Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\

Quantitation Report (Not Reviewed)

Data File : VV012297.D
Acq On : 20 Aug 2019 00:32
Operator : SY/MD
Sample : K4373-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AD6

Quant Time: Aug 20 02:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	241827	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	227479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111894	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	68579	5.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.00%			
7) Chloroethane-d5	1.58	69	47066	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.13	63	77638	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	3.94	46	106673	32.02	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 64.04%			
24) Chloroform-d	4.40	84	145727	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.08	65	74519	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
32) Benzene-d6	5.10	84	300831	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.12	67	92126	5.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.20%			
41) Toluene-d8	7.36	98	263097	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	7.66	79	30050	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.13	63	140939	61.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.24%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	67222	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	109327	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1387	0.092	ug/L	87
8) Chloroethane	1.50	64	785	0.099	ug/L #	49
14) Carbon disulfide	2.32	76	36764	1.193	ug/L	97
25) Chloroform	4.42	83	9042	0.259	ug/L	92
33) Benzene	5.14	78	5853	0.093	ug/L	100
35) Methylcyclohexane	6.12	83	23305	0.844	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10352	0.703	ug/L #	81
42) Toluene	7.43	91	9201	0.132	ug/L	90
44) trans-1,3-Dichloropropene	7.66	75	1453	0.078	ug/L #	51
48) 2-Hexanone	8.13	43	16623	2.987	ug/L #	78
52) Ethylbenzene	9.05	91	7548	0.097	ug/L	98
53) m,p-xylene	9.18	106	8909	0.293	ug/L	92
54) o-xylene	9.59	106	11794	0.403	ug/L	93
56) Isopropylbenzene	9.97	105	23912	0.296	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.51	75	3252	1.791	ug/L #	1
69) Naphthalene	13.55	128	760048	24.326	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\

Quantitation Report (Not Reviewed)

Data File : VV012297.D
Acq On : 20 Aug 2019 00:32
Operator : SY/MD
Sample : K4373-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Quant Time: Aug 20 02:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

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

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

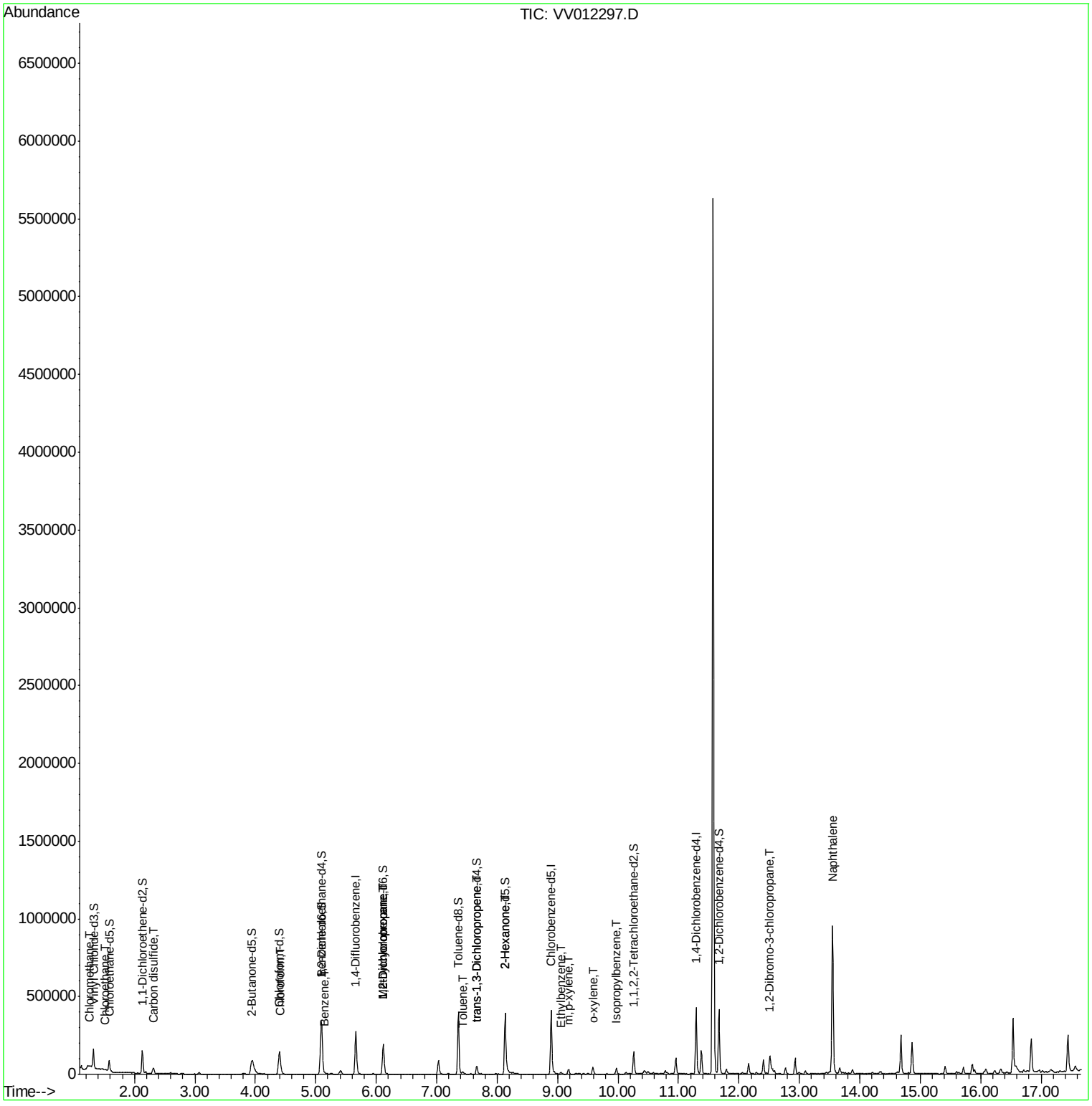
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\

