Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\

Quantitation Report (Not Reviewed)

Data File : VV013409.D
Acq On : 29 Oct 2019 21:29
Operator : SY/MD
Sample : K5597-07
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD8

Quant Time: Oct 30 02:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	374675	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	394204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	218817	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	152730	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.58	69	131164	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.13	63	199025	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	3.95	46	419320	51.73	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.46%			
24) Chloroform-d	4.40	84	315889	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	164161	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	5.10	84	659875	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.12	67	210057	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.36	98	566499	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	7.66	79	69427	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.13	63	257003	50.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	141418	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	230838	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
3) Chloromethane	1.23	50	7568	0.179	ug/L #	50
8) Chloroethane	1.66	64	3775	0.161	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2404	0.080	ug/L #	28
13) Acetone	2.21	43	7021	1.773	ug/L	83
14) Carbon disulfide	2.32	76	8578	0.099	ug/L #	75
18) trans-1,2-Dichloroethene	2.79	96	26554	0.696	ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	107206	2.786	ug/L #	97
30) Cyclohexane	4.72	56	18353	0.299	ug/L	94
33) Benzene	5.15	78	201666	1.369	ug/L	100
34) Trichloroethene	5.96	95	92356	2.284	ug/L	97
35) Methylcyclohexane	6.17	83	18931	0.314	ug/L	92
37) 1,2-Dichloropropane	6.12	63	21187	0.569	ug/L #	89
42) Toluene	7.43	91	75383	0.491	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	3417	0.086	ug/L	91
47) Tetrachloroethene	8.02	164	259200	7.565	ug/L	97
48) 2-Hexanone	8.19	43	25587	1.726	ug/L #	87
49) Dibromochloromethane	8.02	129	223171	7.276	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\

Quantitation Report (Not Reviewed)

Data File : VV013409.D
Acq On : 29 Oct 2019 21:29
Operator : SY/MD
Sample : K5597-07
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD8

Quant Time: Oct 30 02:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.05	91	52225	0.321	ug/L		97
53) m,p-xylene	9.18	106	16408	0.273	ug/L		97
54) o-xylene	9.59	106	4933	0.085	ug/L		96
56) Isopropylbenzene	9.97	105	14484	0.092	ug/L	#	95
69) Naphthalene	13.55	128	47661	0.761	ug/L		99

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

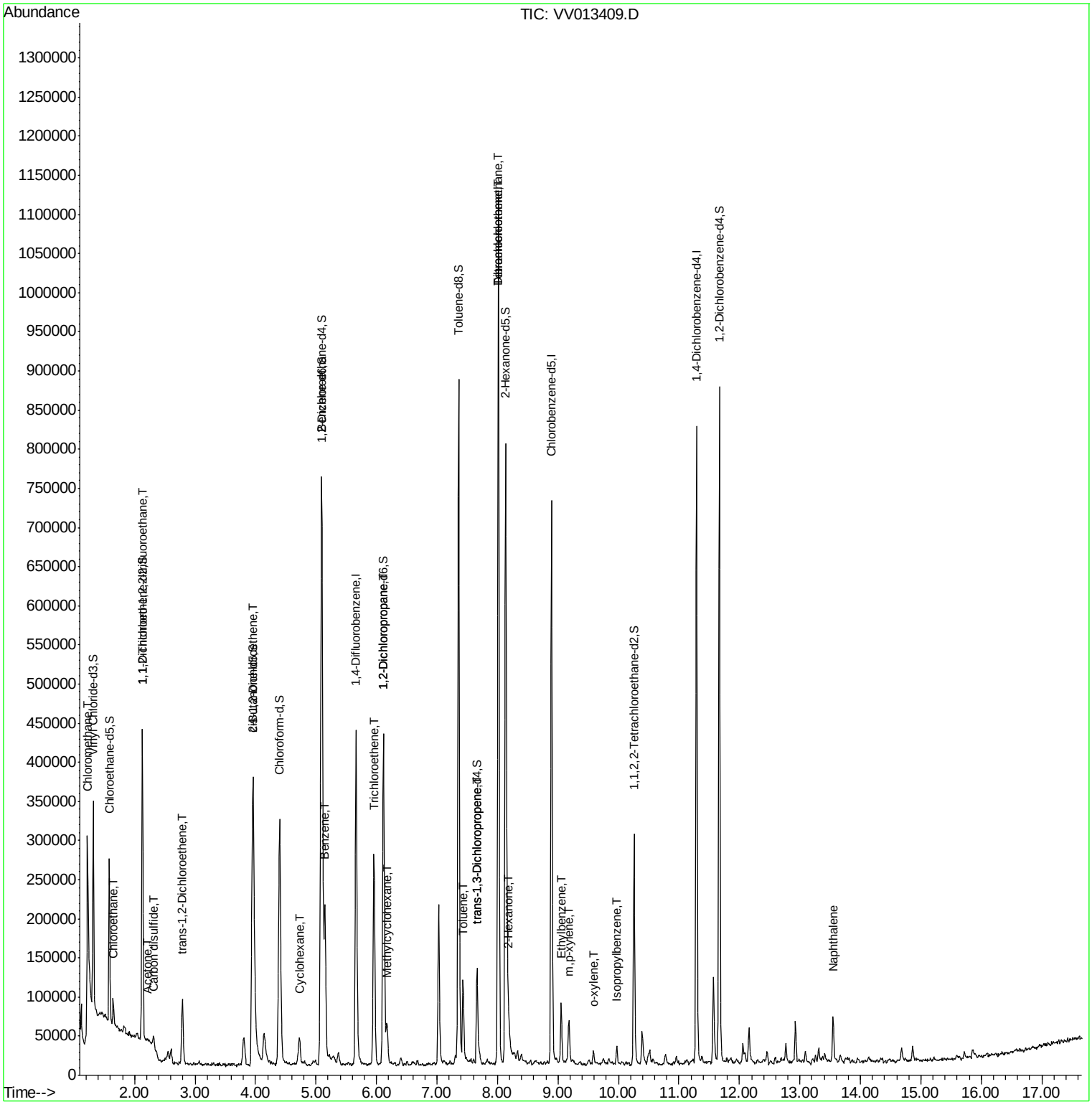
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\

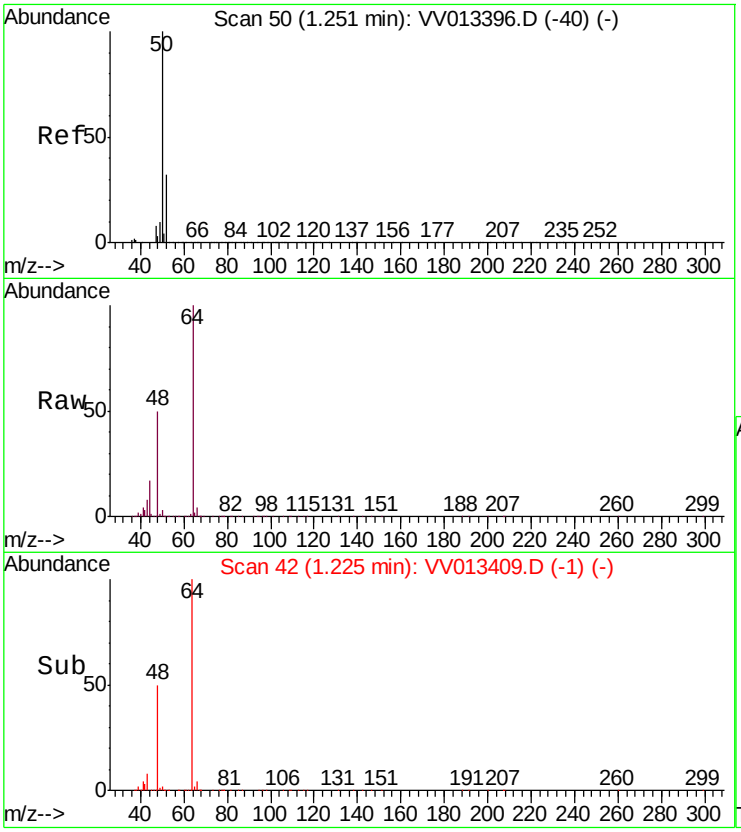
Quantitation Report (Not Reviewed)

Data File : VV013409.D
Acq On : 29 Oct 2019 21:29
Operator : SY/MD
Sample : K5597-07
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Quant Time: Oct 30 02:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration



