Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012566.D
Acq On : 20 Sep 2019 18:42
Operator : JC/SP
Sample : K4883-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW5-R2-1

Quant Time: Sep 21 01:37:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	172787	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	275199	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	227806	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88914	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	117023	47.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.52%				
35) Dibromofluoromethane	5.48	113	83826	50.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.66%				
50) Toluene-d8	8.71	98	312024	50.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.22%				
62) 4-Bromofluorobenzene	11.14	95	111484	43.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	19	0.408	ug/l	#	43
3) Chloromethane	1.32	50	646	0.680	ug/l	#	78
4) Vinyl Chloride	1.40	62	400	0.390	ug/l	#	69
6) Chloroethane	1.72	64	233	0.290	ug/l		93
10) Methyl Iodide	2.50	142	164	4.570	ug/l	#	70
11) Tert butyl alcohol	3.03	59	3312	Below Cal		#	92
13) Acrolein	2.28	56	259	Below Cal			96
16) Acetone	2.43	43	24193	13.862	ug/l		97
17) Carbon Disulfide	2.56	76	331	2.014	ug/l	#	41
18) Methyl Acetate	2.76	43	666	0.258	ug/l	#	54
20) Methylene Chloride	2.86	84	348	0.232	ug/l	#	83
21) trans-1,2-Dichloroethene	3.16	96	357	0.316	ug/l	#	79
25) 2-Butanone	4.68	43	1019	0.593	ug/l	#	51
27) cis-1,2-Dichloroethene	4.59	96	24326	14.435	ug/l		86
30) Chloroform	5.21	83	1710	0.526	ug/l		86
31) Cyclohexane	5.65	56	4032	2.357	ug/l	#	4
36) 1,1-Dichloropropene	5.65	75	14637	8.751	ug/l	#	53
38) Carbon Tetrachloride	5.65	117	18964	9.117	ug/l	#	16
44) Trichloroethene	7.21	130	5615	4.013	ug/l		99
49) 1,4-Dioxane	7.65	88	23	0.435	ug/l	#	1
52) Toluene	8.78	92	1008	0.294	ug/l		96
55) 1,1,2-Trichloroethane	9.33	97	3243	1.837	ug/l	#	1
60) Dibromochloromethane	9.33	129	329110	182.993	ug/l	#	11
64) Tetrachloroethene	9.33	164	332711	318.721	ug/l		93
74) N-amyl acetate	10.91	43	880	0.293	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	56768	27.794	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	56768	74.677	ug/l	#	8

