Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032519\

Quantitation Report (Not Reviewed)

Data File : VV009858.D
Acq On : 25 Mar 2019 13:24
Operator : SY/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK35

Quant Time: Mar 26 07:06:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:03:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190911	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77579	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	104476	53.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.20%			
7) Chloroethane-d5	1.56	69	106400	48.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.02%			
11) 1,1-Dichloroethene-d2	2.12	63	209917	36.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.06%			
21) 2-Butanone-d5	3.93	46	89968	103.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.40%			
24) Chloroform-d	4.40	84	126186	46.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.10%			
26) 1,2-Dichloroethane-d4	5.08	65	89773	49.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.08%			
32) Benzene-d6	5.10	84	271759	55.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.18%			
36) 1,2-Dichloropropane-d6	6.12	67	83842	55.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.18%			
41) Toluene-d8	7.36	98	248615	51.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.92%			
43) trans-1,3-Dichloropropene-	7.67	79	34123	49.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.18%			
47) 2-Hexanone-d5	8.13	63	65291	104.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.66%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113188	45.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.66%			
64) 1,2-Dichlorobenzene-d4	11.67	152	83837	46.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.30%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1217	0.729	ug/L	94
3) Chloromethane	1.25	50	1558	0.875	ug/L	94
6) Bromomethane	1.51	94	1793	0.855	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4168	1.422	ug/L #	64
12) 1,1-Dichloroethene	2.13	96	3242	1.250	ug/L #	1
13) Acetone	2.18	43	2191	2.115	ug/L	99
14) Carbon disulfide	2.31	76	8183	2.395	ug/L #	89
15) Methyl Acetate	2.46	43	861	0.646	ug/L #	69
16) Methylene chloride	2.54	84	923	0.626	ug/L	89
17) trans-1,2-Dichloroethene	2.79	96	1499	1.112	ug/L #	72
34) Trichloroethene	5.96	95	761	0.575	ug/L	83
40) 4-Methyl-2-pentanone	7.27	43	2341	1.253	ug/L #	93
42) Toluene	7.43	91	3703	0.610	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	1850	1.013	ug/L	88
46) Tetrachloroethene	8.01	164	645	0.603	ug/L	82
48) 2-Hexanone	8.19	43	2519	1.778	ug/L #	50
49) Dibromochloromethane	8.29	129	751	0.538	ug/L #	64

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032519\

Quantitation Report (Not Reviewed)

Data File : VV009858.D
Acq On : 25 Mar 2019 13:24
Operator : SY/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK35

Quant Time: Mar 26 07:06:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:03:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Chlorobenzene	8.93	112	3344	0.832	ug/L	#	82
52) Ethylbenzene	9.05	91	3605	0.528	ug/L		86
53) m,p-Xylene	9.18	106	1729	0.650	ug/L		83
55) Styrene	9.61	104	2255	0.501	ug/L		93
56) Isopropylbenzene	9.97	105	3848	0.557	ug/L	#	74
58) 1,1,2,2-Tetrachloroethane	10.29	83	2368	0.965	ug/L	#	74
59) 1,2,3-Trichloropropane	10.32	75	1167	0.634	ug/L		99
61) Bromoform	9.77	173	548	0.636	ug/L	#	53
62) 1,3-Dichlorobenzene	11.23	146	4154	1.563	ug/L		85
63) 1,4-Dichlorobenzene	11.32	146	5418	1.945	ug/L		95
65) 1,2-Dichlorobenzene	11.69	146	4367	1.556	ug/L	#	86
67) 1,3,5-Trichlorobenzene	12.69	180	3194	1.762	ug/L		89
68) 1,2,4-trichlorobenzene	13.31	180	3936	2.725	ug/L	#	95
69) Naphthalene	13.56	128	13112	3.451	ug/L	#	94
70) 1,2,3-Trichlorobenzene	13.80	180	4601	3.148	ug/L		97

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

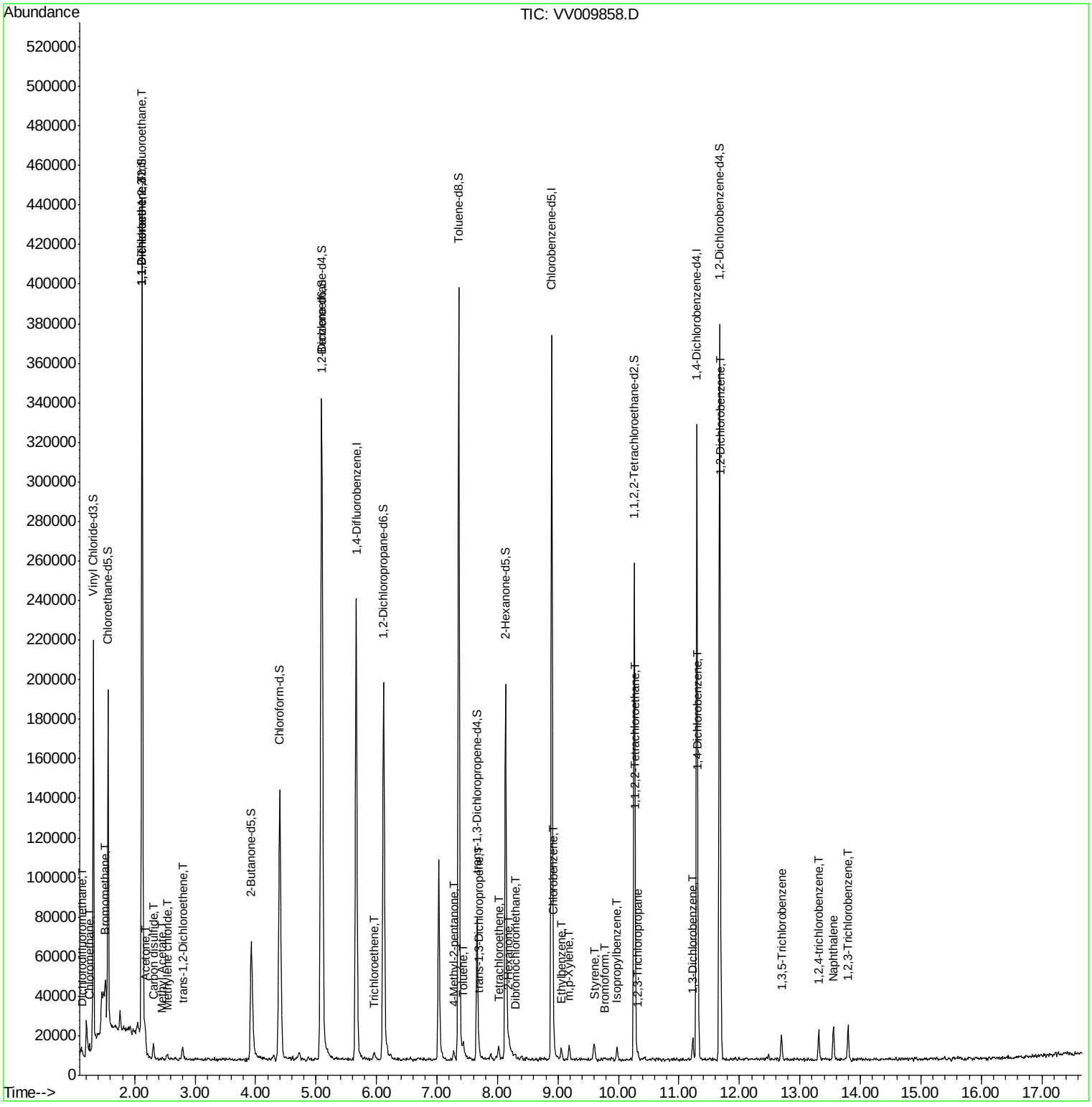
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032519\

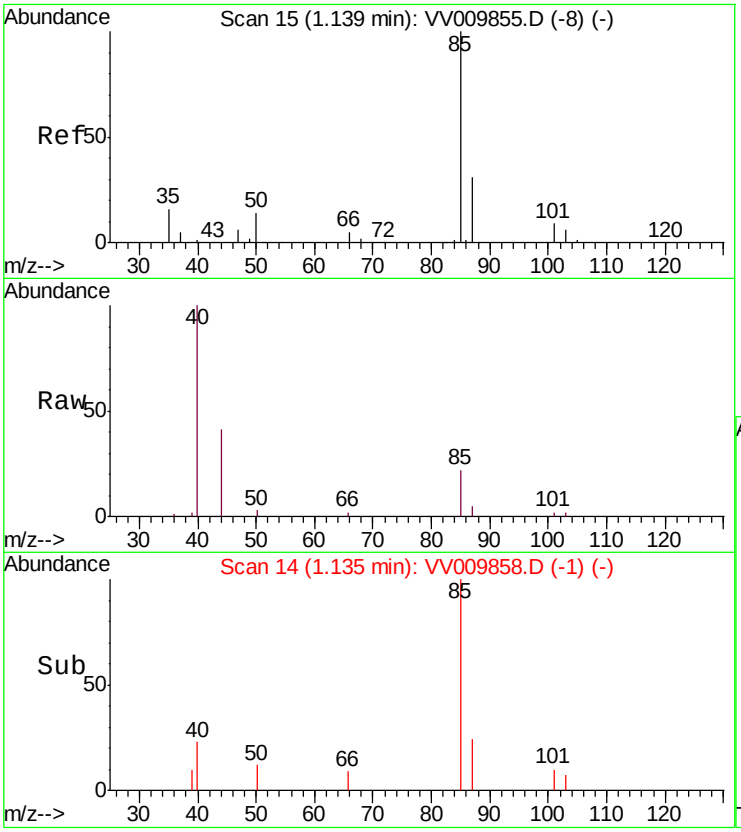
Quantitation Report (Not Reviewed)

Data File : VV009858.D
Acq On : 25 Mar 2019 13:24
Operator : SY/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Quant Time: Mar 26 07:06:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:03:00 2019
Response via : Initial Calibration



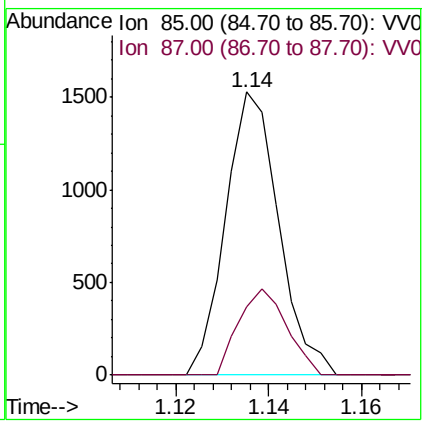


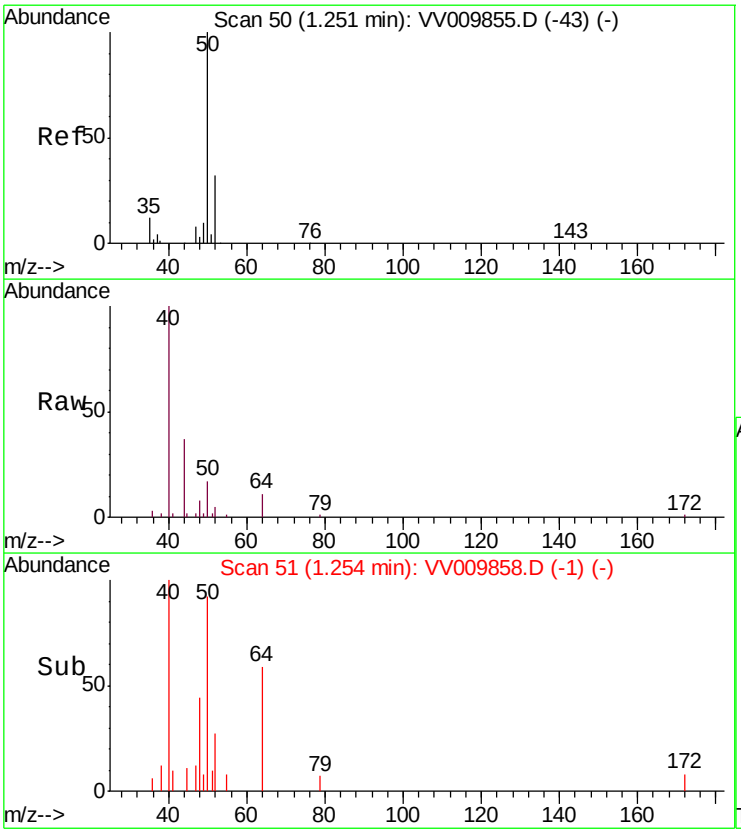
#2
Dichlorodifluoromethane
Concen: 0.729 ug/L
RT: 1.14 min Scan# 14
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 85 Resp: 1217