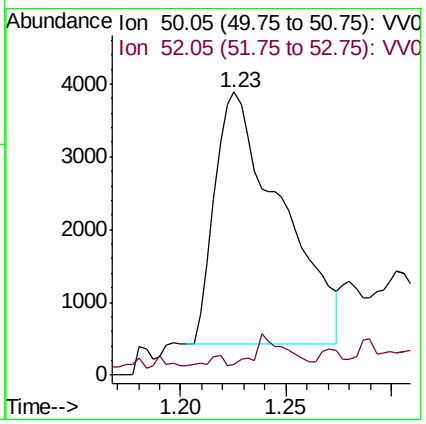


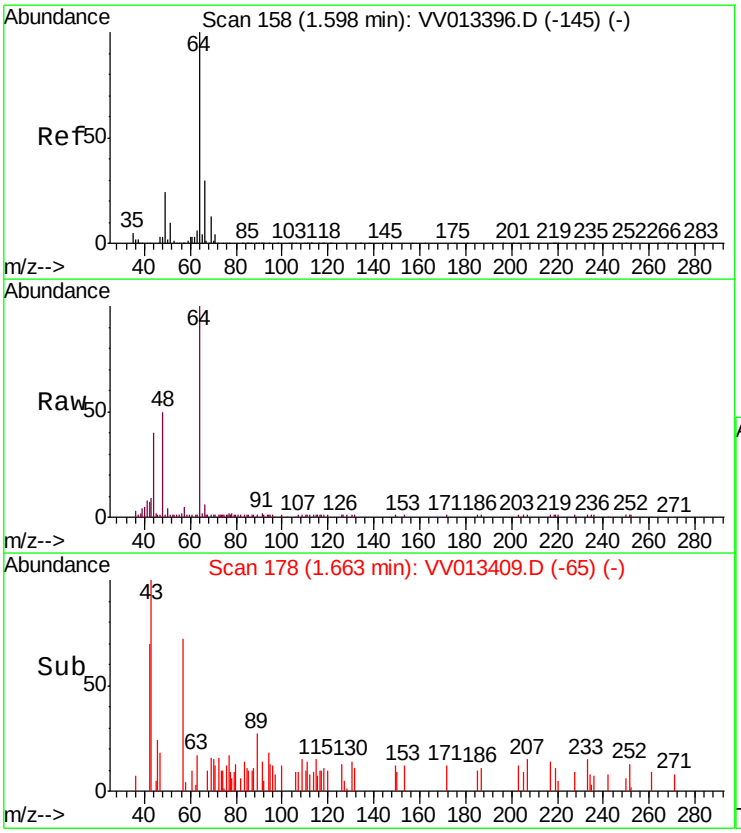
#3
Chloromethane
Concen: 0.179 ug/L
RT: 1.23 min Scan# 42
Delta R.T. -0.03 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Tgt Ion: 50 Resp: 7568

Ion	Ratio	Lower	Upper
50	100		
52	4.0	21.9	40.7#

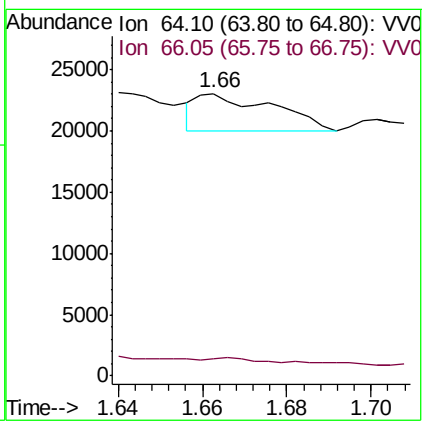


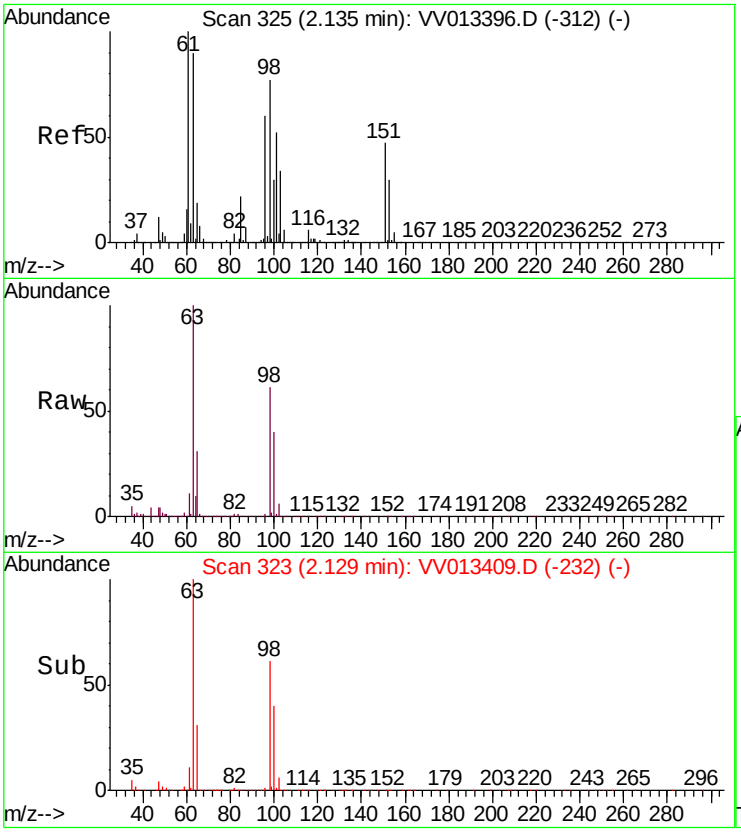


#8
Chloroethane
Concen: 0.161 ug/L
RT: 1.66 min Scan# 178
Delta R.T. 0.06 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 64 Resp: 3775

Ion	Ratio	Lower	Upper
64	100		
66	6.2	22.0	41.0#



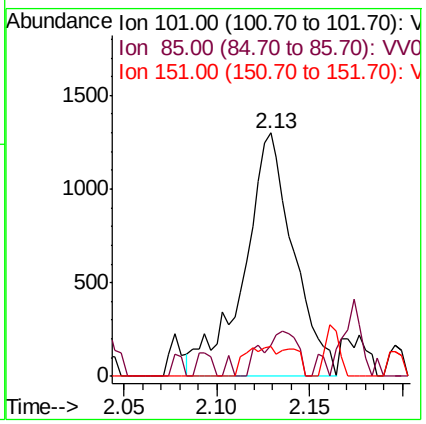


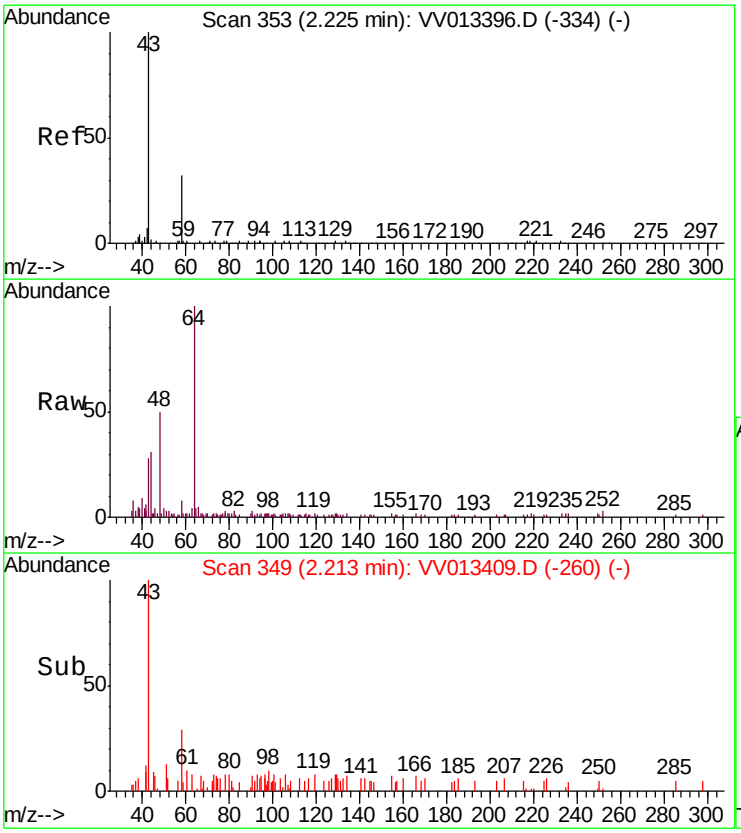
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.080 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Tgt Ion:101 Resp: 2404

