Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012483.D
Acq On : 31 Aug 2019 06:52
Operator : SY/MD
Sample : K4607-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 31 12:30:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 12:27:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	297728	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	294996	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	158339	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	75430	2.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.80%			
7) Chloroethane-d5	1.58	69	54366	2.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 56.60%#			
11) 1,1-Dichloroethene-d2	2.12	63	92260	2.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 42.40%#			
20) 2-Butanone-d5	4.01	46	150883	27.90	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 55.80%			
24) Chloroform-d	4.40	84	146195	3.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.20%#			
26) 1,2-Dichloroethane-d4	5.08	65	75830	3.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.40%#			
32) Benzene-d6	5.09	84	303883	3.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.00%#			
36) 1,2-Dichloropropane-d6	6.12	67	94611	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 67.60%			
41) Toluene-d8	7.36	98	258280	3.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.00%#			
43) trans-1,3-Dichloropropene-	7.67	79	31870	3.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.40%			
46) 2-Hexanone-d5	8.14	63	156331	40.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72023	3.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 72.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	98619	3.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 64.00%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	6890	0.305	ug/L #	1
13) Acetone	2.27	43	12208	3.089	ug/L	92
14) Carbon disulfide	2.31	76	36069	0.523	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	7838	0.271	ug/L	94
19) 1,1-Dichloroethane	3.22	63	61841	1.093	ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	5004623	165.433	ug/L	96
25) Chloroform	4.42	83	7584	0.128	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	156859	3.283	ug/L	99
31) Carbon tetrachloride	4.65	117	20189	0.480	ug/L	99
34) Trichloroethene	5.96	95	16511214	530.678	ug/L	96
35) Methylcyclohexane	6.12	83	20981	0.443	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10192	0.320	ug/L #	87
42) Toluene	7.43	91	224199	1.794	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	3395	0.161	ug/L	89
47) Tetrachloroethene	8.02	164	296604	11.908	ug/L	99
48) 2-Hexanone	8.20	43	8675	0.706	ug/L #	94
49) Dibromochloromethane	8.02	129	268756	11.048	ug/L #	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012483.D
Acq On : 31 Aug 2019 06:52
Operator : SY/MD
Sample : K4607-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 31 12:30:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 12:27:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.05	91	185598	1.405	ug/L		100
53) m,p-xylene	9.18	106	279452	5.771	ug/L		99
54) o-xylene	9.59	106	710620	15.030	ug/L		96
55) Styrene	9.59	104	37196	0.469	ug/L	#	1
56) Isopropylbenzene	9.97	105	399162	3.206	ug/L		99
59) 1,2,3-Trichloropropane	10.40	75	4346	0.246	ug/L	#	1
63) 1,4-Dichlorobenzene	11.32	146	6760	0.102	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	392764	93.397	ug/L	#	1

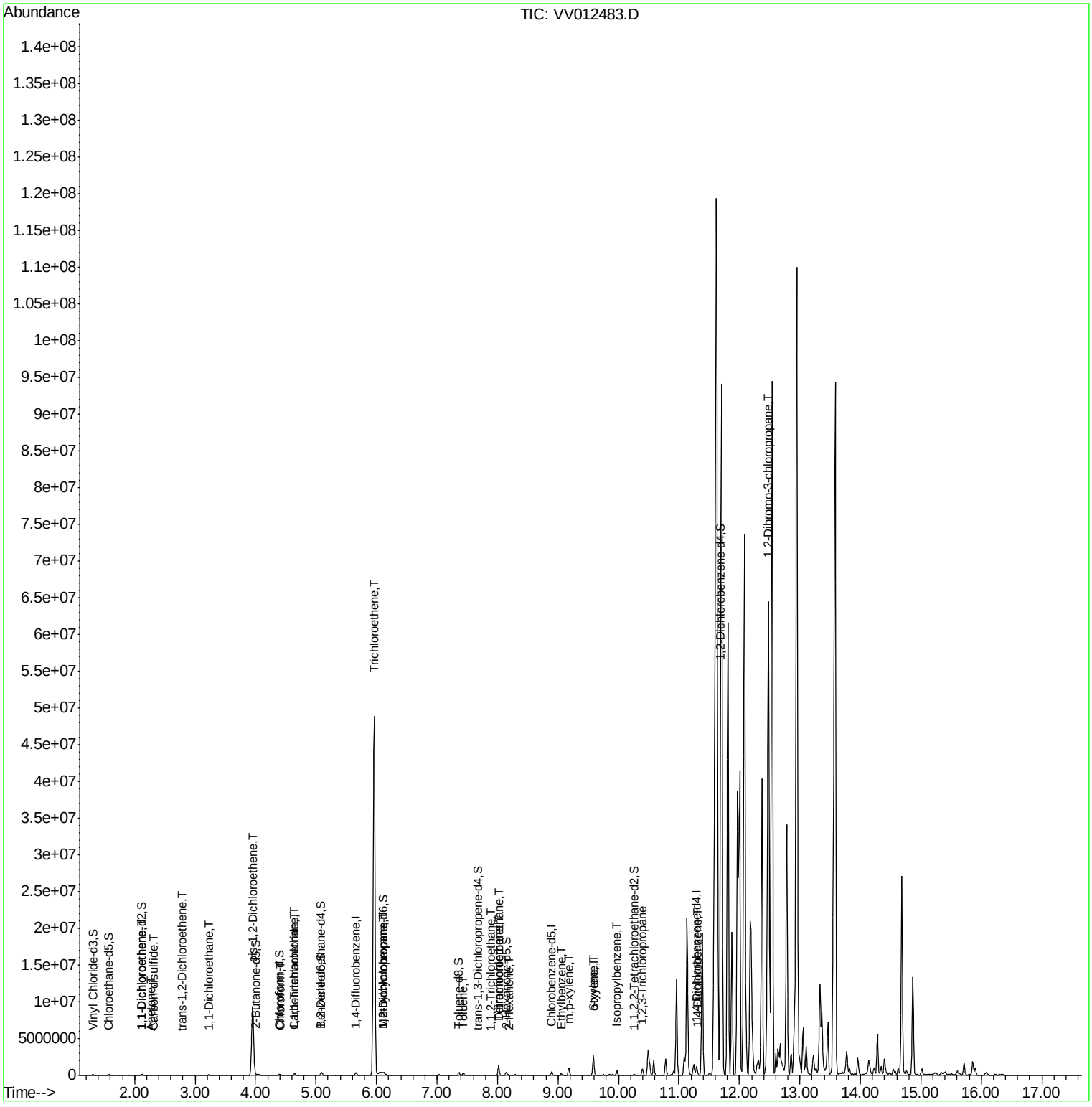
(#) = qualifier out of range (m) = manual integration (+) = signals summed

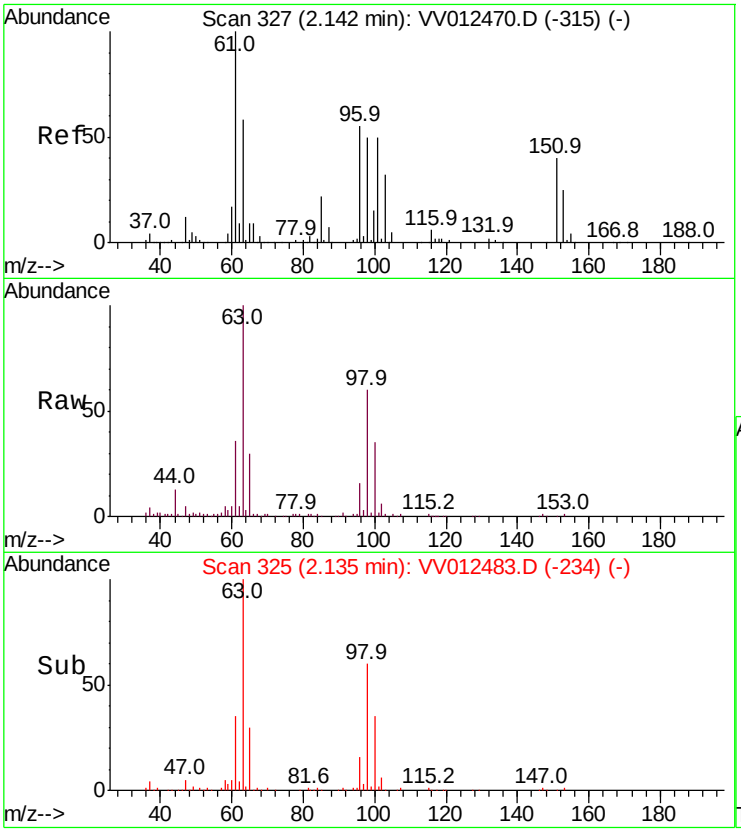
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012483.D
Acq On : 31 Aug 2019 06:52
Operator : SY/MD
Sample : K4607-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 31 12:30:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 12:27:36 2019
Response via : Initial Calibration