Ion	Ratio	Lower	Upper
85	100		
87	27.5	24.6	37.0

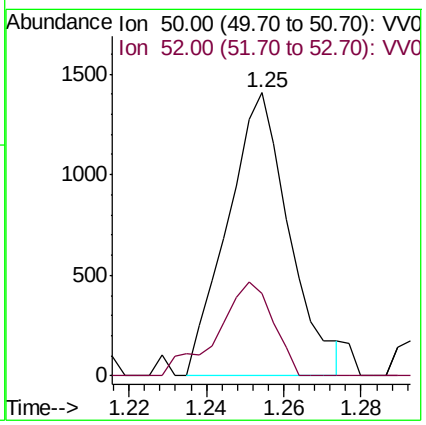


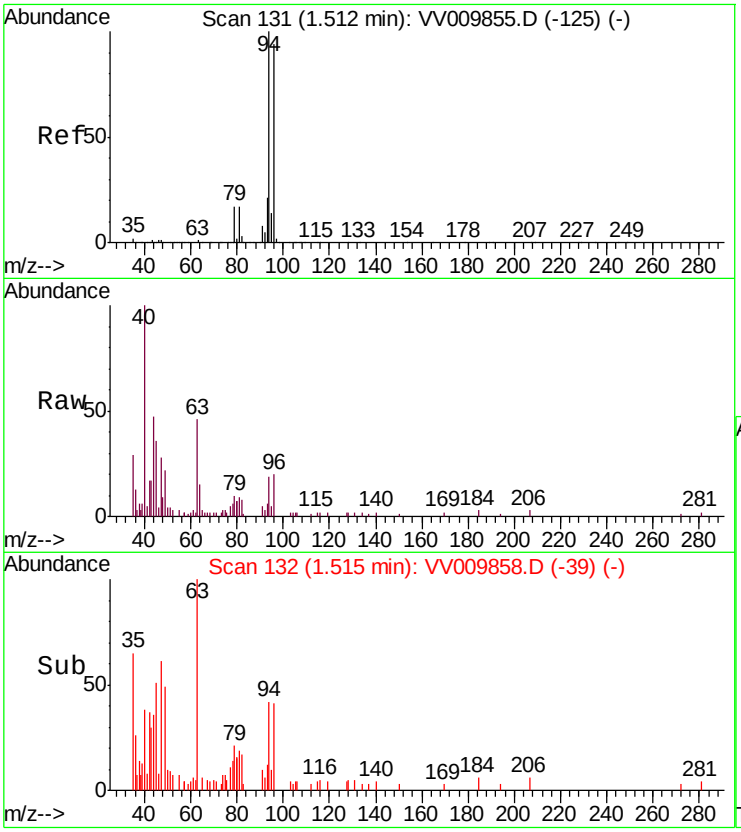


#3
Chloromethane
Concen: 0.875 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 50 Resp: 1558

Ion	Ratio	Lower	Upper
50	100		
52	29.2	22.6	42.0



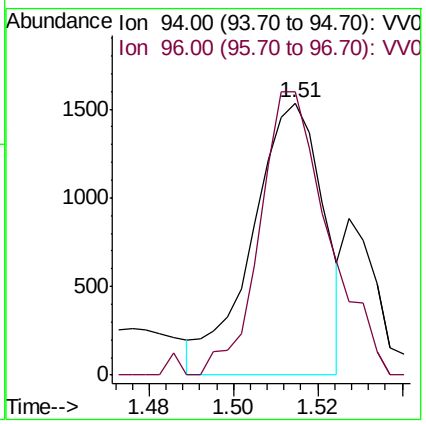


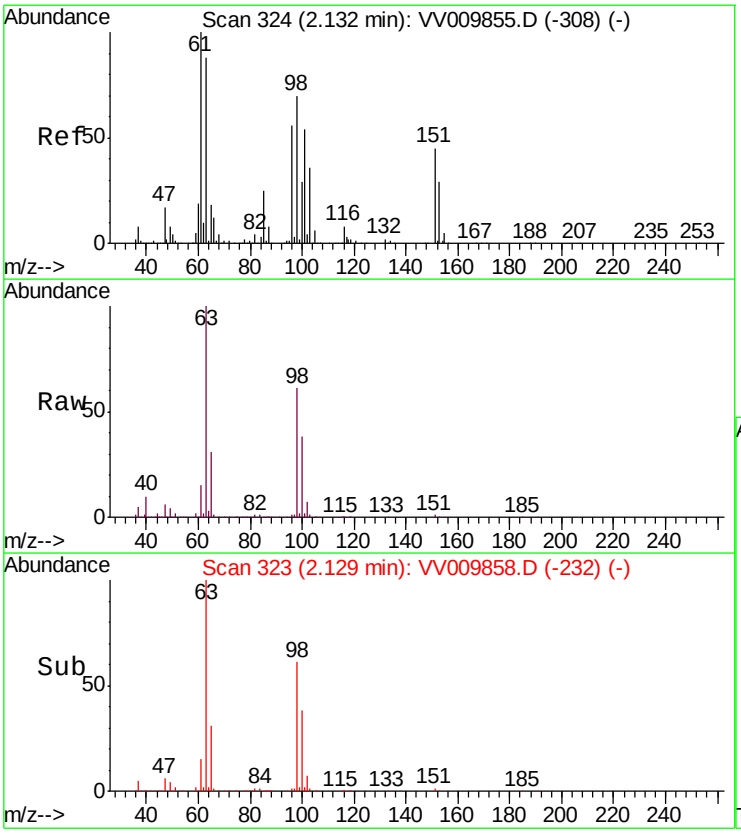
#6
Bromomethane
Concen: 0.855 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 94 Resp: 1793

Ion	Ratio	Lower	Upper
94	100		
96	104.0	65.4	121.4

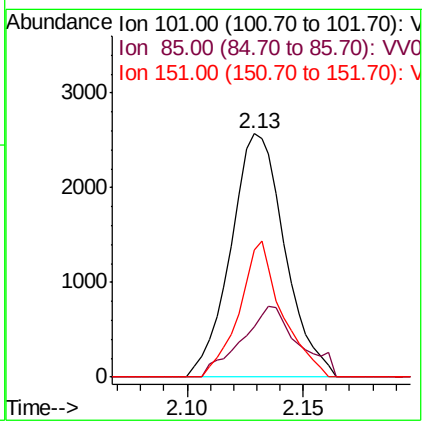


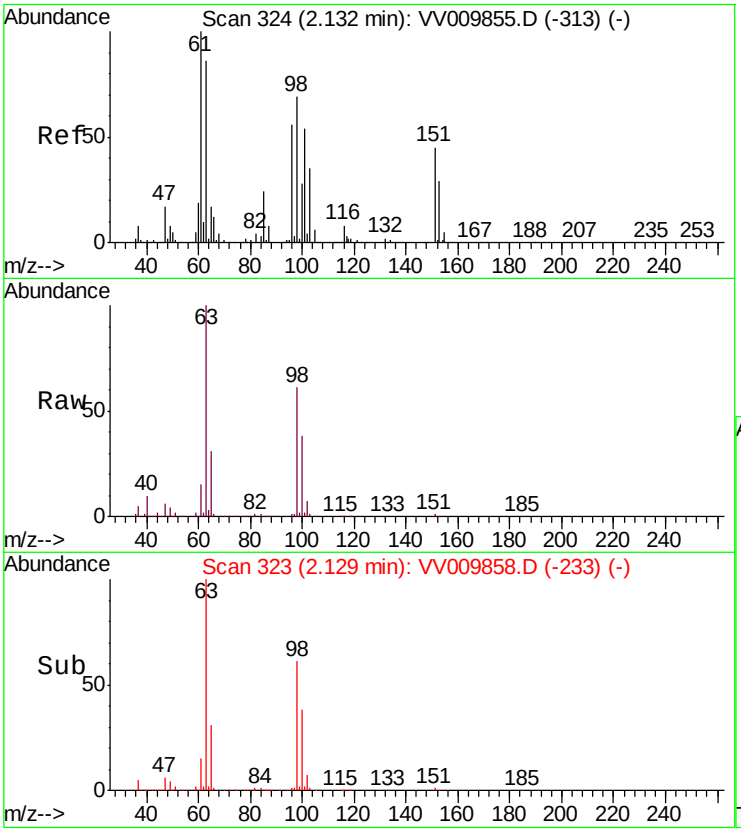


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.422 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:101 Resp: 4168

Ion	Ratio	Lower	Upper
101	100		
85	29.4	37.0	55.4#
151	44.2	65.4	98.2#



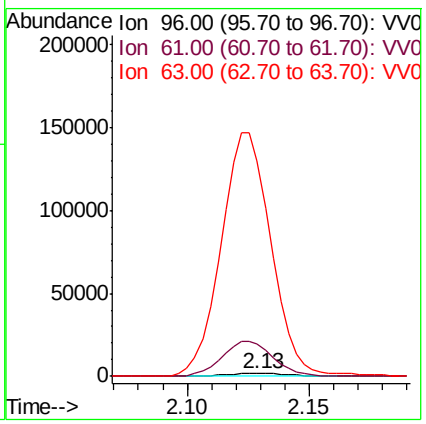


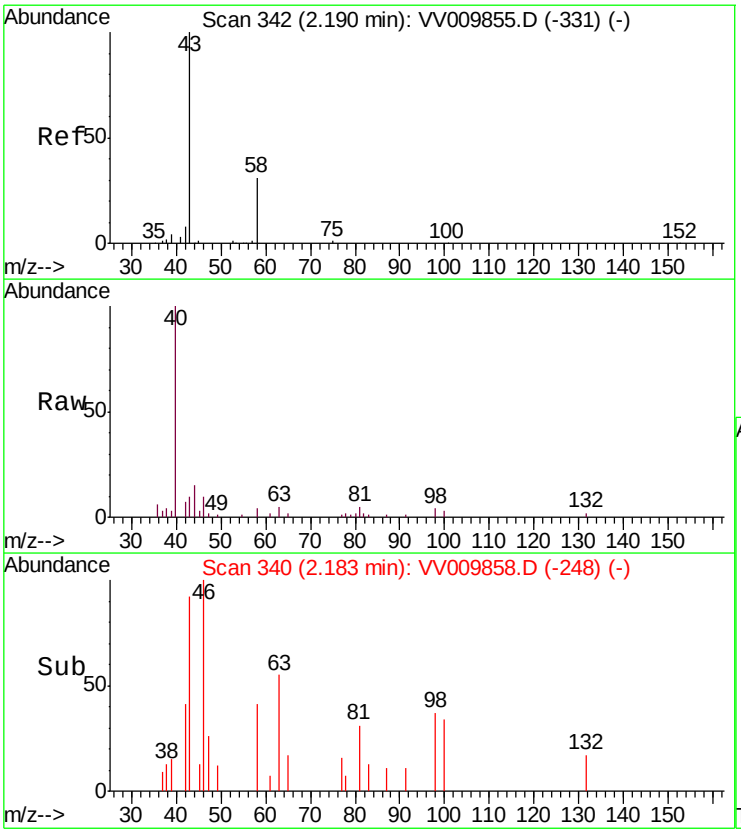
#12
1,1-Dichloroethene
Concen: 1.250 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 96 Resp: 3242