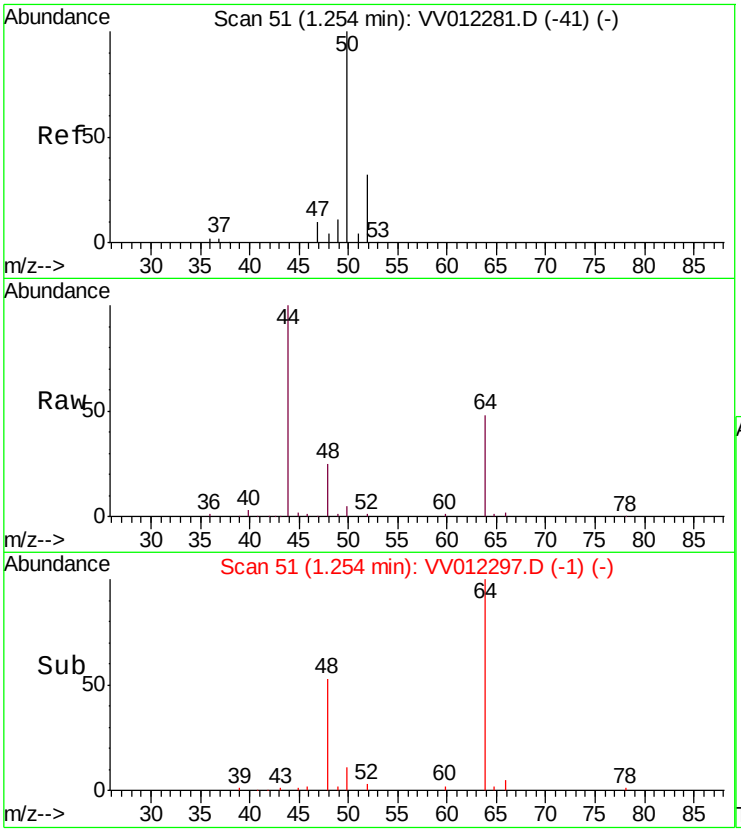
Quantitation Report (Not Reviewed)

Data File : VV012297.D
Acq On : 20 Aug 2019 00:32
Operator : SY/MD
Sample : K4373-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AD6

Quant Time: Aug 20 02:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration



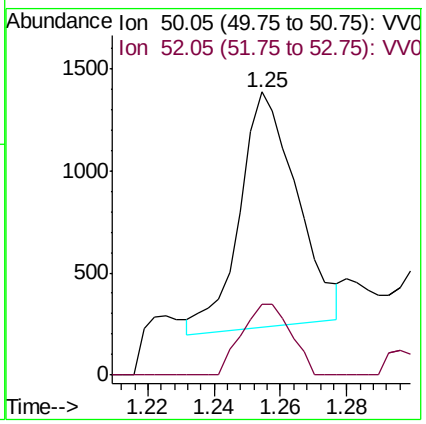


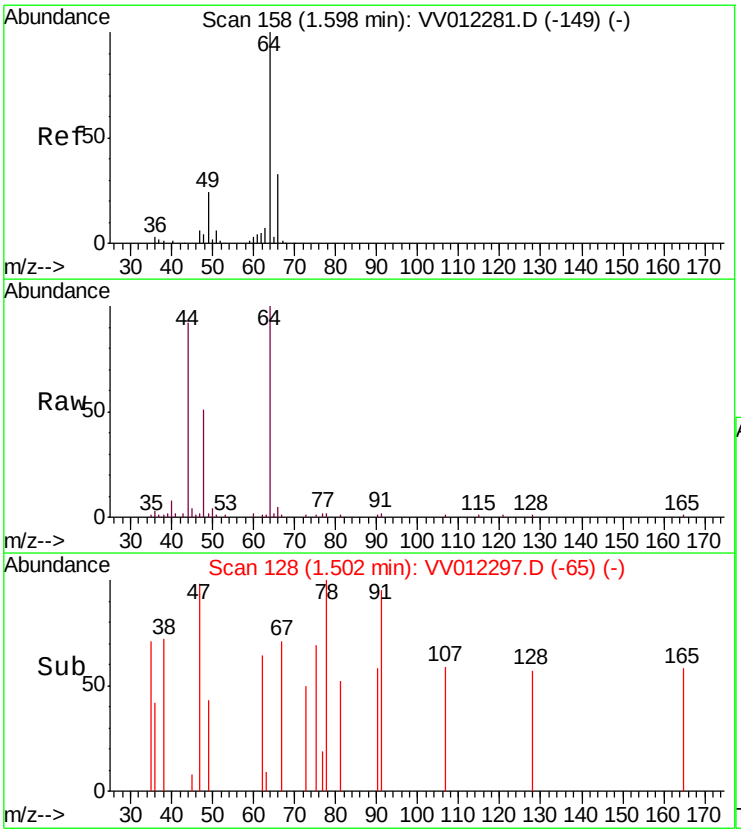
#3
Chloromethane
Concen: 0.092 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Tgt Ion: 50 Resp: 1387