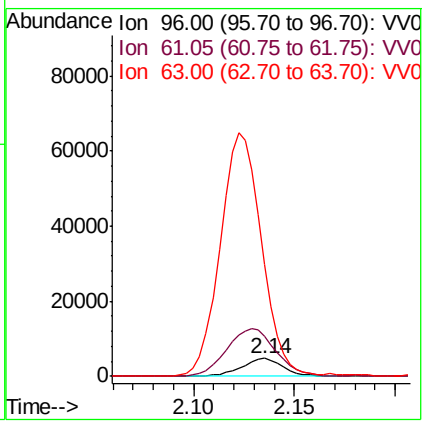


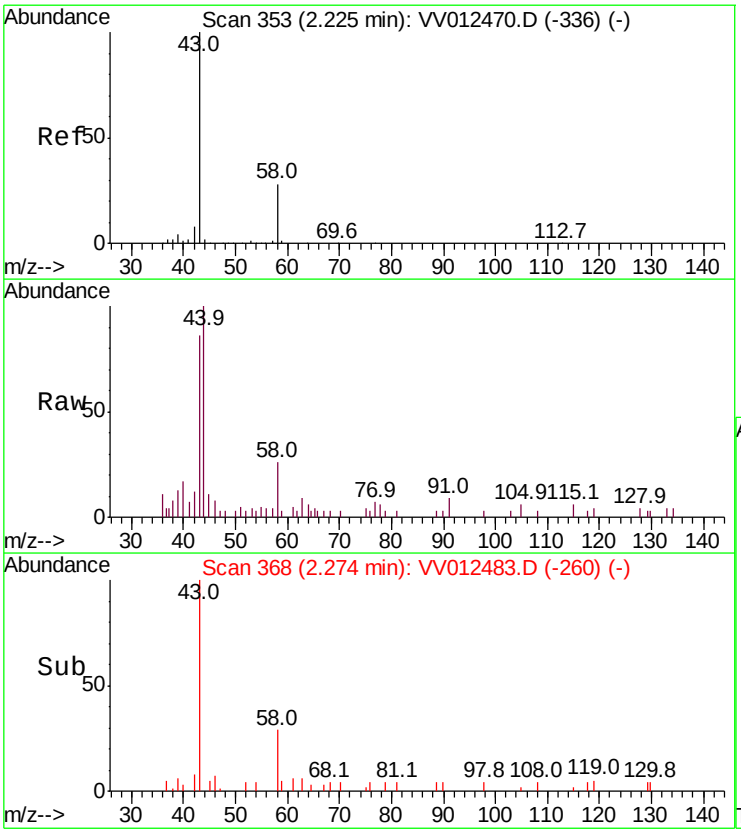
#12
1,1-Dichloroethene
Concen: 0.305 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 6890

Ion	Ratio	Lower	Upper
96	100		
61	224.4	127.8	237.4
63	629.2	78.2	145.2#

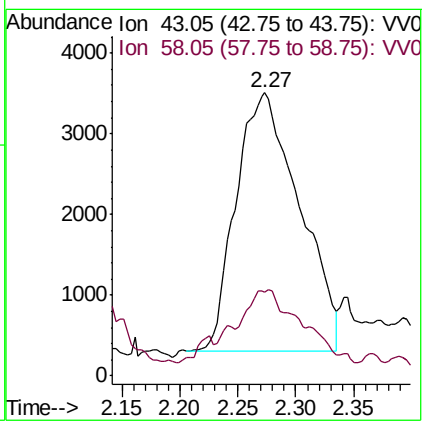


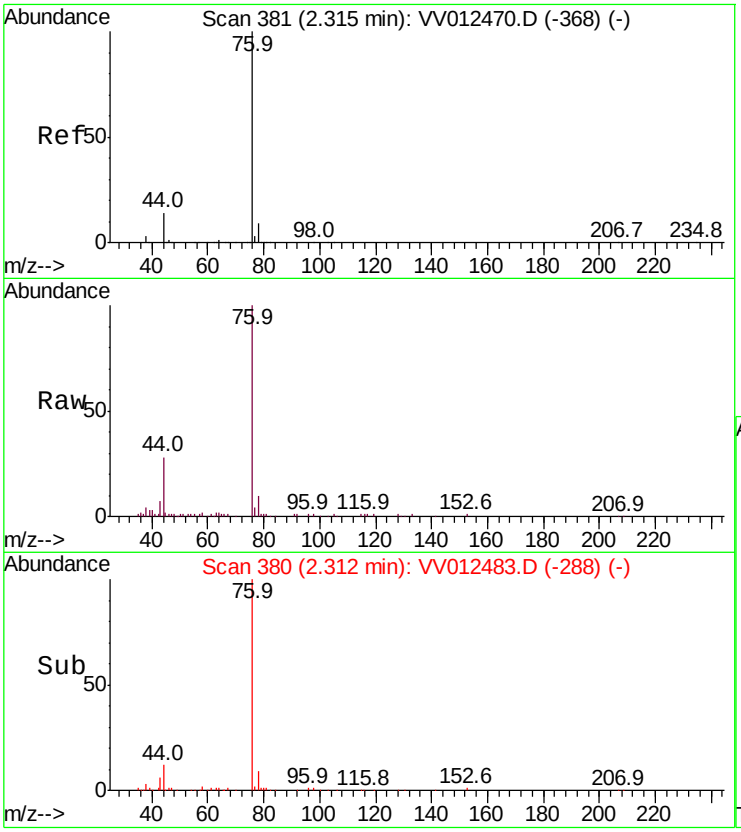


#13
Acetone
Concen: 3.089 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.05 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 43 Resp: 12208

Ion	Ratio	Lower	Upper
43	100		
58	24.1	0.0	56.8



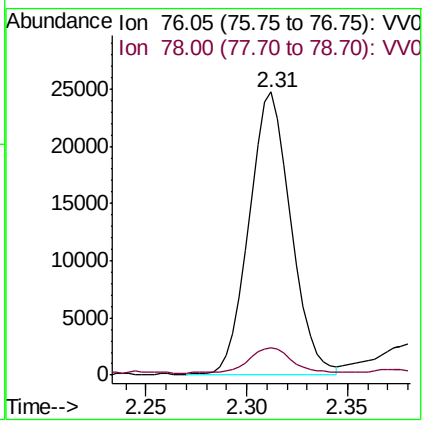


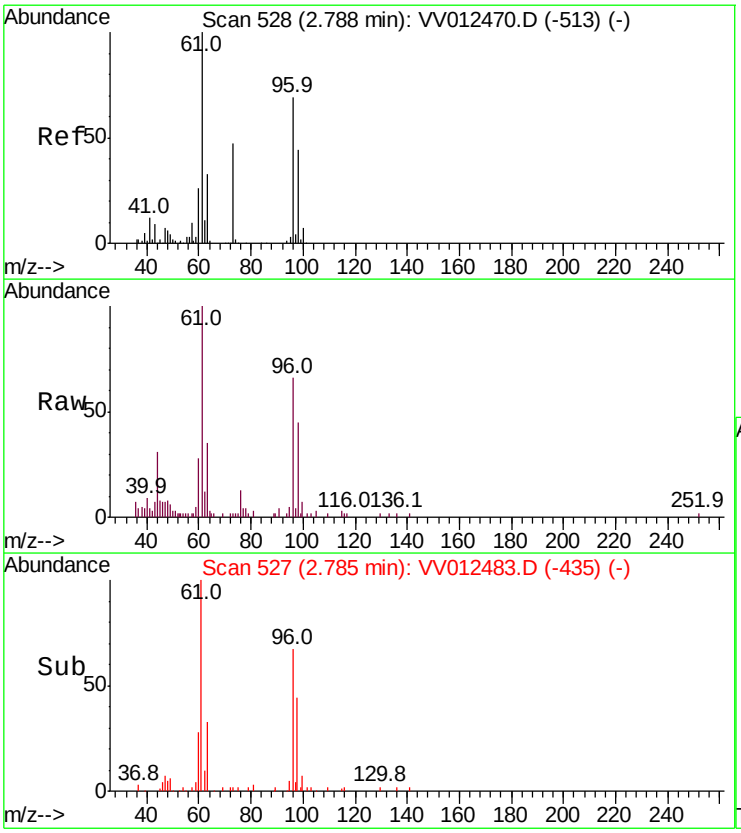
#14
Carbon disulfide
Concen: 0.523 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 36069

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

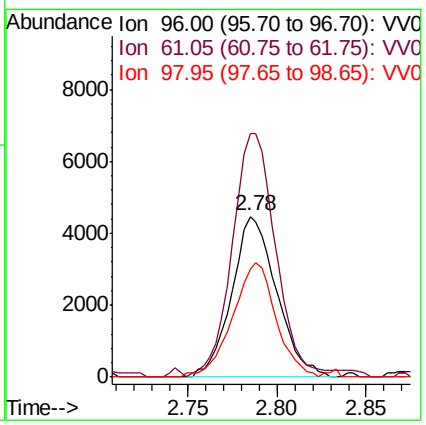


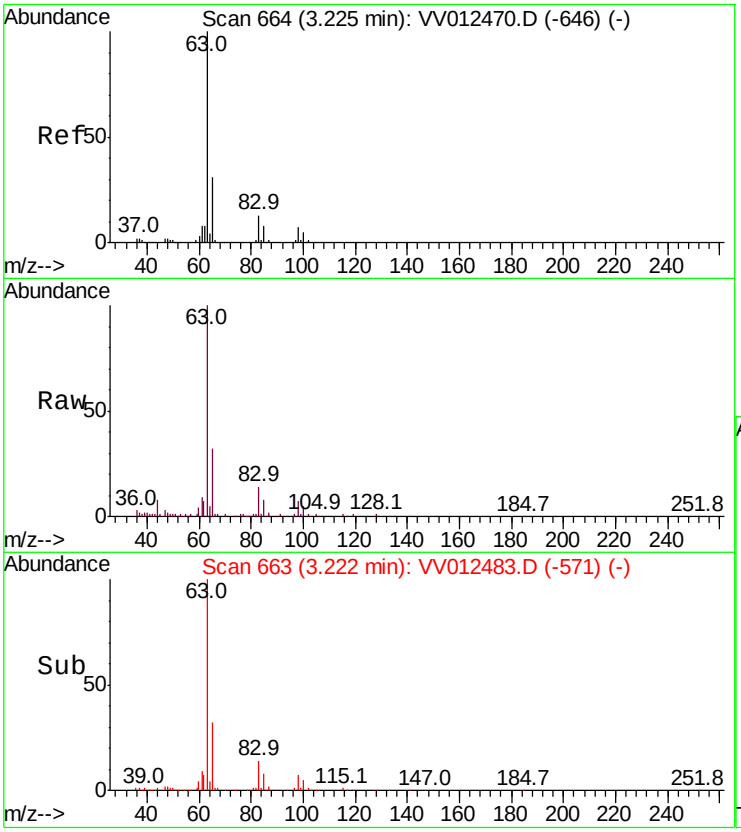


#18
trans-1,2-Dichloroethene
Concen: 0.271 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 96 Resp: 7838

