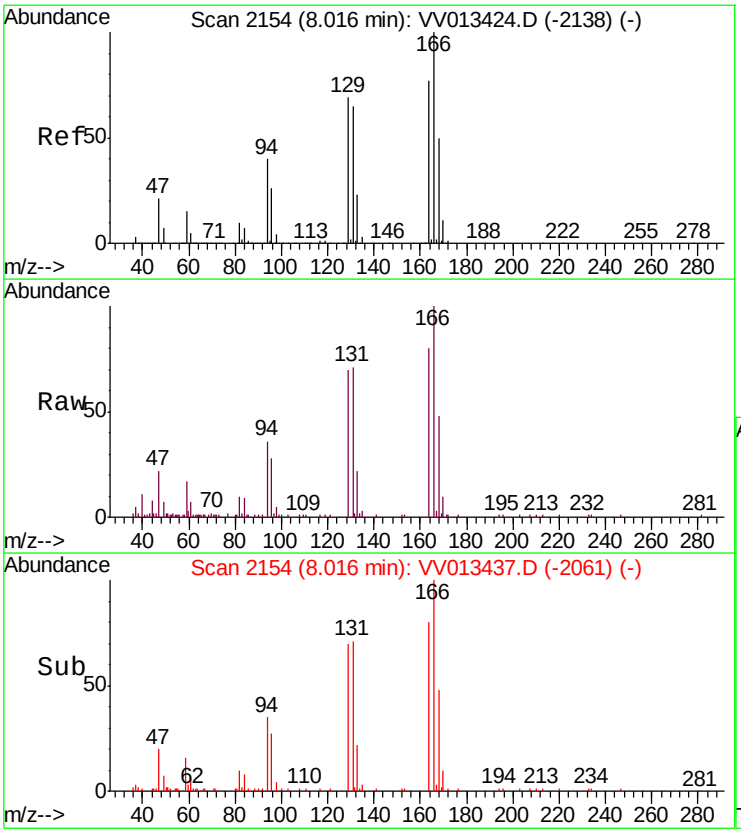
#42
Toluene
Concen: 0.075 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument :
MSVOA_V
ClientSampleId :
GAQE0

Tgt Ion: 91 Resp: 10784

Ion	Ratio	Lower	Upper
91	100		
92	62.6	40.3	74.8

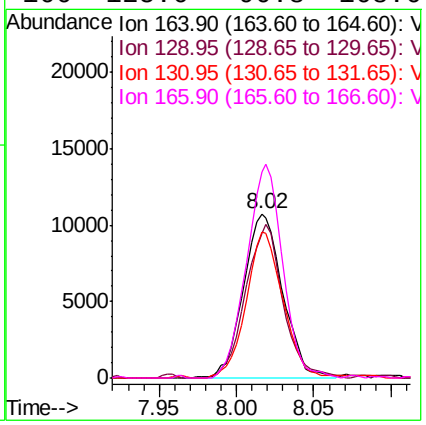


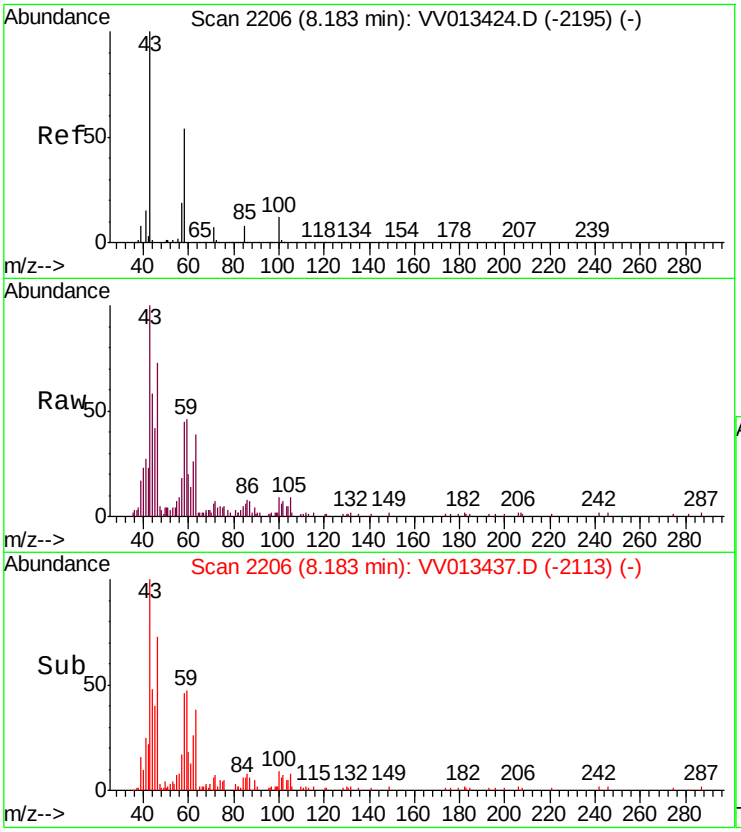


#47
Tetrachloroethene
Concen: 0.592 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion:164 Resp: 18975

