Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082019\

Quantitation Report (Not Reviewed)

Data File : VV012310.D
Acq On : 20 Aug 2019 14:11
Operator : SY/MD
Sample : K4373-14DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AD2DL

Quant Time: Aug 21 01:17:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133407	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23873	3.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.00%			
7) Chloroethane-d5	1.56	69	18093	3.63	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.60%			
11) 1,1-Dichloroethene-d2	2.12	63	42001	3.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%			
20) 2-Butanone-d5	3.93	46	83210	45.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.54%			
24) Chloroform-d	4.40	84	83220	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.08	65	44067	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.09	84	164321	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.11	67	43199	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.36	98	163093	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
43) trans-1,3-Dichloropropene-	7.66	79	20361	5.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.20%			
46) 2-Hexanone-d5	8.13	63	78413	63.00	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 126.00%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33679	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	72282	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	790	0.095	ug/L	95
6) Bromomethane	1.51	94	1150	0.254	ug/L	80
8) Chloroethane	1.60	64	402	0.092	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	501	0.074	ug/L #	14
13) Acetone	2.19	43	1226	1.275	ug/L	78
14) Carbon disulfide	2.31	76	1431	0.084	ug/L #	72
16) Methylene chloride	2.53	84	1163	0.182	ug/L	95
25) Chloroform	4.42	83	2589	0.135	ug/L	87
27) 1,2-Dichloroethane	5.14	62	1326	0.121	ug/L #	74
33) Benzene	5.14	78	172933	5.091	ug/L	100
35) Methylcyclohexane	6.11	83	12292	0.824	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	5365	0.675	ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	1448	0.115	ug/L #	56
42) Toluene	7.43	91	321545	8.553	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	824	0.082	ug/L #	80
45) 1,1,2-Trichloroethane	7.74	97	2288	0.375	ug/L #	17
52) Ethylbenzene	9.05	91	232969	5.538	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082019\

Quantitation Report (Not Reviewed)

Data File : VV012310.D
Acq On : 20 Aug 2019 14:11
Operator : SY/MD
Sample : K4373-14DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AD2DL

Quant Time: Aug 21 01:17:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-xylene	9.18	106	167020	10.171	ug/L		95
54) o-xylene	9.59	106	87627	5.548	ug/L		99
55) Styrene	9.60	104	17213	0.645	ug/L	#	47
56) Isopropylbenzene	9.97	105	16414	0.377	ug/L		99
59) 1,2,3-Trichloropropane	10.49	75	1072	0.218	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.50	75	22163	18.878	ug/L	#	1

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082019\

Quantitation Report (Not Reviewed)

Data File : VV012310.D
Acq On : 20 Aug 2019 14:11
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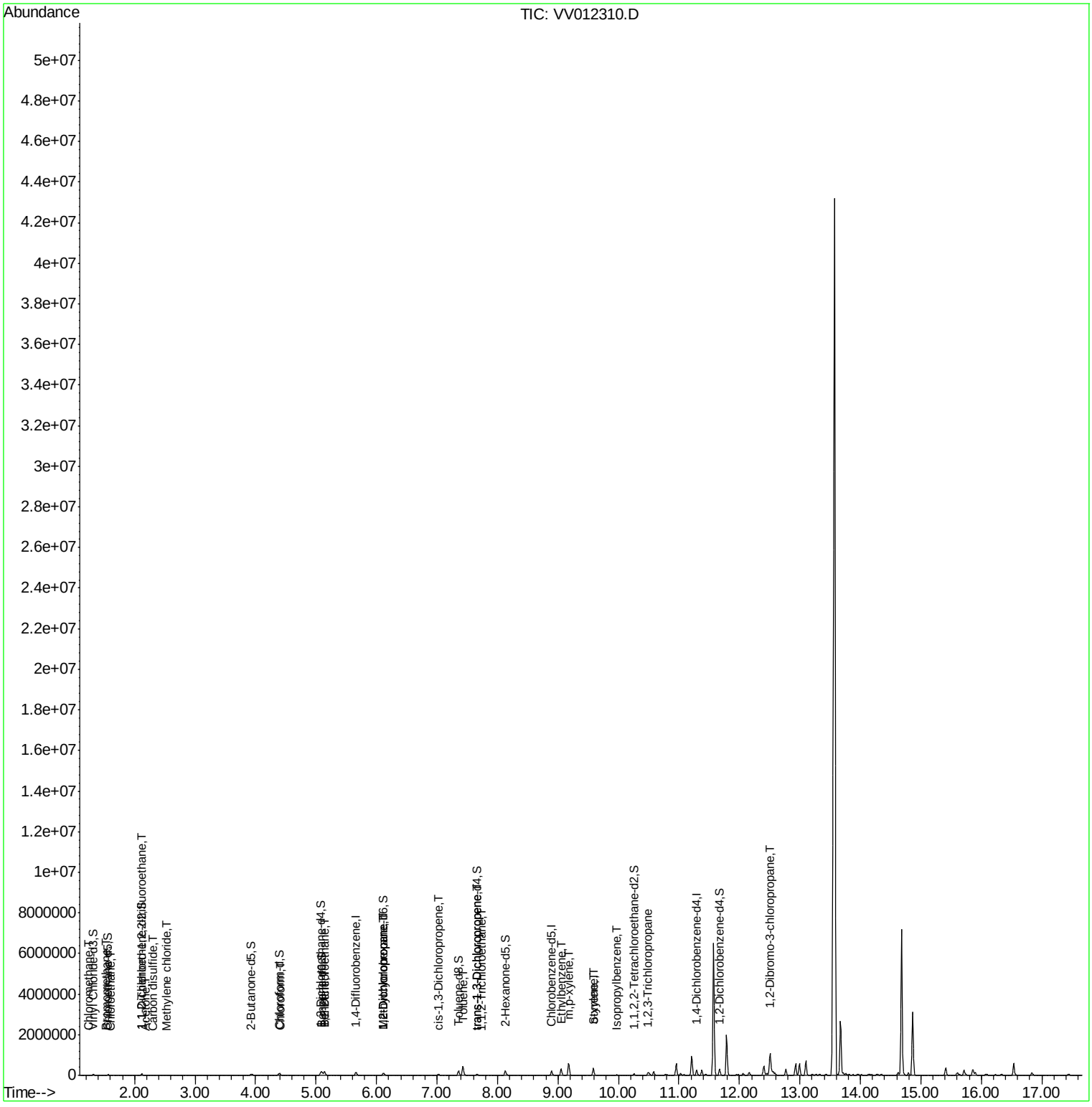
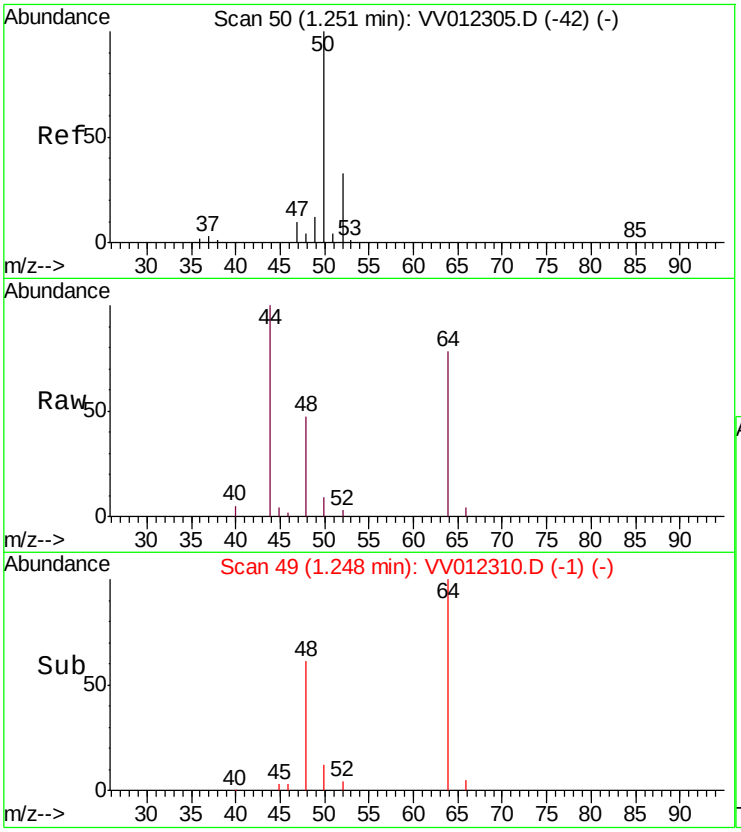
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration



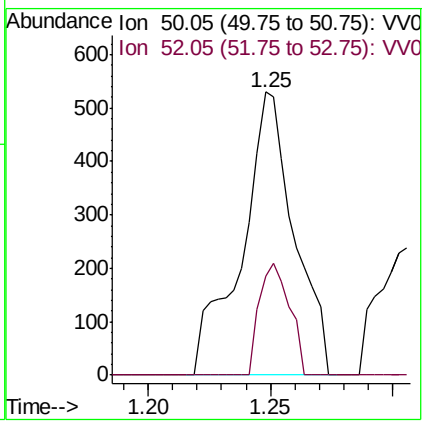


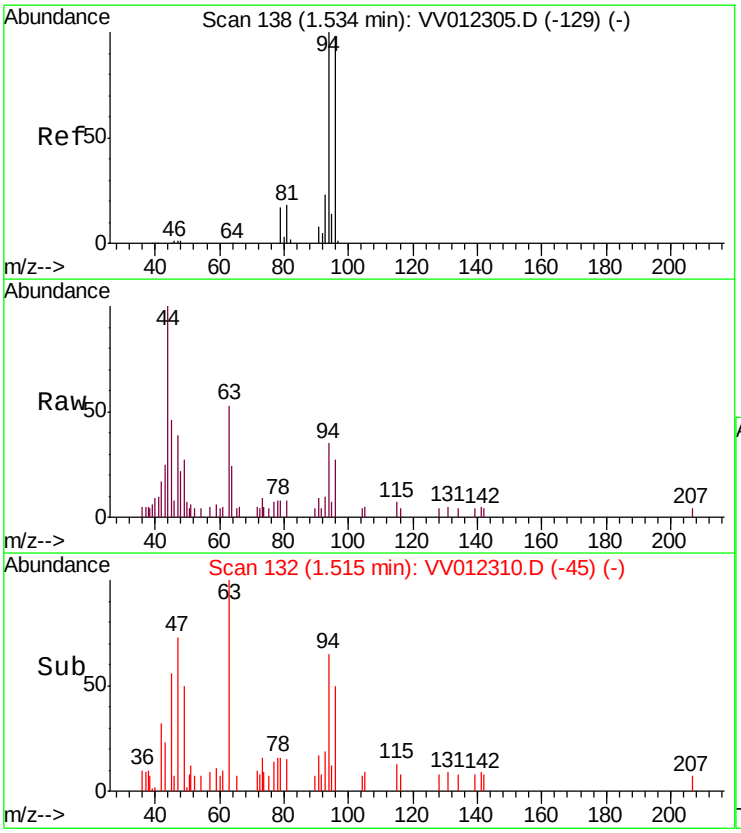
#3
Chloromethane
Concen: 0.095 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 50 Resp: 790

Ion	Ratio	Lower	Upper
50	100		
52	35.1	22.6	42.0

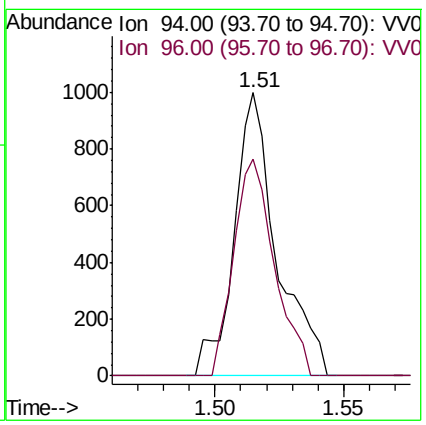


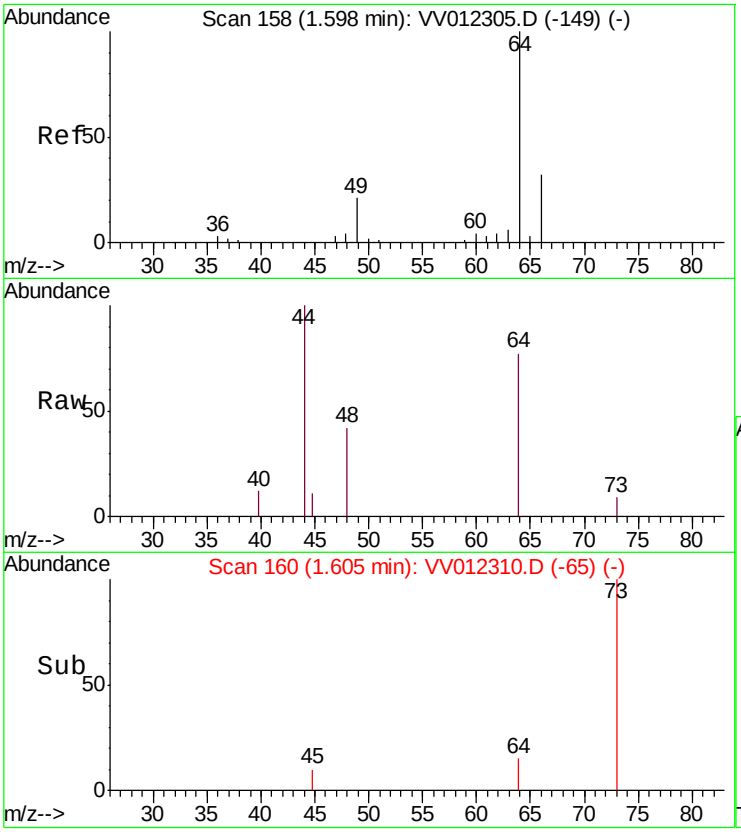


#6
Bromomethane
Concen: 0.254 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.02 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 94 Resp: 1150

Ion	Ratio	Lower	Upper
94	100		
96	76.8	67.3	125.1



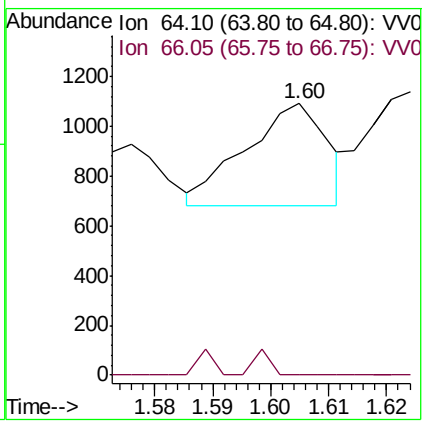


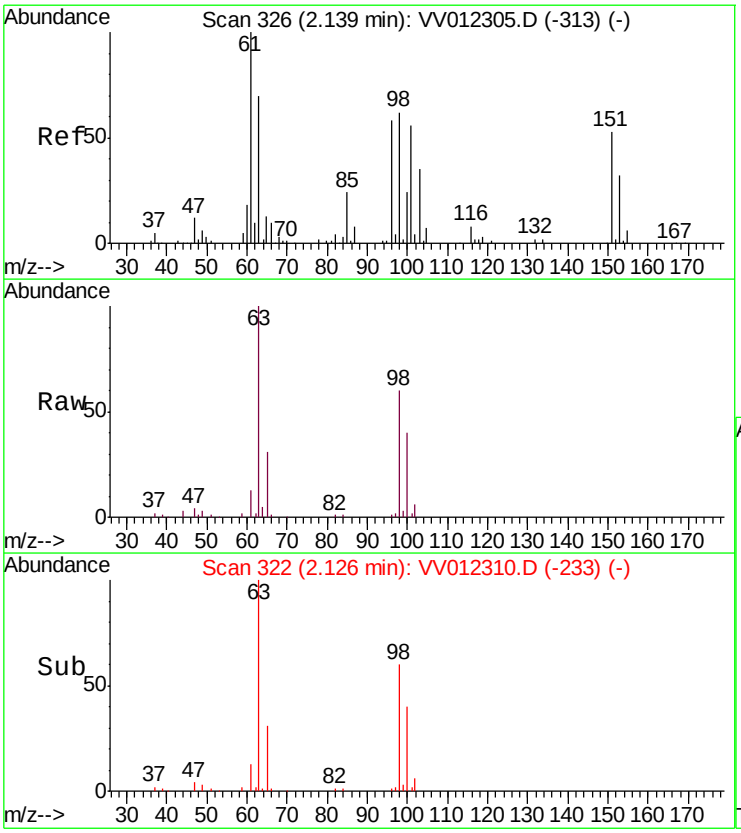
#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.60 min Scan# 160
Delta R.T. 0.01 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 64 Resp: 402