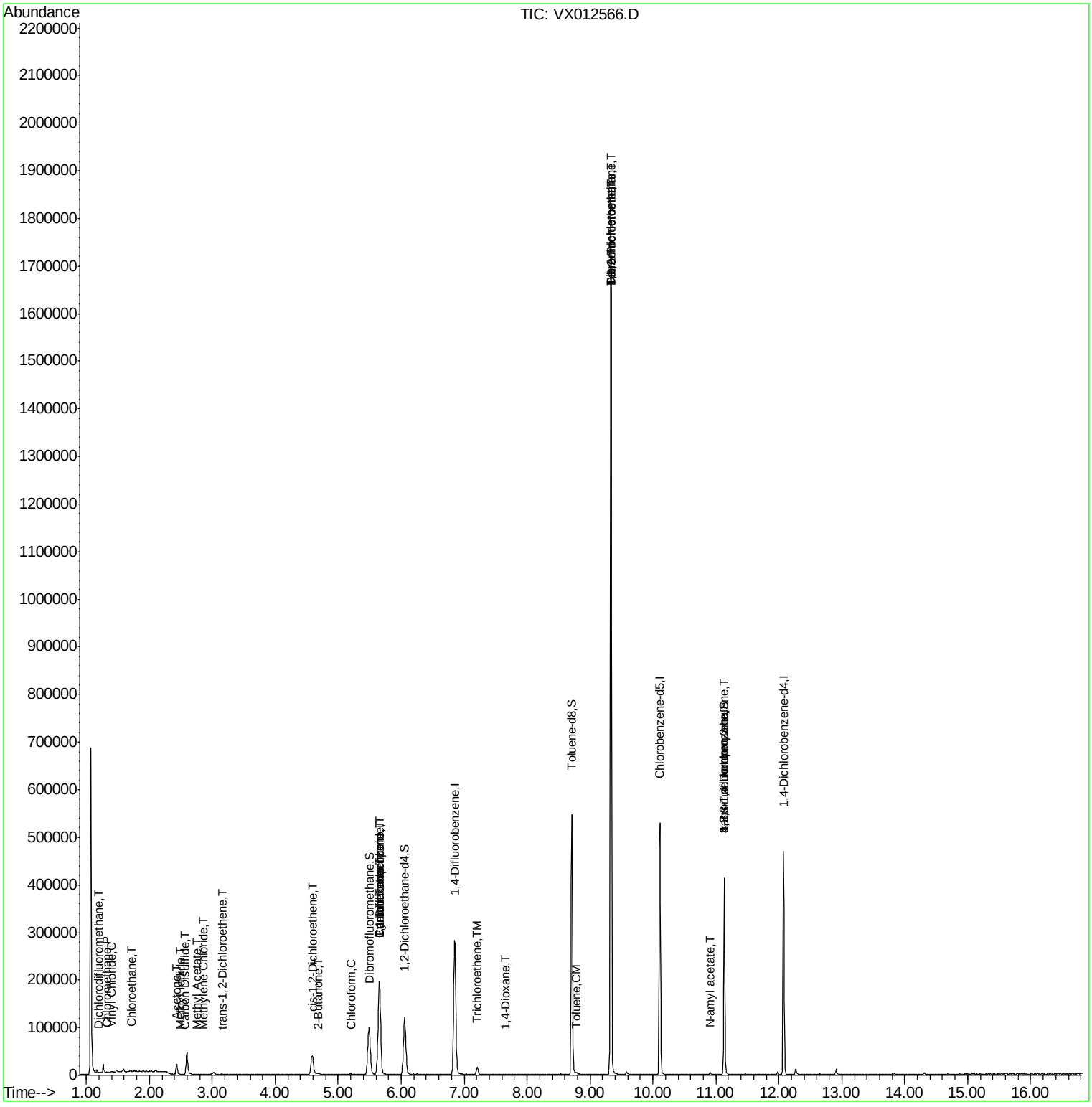
(#) = qualifier out of range (m) = manual integration (+) = signals summed

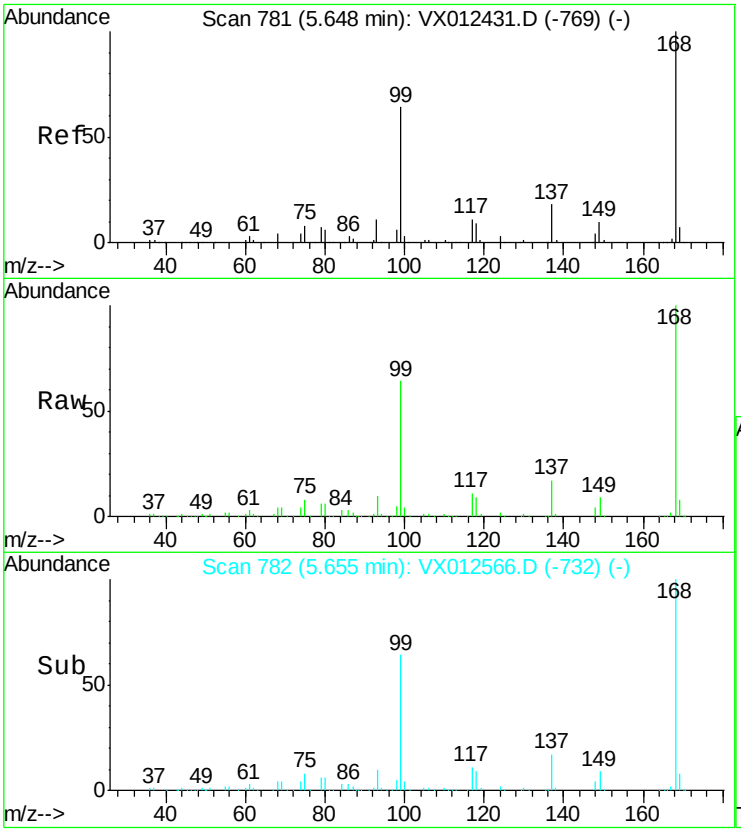
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012566.D
Acq On : 20 Sep 2019 18:42
Operator : JC/SP
Sample : K4883-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW5-R2-1