Ion	Ratio	Lower	Upper
164	100		
129	88.3	63.4	117.8
131	89.3	60.3	112.1
166	125.6	90.8	168.6



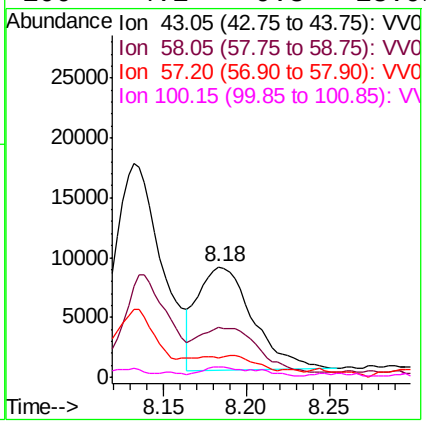


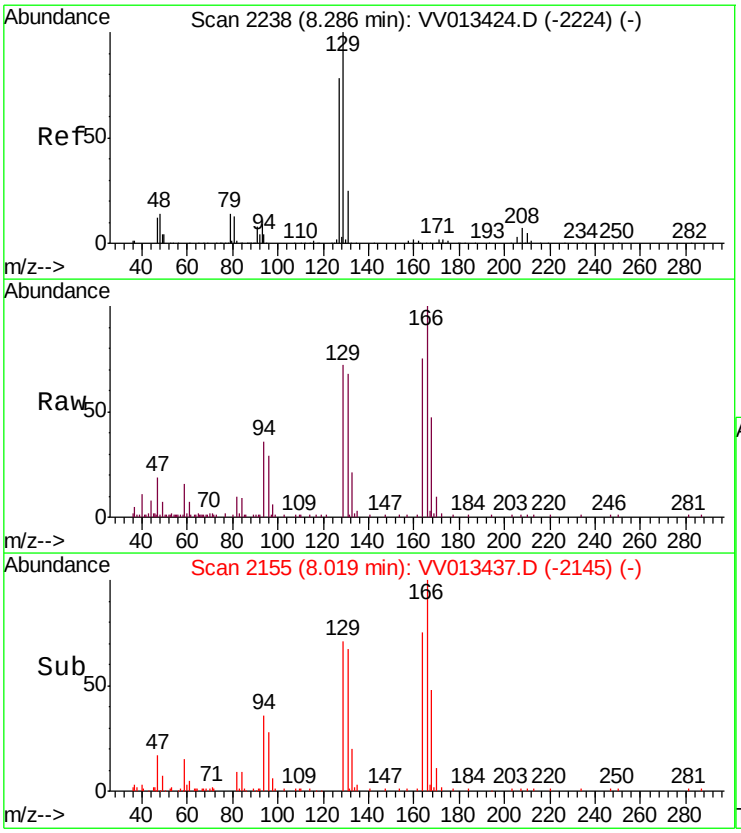
#48
2-Hexanone
Concen: 1.438 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument : MSVOA_V
ClientSampleId : GAQE0

Tgt Ion: 43 Resp: 19955

Ion	Ratio	Lower	Upper
43	100		
58	47.5	43.5	65.3
57	0.0	14.3	21.5#
100	4.1	9.3	13.9#