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.7	44.1#

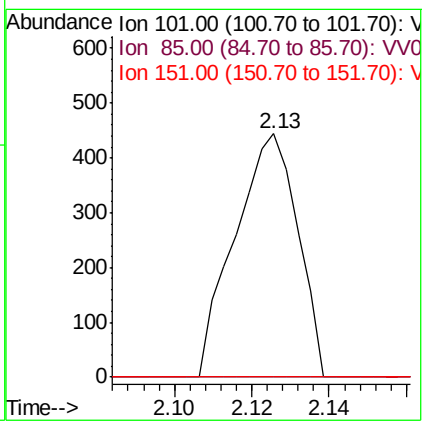


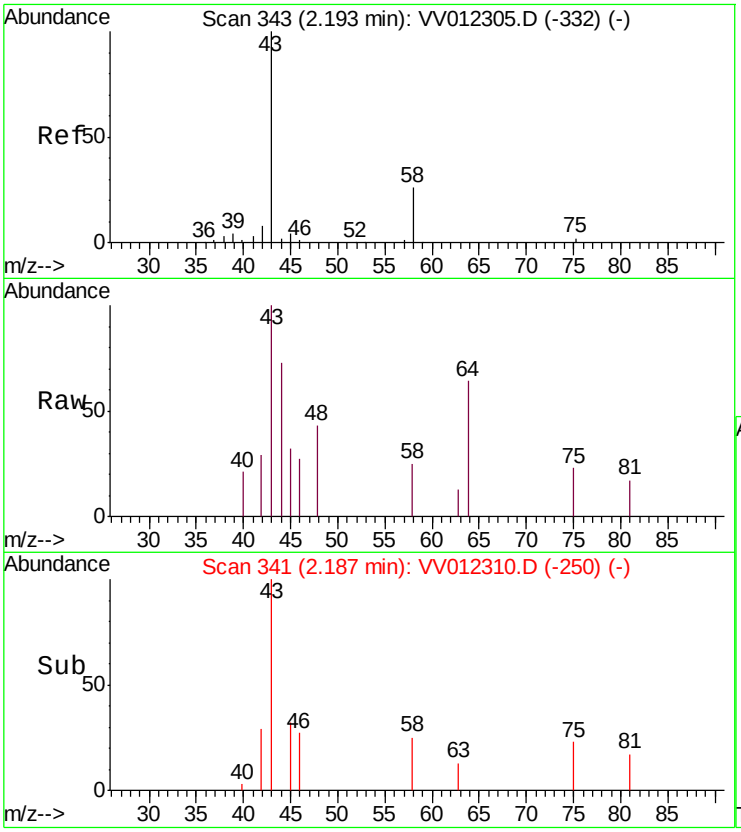


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion:101 Resp: 501

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.9	52.3#
151	0.0	71.5	107.3#



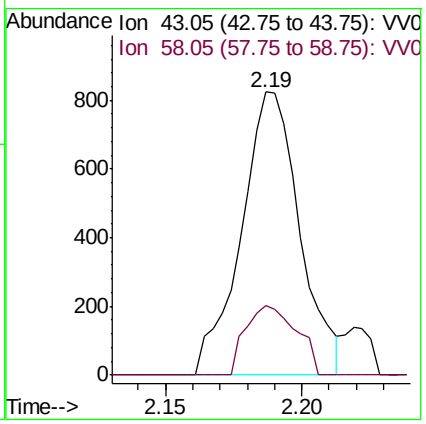


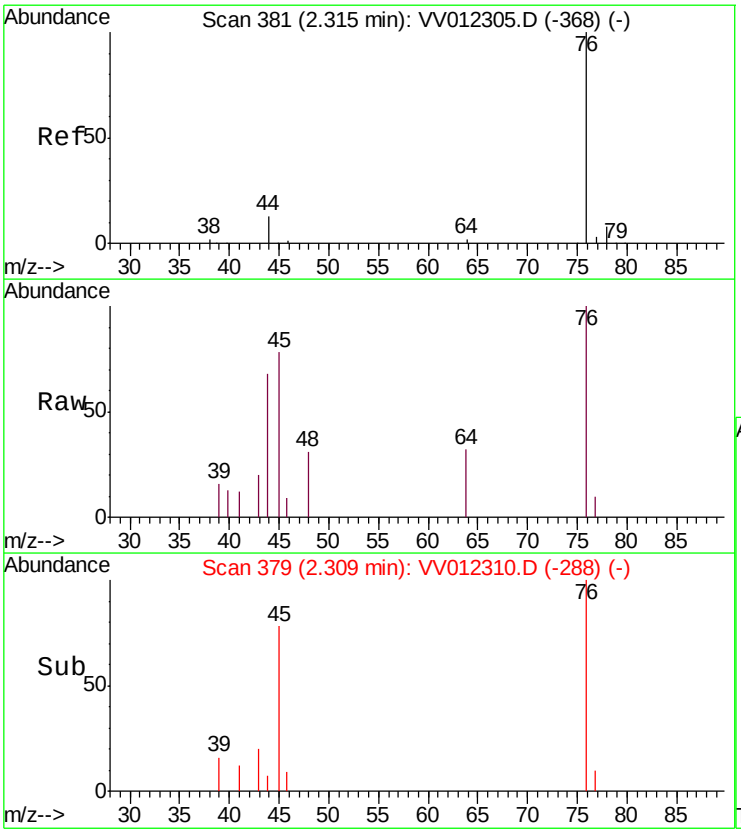
#13
Acetone
Concen: 1.275 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 43 Resp: 1226

Ion	Ratio	Lower	Upper
43	100		
58	21.5	0.0	25.6

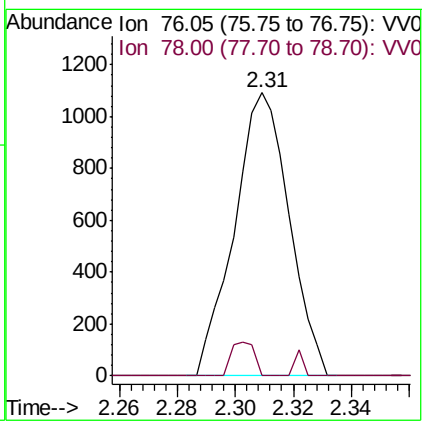


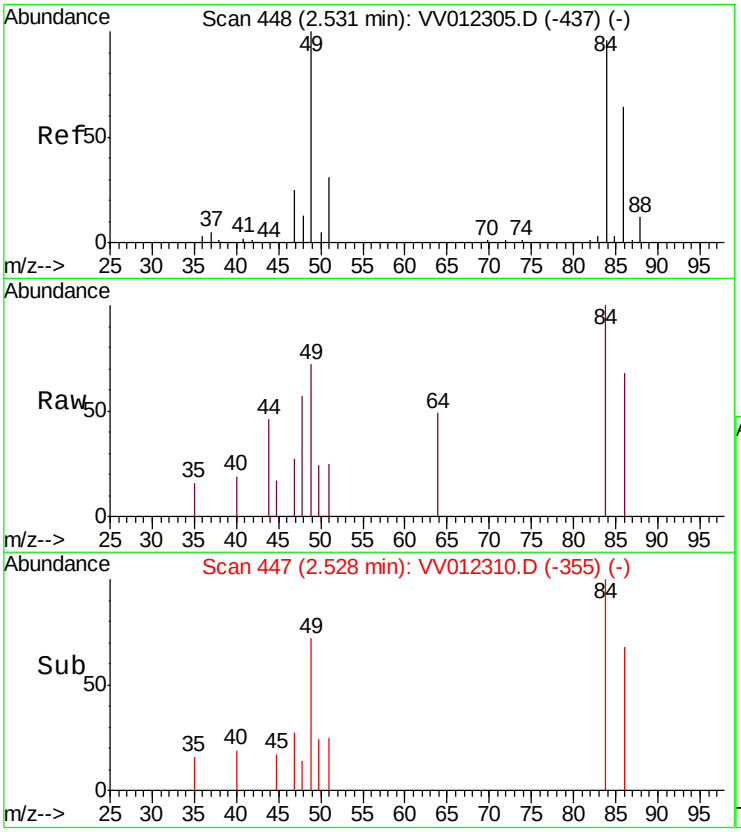


#14
Carbon disulfide
Concen: 0.084 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.01 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 76 Resp: 1431