Ion	Ratio	Lower	Upper
96	100		
61	151.8	101.2	188.0
98	67.7	44.1	81.9



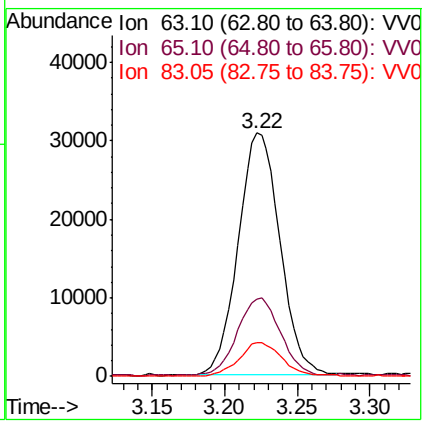


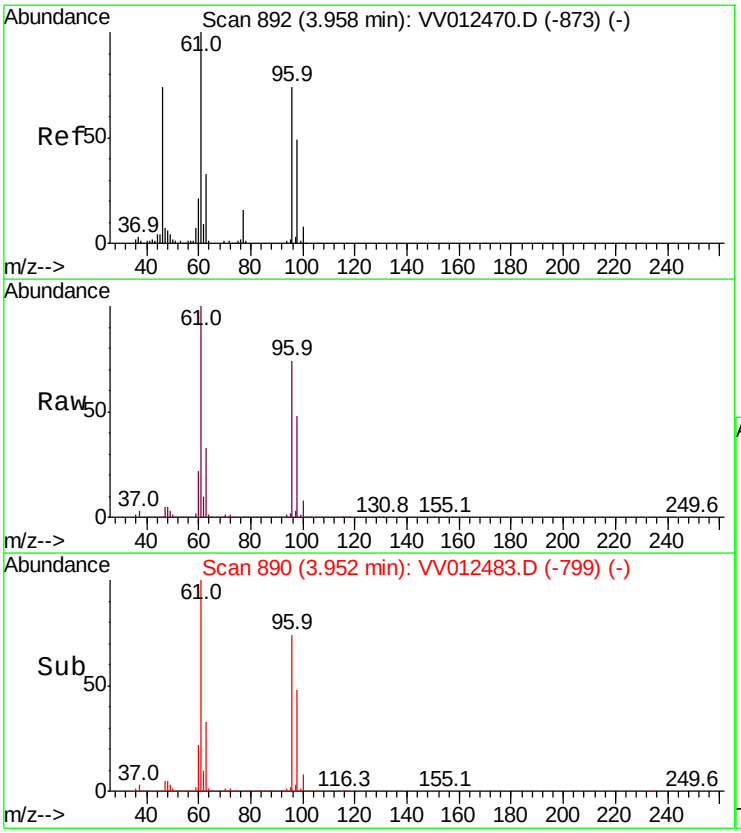
#19
1,1-Dichloroethane
Concen: 1.093 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 61841

Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.6	40.2
83	14.1	9.0	16.8

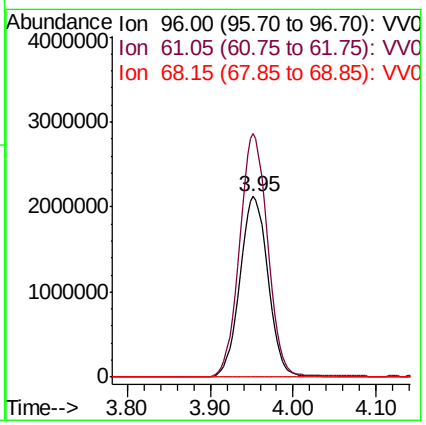


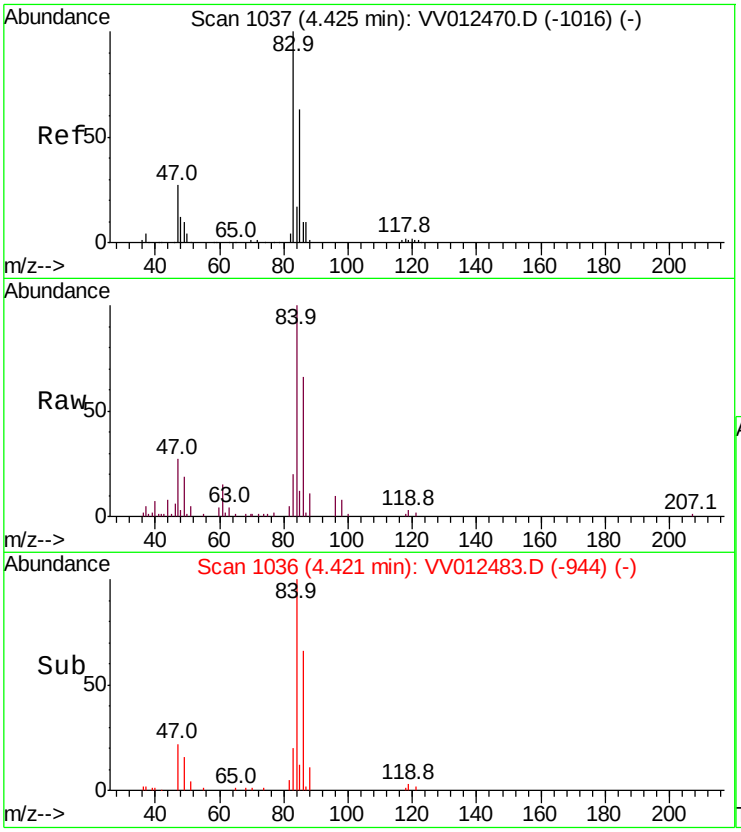


#22
cis-1,2-Dichloroethene
Concen: 165.433 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 96 Resp: 5004623

Ion	Ratio	Lower	Upper
96	100		
61	135.0	91.5	169.9
68	0.0	0.0	0.0



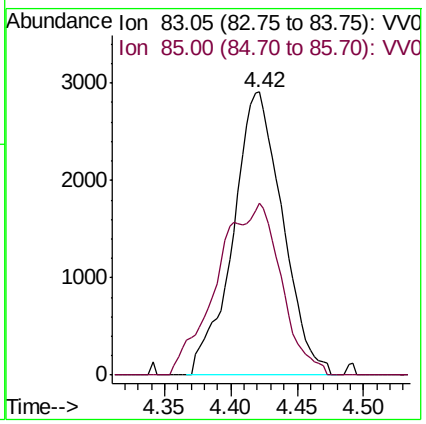


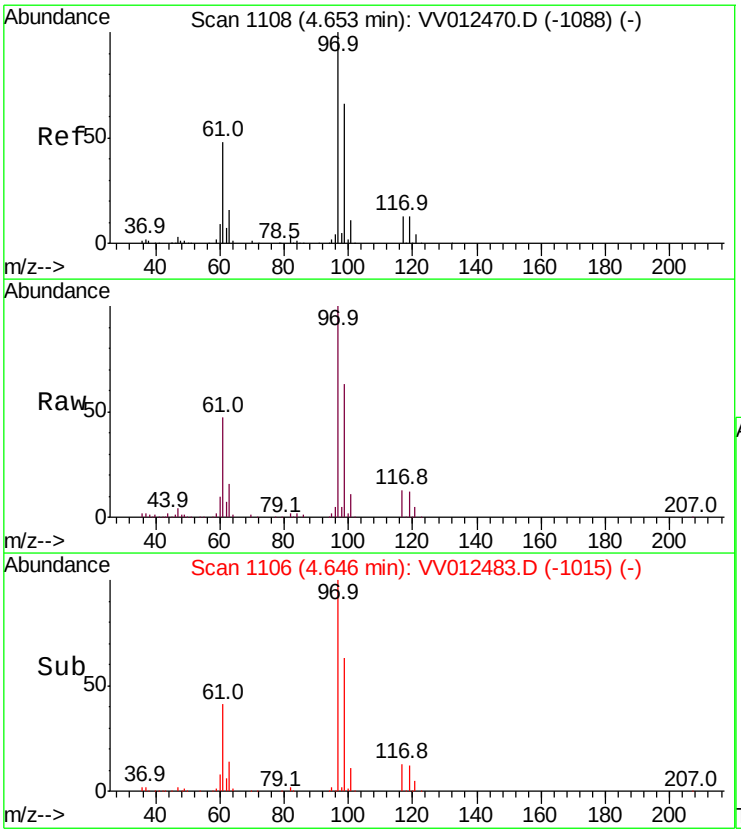
#25
Chloroform
Concen: 0.128 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7584