Ion	Ratio	Lower	Upper
50	100		
52	25.0	22.6	42.0

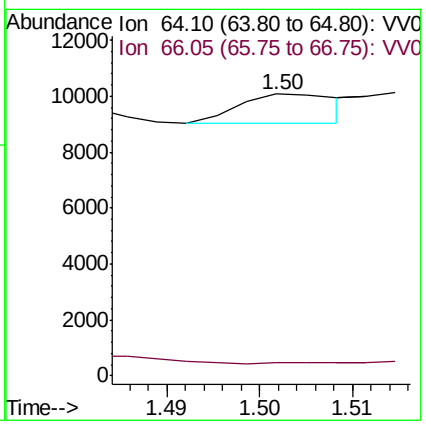


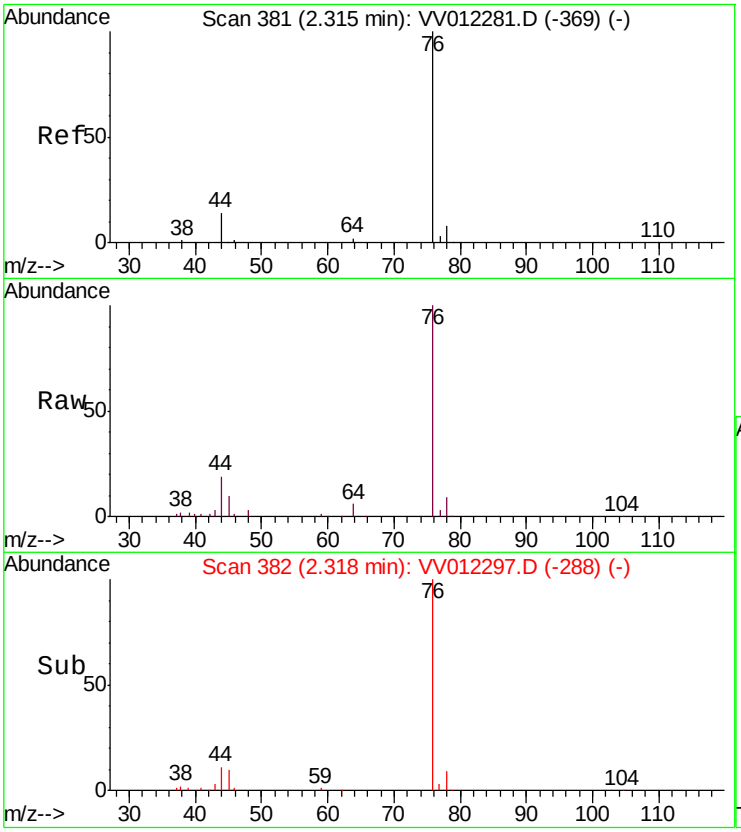


#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.50 min Scan# 128
Delta R.T. -0.10 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion: 64 Resp: 785

Ion	Ratio	Lower	Upper
64	100		
66	4.5	23.7	44.1#



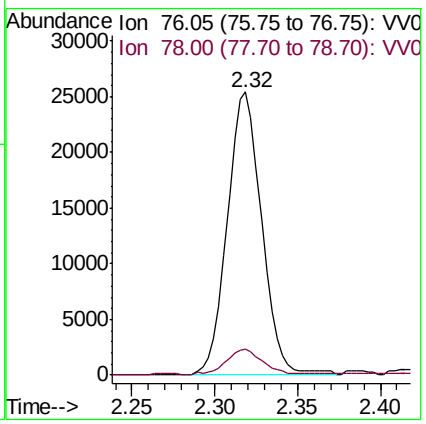


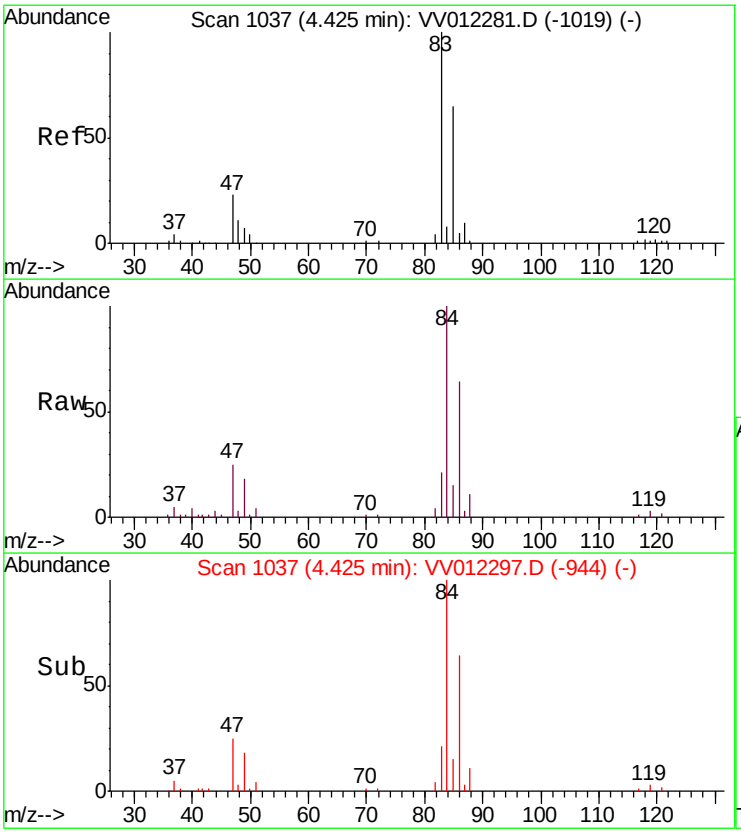
#14
Carbon disulfide
Concen: 1.193 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Tgt Ion: 76 Resp: 36764

Ion	Ratio	Lower	Upper
76	100		
78	9.2	8.3	12.5

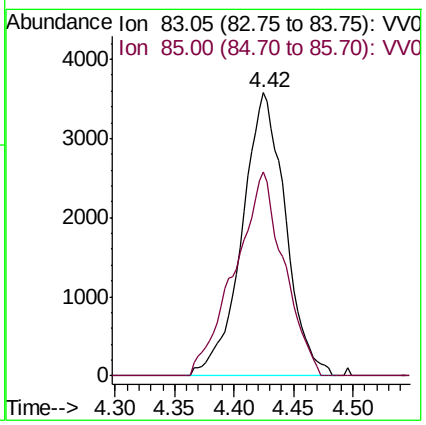


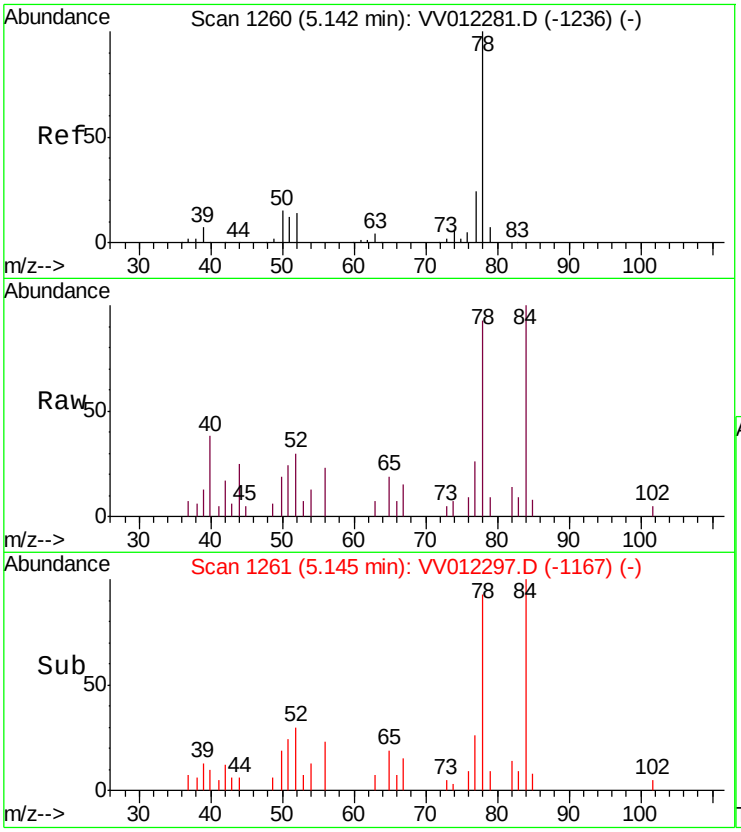


#25
Chloroform
Concen: 0.259 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion: 83 Resp: 9042