Ion	Ratio	Lower	Upper
101	100		
85	13.2	33.0	49.4#
151	7.6	68.2	102.2#

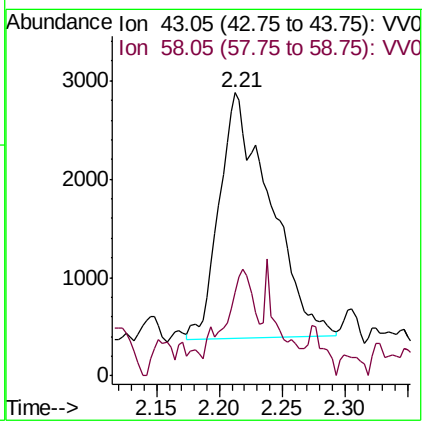


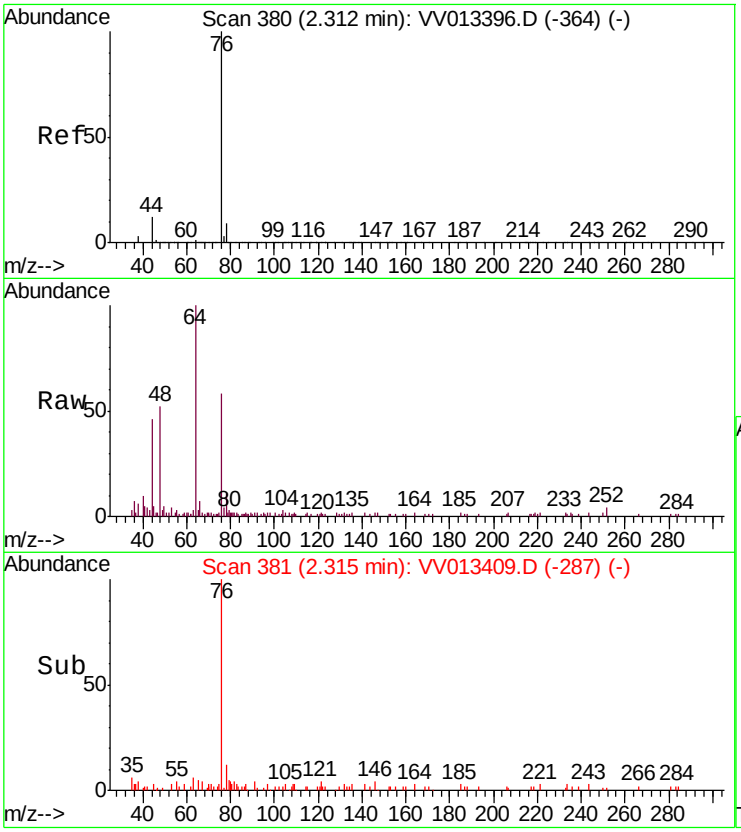


#13
Acetone
Concen: 1.773 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.01 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 43 Resp: 7021

Ion	Ratio	Lower	Upper
43	100		
58	20.3	0.0	59.0



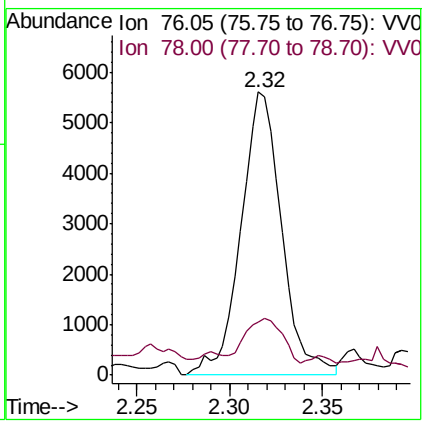


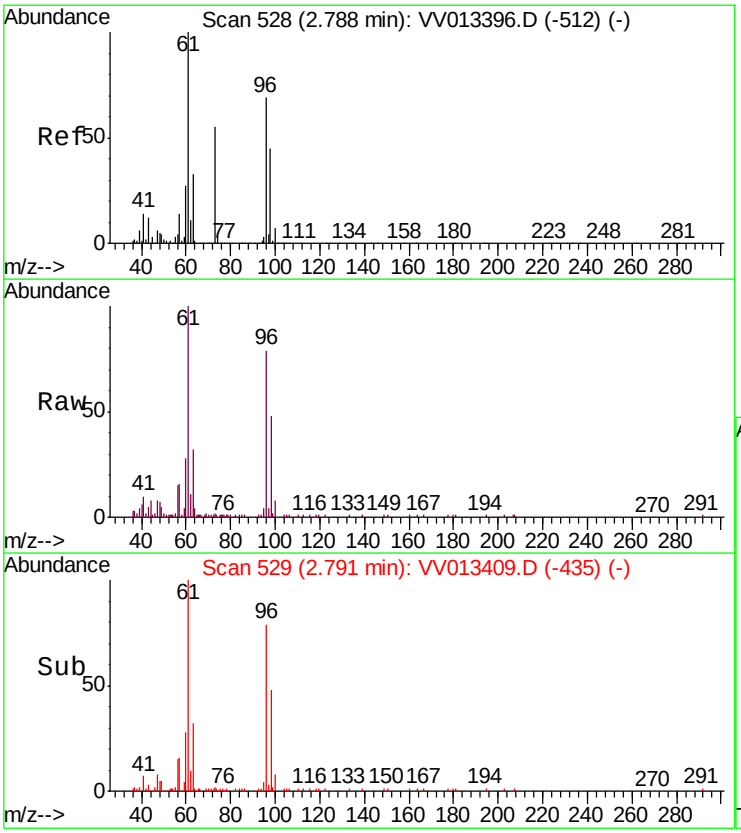
#14
Carbon disulfide
Concen: 0.099 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument : MSVOA_V
ClientSampleId : GAQD8

Tgt Ion: 76 Resp: 8578

Ion	Ratio	Lower	Upper
76	100		
78	18.6	7.5	11.3#

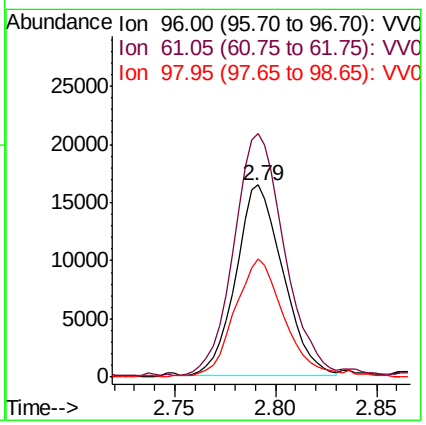


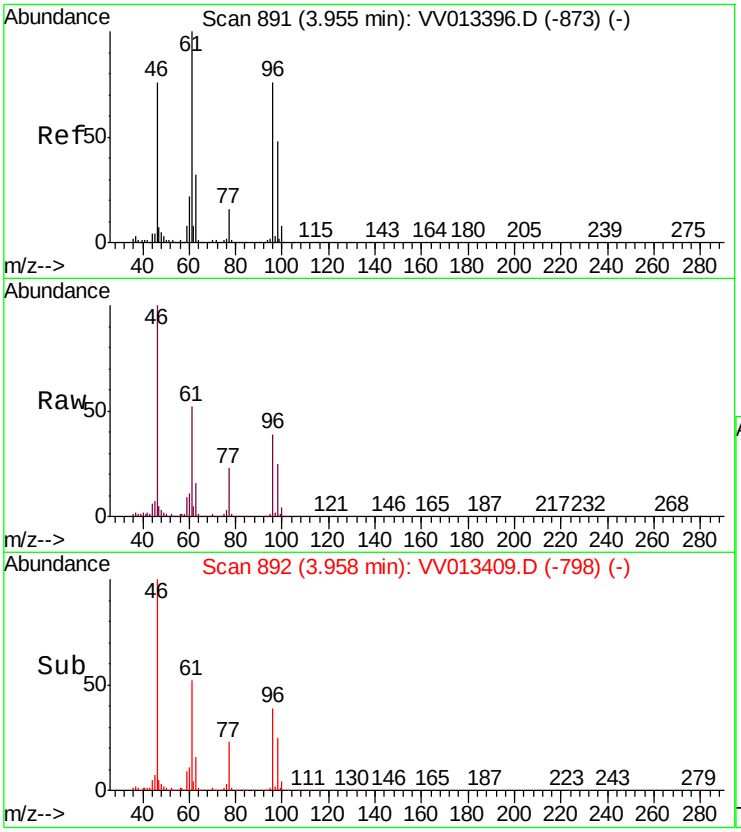


#18
trans-1,2-Dichloroethene
Concen: 0.696 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 96 Resp: 26554