Quant Time: Sep 21 01:37:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



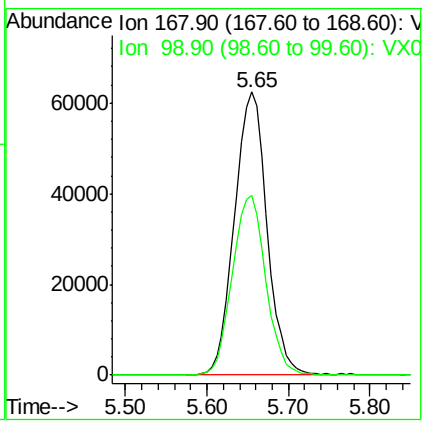


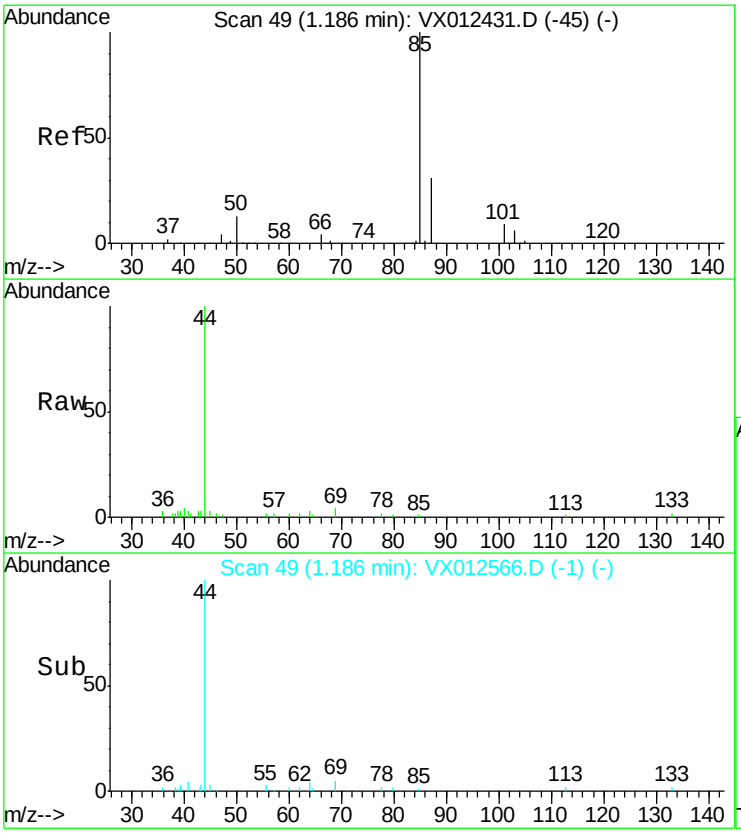
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion:168 Resp: 172787