Ion	Ratio	Lower	Upper
83	100		
85	72.0	46.1	85.5

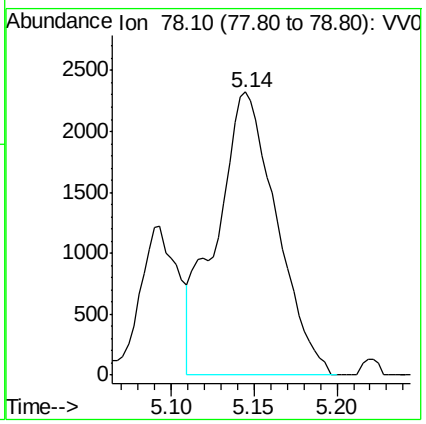


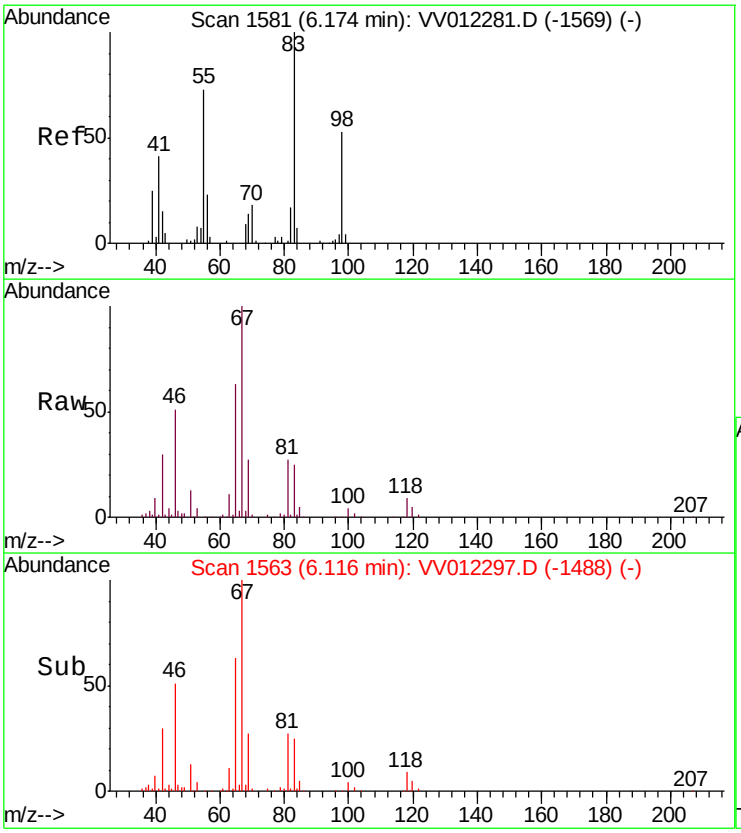


#33
Benzene
Concen: 0.093 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Tgt Ion: 78 Resp: 5853