Ion	Ratio	Lower	Upper
96	100		
61	126.9	100.1	185.9
98	61.3	44.2	82.0



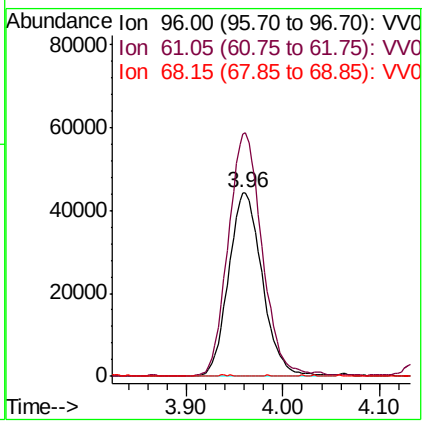


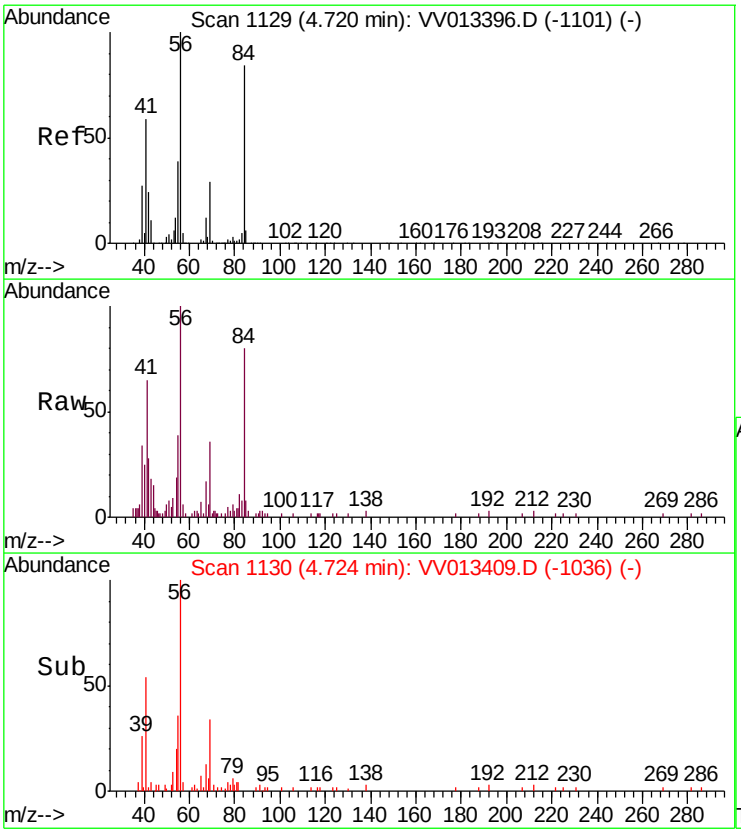
#22
cis-1,2-Dichloroethene
Concen: 2.786 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Tgt Ion: 96 Resp: 107206

Ion	Ratio	Lower	Upper
96	100		
61	132.3	89.9	167.0
68	0.3	0.1	0.3#

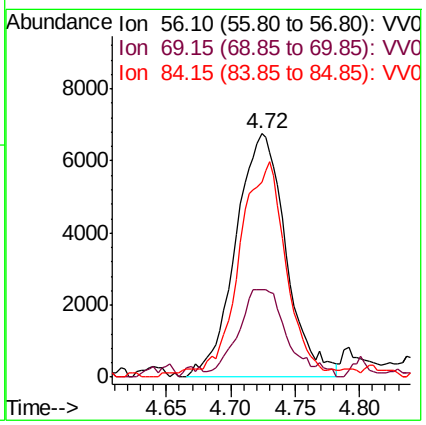


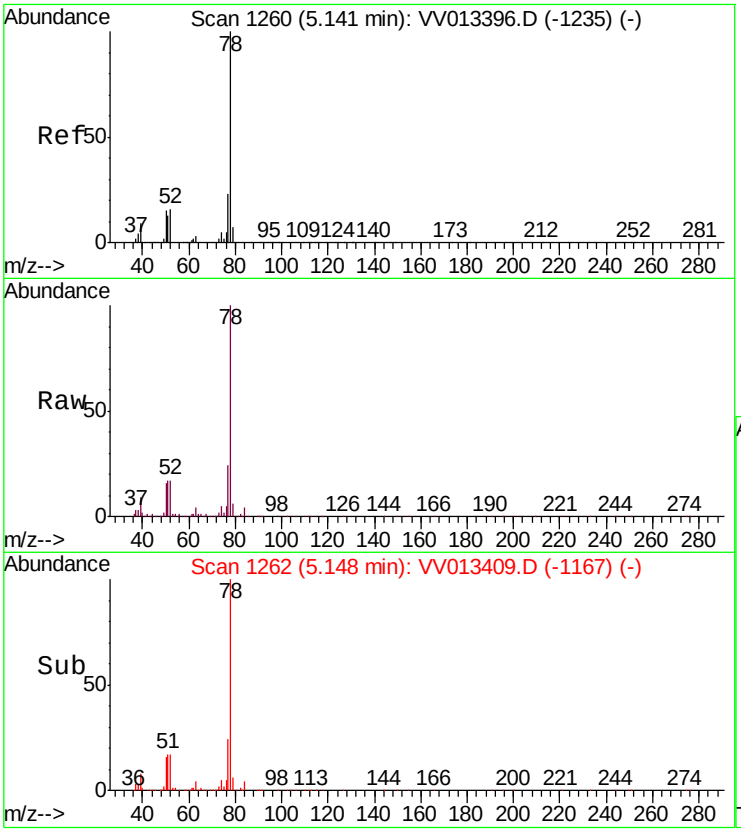


#30
Cyclohexane
Concen: 0.299 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 56 Resp: 18353

Ion	Ratio	Lower	Upper
56	100		
69	29.8	22.7	34.1
84	75.5	65.5	98.3

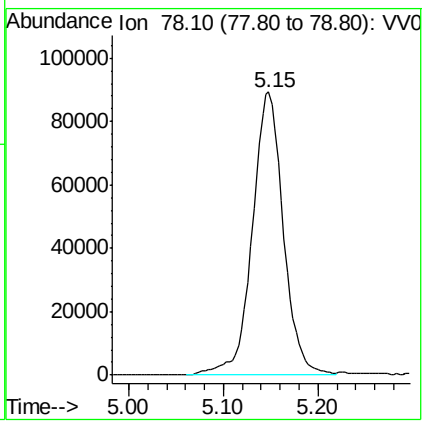


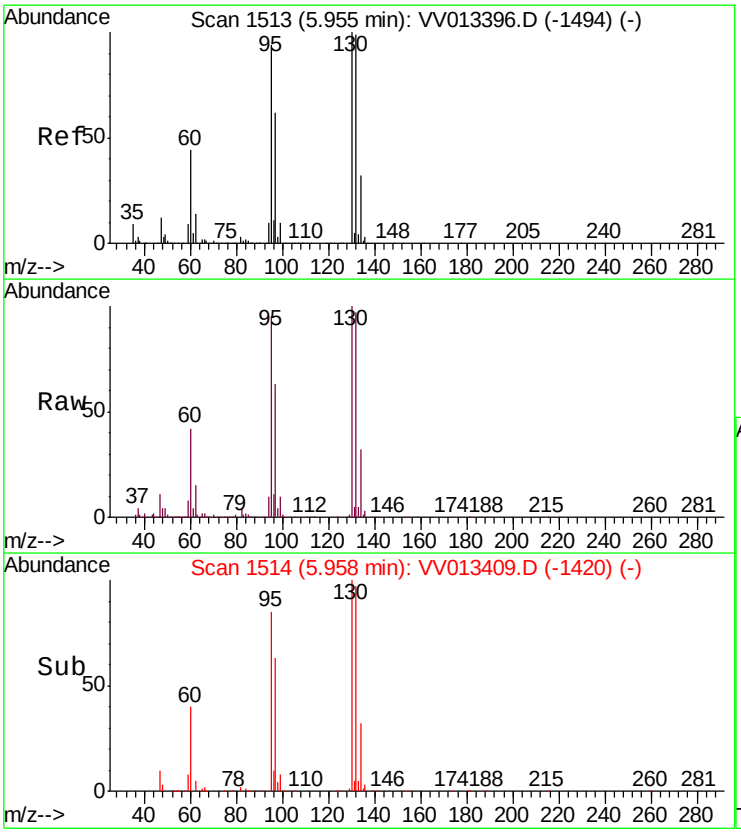


#33
Benzene
Concen: 1.369 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Tgt Ion: 78 Resp: 201666