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.3	12.5#



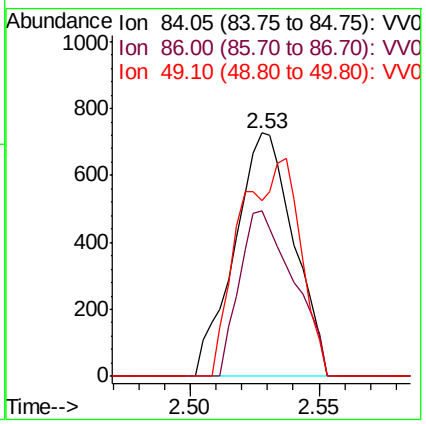


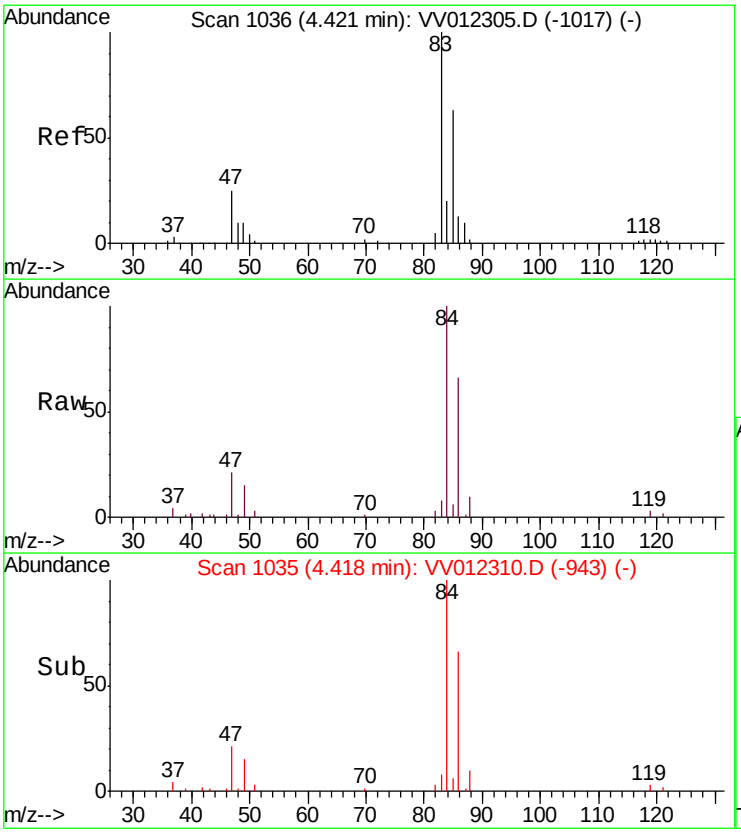
#16
Methylene chloride
Concen: 0.182 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 84 Resp: 1163

Ion	Ratio	Lower	Upper
84	100		
86	68.2	49.5	91.9
49	95.9	72.1	133.9

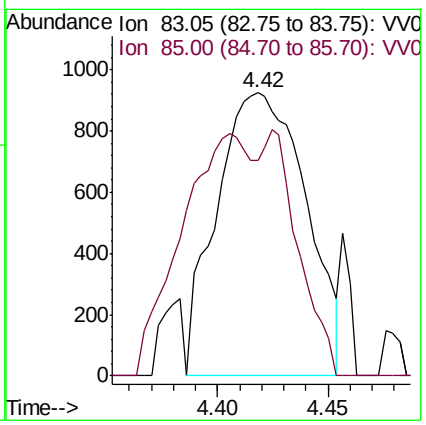


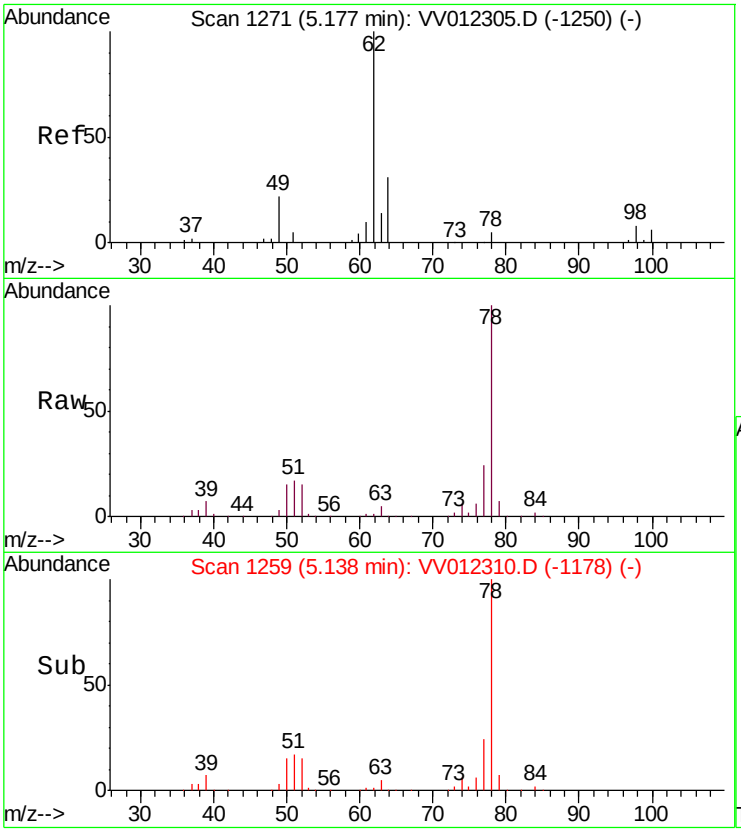


#25
Chloroform
Concen: 0.135 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 83 Resp: 2589

Ion	Ratio	Lower	Upper
83	100		
85	76.2	46.1	85.5



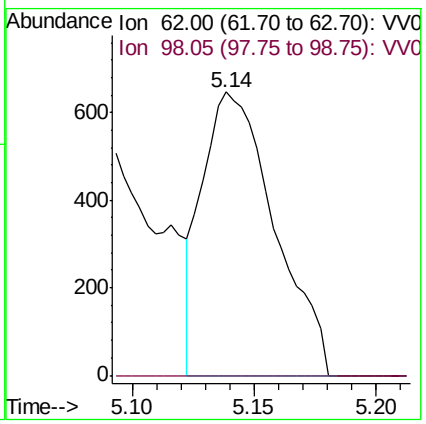


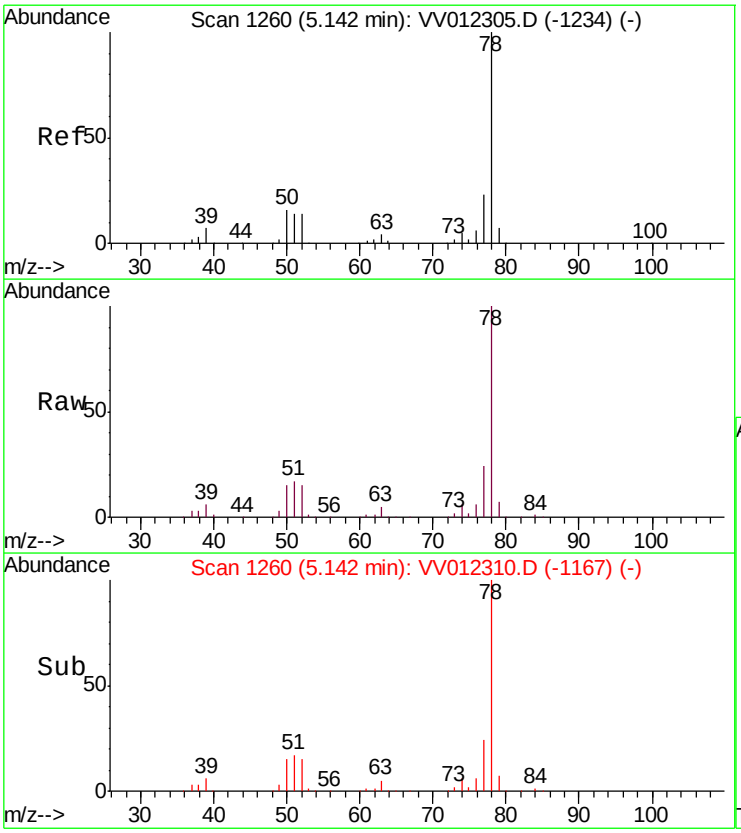
#27
1,2-Dichloroethane
Concen: 0.121 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. -0.04 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument : MSVOA_V
ClientSampleId : C0AD2DL

Tgt Ion: 62 Resp: 1326

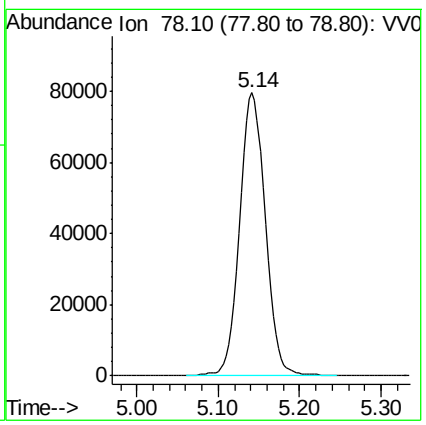
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