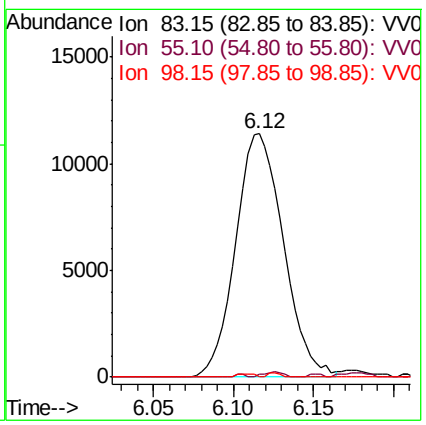


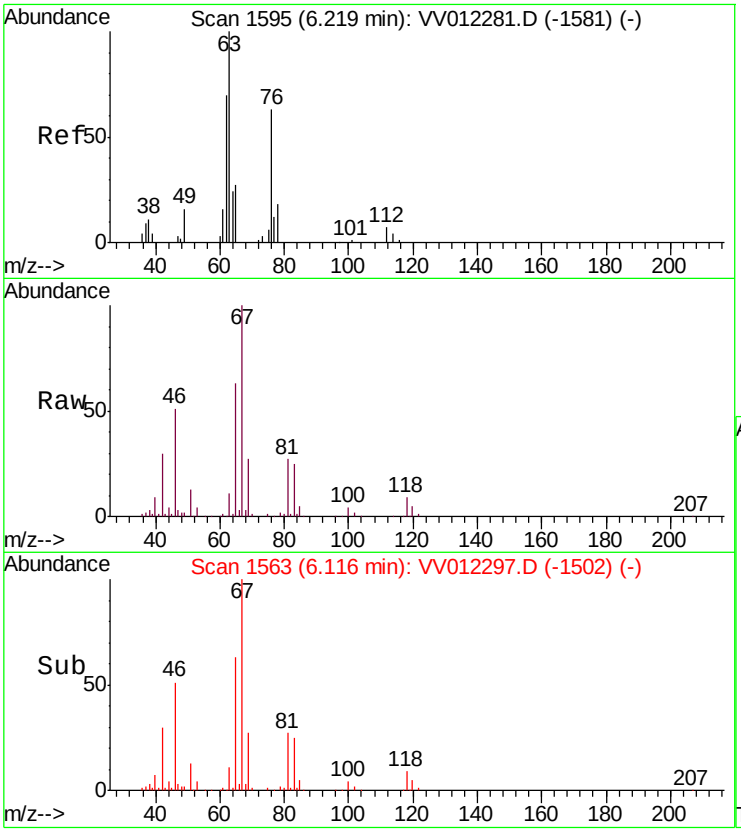


#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion: 83 Resp: 23305

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.3	85.9#
98	0.5	40.3	60.5#



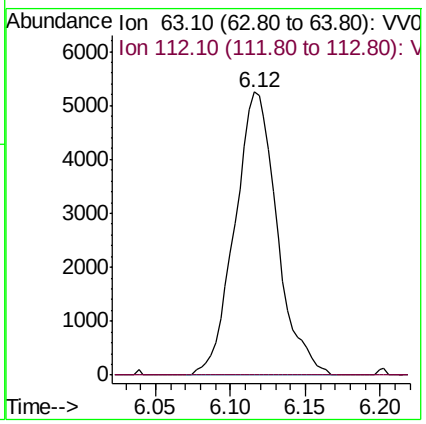


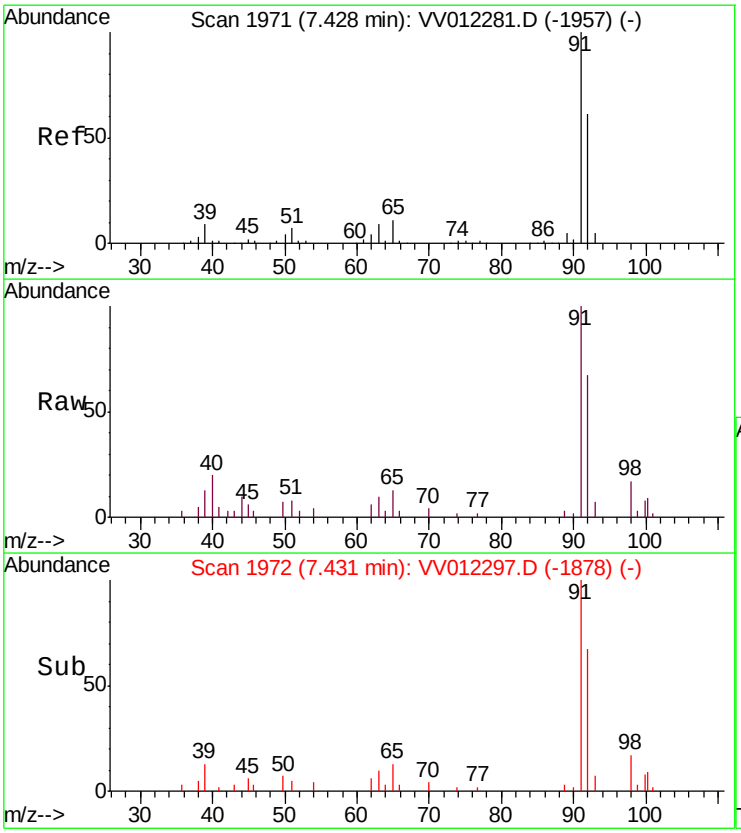
#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument : MSVOA_V
ClientSampleId : C0AD6

Tgt Ion: 63 Resp: 10352

Ion	Ratio	Lower	Upper
63	100		
112	0.0	5.1	7.7#

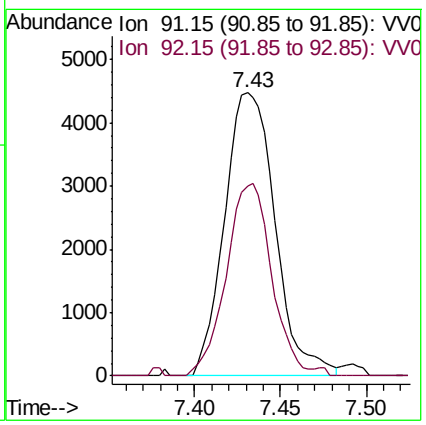


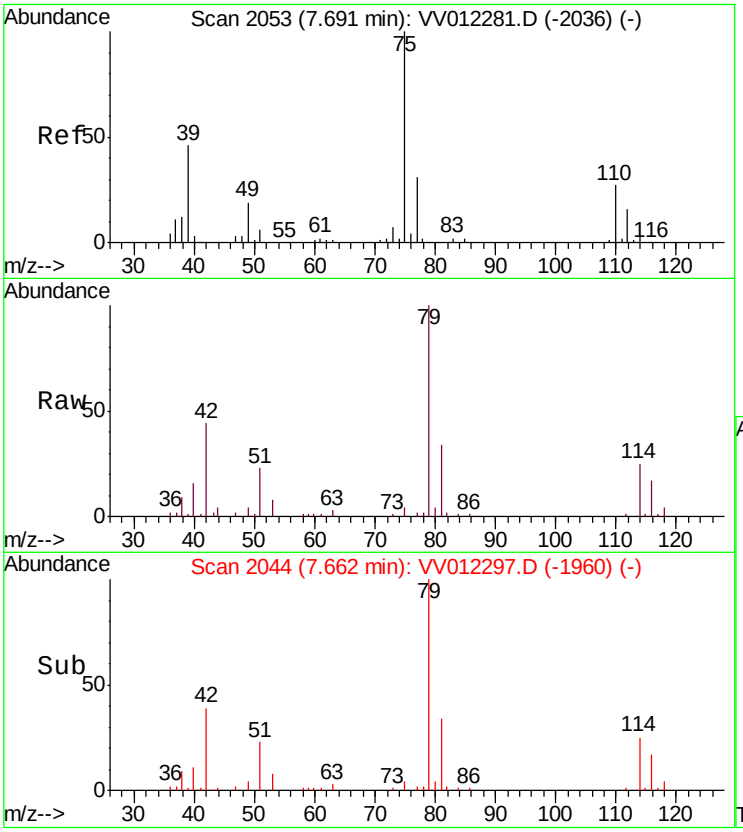


#42
Toluene
Concen: 0.132 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion: 91 Resp: 9201