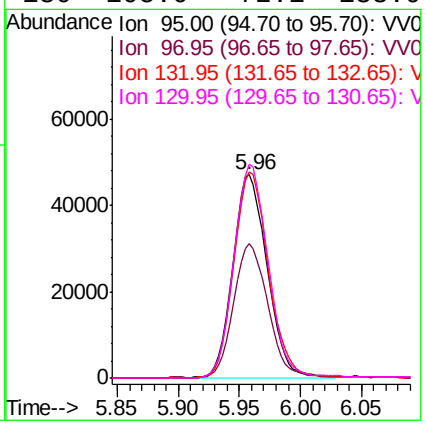


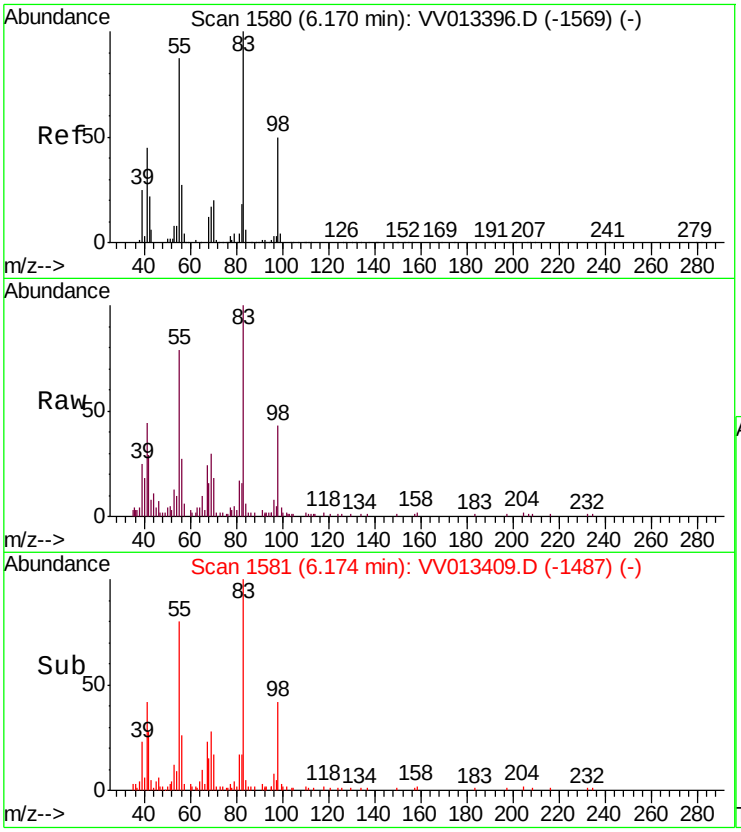


#34
Trichloroethene
Concen: 2.284 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 95 Resp: 92356

Ion	Ratio	Lower	Upper
95	100		
97	66.2	43.9	81.5
132	101.6	68.7	127.7
130	105.0	72.1	133.9



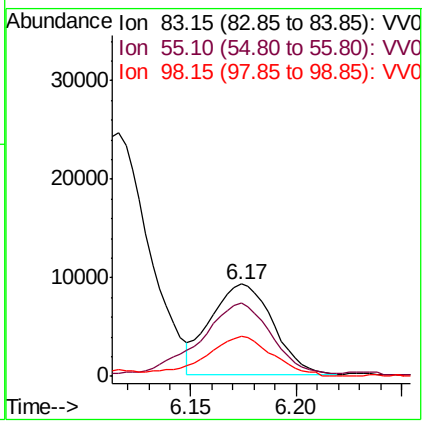


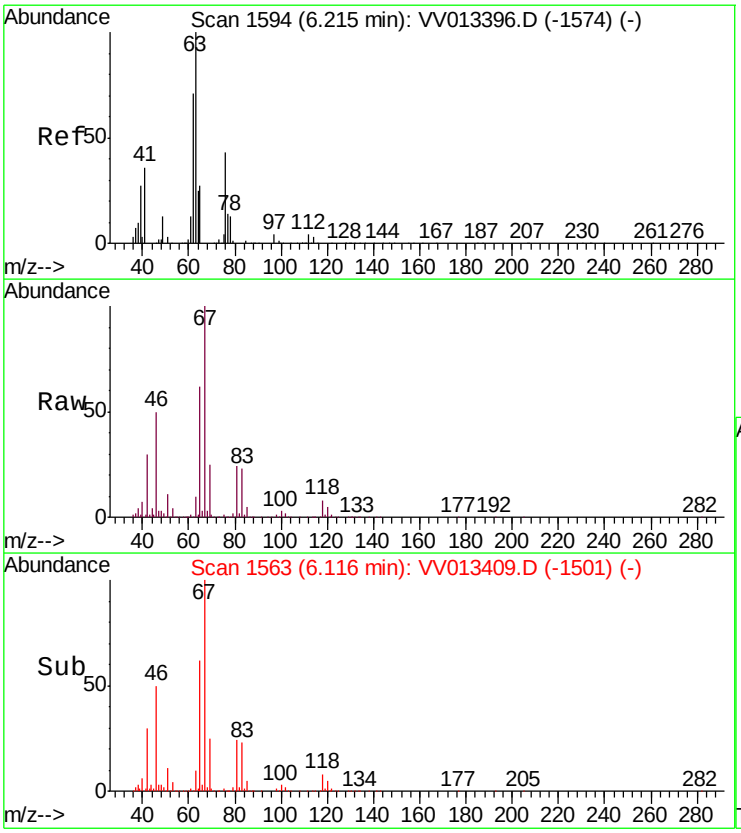
#35
Methylcyclohexane
Concen: 0.314 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Tgt Ion: 83 Resp: 18931