Ion	Ratio	Lower	Upper
96	100		
61	1116.2	125.3	232.7#
63	7526.4	109.7	203.7#

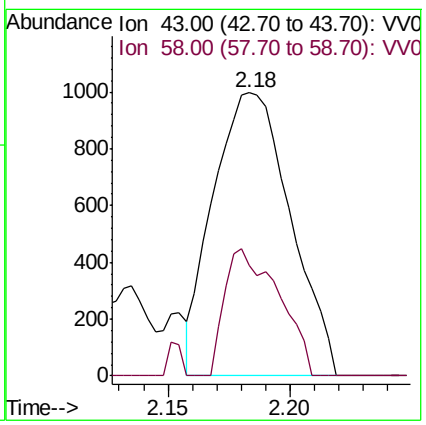


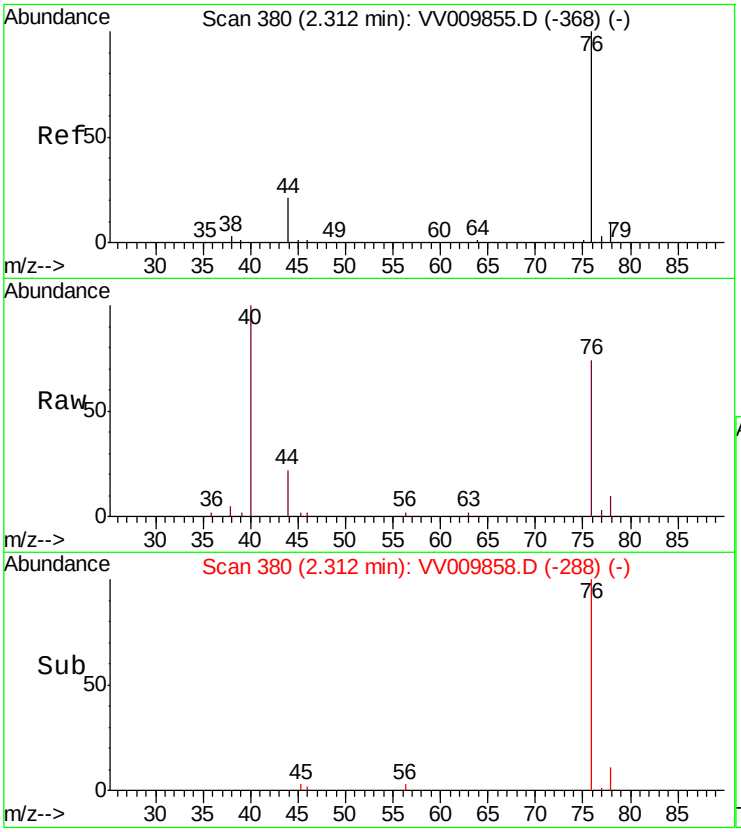


#13
Acetone
Concen: 2.115 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 43 Resp: 2191

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	65.2



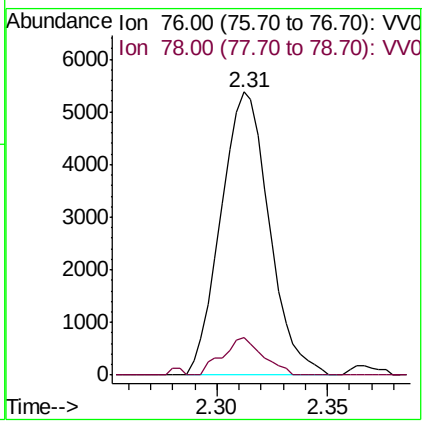


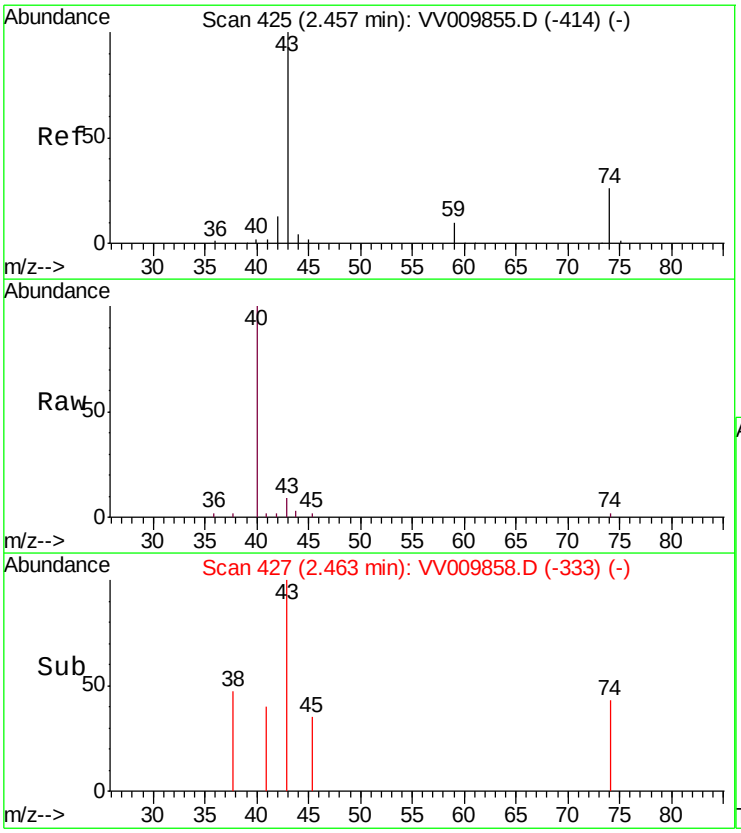
#14
Carbon disulfide
Concen: 2.395 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 76 Resp: 8183

Ion	Ratio	Lower	Upper
76	100		
78	13.2	7.4	11.2#

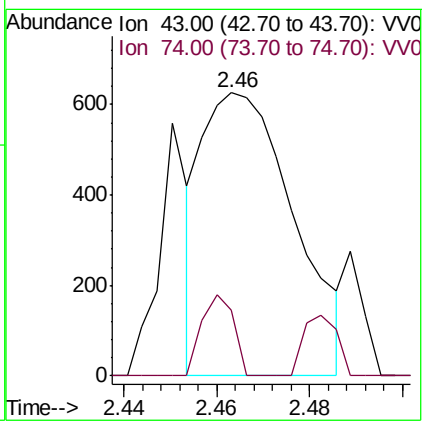


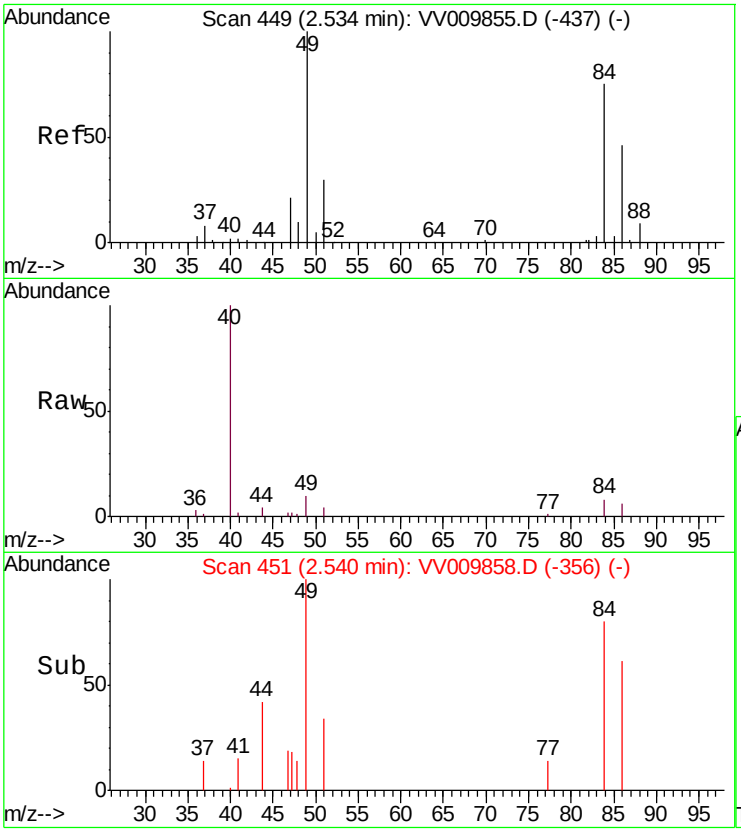


#15
Methyl Acetate
Concen: 0.646 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 43 Resp: 861

Ion	Ratio	Lower	Upper
43	100		
74	10.0	20.6	31.0#



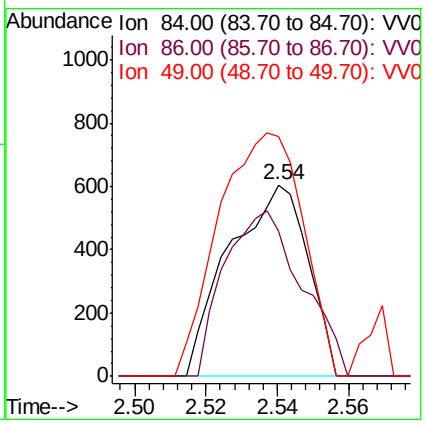


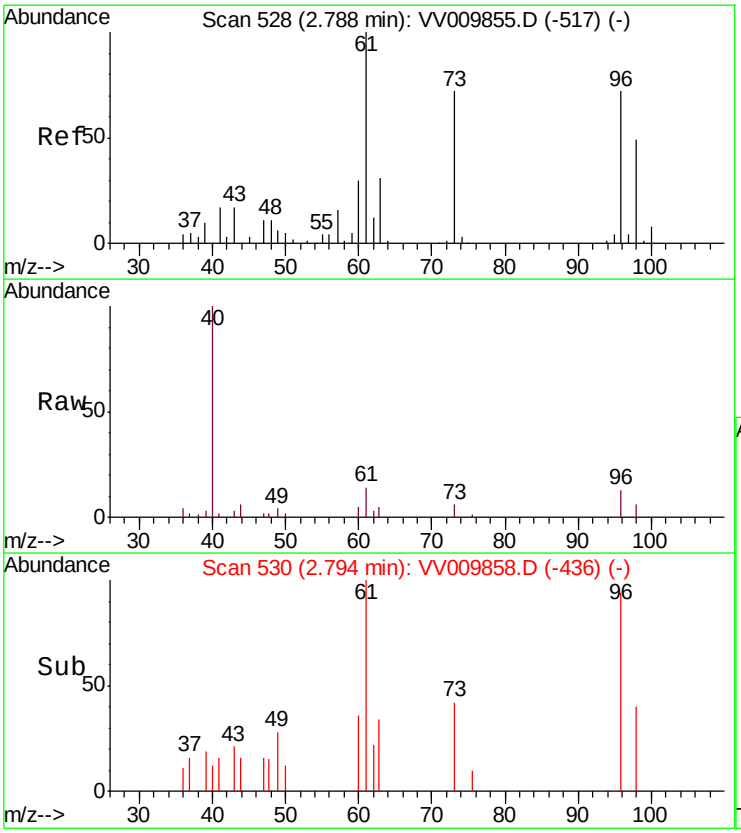
#16
Methylene chloride
Concen: 0.626 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 84 Resp: 923

Ion	Ratio	Lower	Upper
84	100		
86	76.2	42.8	79.4
49	125.2	93.7	173.9

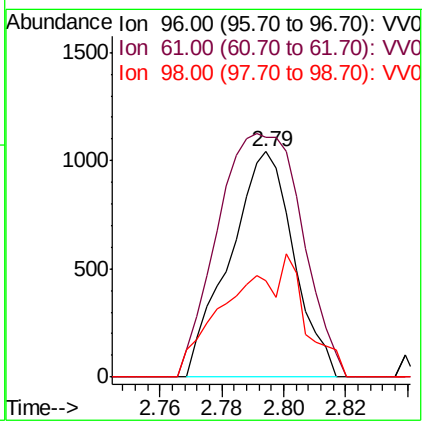


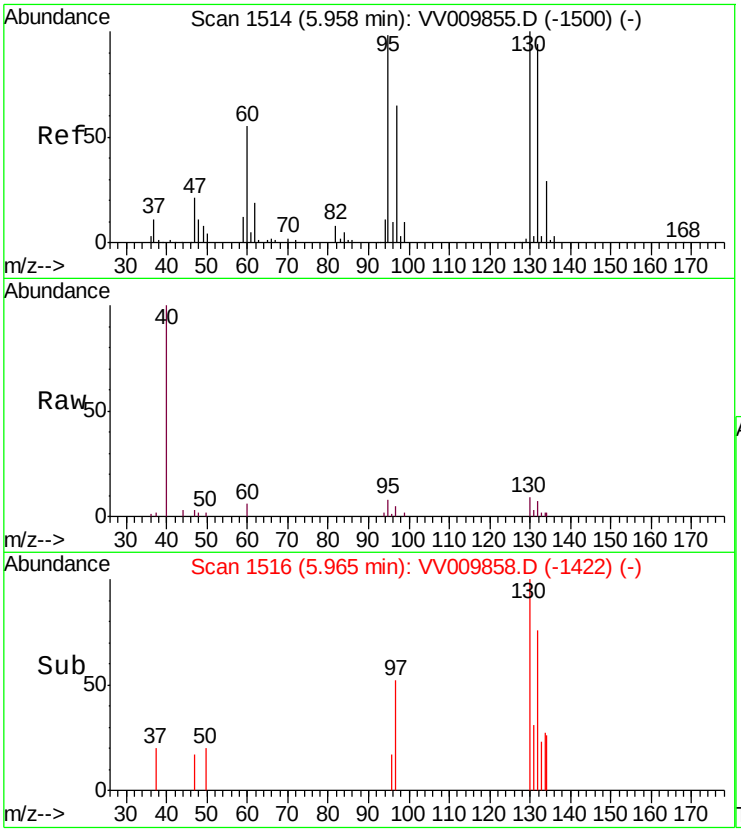


#17
trans-1,2-Dichloroethene
Concen: 1.112 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 96 Resp: 1499