Ion	Ratio	Lower	Upper
83	100		
85	60.7	45.4	84.4

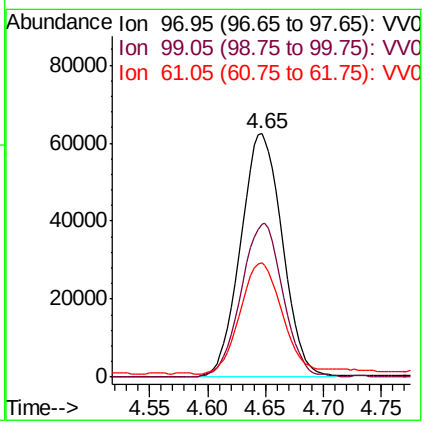


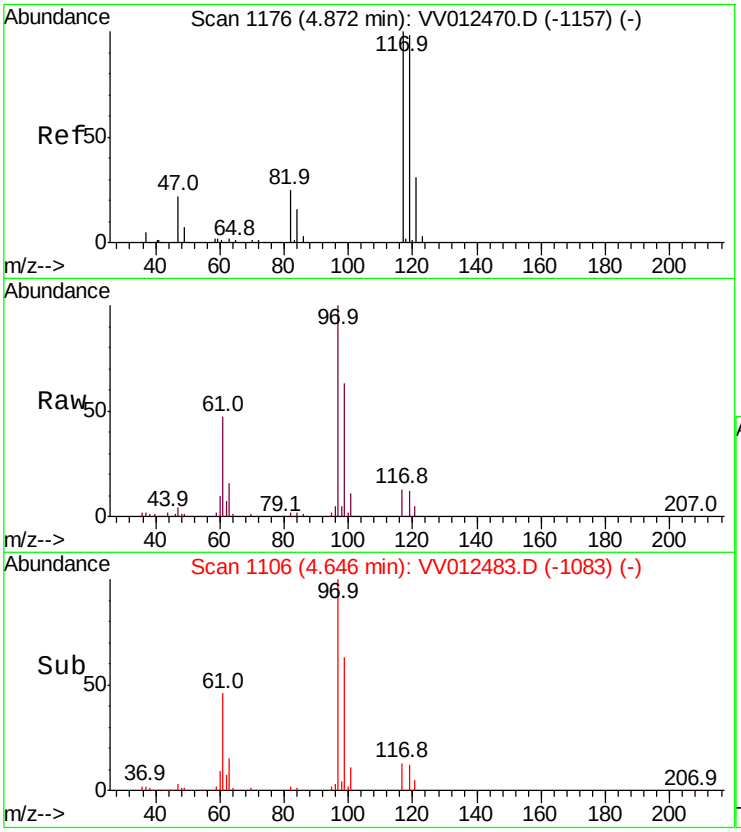


#29
1,1,1-Trichloroethane
Concen: 3.283 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 97 Resp: 156859

Ion	Ratio	Lower	Upper
97	100		
99	63.1	49.8	74.6
61	46.6	36.7	55.1



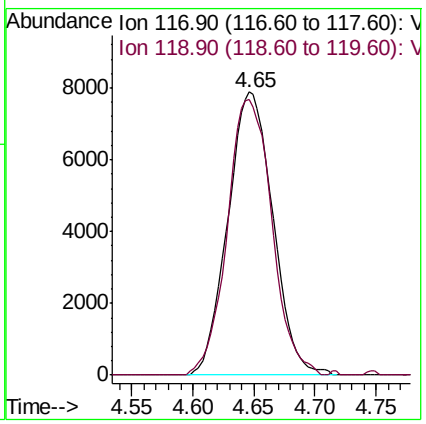


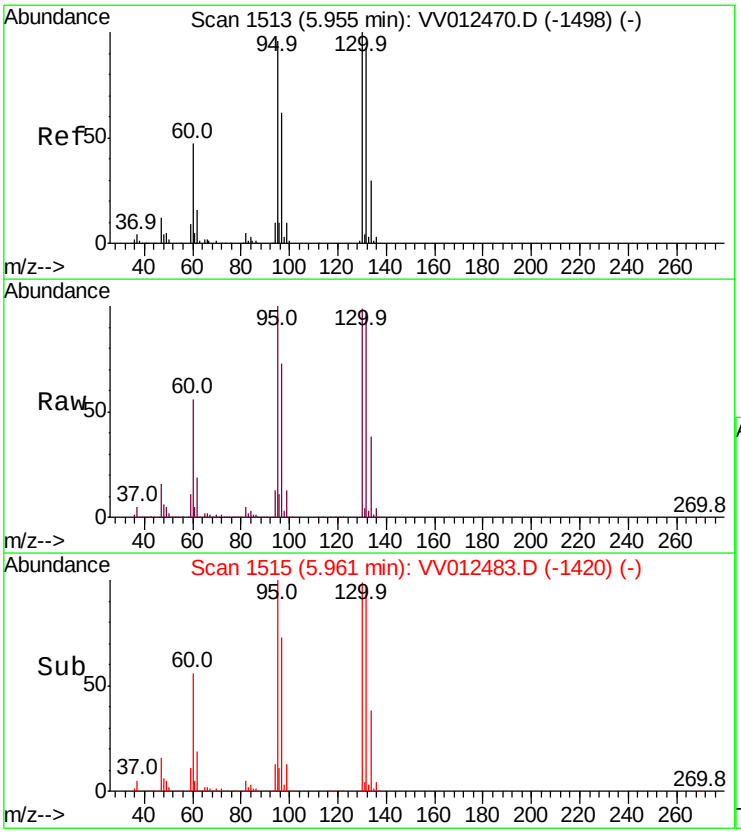
#31
Carbon tetrachloride
Concen: 0.480 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.23 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 20189

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8

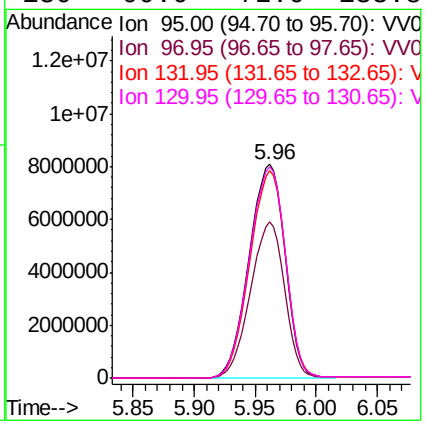


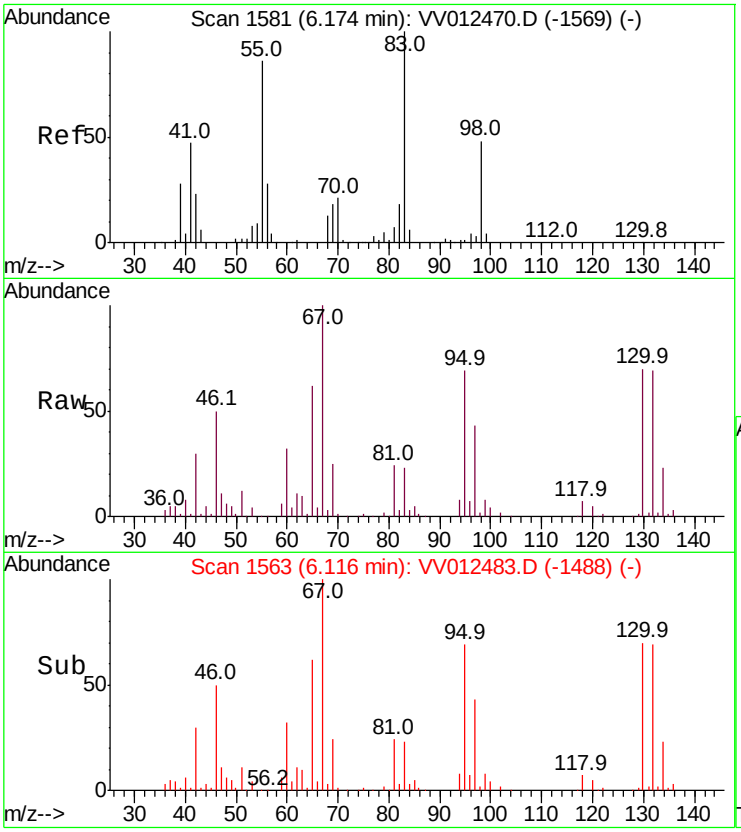


#34
Trichloroethene
Concen: 530.678 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 95 Resp:16511214

Ion	Ratio	Lower	Upper
95	100		
97	72.9	45.8	85.2
132	97.0	68.3	126.9
130	99.0	72.0	133.8