Ion	Ratio	Lower	Upper
83	100		
55	93.4	66.0	99.0
98	47.8	38.2	57.4

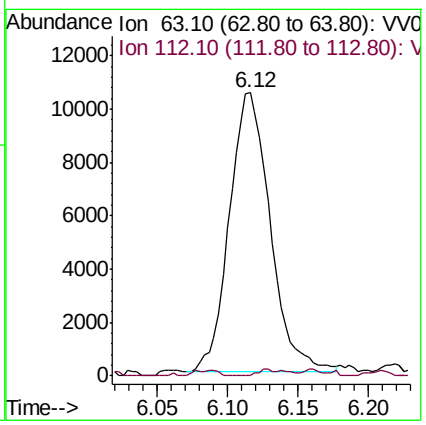


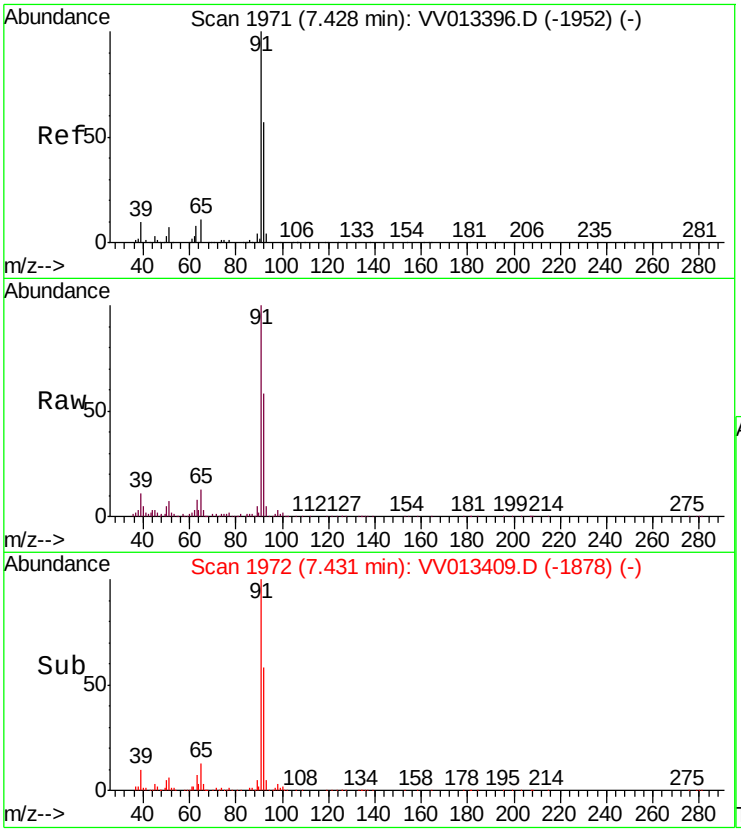


#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 63 Resp: 21187

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.6	5.4#



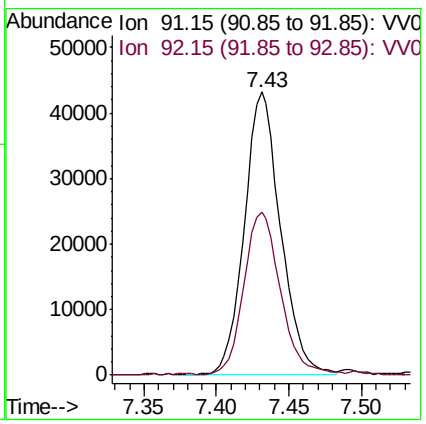


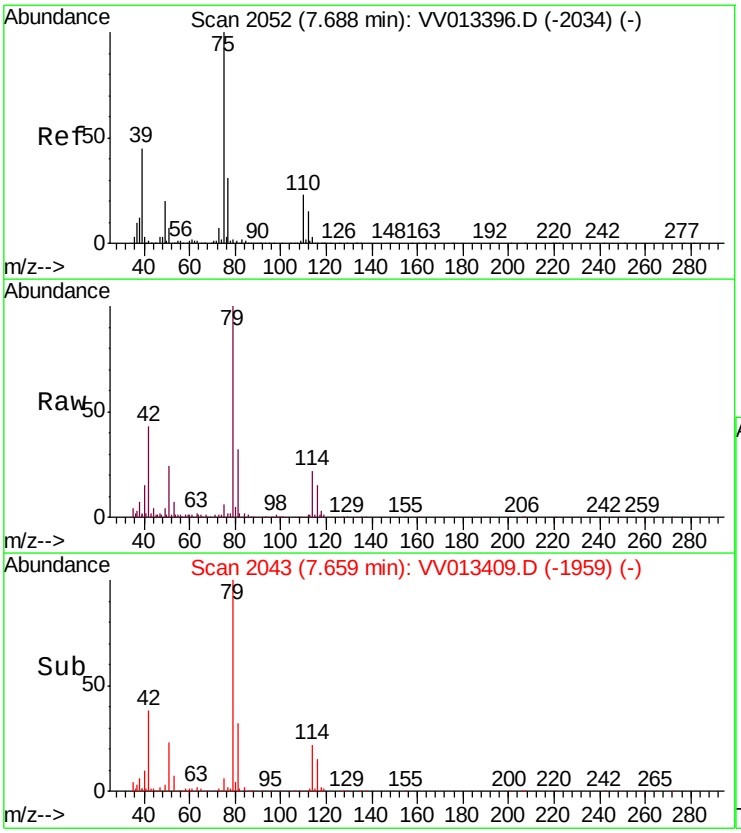
#42
Toluene
Concen: 0.491 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Tgt Ion: 91 Resp: 75383

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.3	74.8

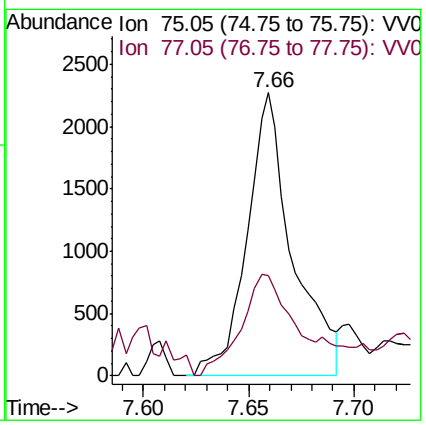


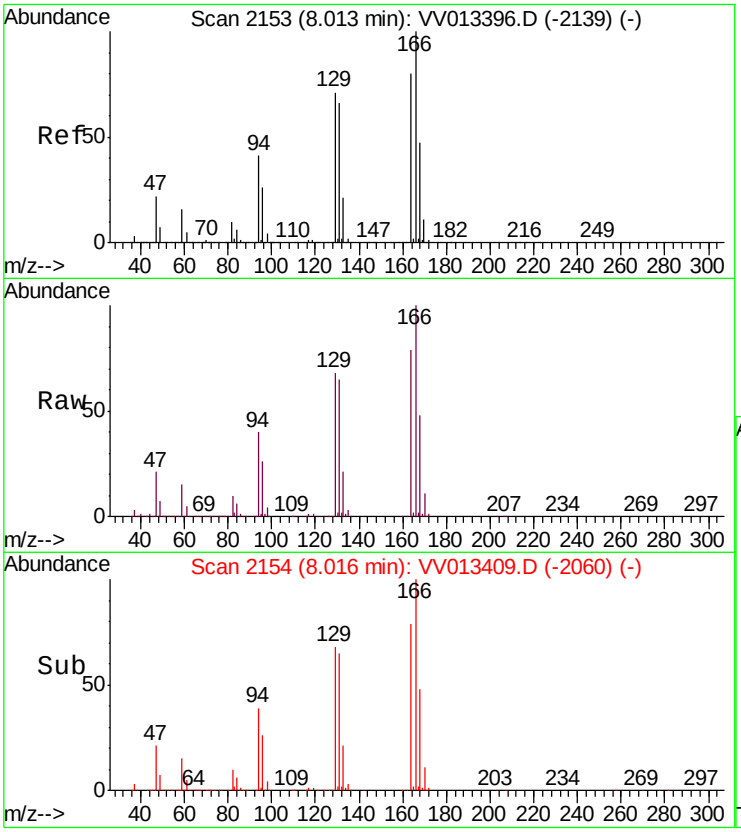


#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 75 Resp: 3417

Ion	Ratio	Lower	Upper
75	100		
77	35.4	21.5	39.9



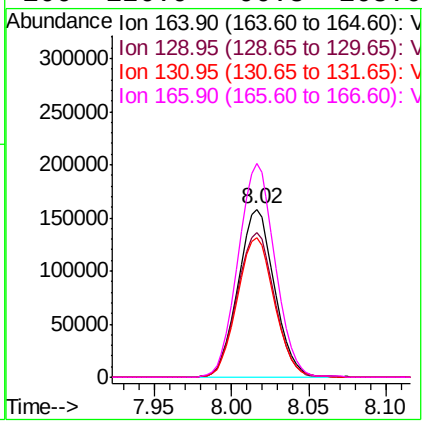


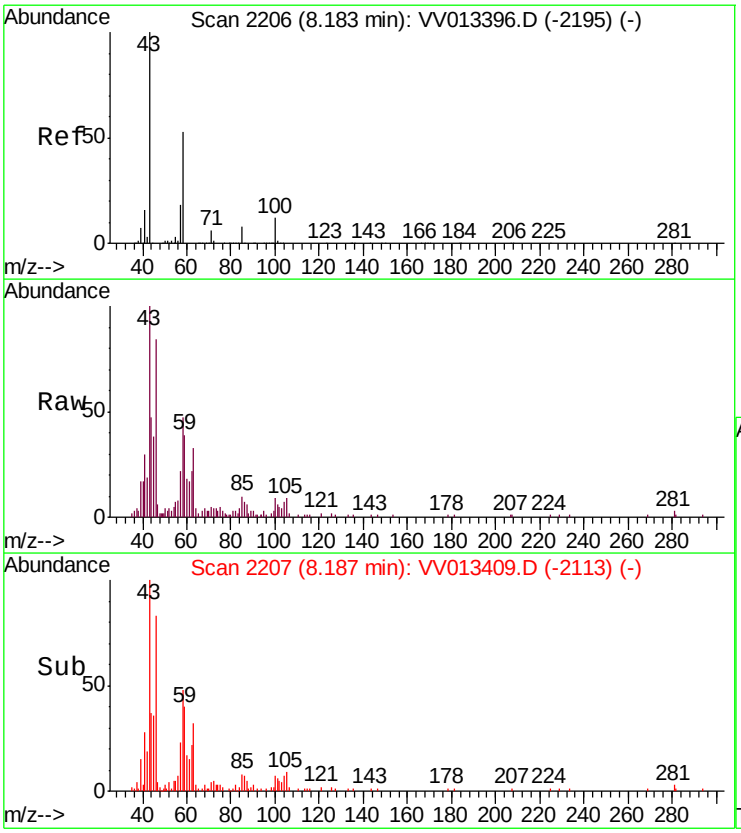
#47
Tetrachloroethene
Concen: 7.565 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument :
MSVOA_V
ClientSampleId :
GAQD8

Tgt Ion:164 Resp: 259200

Ion	Ratio	Lower	Upper
164	100		
129	86.1	63.4	117.8
131	82.7	60.3	112.1
166	126.9	90.8	168.6