Ion	Ratio	Lower	Upper
96	100		
61	106.6	96.9	179.9
98	42.6	46.8	87.0#



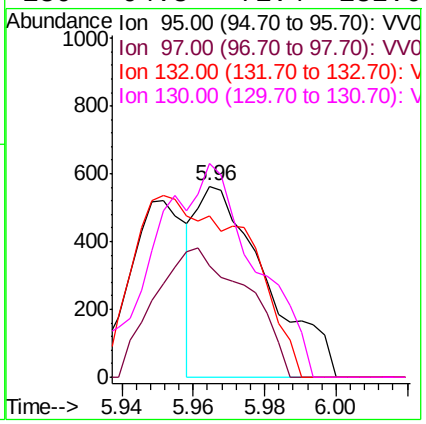


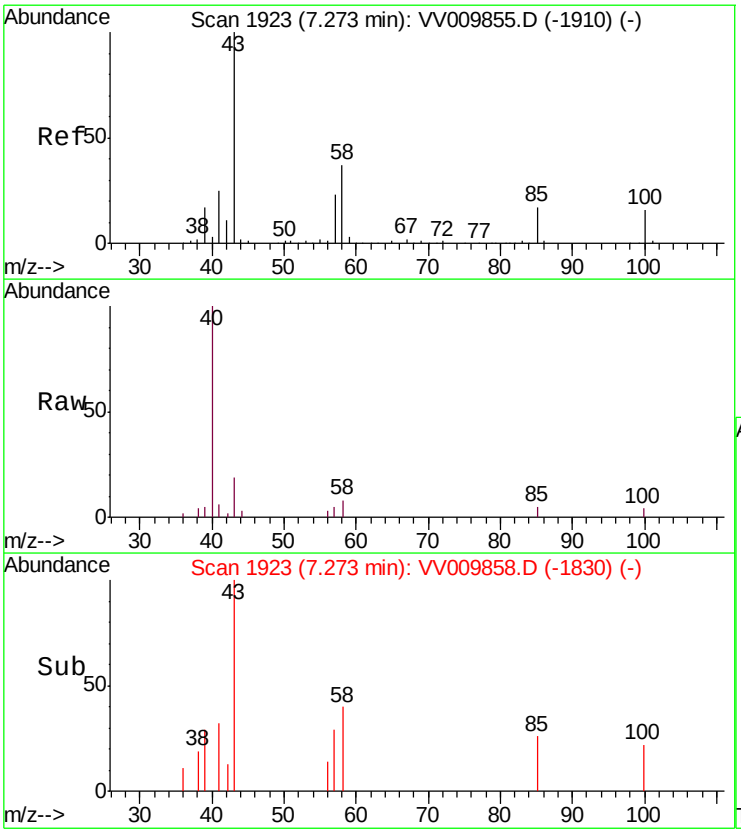
#34
Trichloroethene
Concen: 0.575 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument : MSVOA_V
ClientSampleId : VBLK35

Tgt Ion: 95 Resp: 761

Ion	Ratio	Lower	Upper
95	100		
97	49.4	46.1	85.5
132	71.3	67.0	124.4
130	94.3	71.4	132.6

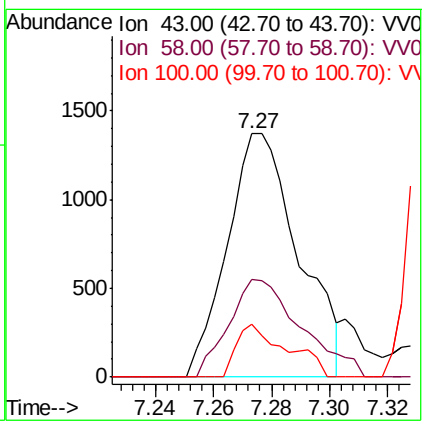


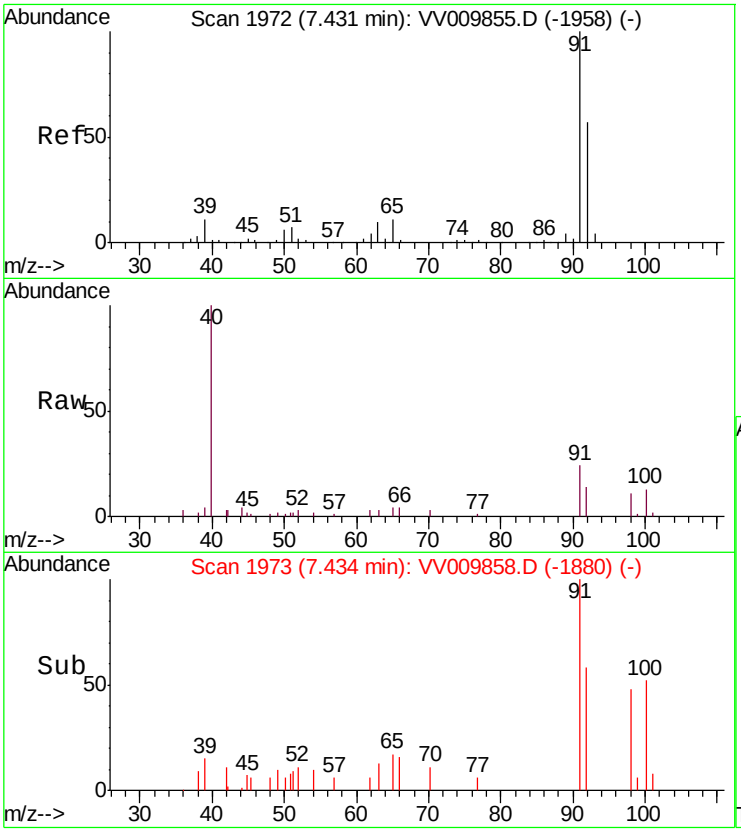


#40
4-Methyl-2-pentanone
Concen: 1.253 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 43 Resp: 2341

Ion	Ratio	Lower	Upper
43	100		
58	40.8	29.8	44.8
100	11.9	12.2	18.4#



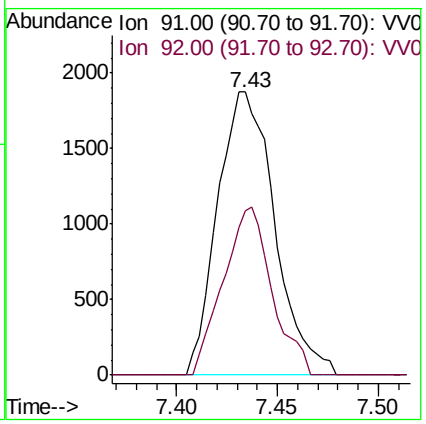


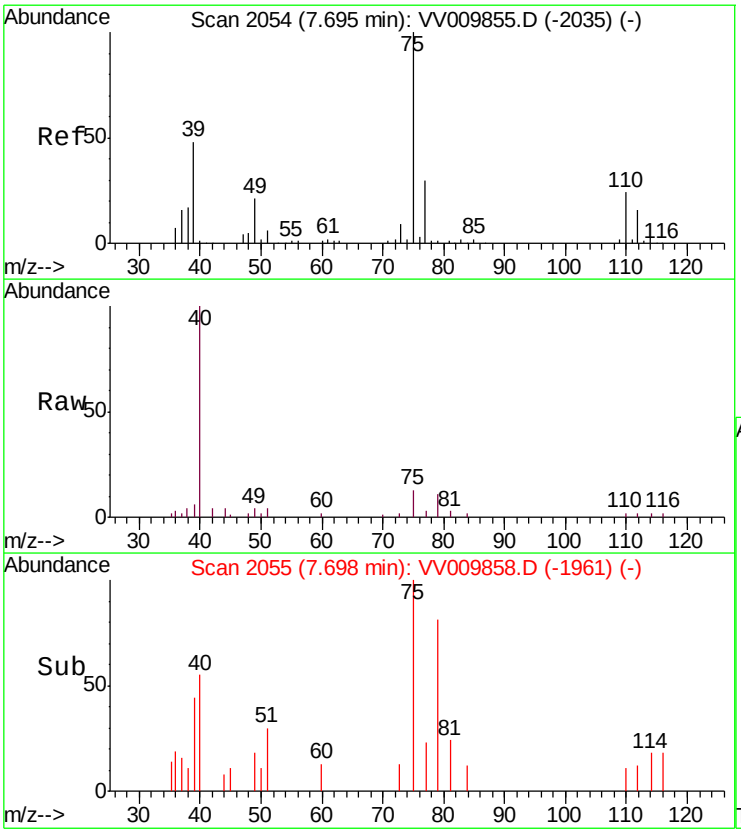
#42
Toluene
Concen: 0.610 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 91 Resp: 3703

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.2	74.6

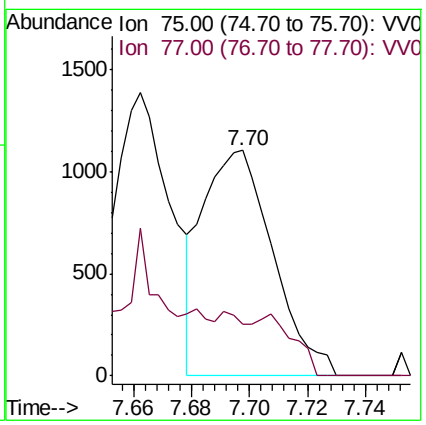


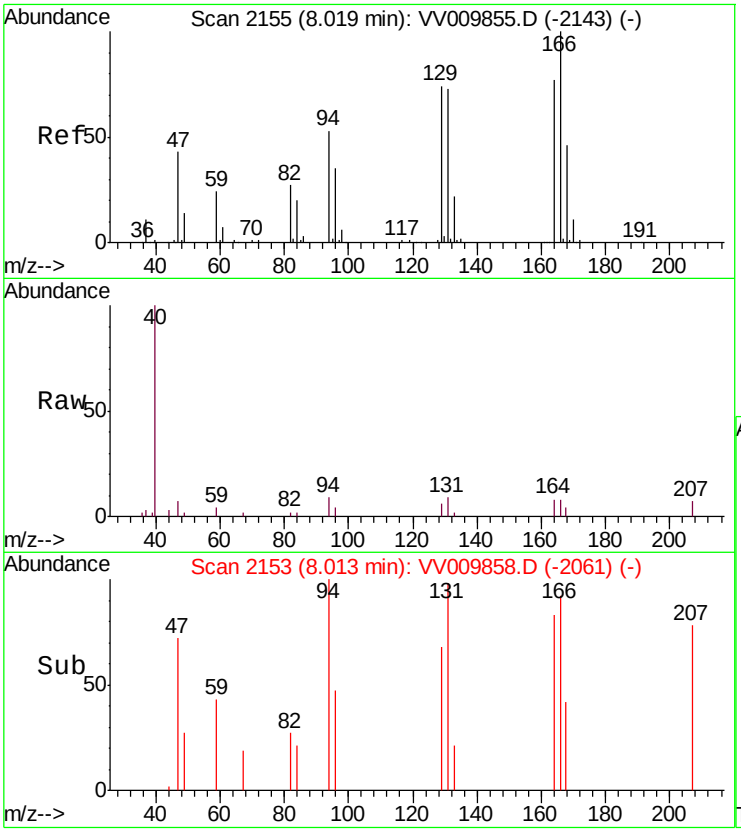


#44
trans-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.70 min Scan# 2055
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 75 Resp: 1850