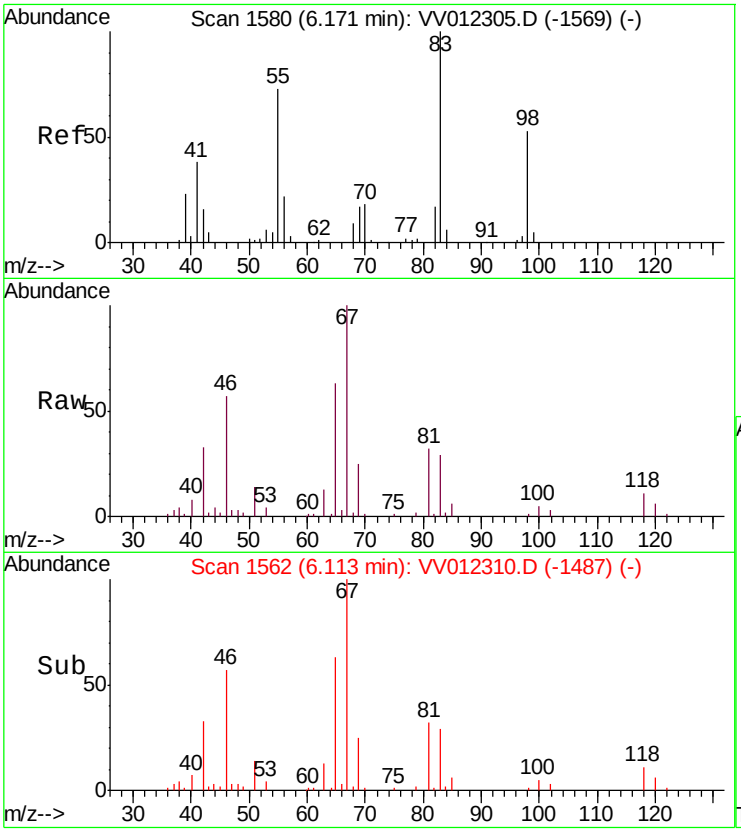




#33
Benzene
Concen: 5.091 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 78 Resp: 172933



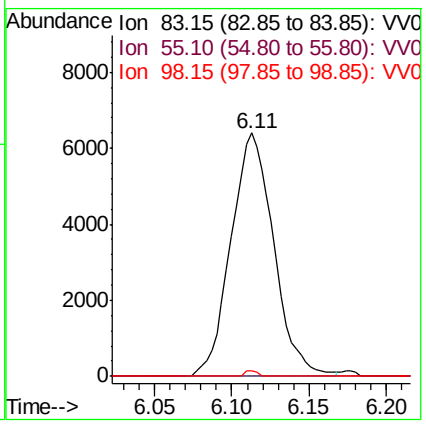


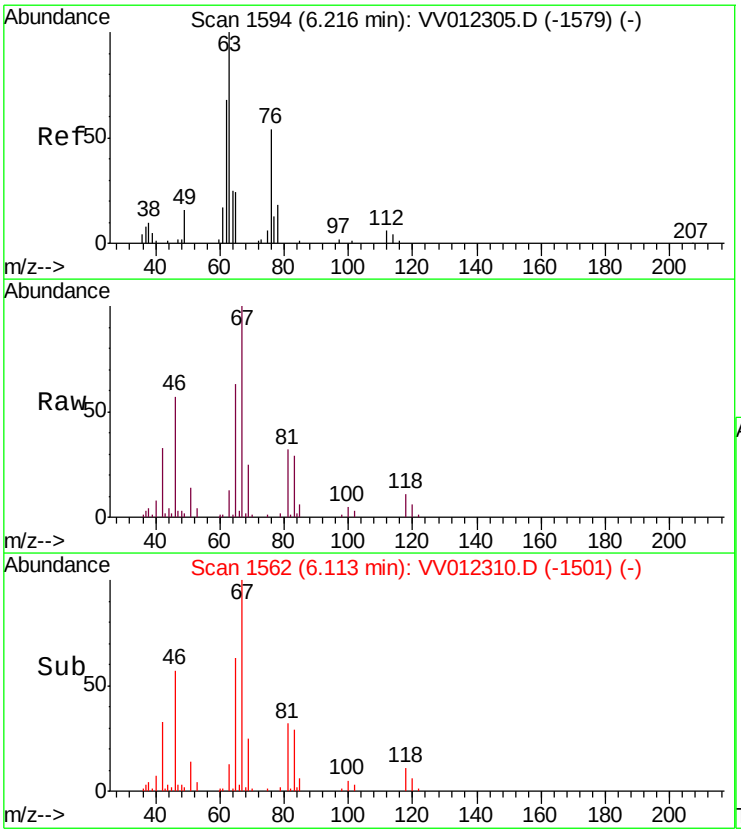
#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 83 Resp: 12292

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	0.6	40.3	60.5#

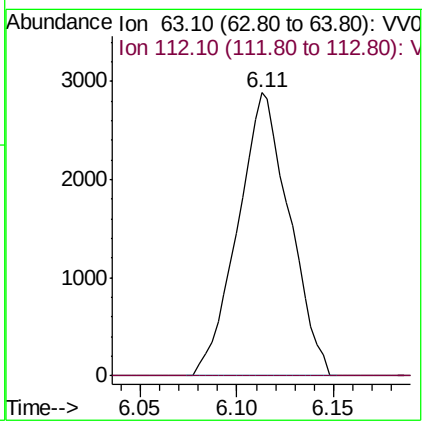


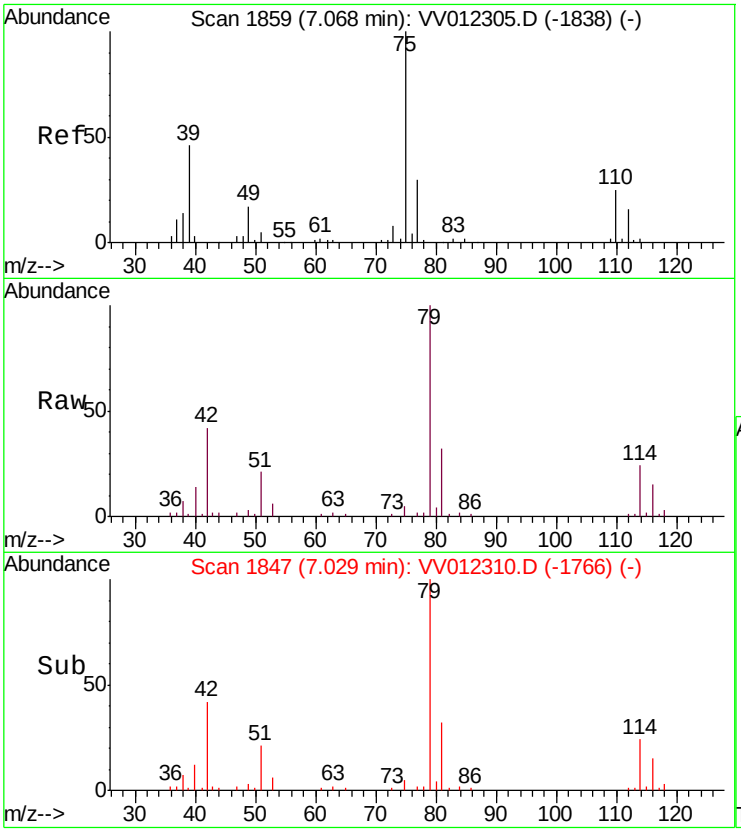


#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 63 Resp: 5365

Ion	Ratio	Lower	Upper
63	100		
112	0.0	5.1	7.7#



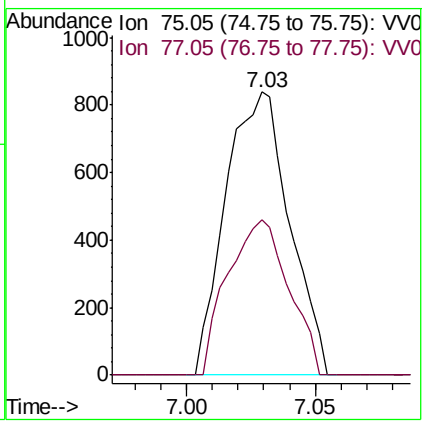


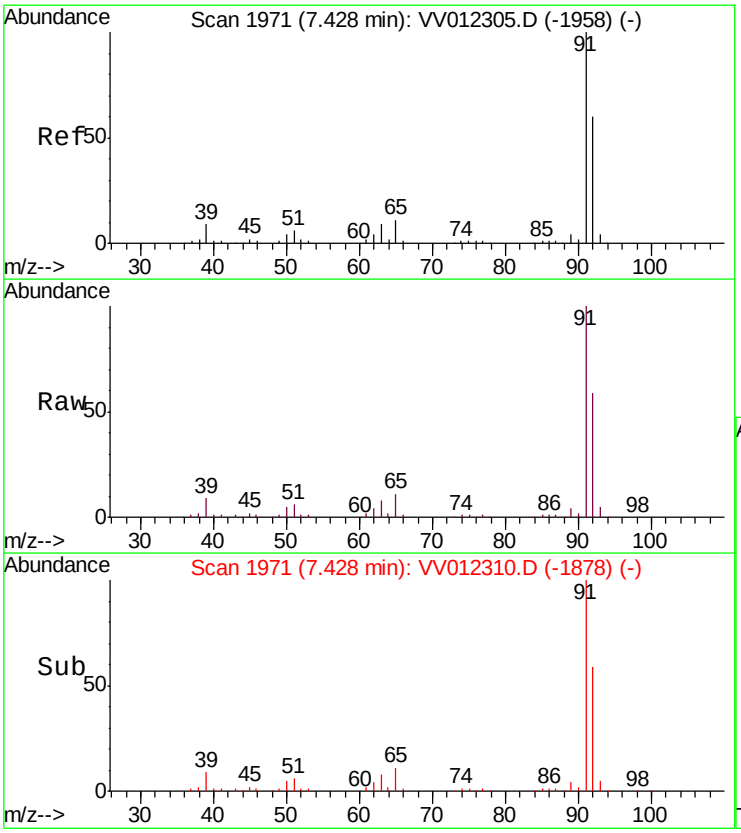
#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument : MSVOA_V
ClientSampleId : C0AD2DL