Ion	Ratio	Lower	Upper
91	100		
92	67.0	41.6	77.3



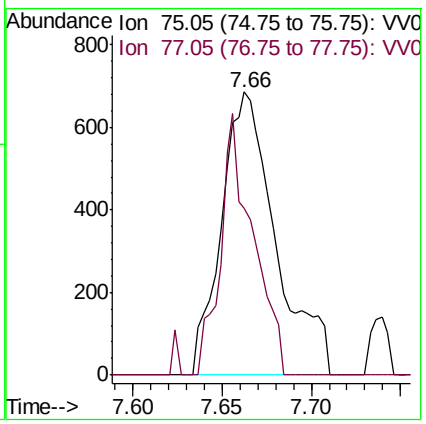


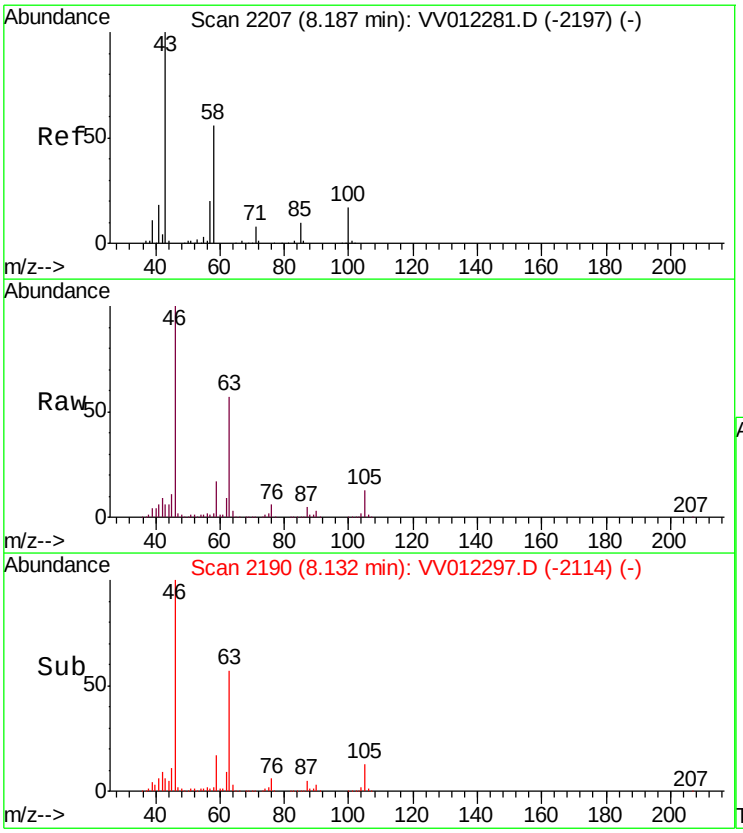
#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Tgt Ion: 75 Resp: 1453

Ion	Ratio	Lower	Upper
75	100		
77	58.7	22.1	41.1#

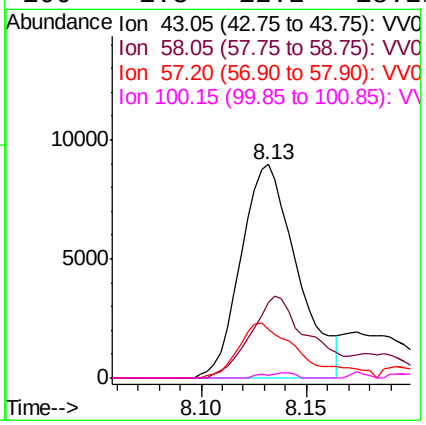


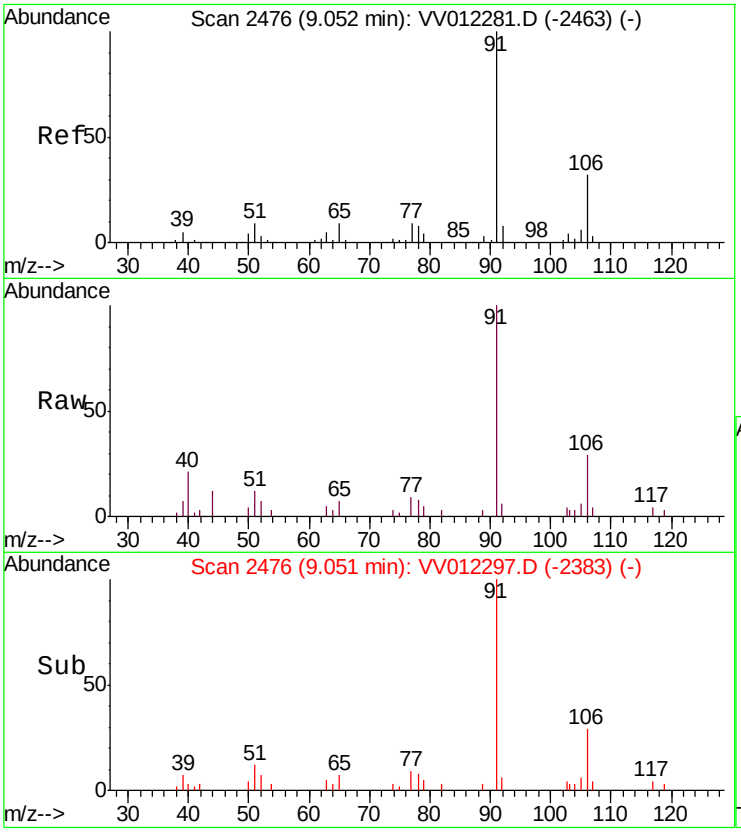


#48
2-Hexanone
Concen: 2.987 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion: 43 Resp: 16623

Ion	Ratio	Lower	Upper
43	100		
58	41.0	45.4	68.2#
57	28.1	16.8	25.2#
100	1.3	12.2	18.2#



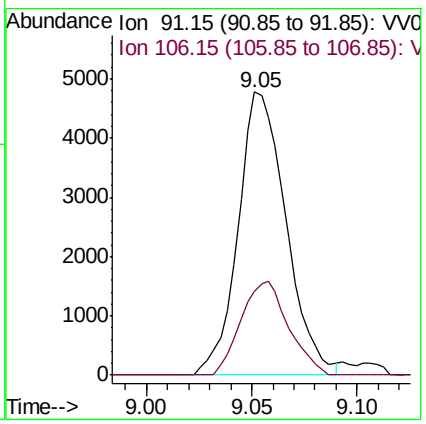


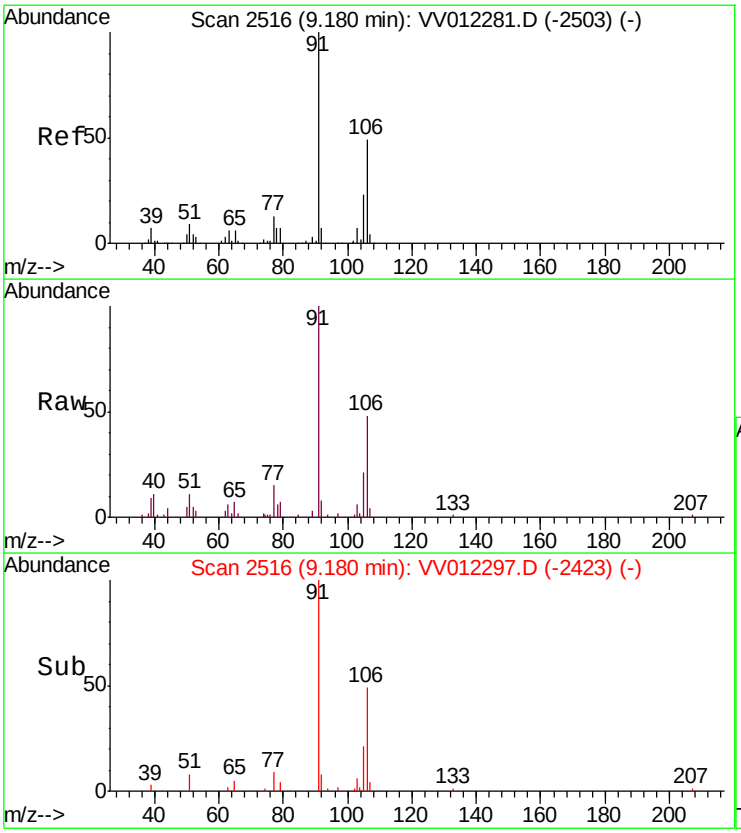
#52
Ethylbenzene
Concen: 0.097 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument : MSVOA_V
ClientSampleId : C0AD6