Ion	Ratio	Lower	Upper
75	100		
77	22.9	20.7	38.5



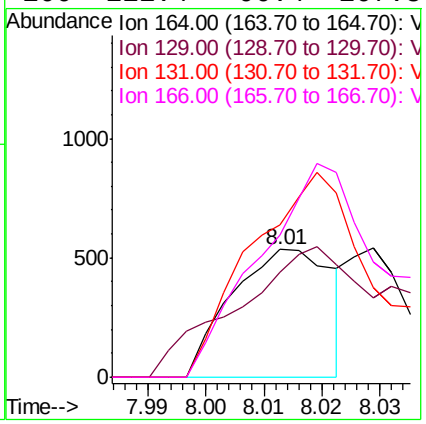


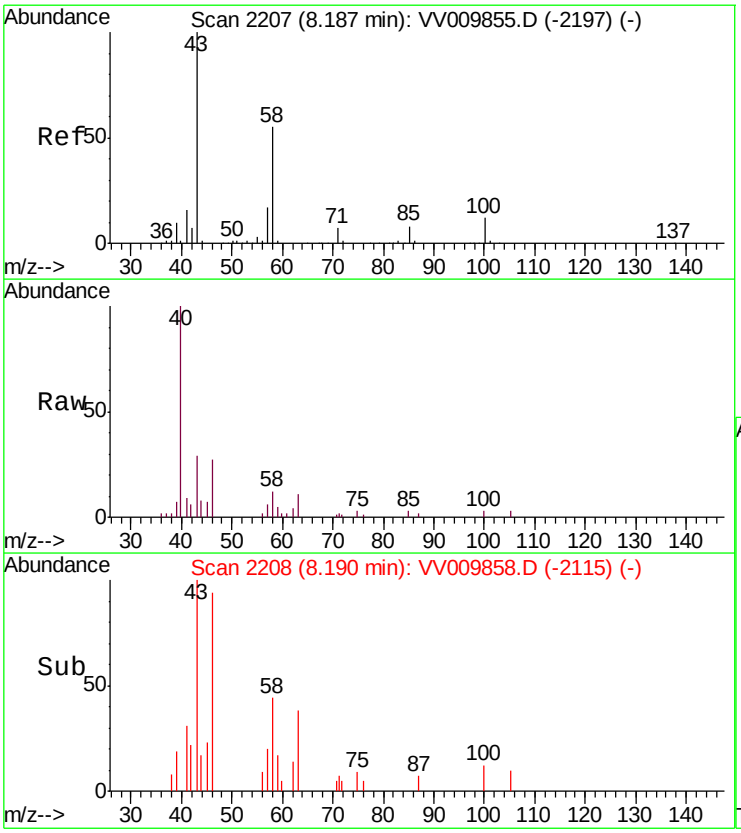
#46
Tetrachloroethene
Concen: 0.603 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument : MSVOA_V
ClientSampleId : VBLK35

Tgt Ion:164 Resp: 645

Ion	Ratio	Lower	Upper
164	100		
129	81.7	66.8	124.0
131	119.0	65.7	122.1
166	111.4	90.4	167.8

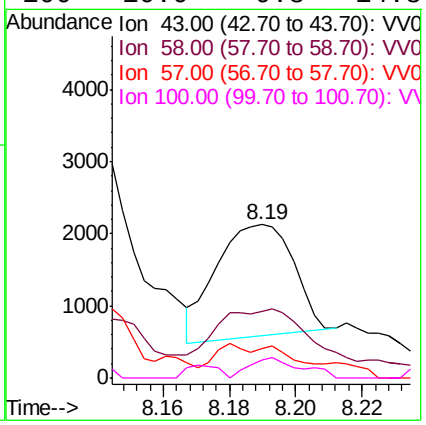


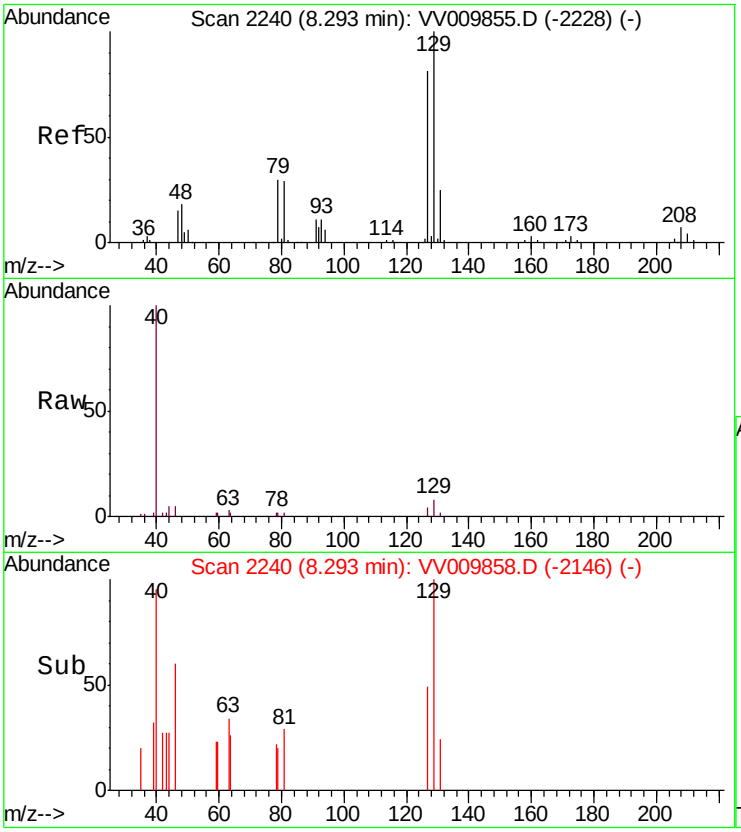


#48
2-Hexanone
Concen: 1.778 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 43 Resp: 2519

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.9	62.9#
57	14.2	14.2	21.2
100	10.0	9.8	14.8



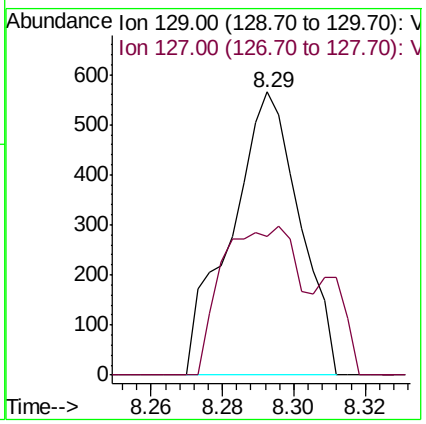


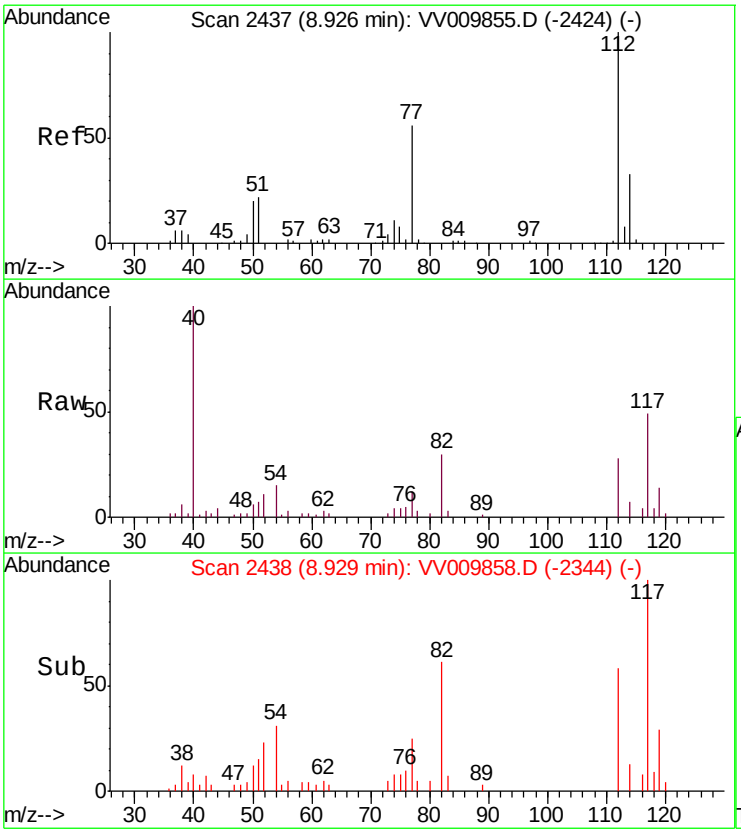
#49
Dibromochloromethane
Concen: 0.538 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument : MSVOA_V
ClientSampleId : VBLK35

Tgt Ion:129 Resp: 751

Ion	Ratio	Lower	Upper
129	100		
127	48.8	56.8	105.4#

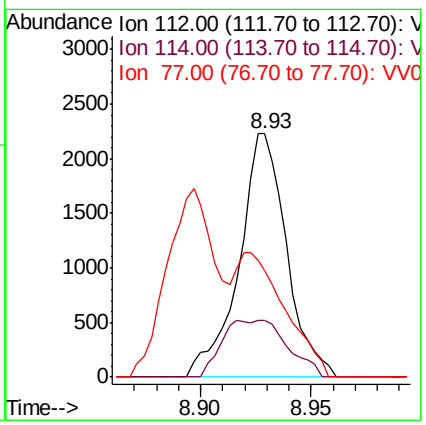


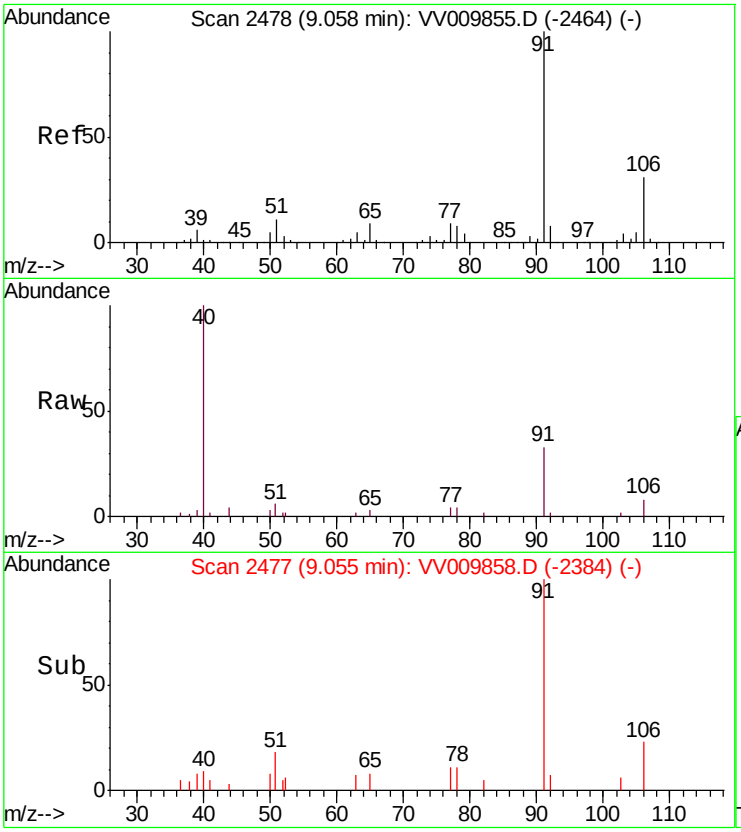


#51
Chlorobenzene
Concen: 0.832 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:112 Resp: 3344