Tgt Ion: 75 Resp: 1448

Ion	Ratio	Lower	Upper
75	100		
77	54.8	21.5	39.9#

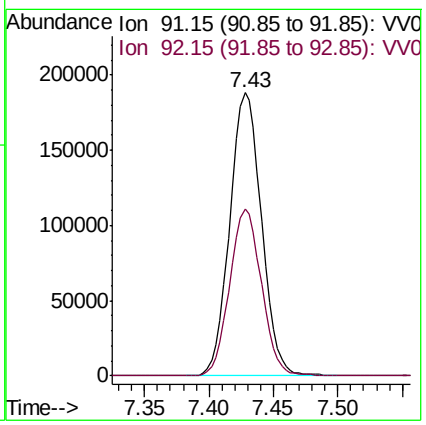


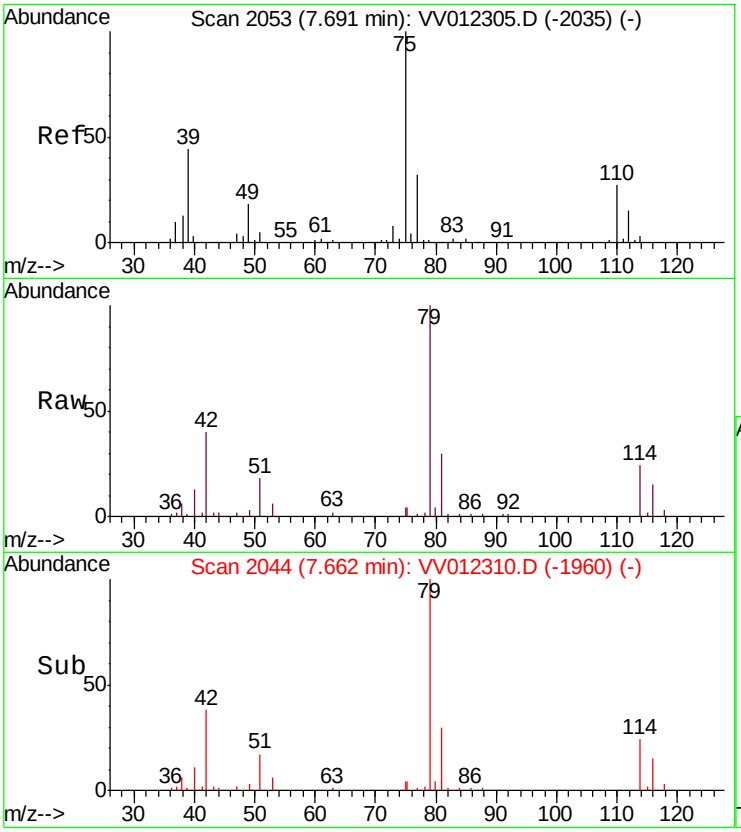


#42
Toluene
Concen: 8.553 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 91 Resp: 321545

Ion	Ratio	Lower	Upper
91	100		
92	59.1	41.6	77.3



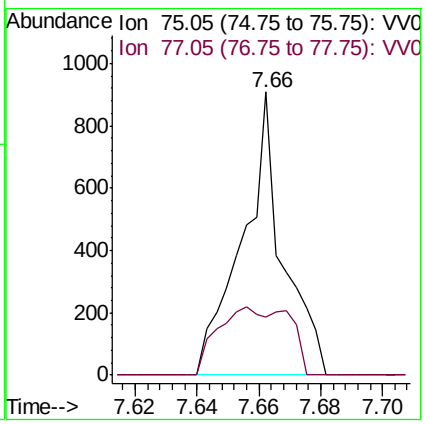


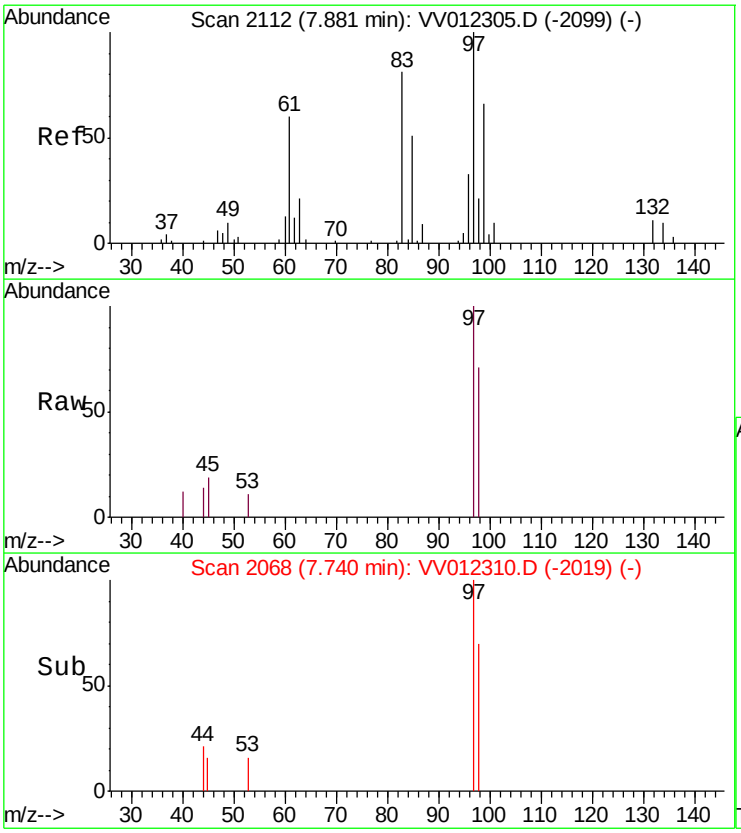
#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 75 Resp: 824

Ion	Ratio	Lower	Upper
75	100		
77	20.5	22.1	41.1#

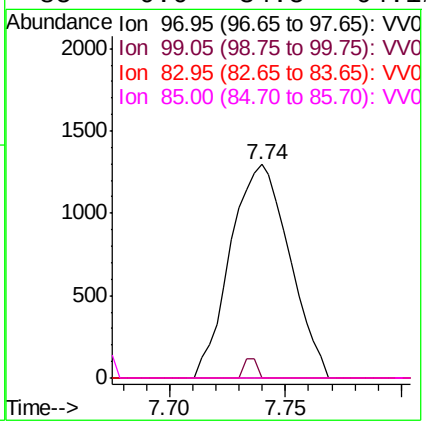


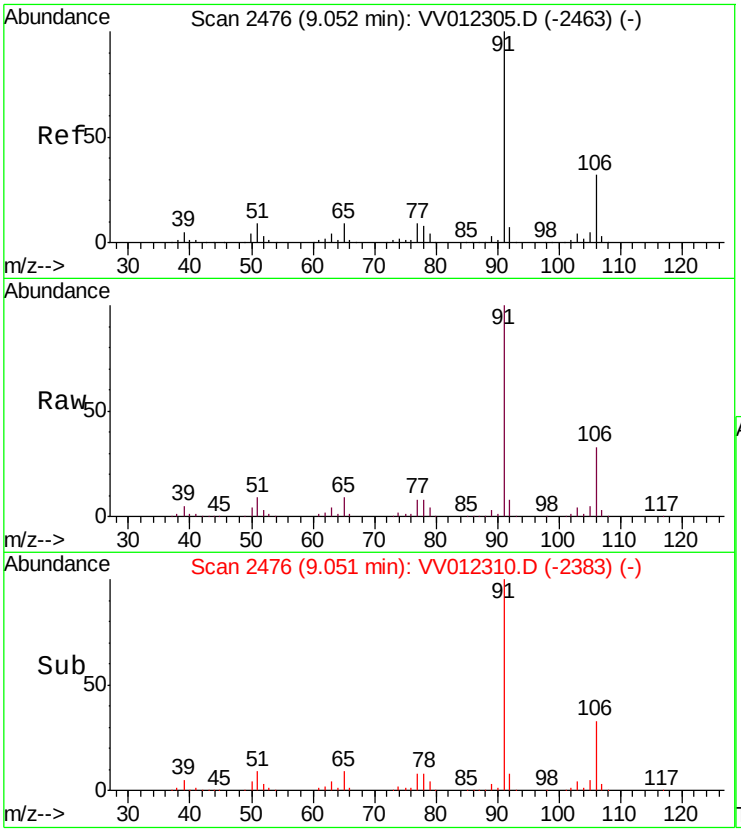


#45
1,1,2-Trichloroethane
Concen: 0.375 ug/L
RT: 7.74 min Scan# 2068
Delta R.T. -0.14 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 97 Resp: 2288