Tgt Ion: 91 Resp: 7548

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.6	40.0

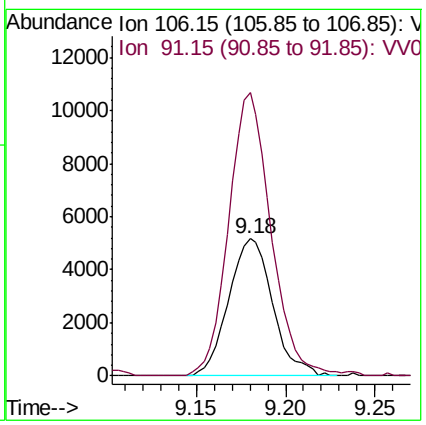


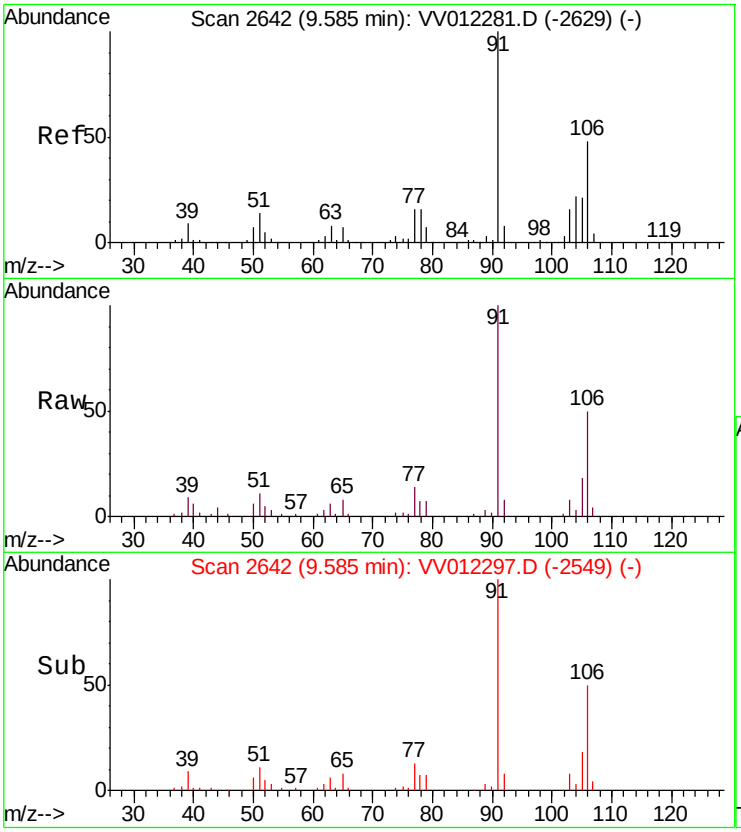


#53
m,p-xylene
Concen: 0.293 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion:106 Resp: 8909

Ion	Ratio	Lower	Upper
106	100		
91	206.7	136.0	252.6



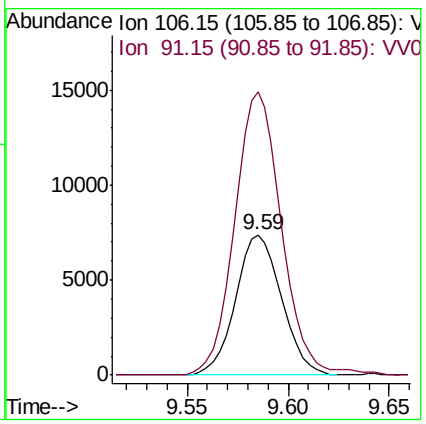


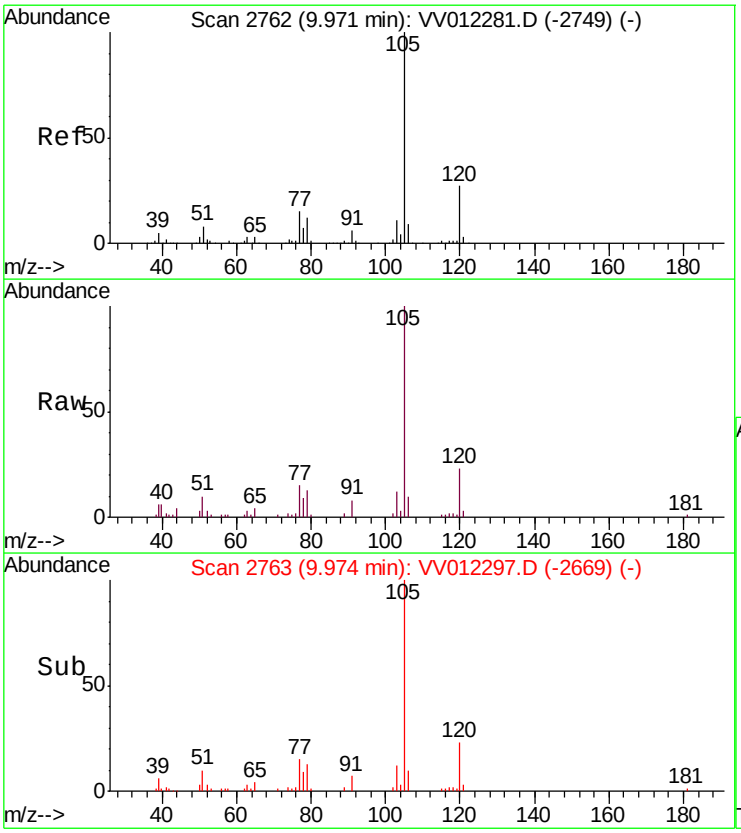
#54
o-xylene
Concen: 0.403 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Tgt Ion:106 Resp: 11794