Ion	Ratio	Lower	Upper
168	100		
99	63.4	51.4	77.2

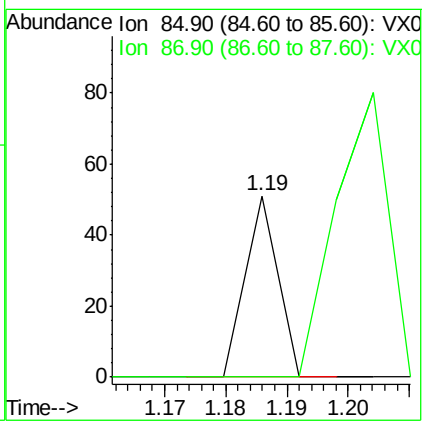


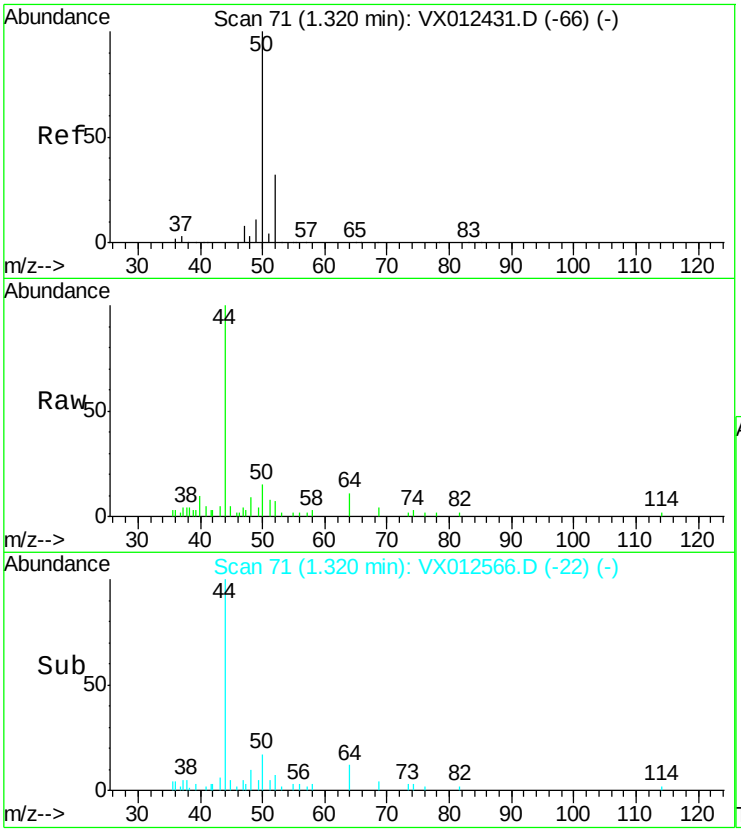


#2
Dichlorodifluoromethane
Concen: 0.408 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 85 Resp: 19

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



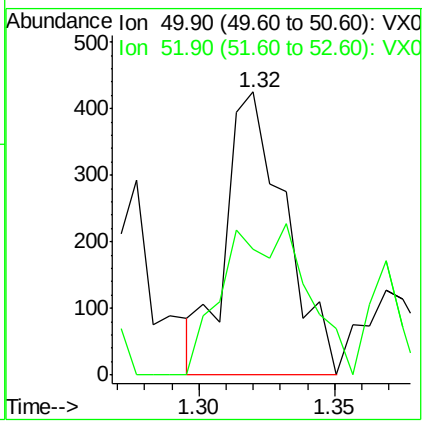


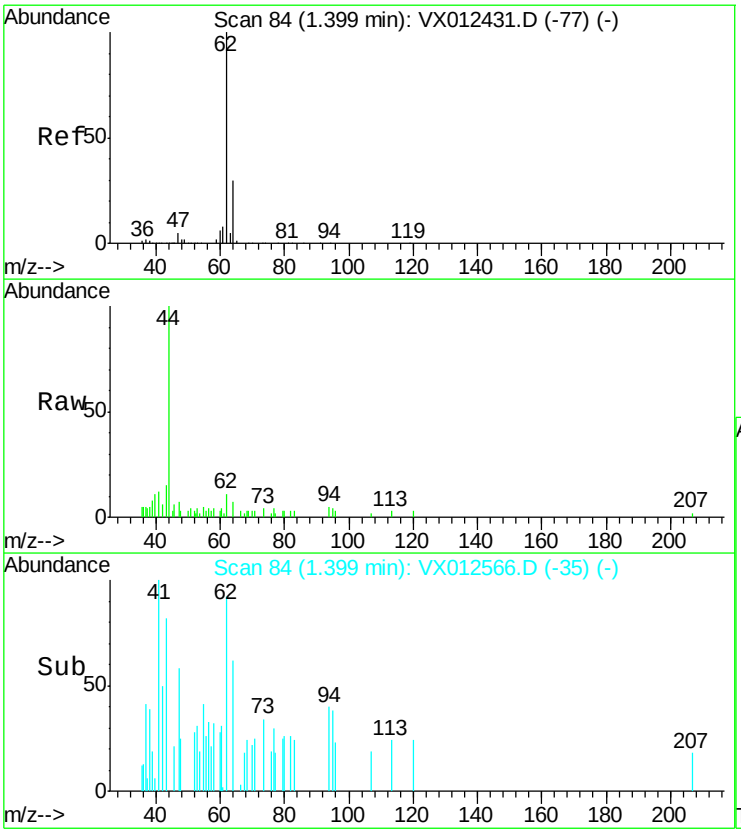
#3
Chloromethane
Concen: 0.680 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 50 Resp: 646