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.7	83.1#
83	0.0	56.8	105.6#
85	0.0	34.5	64.1#



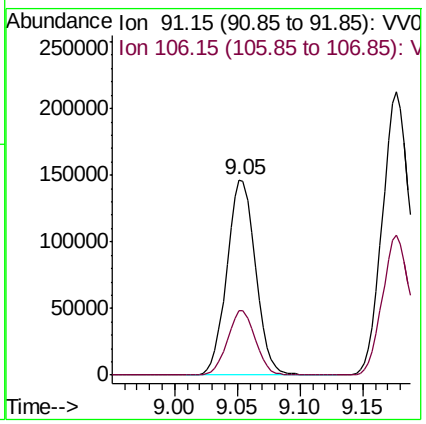


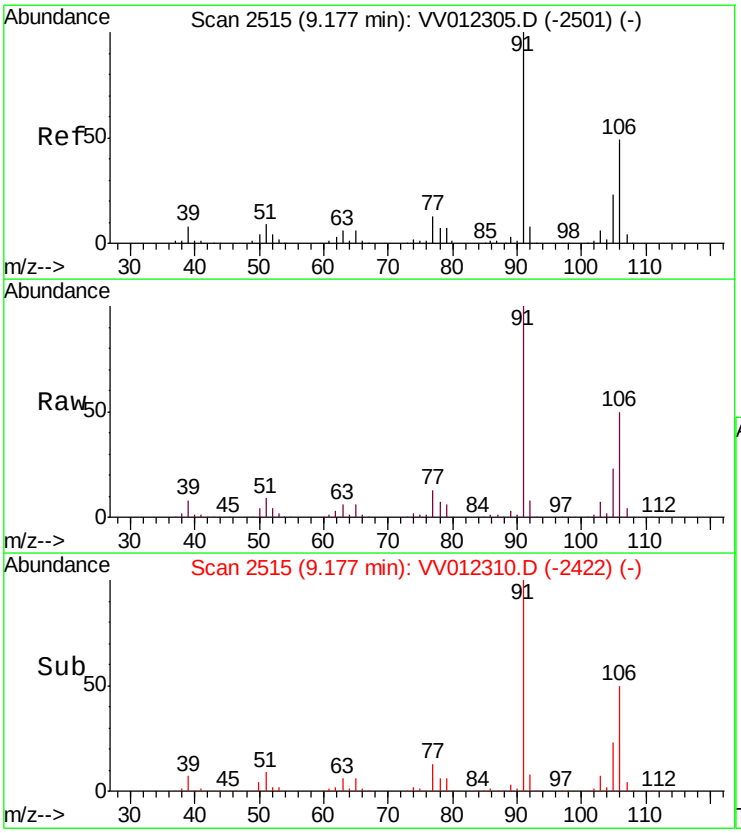
#52
Ethylbenzene
Concen: 5.538 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 91 Resp: 232969

Ion	Ratio	Lower	Upper
91	100		
106	32.8	21.6	40.0

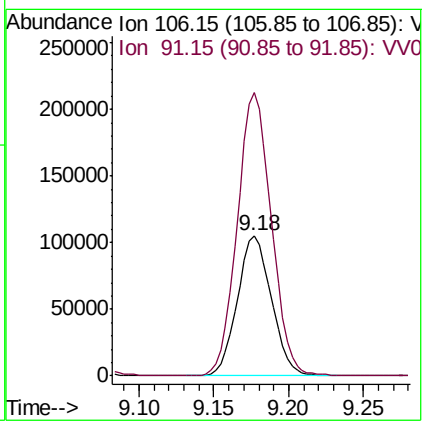


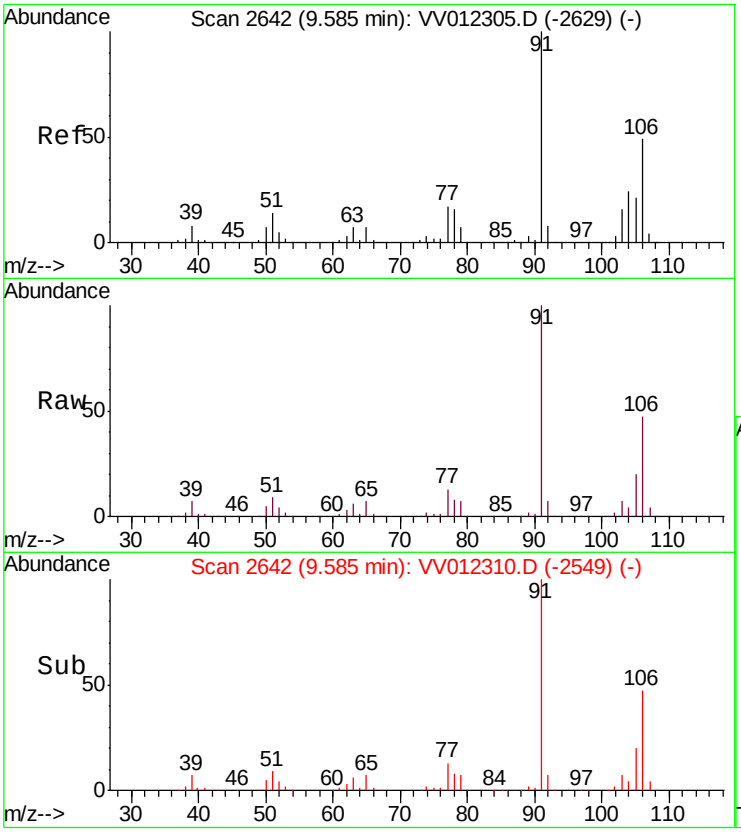


#53
m,p-xylene
Concen: 10.171 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion:106 Resp: 167020

Ion	Ratio	Lower	Upper
106	100		
91	201.8	136.0	252.6



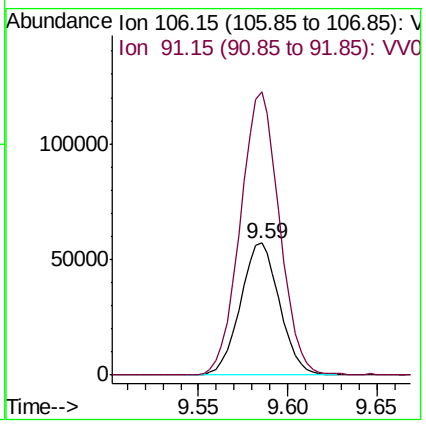


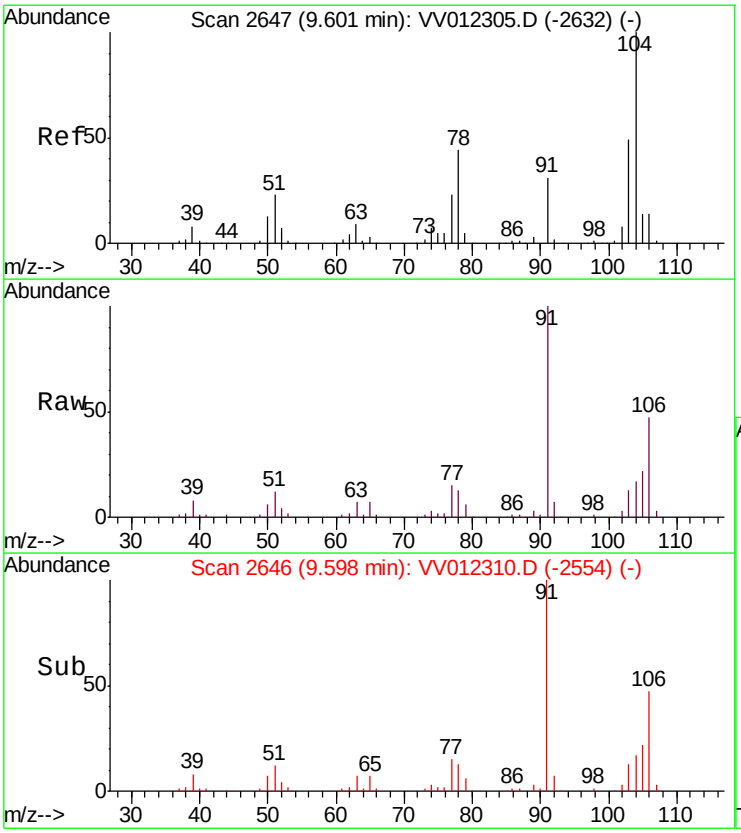
#54
o-xylene
Concen: 5.548 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion:106 Resp: 87627