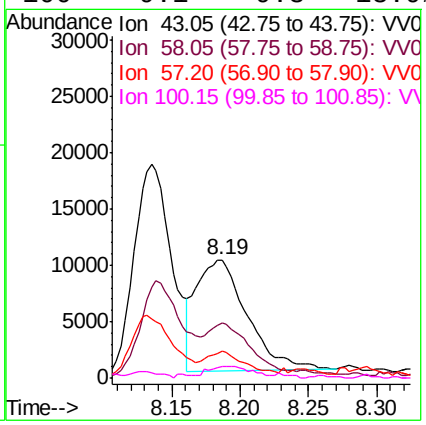


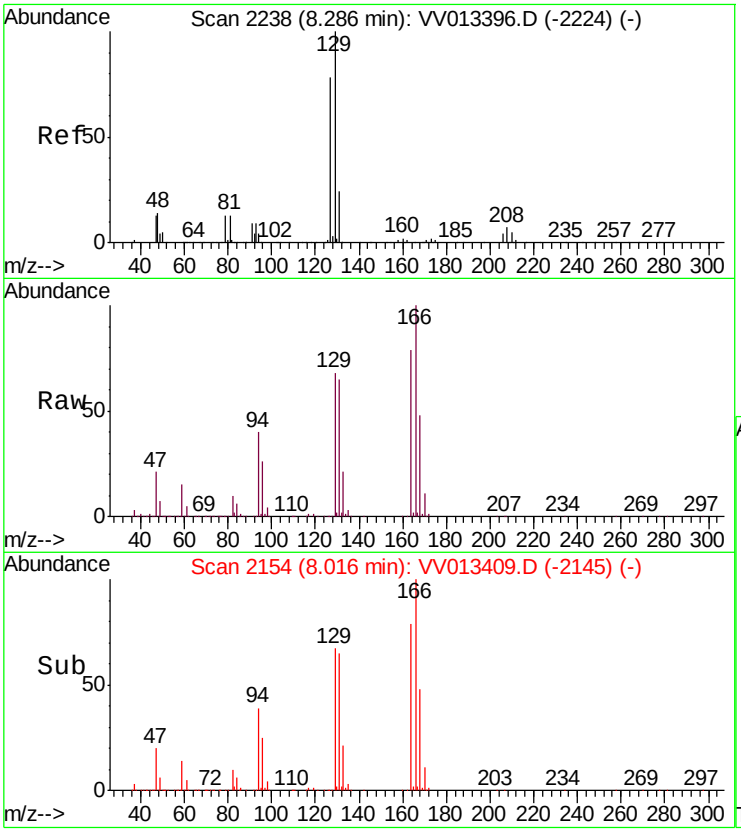


#48
2-Hexanone
Concen: 1.726 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 43 Resp: 25587

Ion	Ratio	Lower	Upper
43	100		
58	41.7	43.5	65.3#
57	19.1	14.3	21.5
100	9.1	9.3	13.9#



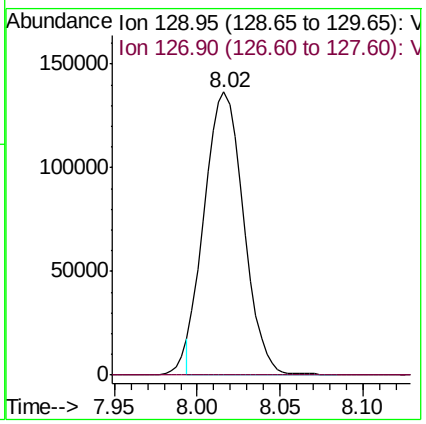


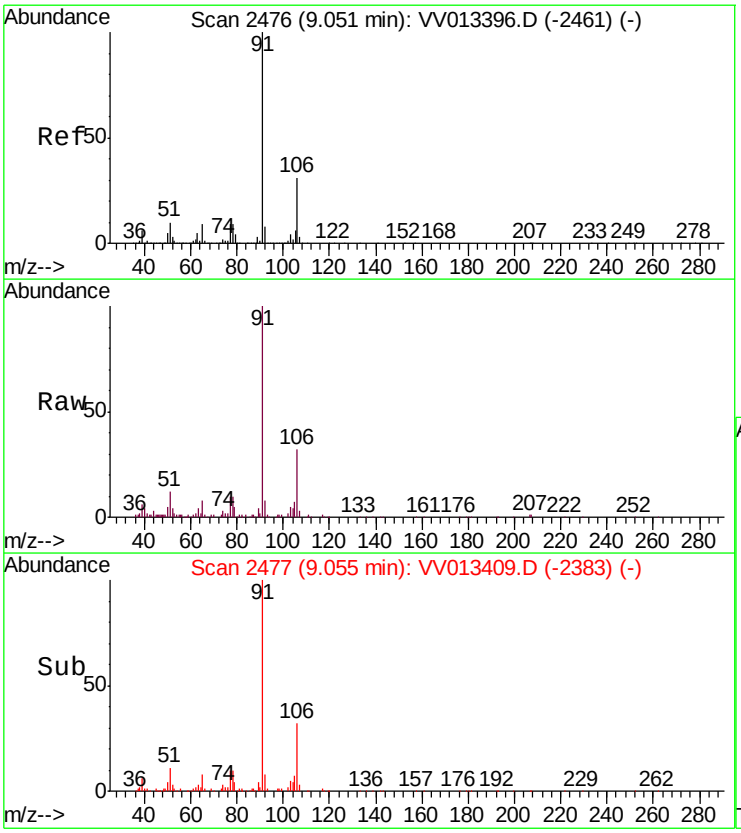
#49
Dibromochloromethane
Concen: 7.276 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument : MSVOA_V
ClientSampleId : GAQD8

Tgt Ion:129 Resp: 223171

Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.8	100.0#

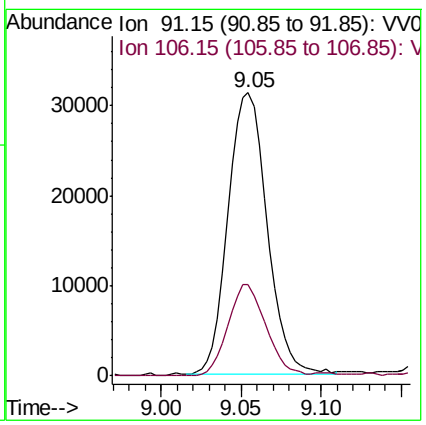


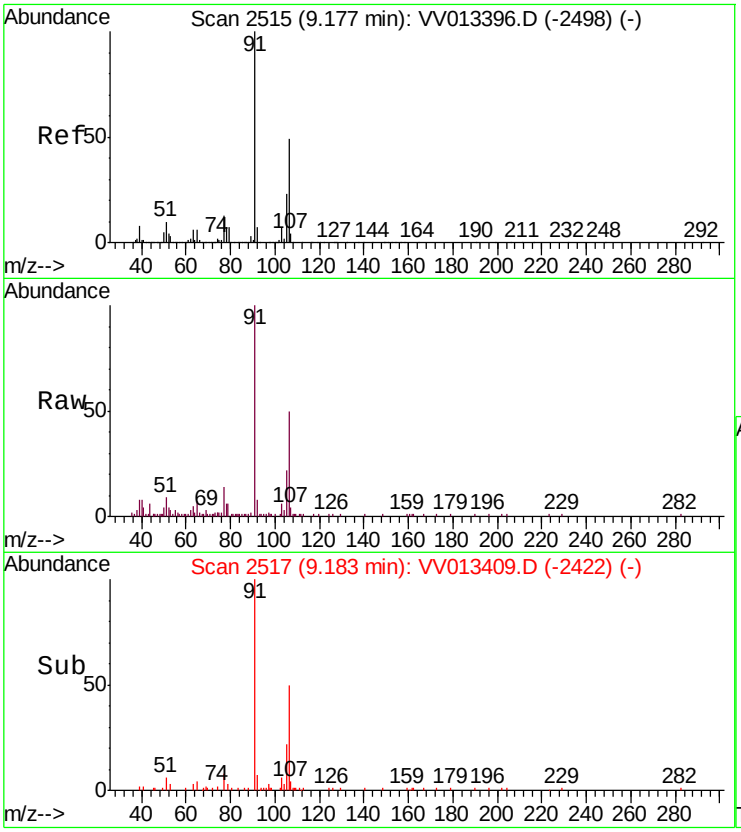


#52
Ethylbenzene
Concen: 0.321 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion: 91 Resp: 52225