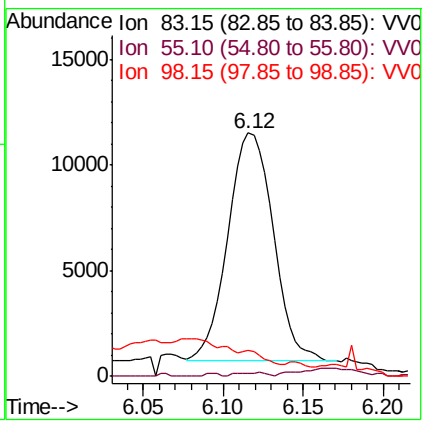


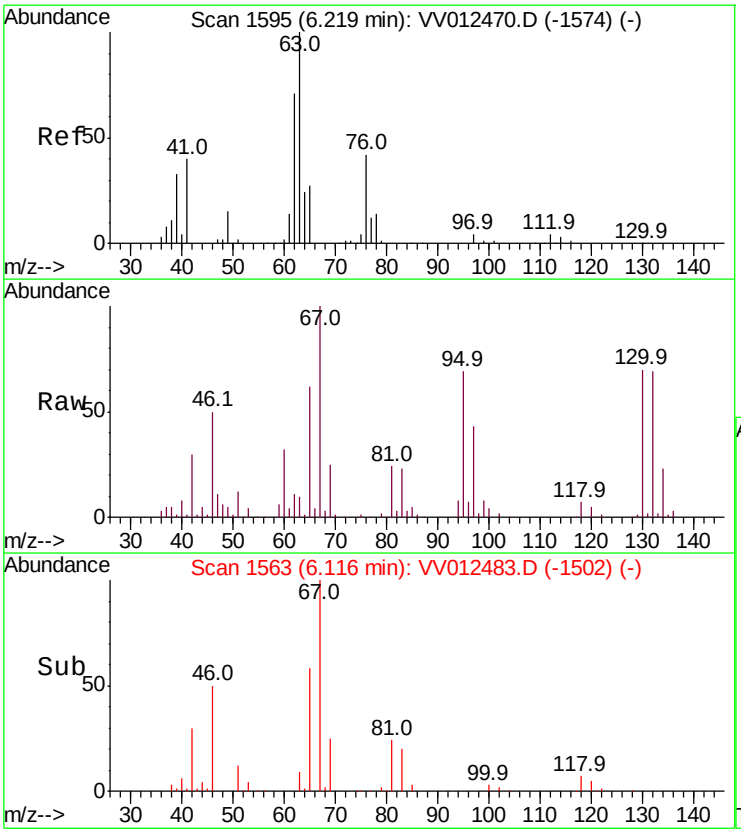
#35
Methylcyclohexane
Concen: 0.443 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 20981

Ion	Ratio	Lower	Upper
83	100		
55	1.1	67.8	101.6#
98	0.0	39.2	58.8#

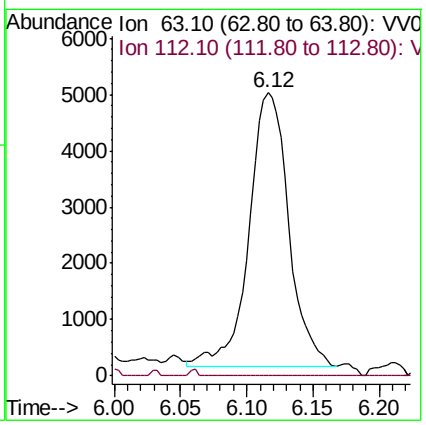


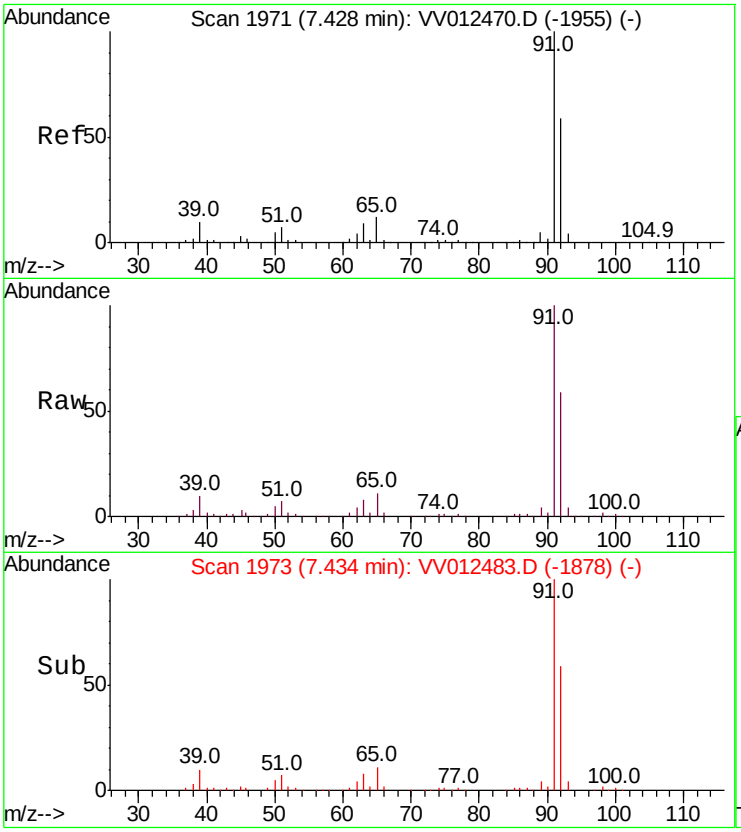


#37
1,2-Dichloropropane
Concen: 0.320 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 63 Resp: 10192

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.7	5.5#



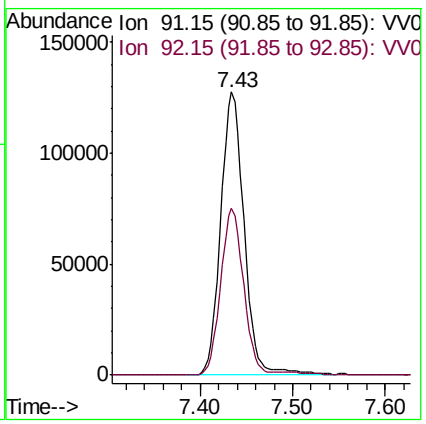


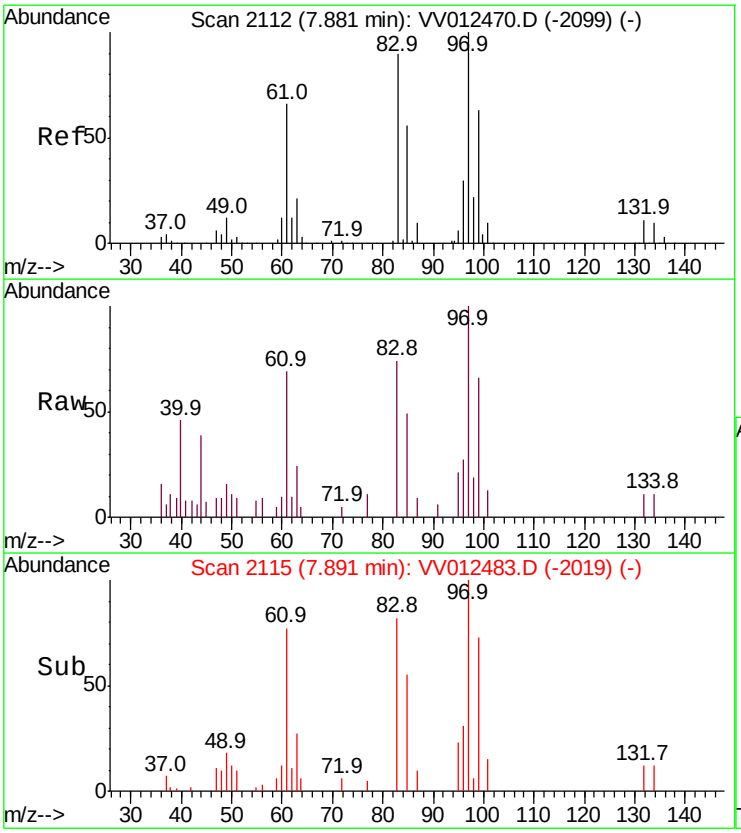
#42
Toluene
Concen: 1.794 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 224199

Ion	Ratio	Lower	Upper
91	100		
92	58.9	41.2	76.6

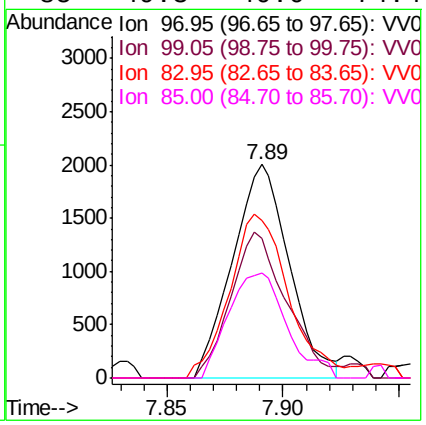


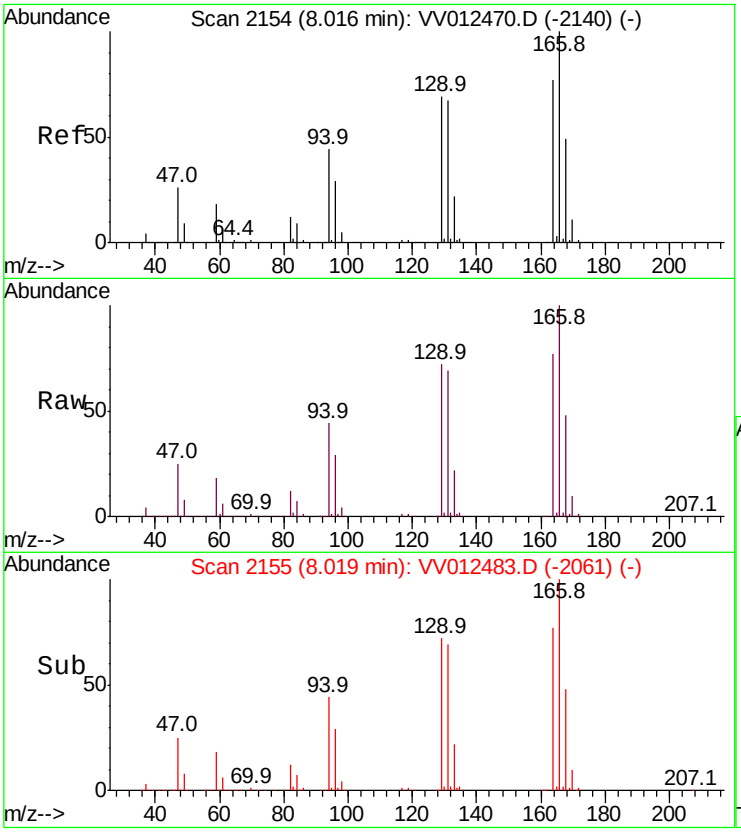


#45
1,1,2-Trichloroethane
Concen: 0.161 ug/L
RT: 7.89 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 97 Resp: 3395