Ion	Ratio	Lower	Upper
106	100		
91	214.4	148.7	276.1

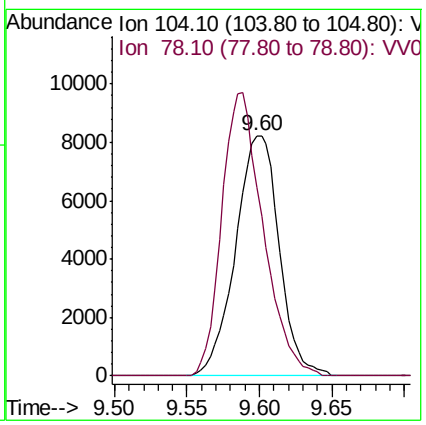


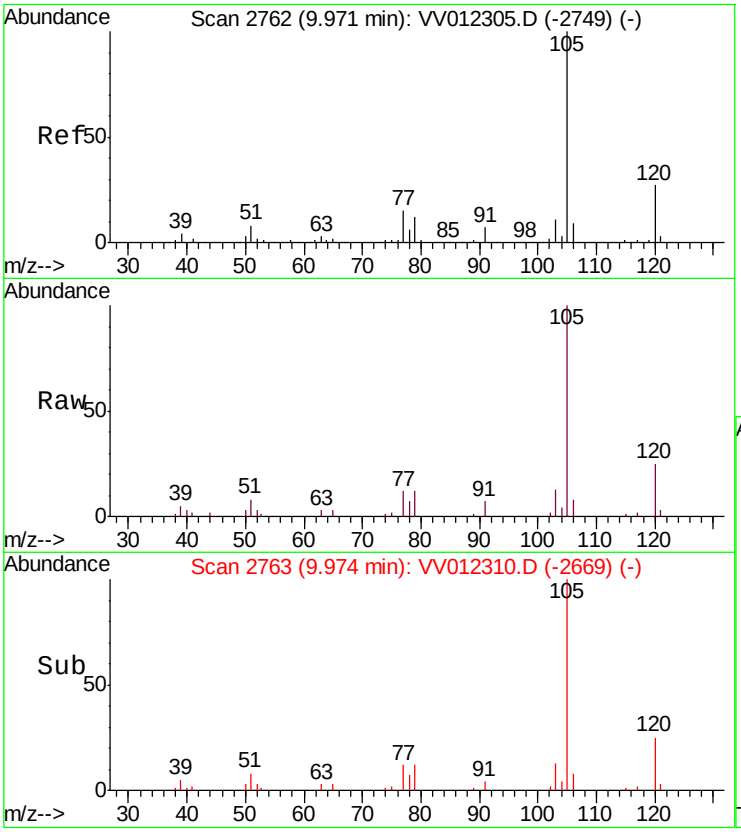


#55
Styrene
Concen: 0.645 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion:104 Resp: 17213

Ion	Ratio	Lower	Upper
104	100		
78	78.4	30.8	57.2#



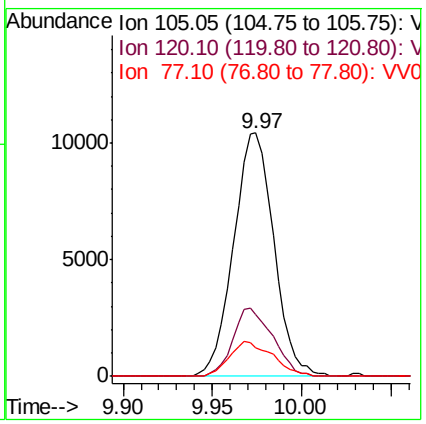


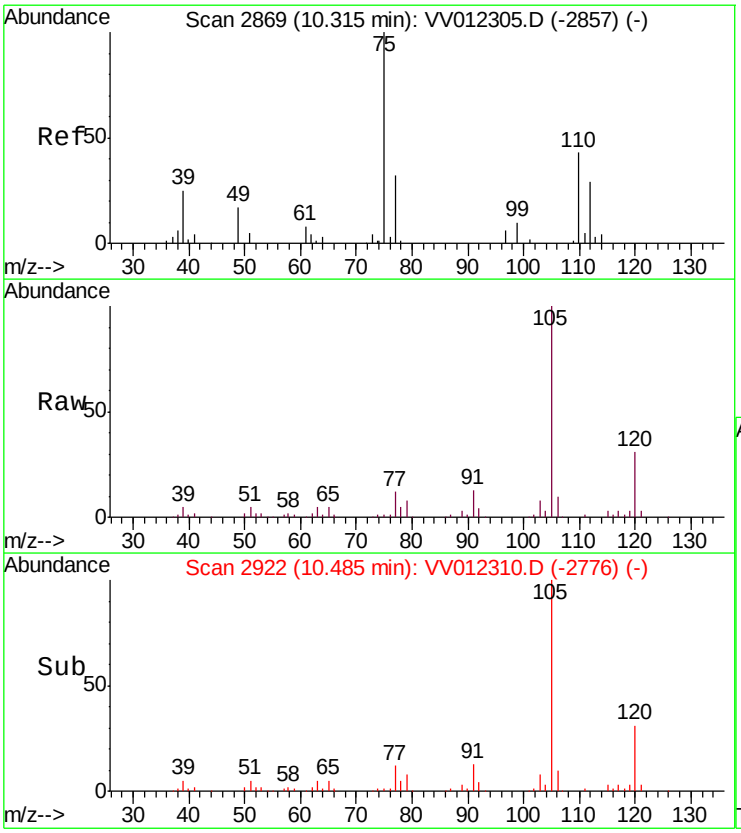
#56
Isopropylbenzene
Concen: 0.377 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument : MSVOA_V
ClientSampleId : C0AD2DL

Tgt Ion:105 Resp: 16414

Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.4	32.0
77	15.2	12.2	18.2

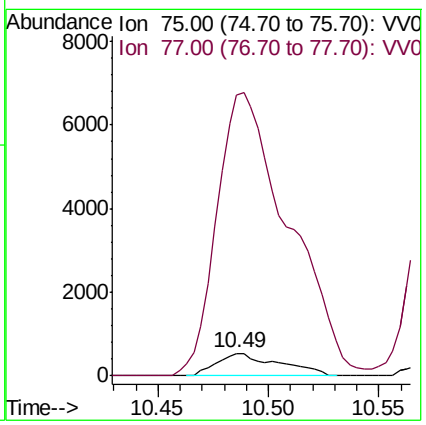


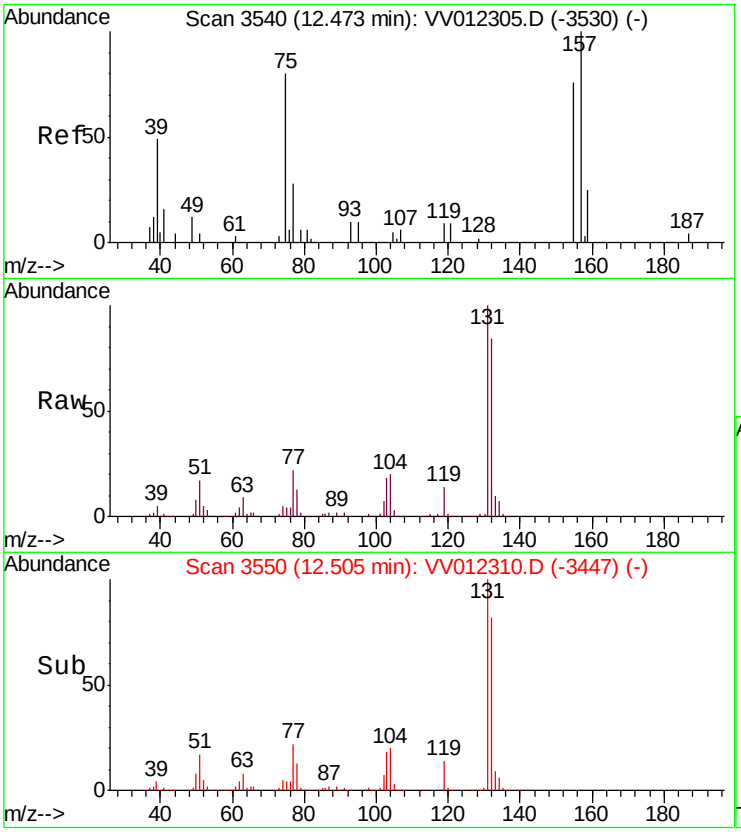


#59
1,2,3-Trichloropropane
Concen: 0.218 ug/L
RT: 10.49 min Scan# 2922
Delta R.T. 0.17 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion: 75 Resp: 1072

Ion	Ratio	Lower	Upper
75	100		
77	1428.2	25.8	38.8#





#66
1,2-Dibromo-3-chloropropane
Concen: 18.878 ug/L
RT: 12.50 min Scan# 3550
Delta R.T. 0.03 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tgt Ion: 75 Resp: 22163

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