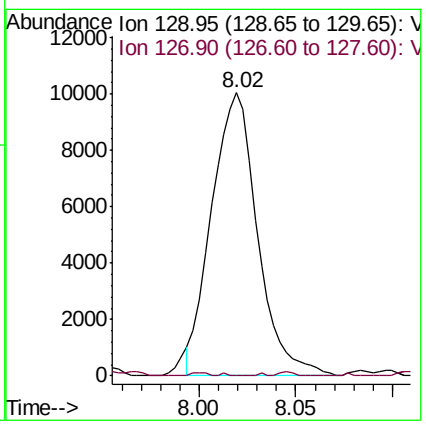


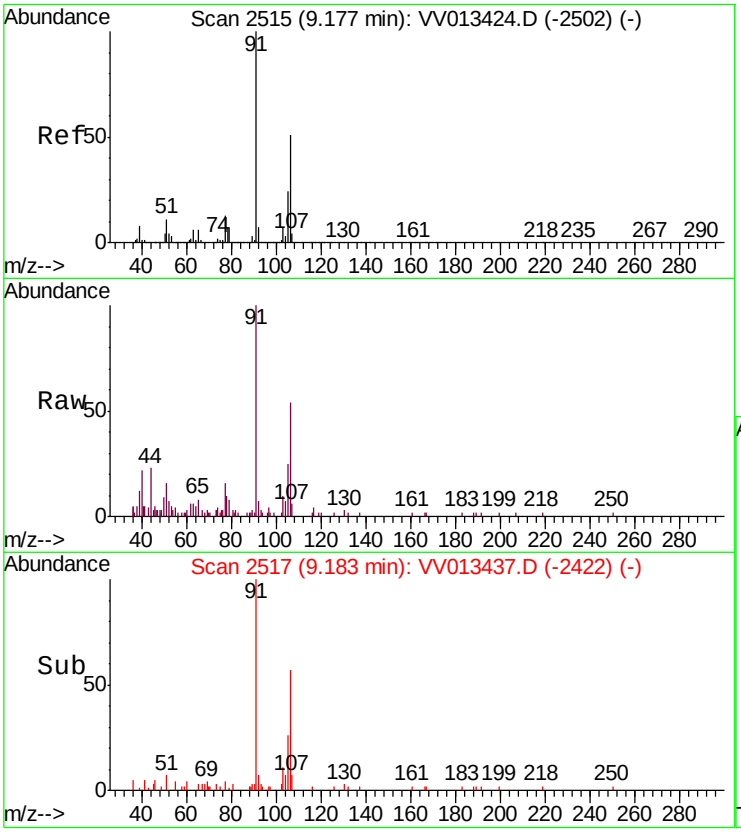


#49
Dibromochloromethane
Concen: 0.578 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion:129 Resp: 16578

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#



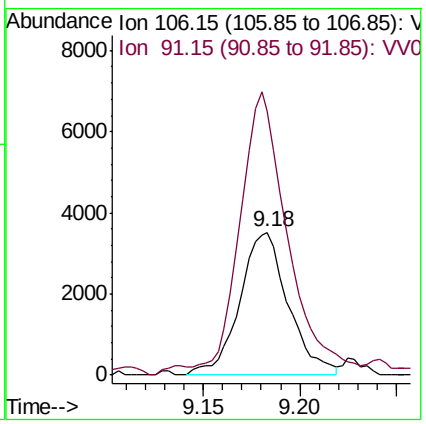


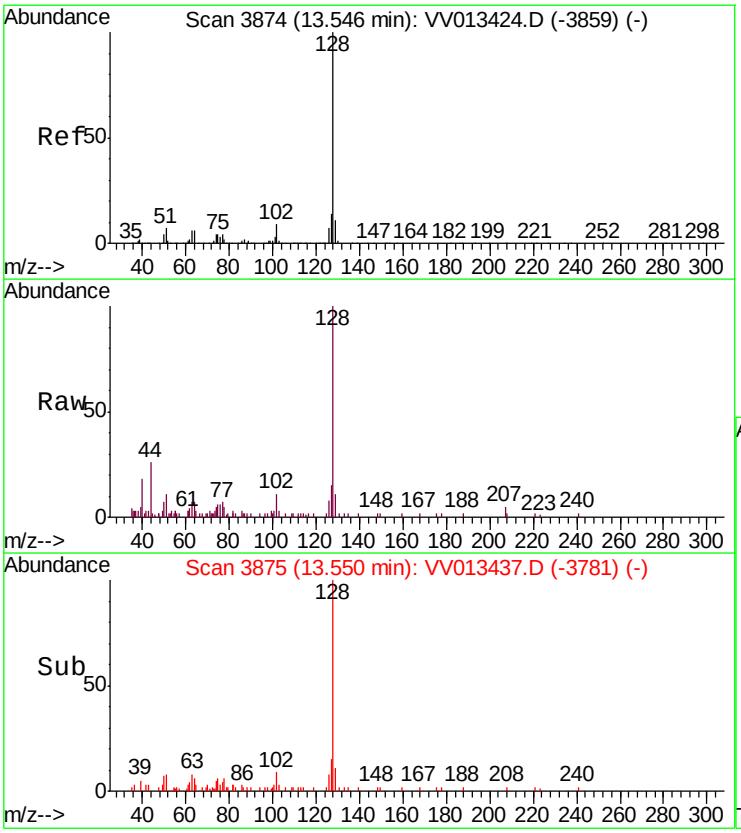
#53
m,p-xylene
Concen: 0.110 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Instrument : MSVOA_V
ClientSampleId : GAQE0

Tgt Ion:106 Resp: 6173

Ion	Ratio	Lower	Upper
106	100		
91	185.2	144.3	267.9





#69
Naphthalene
Concen: 0.240 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013437.D
Acq: 30 Oct 2019 17:27

Tgt Ion:128 Resp: 13199

Ion	Ratio	Lower	Upper
128	100		
129	7.1	8.7	13.1#
127	15.5	10.6	16.0