Ion	Ratio	Lower	Upper
106	100		
91	201.6	148.7	276.1

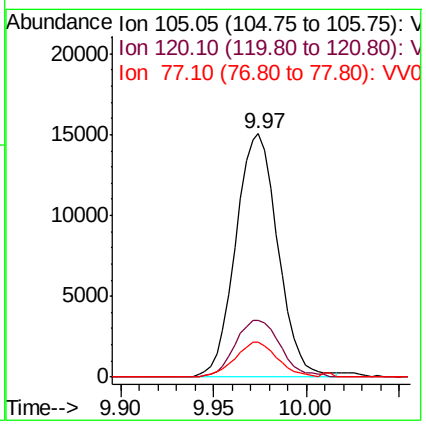


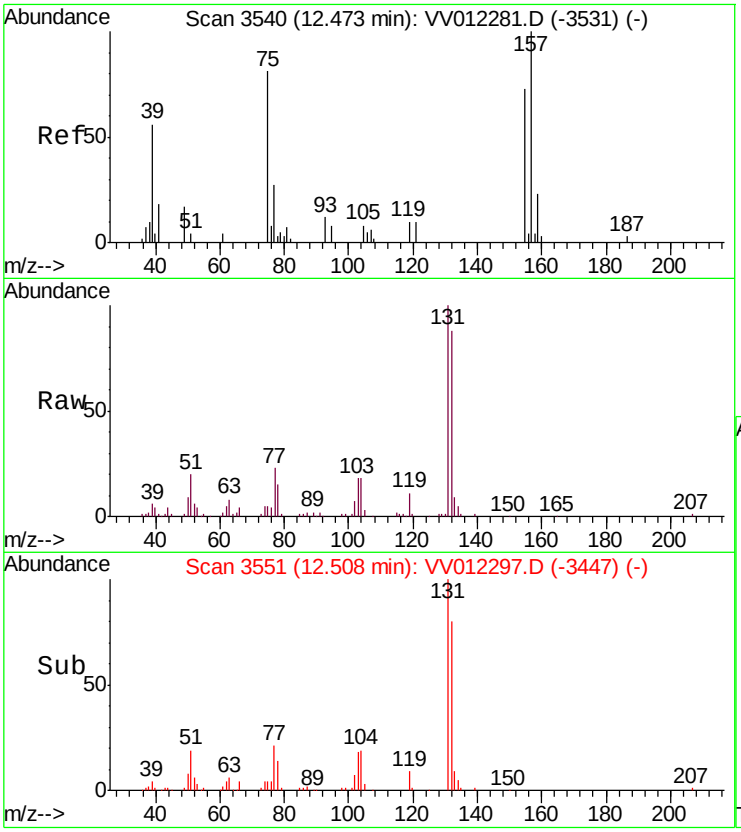


#56
Isopropylbenzene
Concen: 0.296 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion:105 Resp: 23912

Ion	Ratio	Lower	Upper
105	100		
120	25.1	21.4	32.0
77	14.5	12.2	18.2



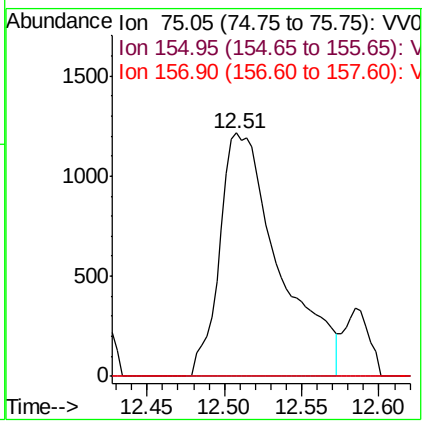


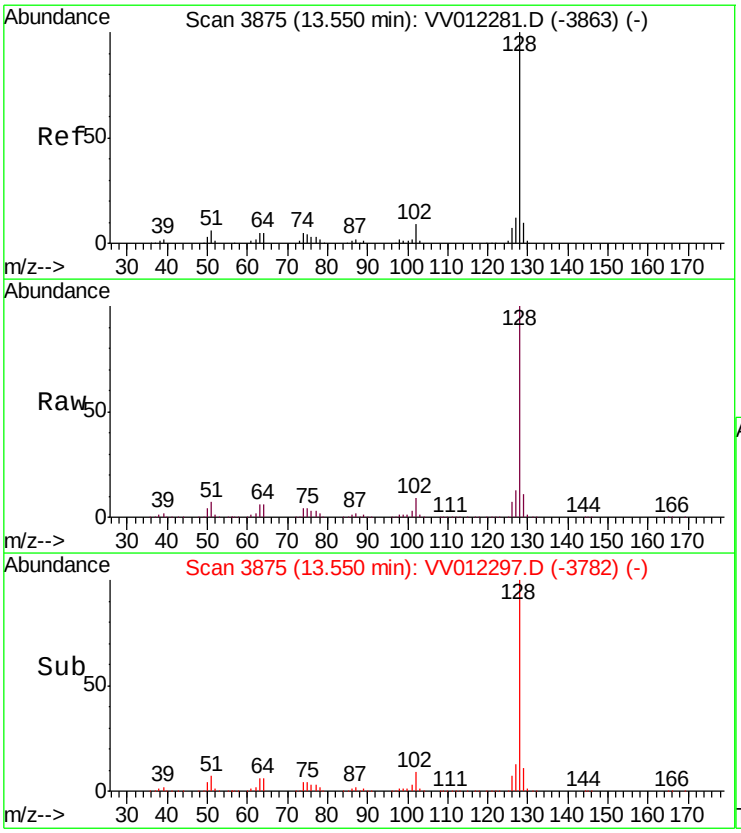
#66
1,2-Dibromo-3-chloropropane
Concen: 1.791 ug/L
RT: 12.51 min Scan# 3551
Delta R.T. 0.04 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument : MSVOA_V
ClientSampleId : C0AD6

Tgt Ion: 75 Resp: 3252

Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.4	102.6#
157	0.0	92.6	139.0#





#69
Naphthalene
Concen: 24.326 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. -0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion:128 Resp: 760048

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	12.8	10.5	15.7