Ion	Ratio	Lower	Upper
112	100		
114	23.3	23.3	43.3#
77	43.8	45.8	68.6#



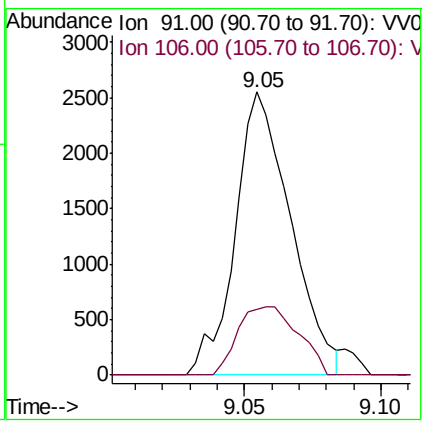


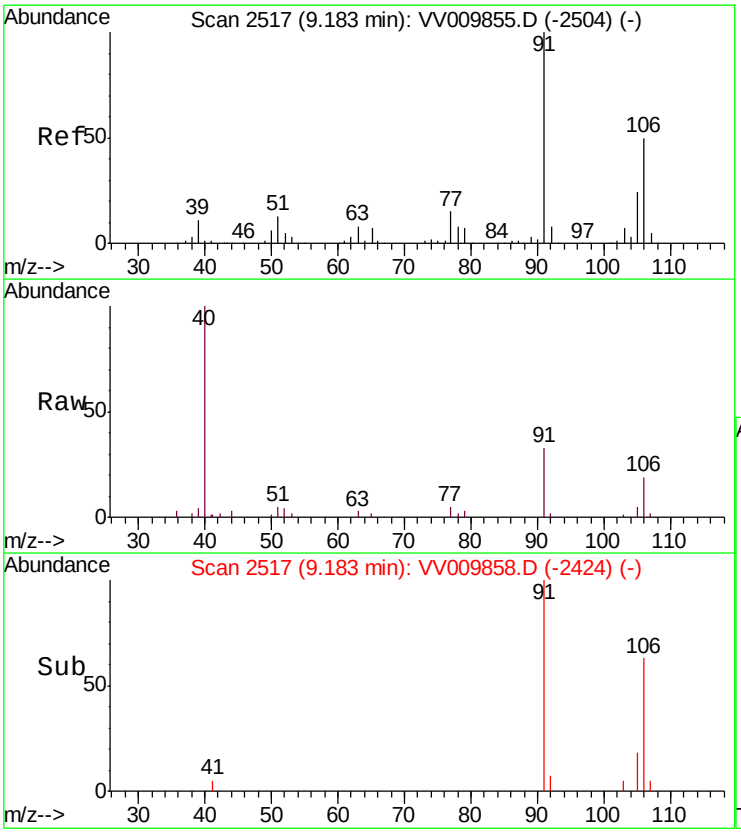
#52
Ethylbenzene
Concen: 0.528 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 91 Resp: 3605

Ion	Ratio	Lower	Upper
91	100		
106	23.4	21.8	40.4

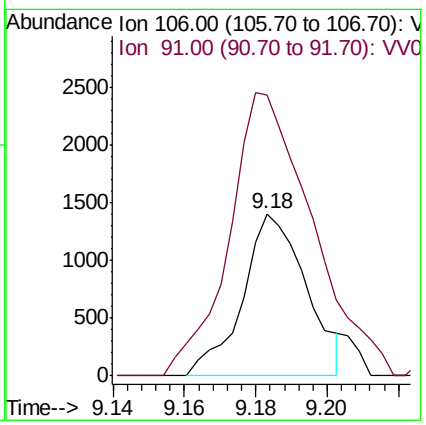


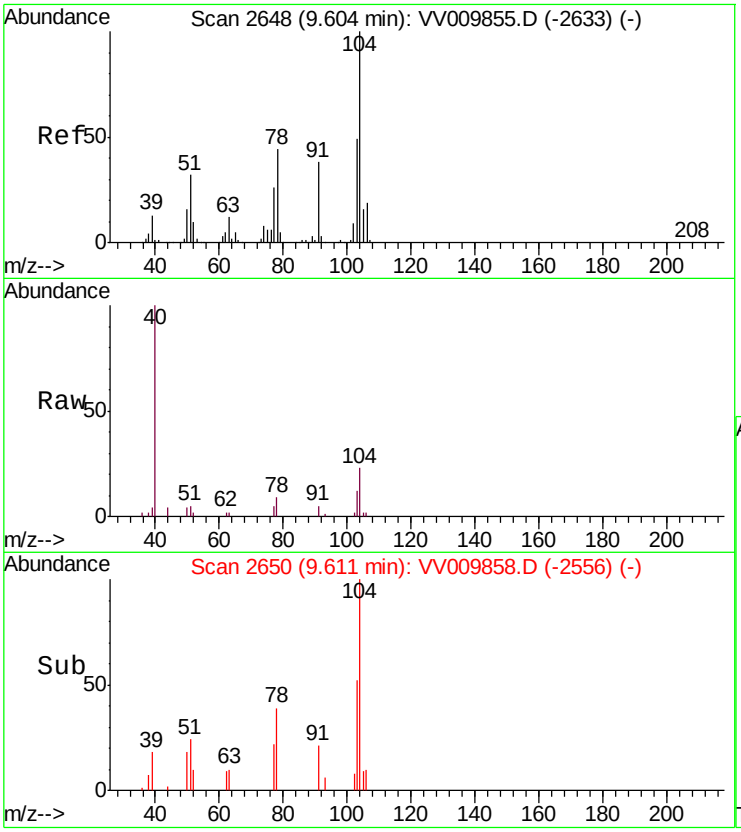


#53
m,p-Xylene
Concen: 0.650 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:106 Resp: 1729

Ion	Ratio	Lower	Upper
106	100		
91	173.0	139.5	259.1



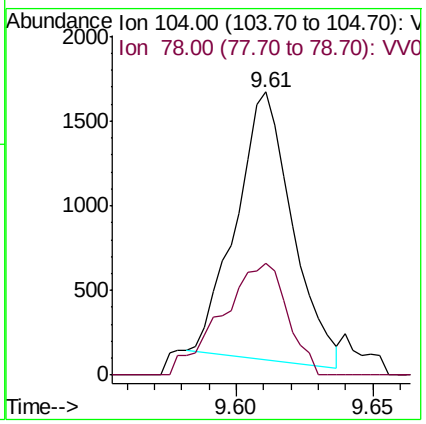


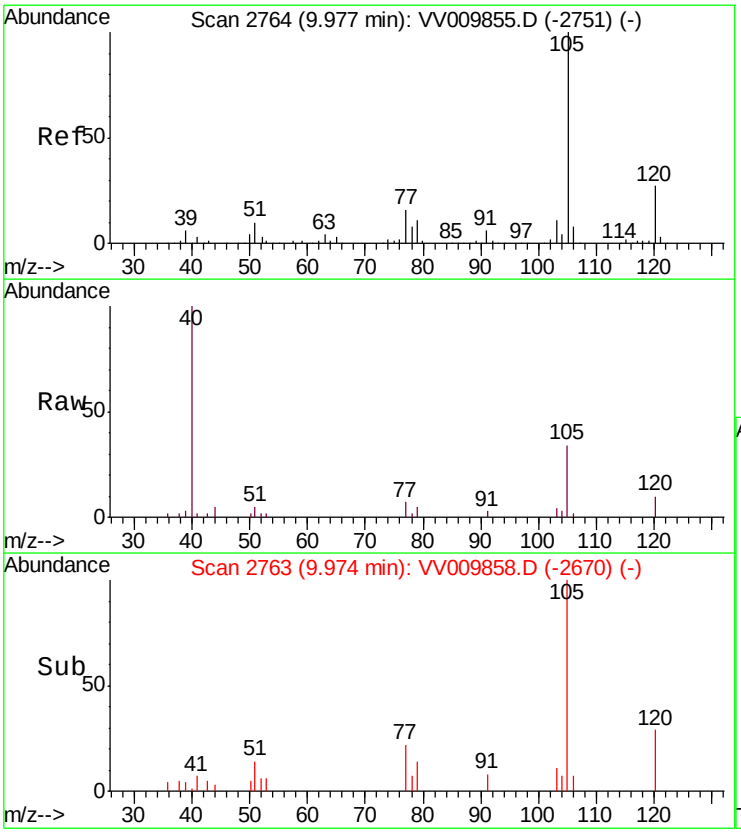
#55
Styrene
Concen: 0.501 ug/L
RT: 9.61 min Scan# 2650
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion:104 Resp: 2255

Ion	Ratio	Lower	Upper
104	100		
78	39.3	30.9	57.3

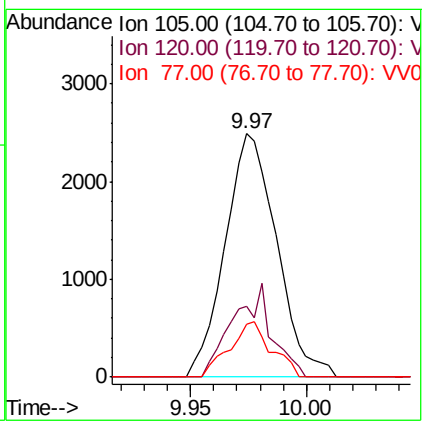


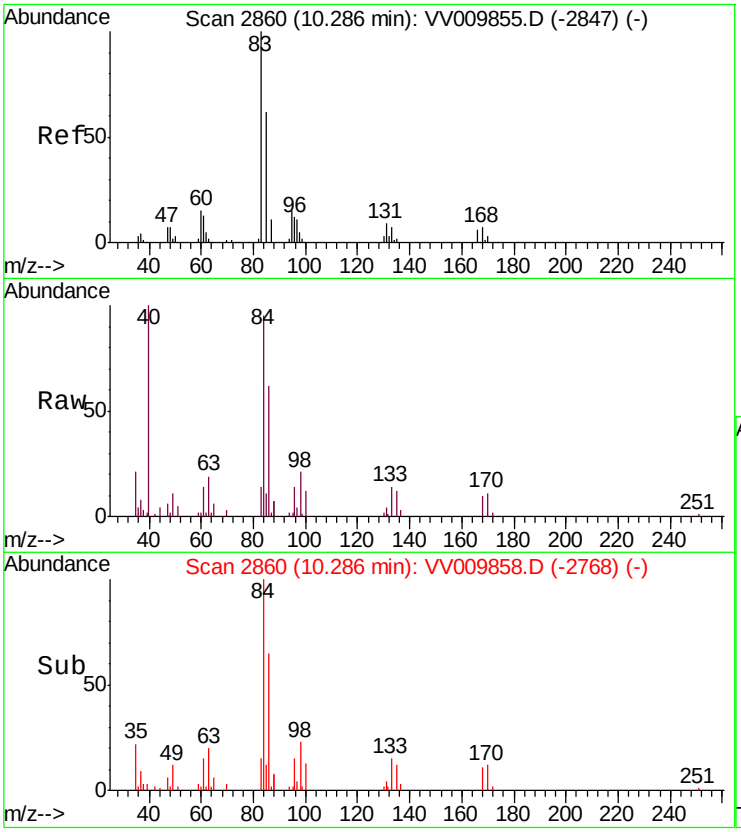


#56
Isopropylbenzene
Concen: 0.557 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:105 Resp: 3848