Ion	Ratio	Lower	Upper
91	100		
106	32.2	21.5	39.9



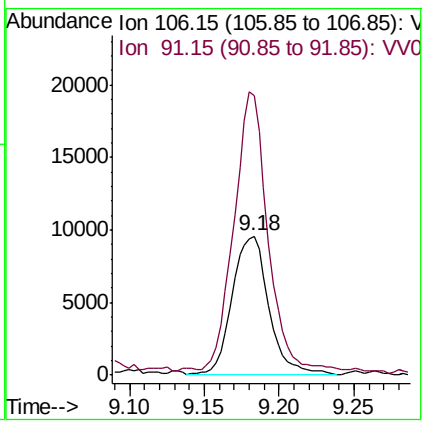


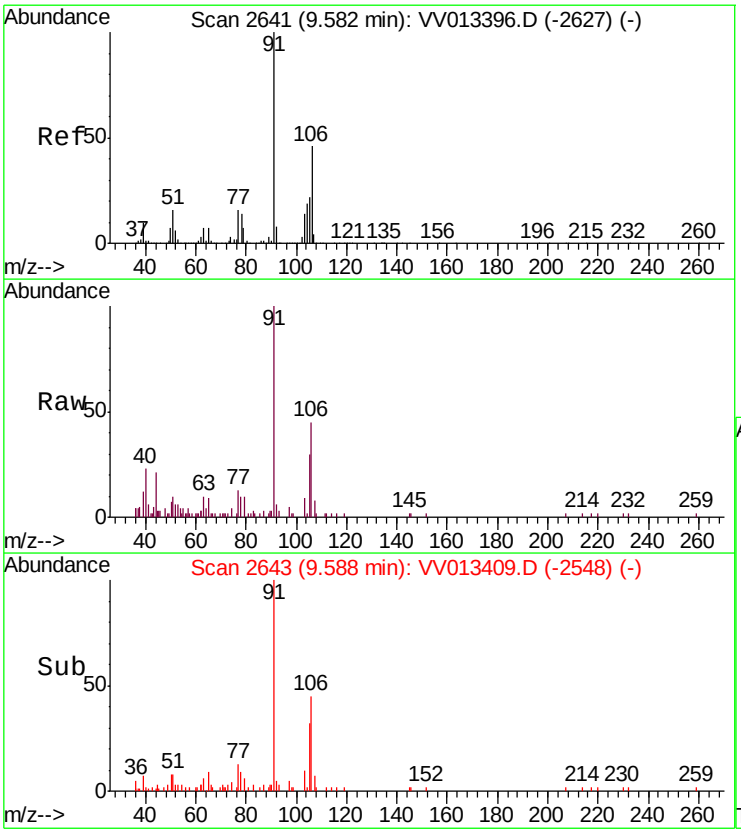
#53
m,p-xylene
Concen: 0.273 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument : MSVOA_V
ClientSampleId : GAQD8

Tgt Ion:106 Resp: 16408

Ion	Ratio	Lower	Upper
106	100		
91	201.2	144.3	267.9

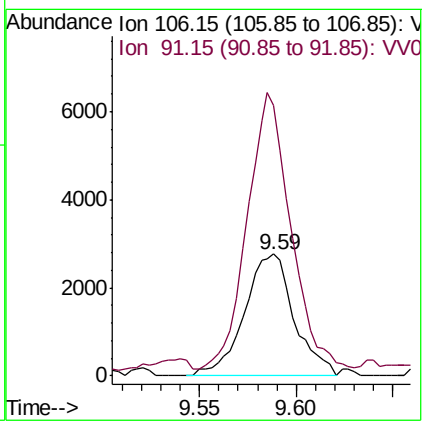


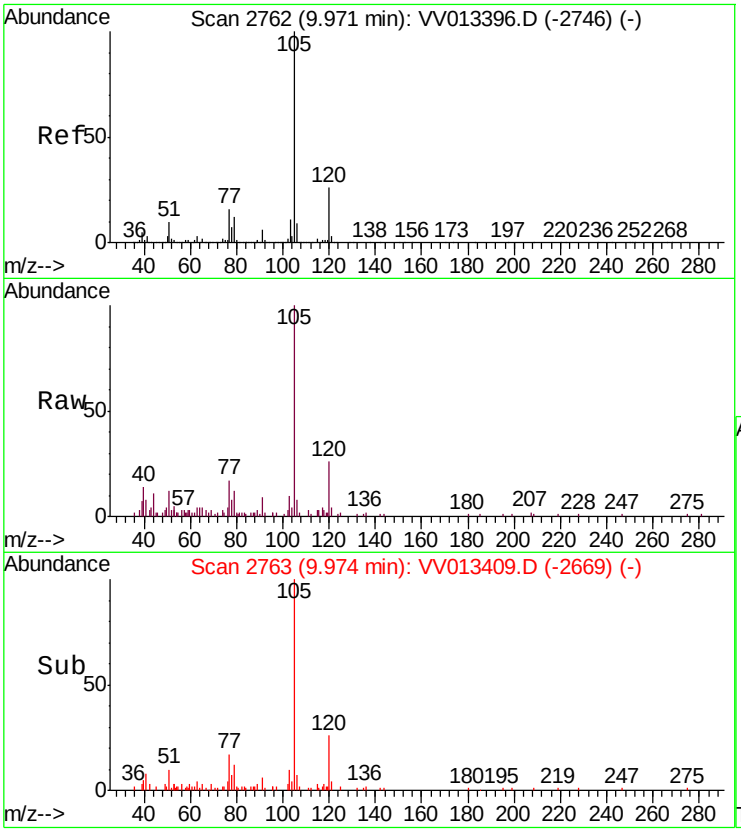


#54
o-xylene
Concen: 0.085 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion:106 Resp: 4933

Ion	Ratio	Lower	Upper
106	100		
91	222.1	151.5	281.5



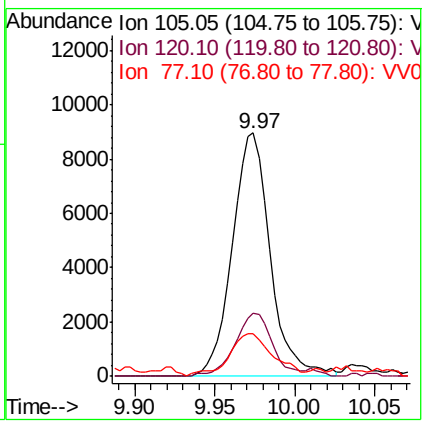


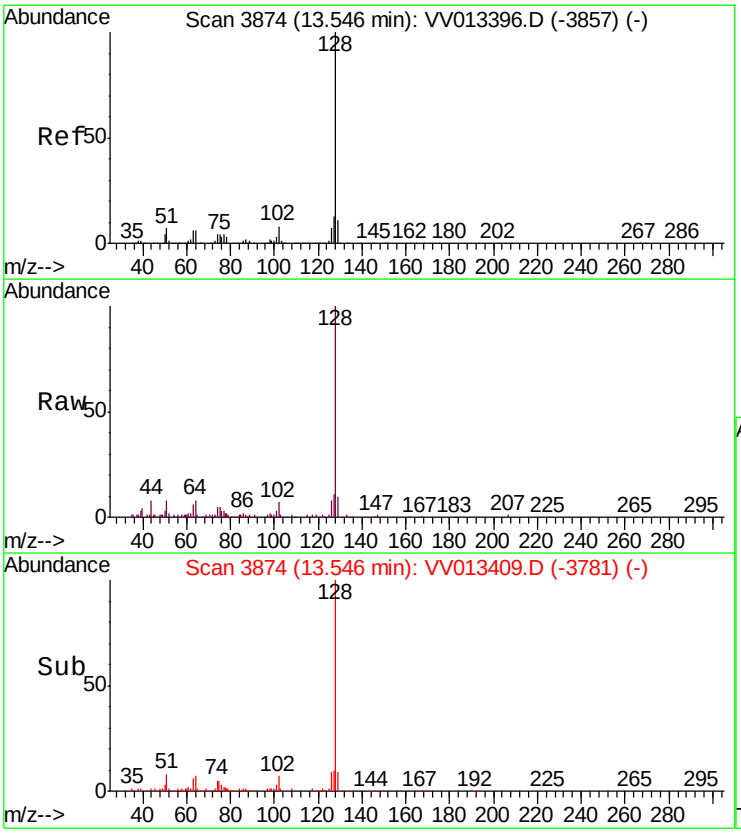
#56
Isopropylbenzene
Concen: 0.092 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Instrument : MSVOA_V
ClientSampleId : GAQD8

Tgt Ion:105 Resp: 14484

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.6
77	20.2	12.9	19.3#





#69
Naphthalene
Concen: 0.761 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV013409.D
Acq: 29 Oct 2019 21:29

Tgt Ion:128 Resp: 47661

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.6	10.6	16.0