Ion	Ratio	Lower	Upper
97	100		
99	65.6	43.3	80.3
83	73.5	61.2	113.6
85	49.3	40.0	74.4



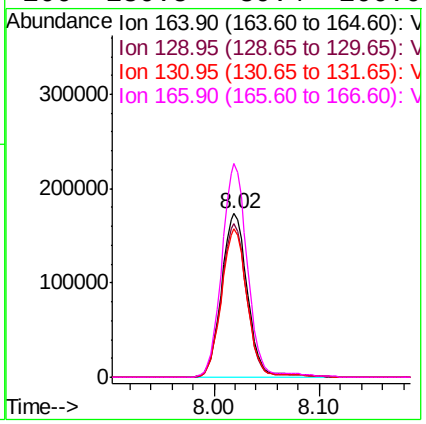


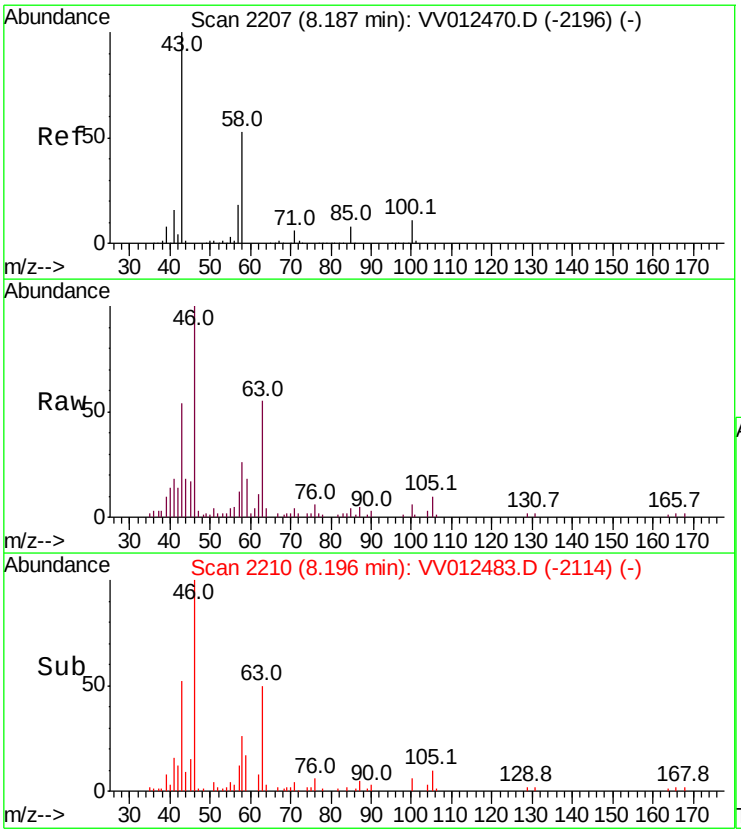
#47
Tetrachloroethene
Concen: 11.908 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 296604

Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.6	121.8
131	90.5	63.3	117.5
166	130.5	89.4	166.0

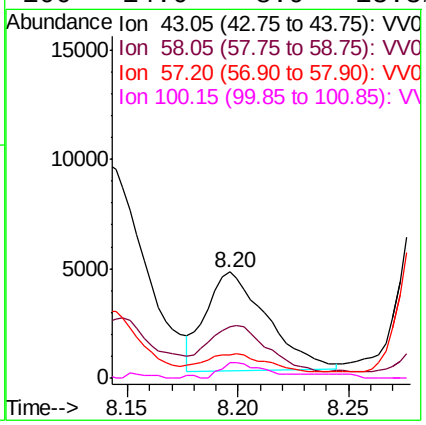


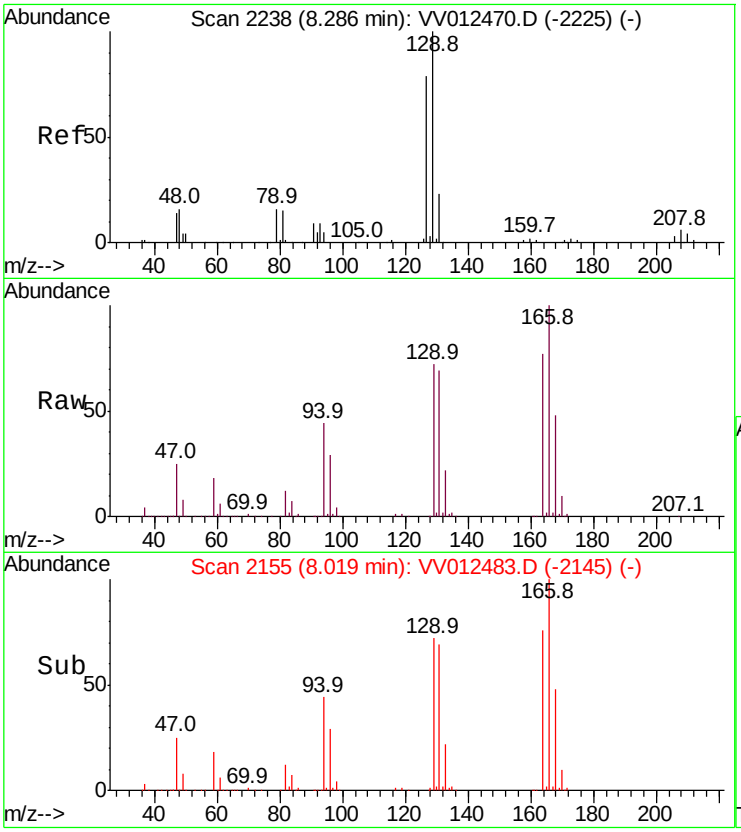


#48
2-Hexanone
Concen: 0.706 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 43 Resp: 8675

Ion	Ratio	Lower	Upper
43	100		
58	53.7	43.6	65.4
57	25.9	14.2	21.2#
100	14.0	8.9	13.3#



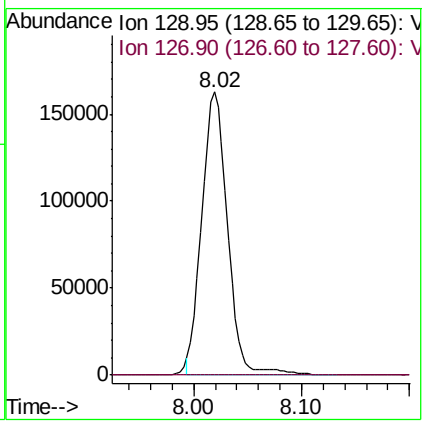


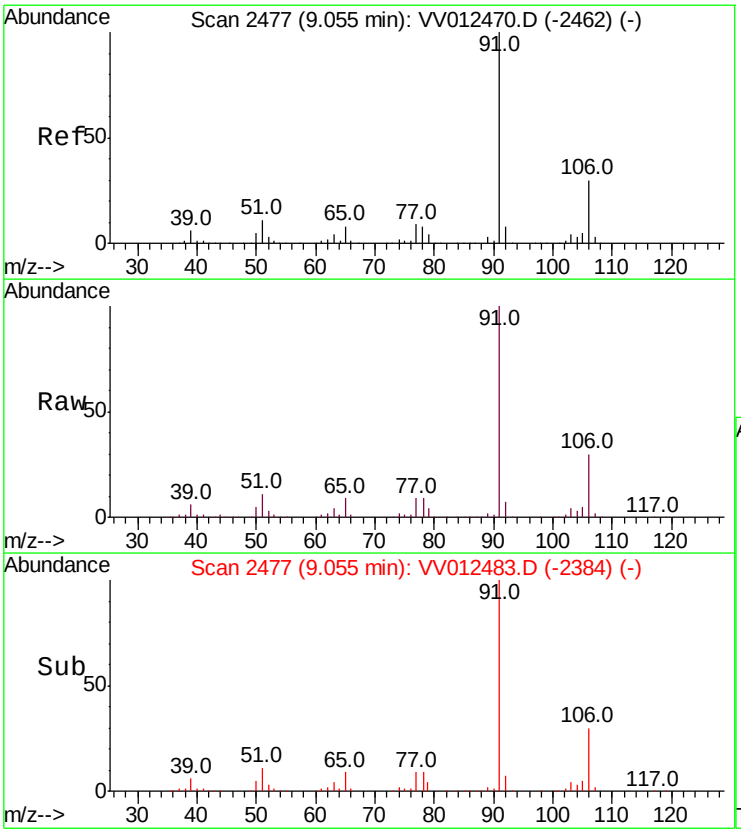
#49
Dibromochloromethane
Concen: 11.048 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 268756

Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.6	99.6#

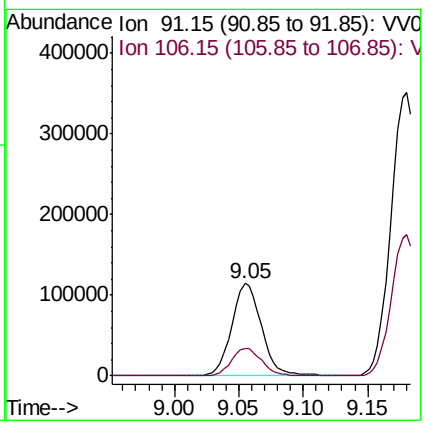


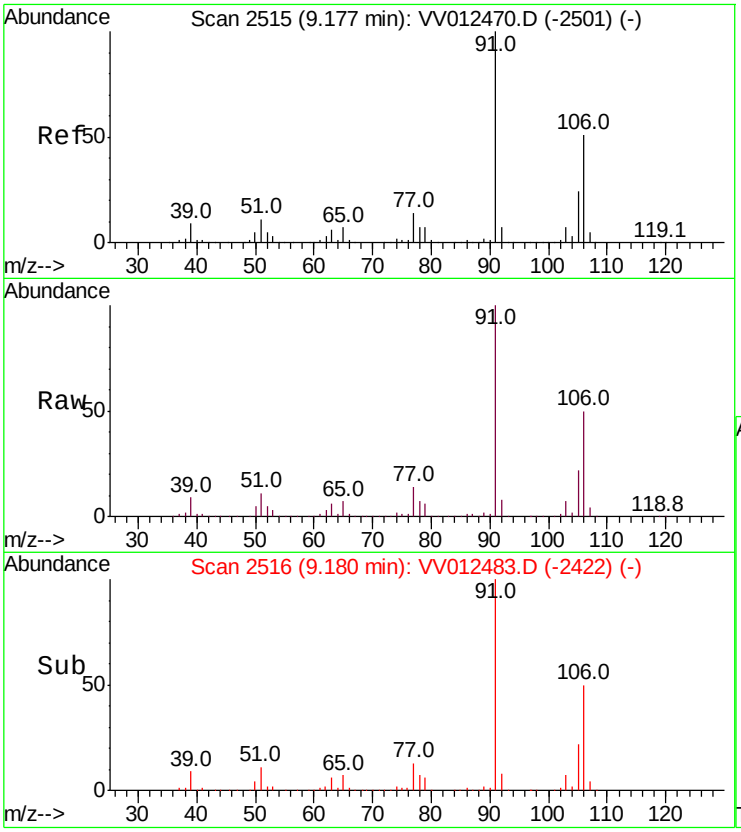


#52
Ethylbenzene
Concen: 1.405 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion: 91 Resp: 185598

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.1	39.3



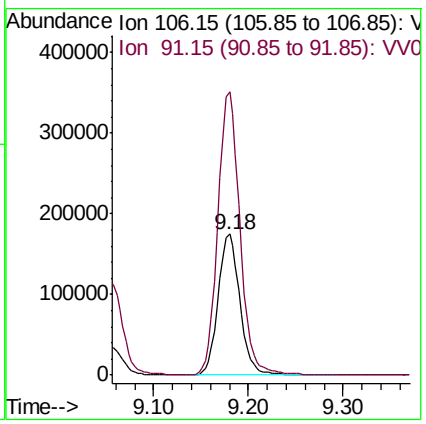


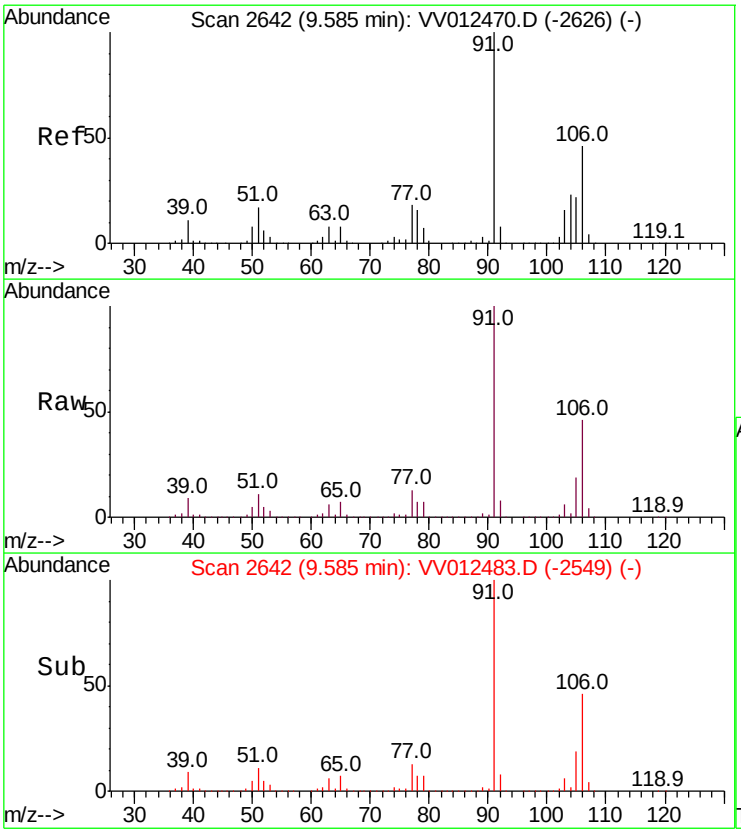
#53
m,p-xylene
Concen: 5.771 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 279452

Ion	Ratio	Lower	Upper
106	100		
91	200.6	141.3	262.3

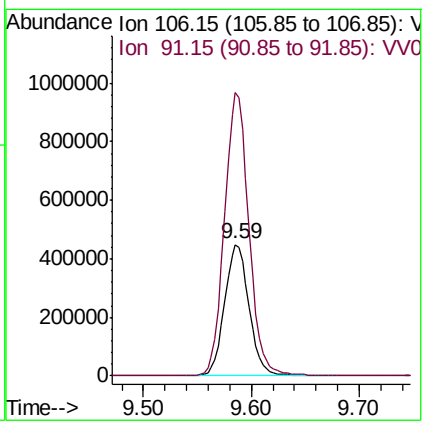


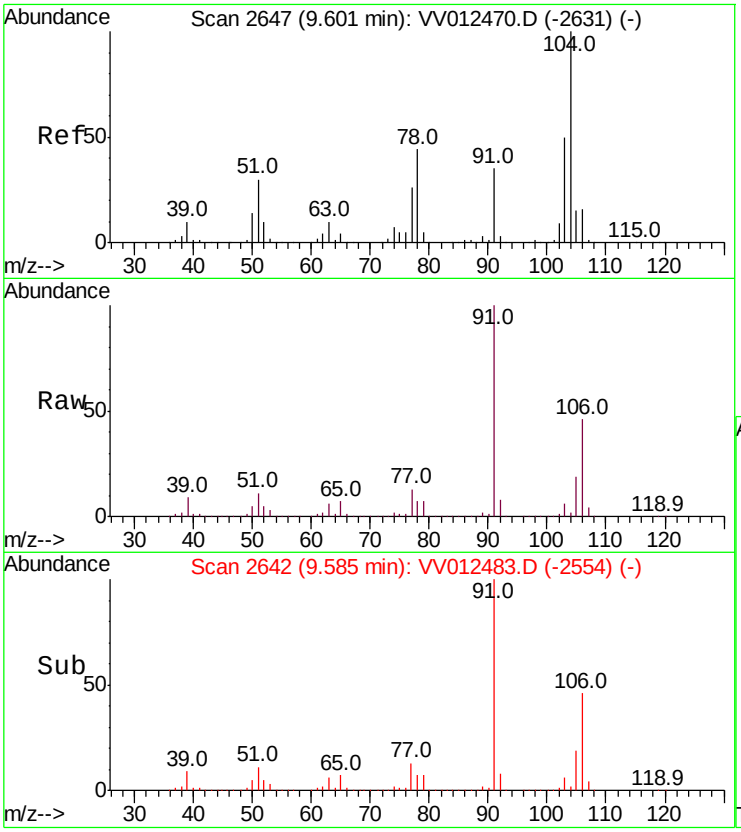


#54
o-xylene
Concen: 15.030 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion:106 Resp: 710620

Ion	Ratio	Lower	Upper
106	100		
91	215.4	155.6	289.0



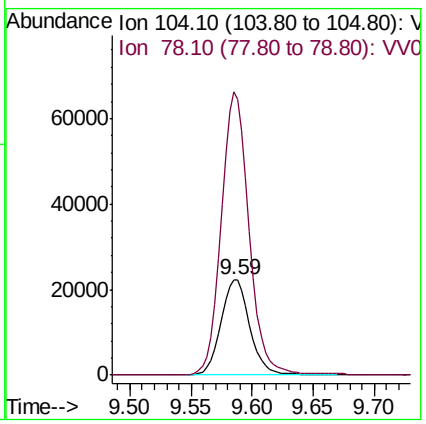


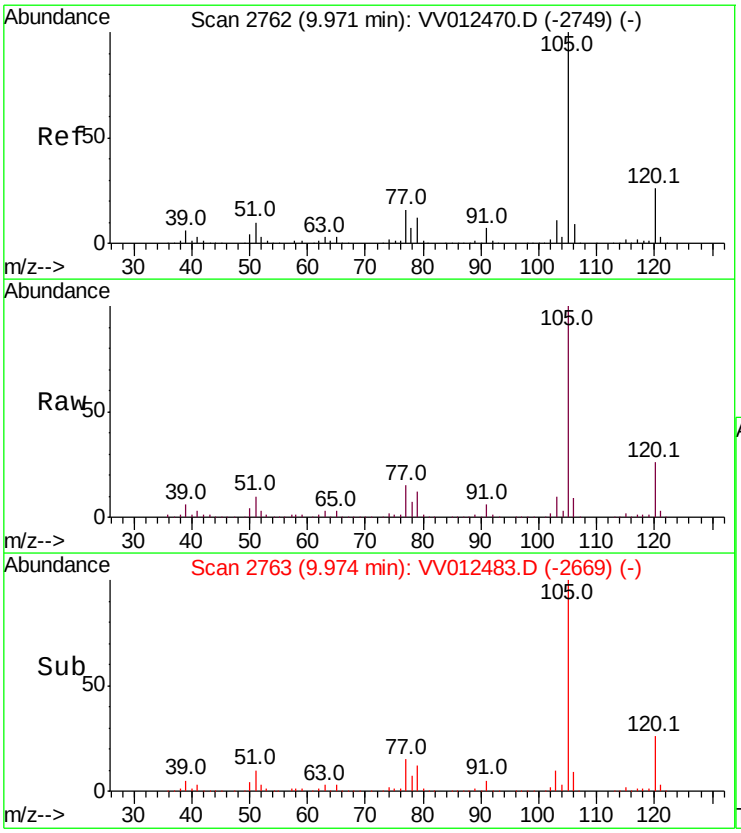
#55
Stvrene
Concen: 0.469 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.02 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 37196