Ion	Ratio	Lower	Upper
105	100		
120	17.5	21.5	32.3#
77	0.0	13.1	19.7#



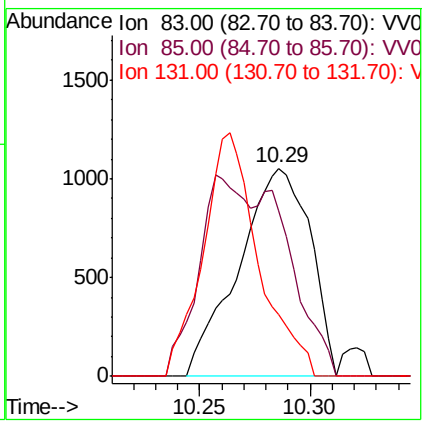


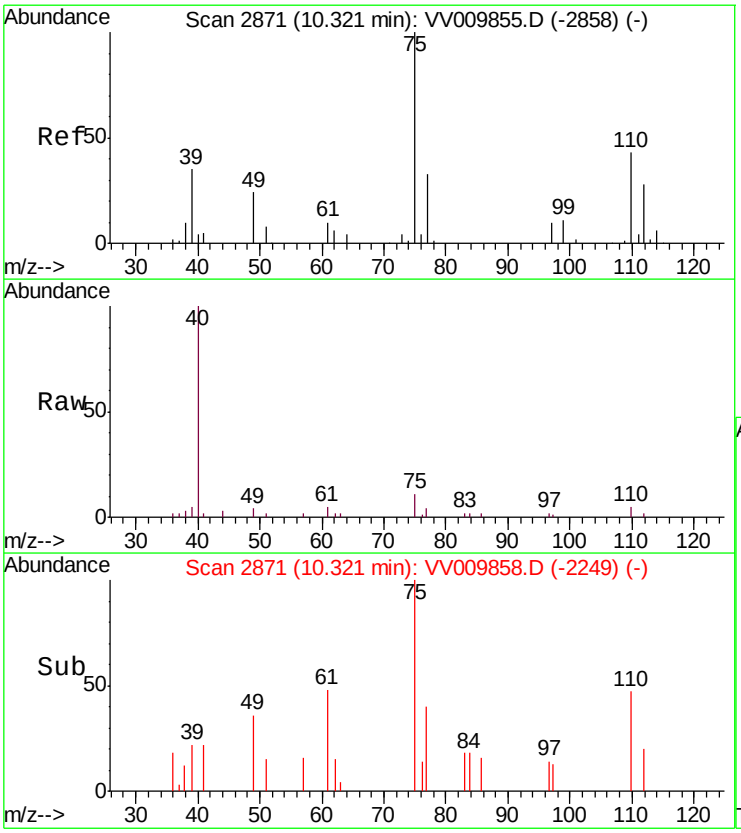
#58
1,1,2,2-Tetrachloroethane
Concen: 0.965 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 83 Resp: 2368

Ion	Ratio	Lower	Upper
83	100		
85	79.6	44.0	81.6
131	29.7	7.0	10.6#

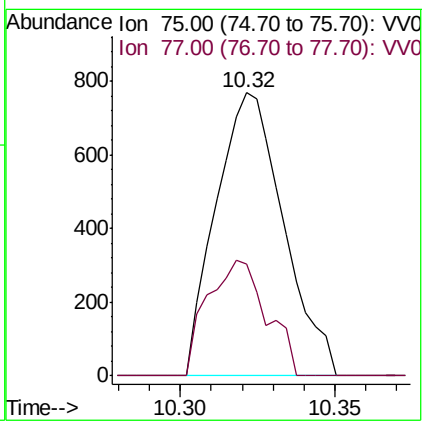


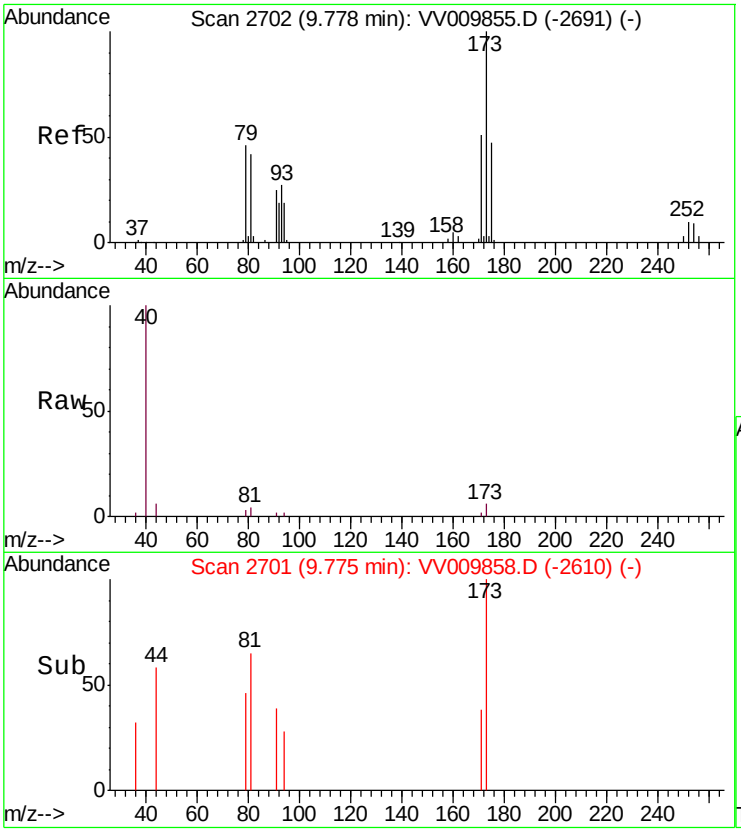


#59
1,2,3-Trichloropropane
Concen: 0.634 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion: 75 Resp: 1167

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0



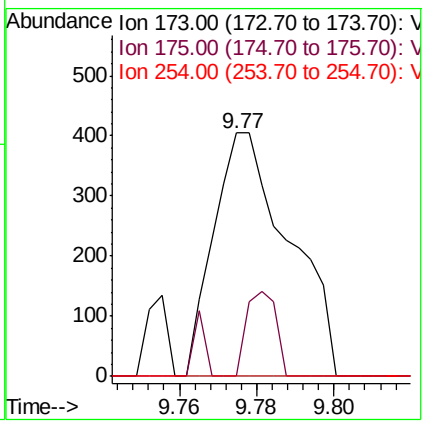


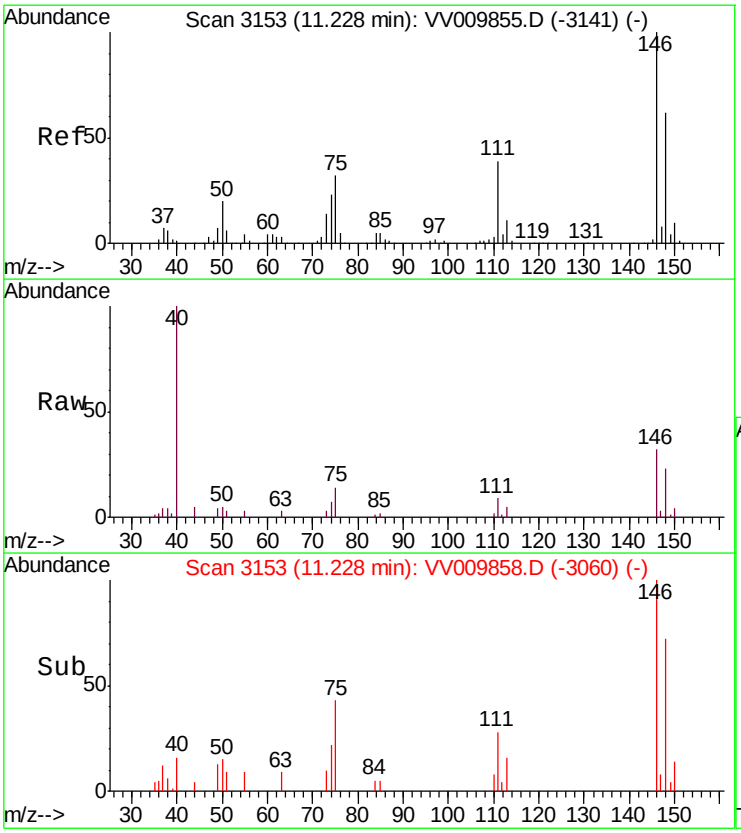
#61
Bromoform
Concen: 0.636 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.01 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument : MSVOA_V
ClientSampleId : VBLK35

Tgt Ion:173 Resp: 548

Ion	Ratio	Lower	Upper
173	100		
175	13.7	39.0	58.6#
254	0.0	7.0	10.6#

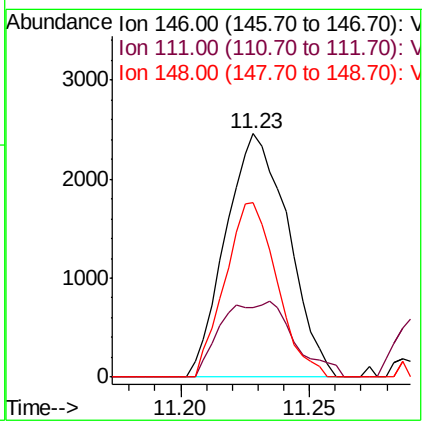


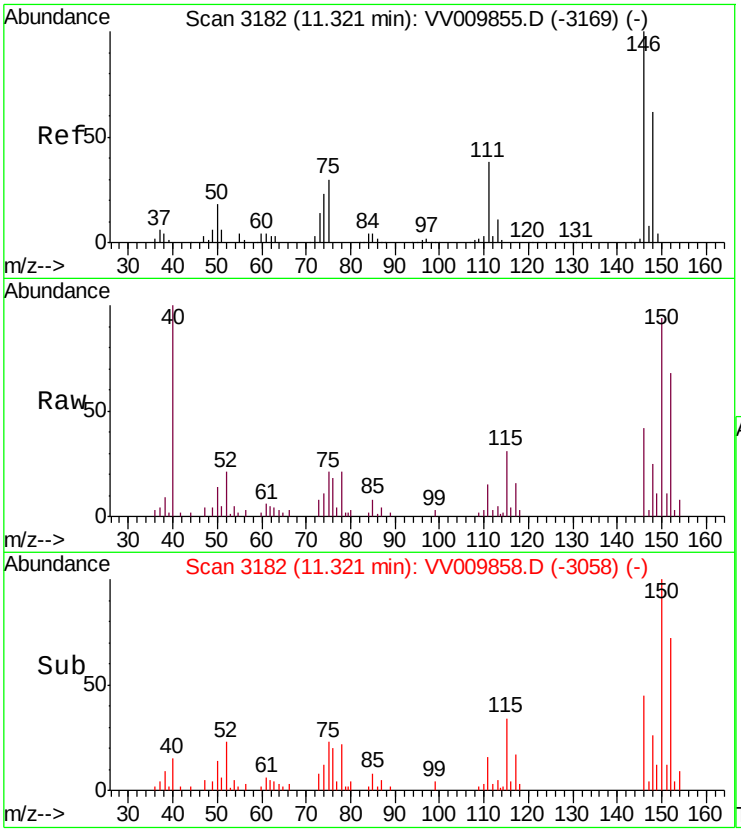


#62
1,3-Dichlorobenzene
Concen: 1.563 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:146 Resp: 4154

Ion	Ratio	Lower	Upper
146	100		
111	28.4	27.5	51.1
148	71.7	43.0	80.0



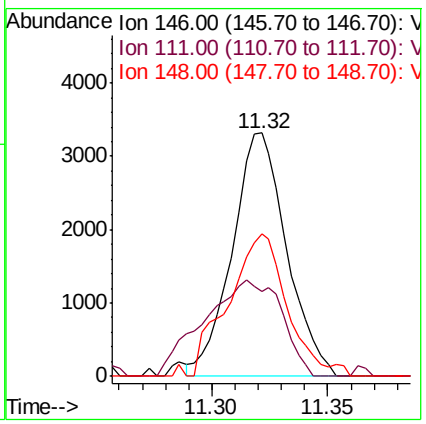


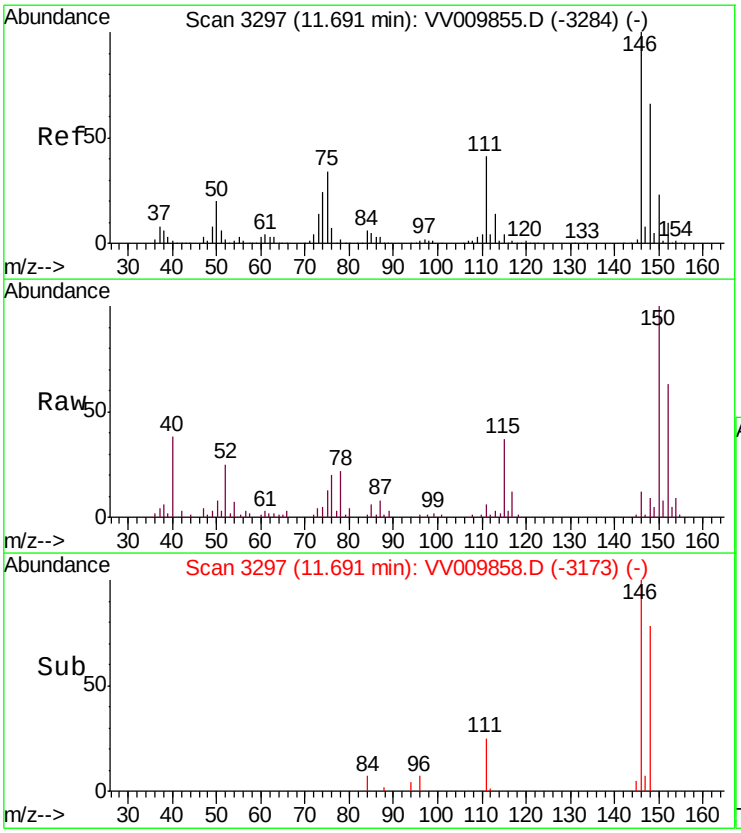
#63
1,4-Dichlorobenzene
Concen: 1.945 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion:146 Resp: 5418