Ion	Ratio	Lower	Upper
104	100		
78	295.4	31.8	59.0#

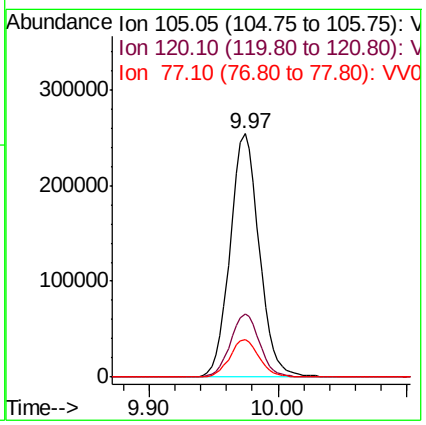


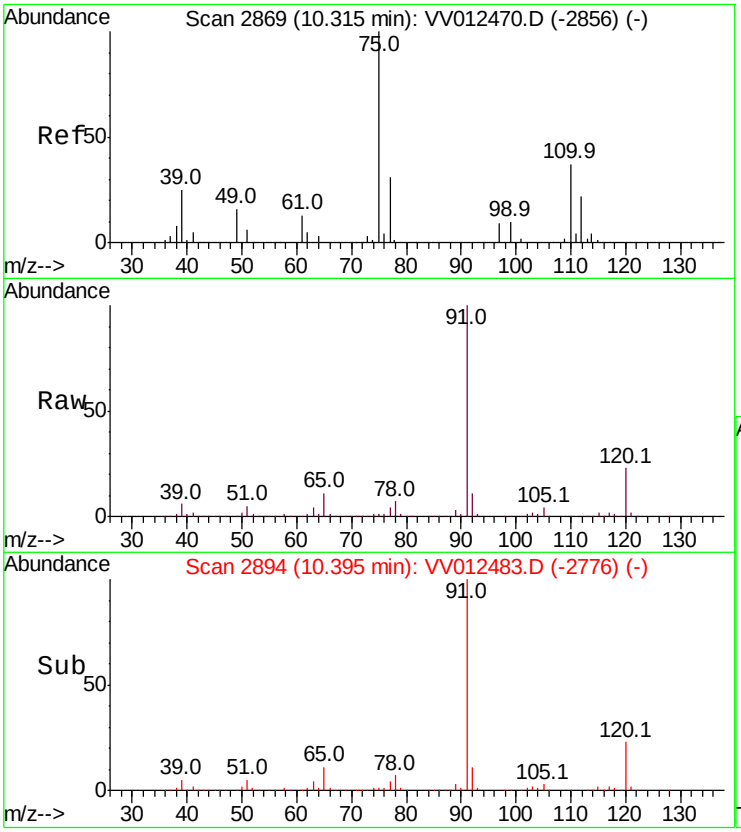


#56
Isopropylbenzene
Concen: 3.206 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion:105 Resp: 399162

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.6	31.0
77	15.5	12.7	19.1



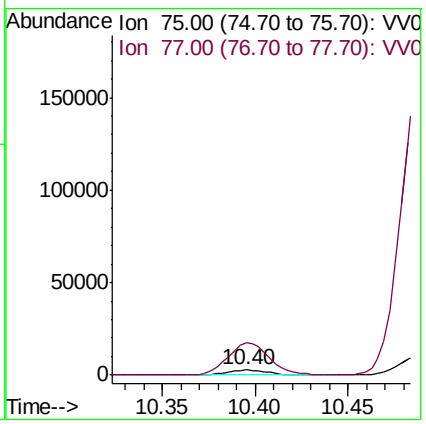


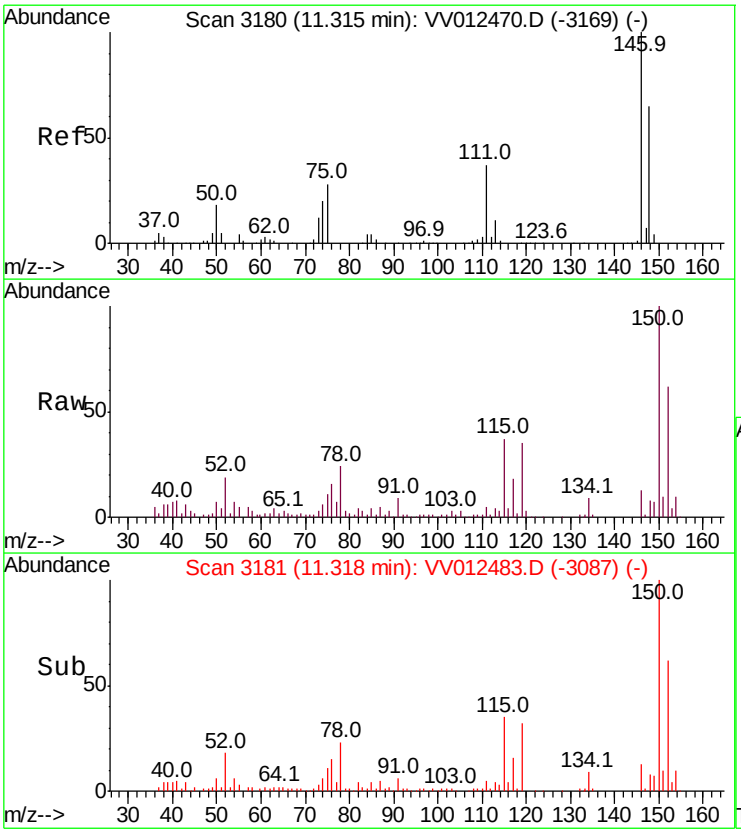
#59
1,2,3-Trichloropropane
Concen: 0.246 ug/L
RT: 10.40 min Scan# 2894
Delta R.T. 0.08 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4346

Ion	Ratio	Lower	Upper
75	100		
77	641.1	25.2	37.8#

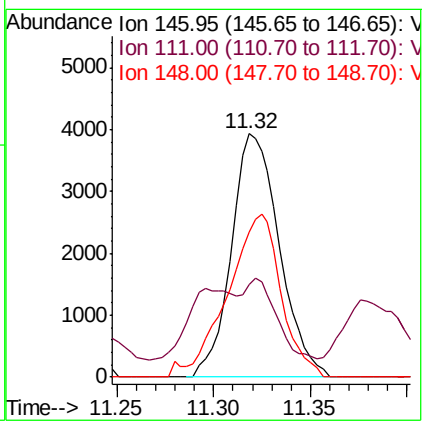


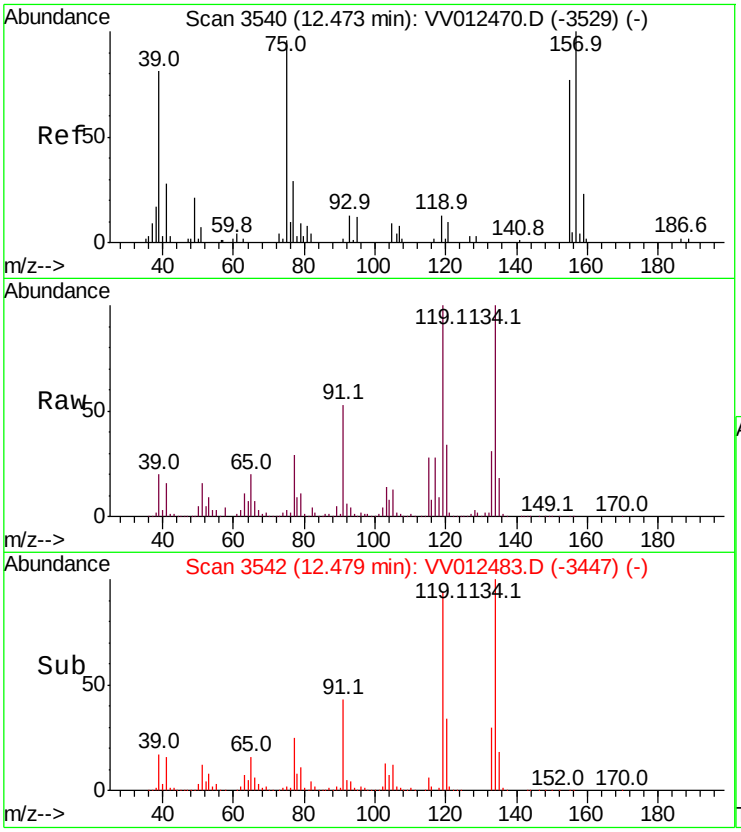


#63
1,4-Dichlorobenzene
Concen: 0.102 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Tgt Ion:146 Resp: 6760

Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.8	49.8
148	59.6	44.5	82.7





#66
1,2-Dibromo-3-chloropropane
Concen: 93.397 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. 0.01 min
Lab File: VV012483.D
Acq: 31 Aug 2019 06:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 392764

Ion	Ratio	Lower	Upper
75	100		
155	0.1	68.6	102.8#
157	0.0	88.6	133.0#