Ion	Ratio	Lower	Upper
146	100		
111	34.8	26.5	49.3
148	58.5	43.2	80.2

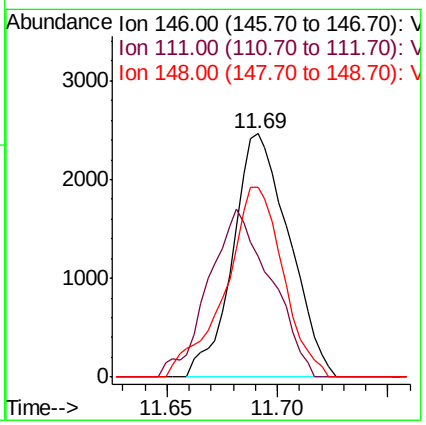


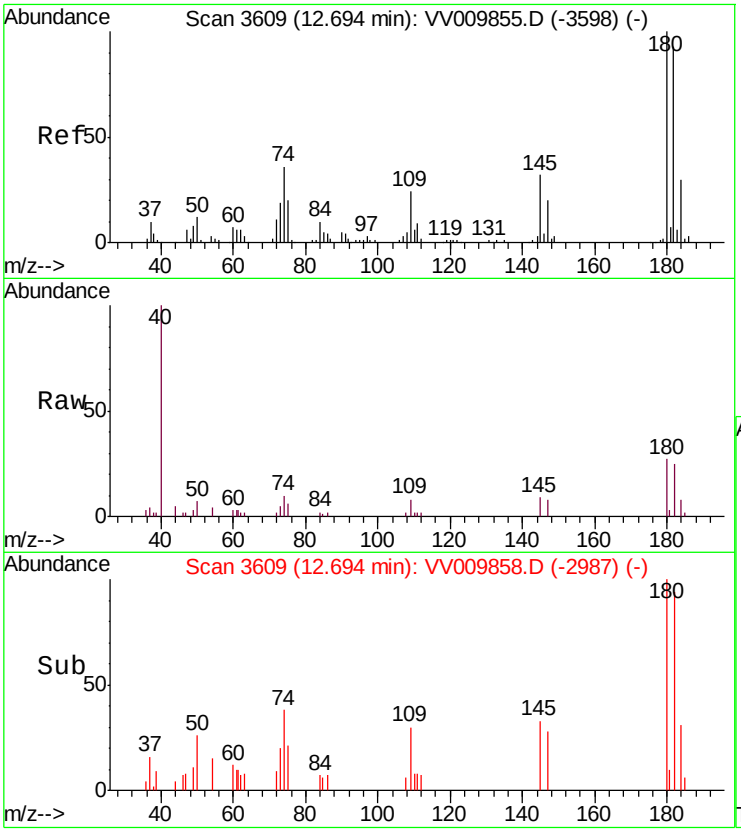


#65
1,2-Dichlorobenzene
Concen: 1.556 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:146 Resp: 4367

Ion	Ratio	Lower	Upper
146	100		
111	49.7	33.0	49.6#
148	77.9	53.2	79.8



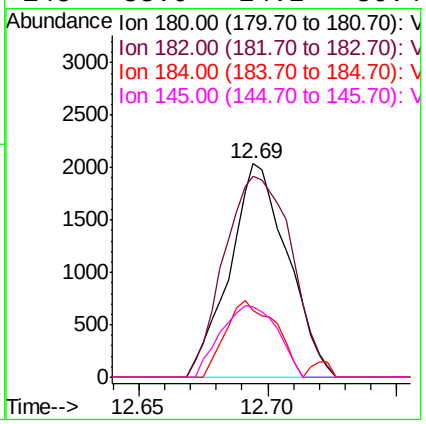


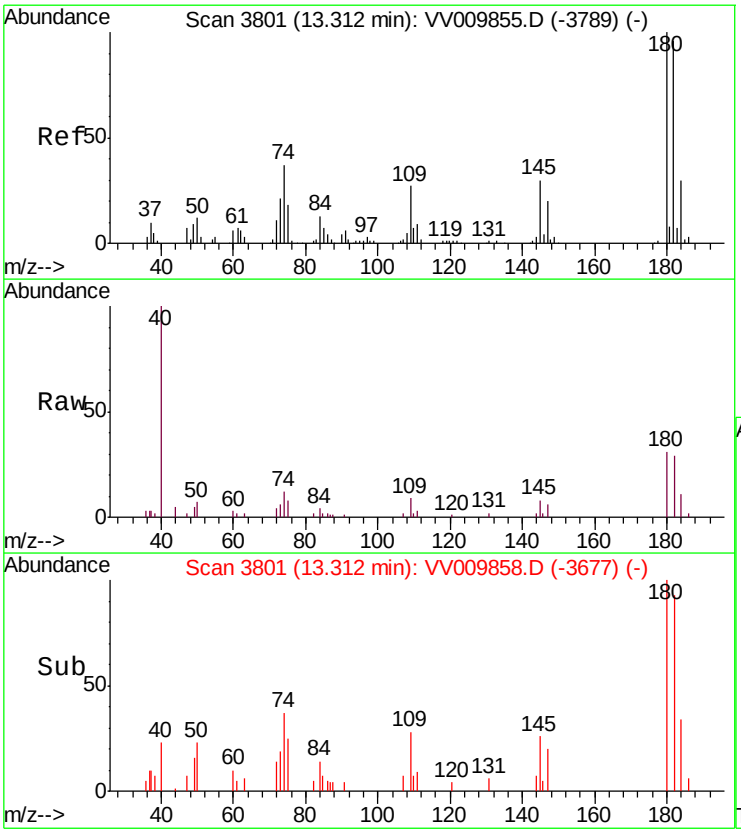
#67
1,3,5-Trichlorobenzene
Concen: 1.762 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion:180 Resp: 3194

Ion	Ratio	Lower	Upper
180	100		
182	109.9	75.0	112.6
184	31.1	24.1	36.1
145	33.0	24.2	36.4

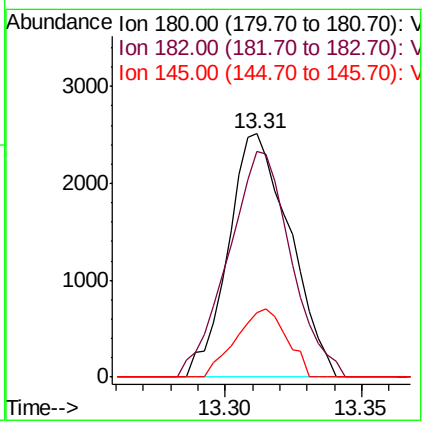


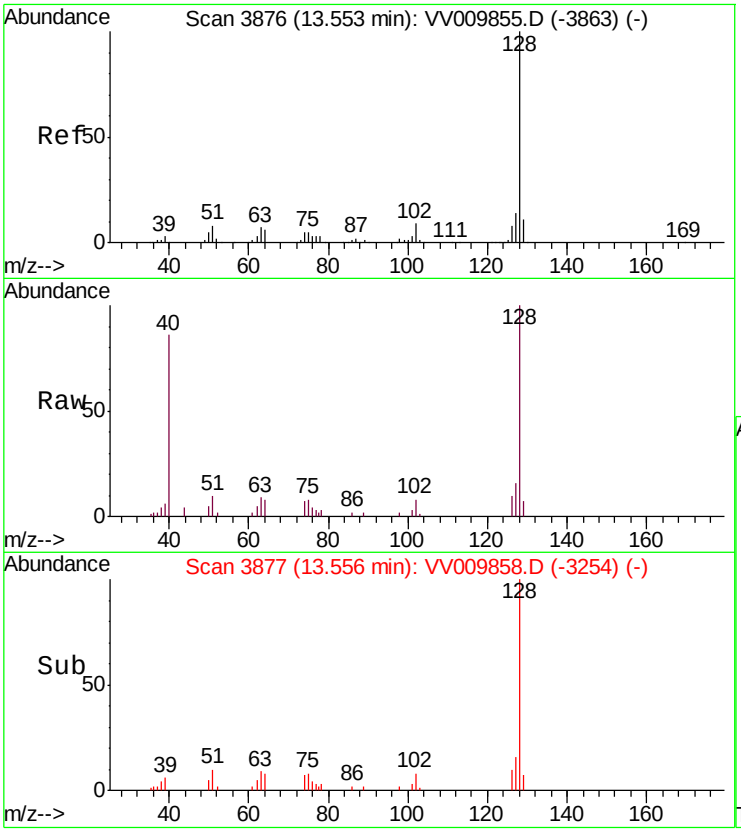


#68
1,2,4-trichlorobenzene
Concen: 2.725 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:180 Resp: 3936

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.1	115.7
145	23.0	24.3	36.5#



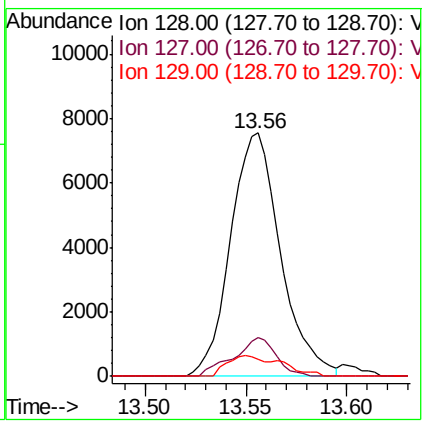


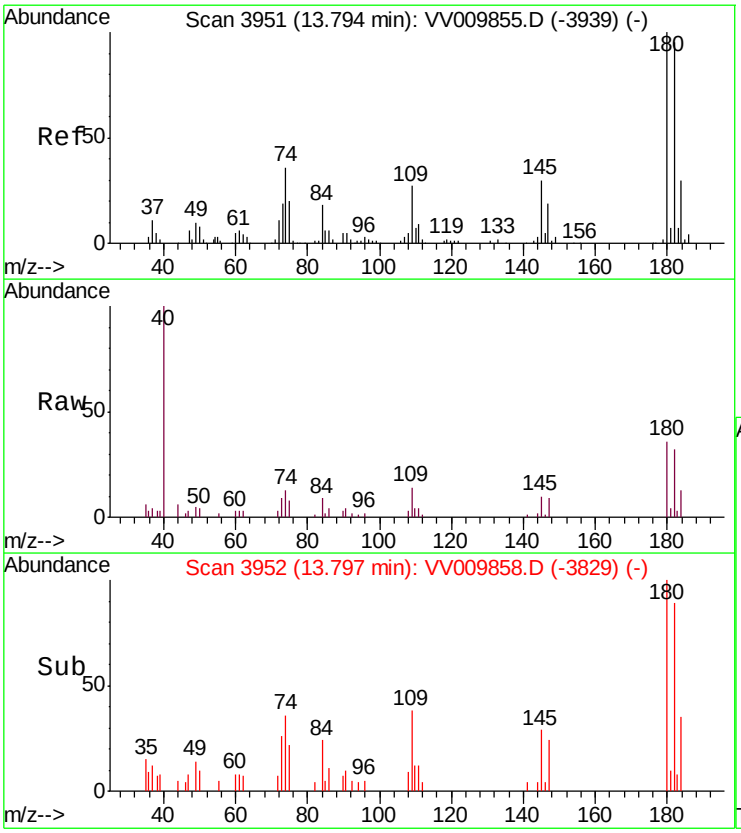
#69
Naphthalene
Concen: 3.451 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion:128 Resp: 13112

Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.6
129	5.9	8.6	13.0#





#70
1,2,3-Trichlorobenzene
Concen: 3.148 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV009858.D
Acq: 25 Mar 2019 13:24

Tgt Ion:180 Resp: 4601

Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.6	113.4
145	26.5	24.8	37.2