Ion	Ratio	Lower	Upper
50	100		
52	44.2	25.7	38.5#

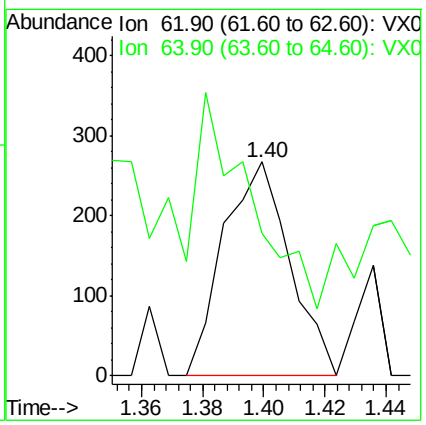


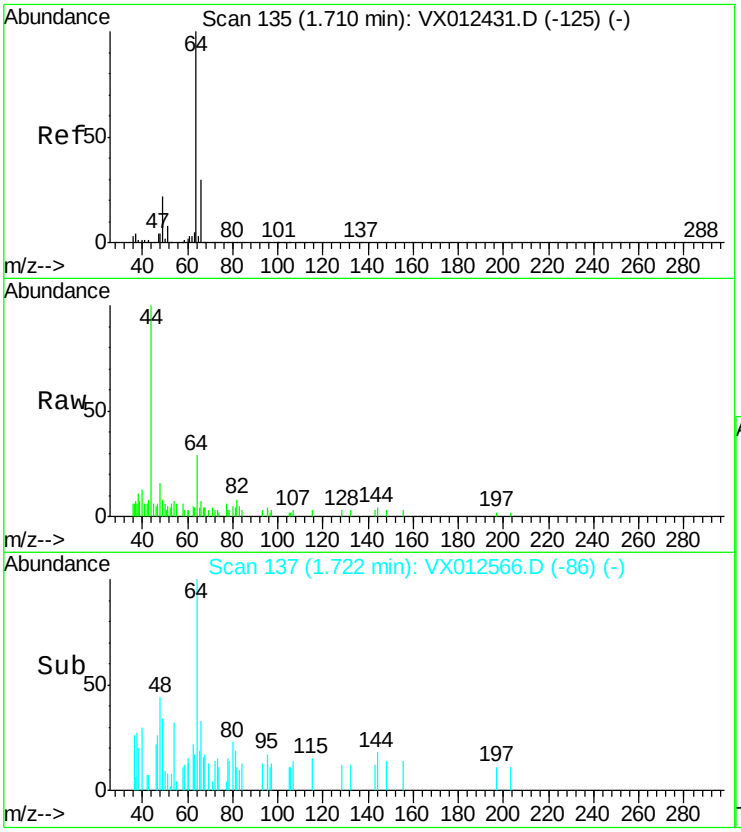


#4
Vinyl Chloride
Concen: 0.390 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 62 Resp: 400

Ion	Ratio	Lower	Upper
62	100		
64	13.5	24.2	36.2#



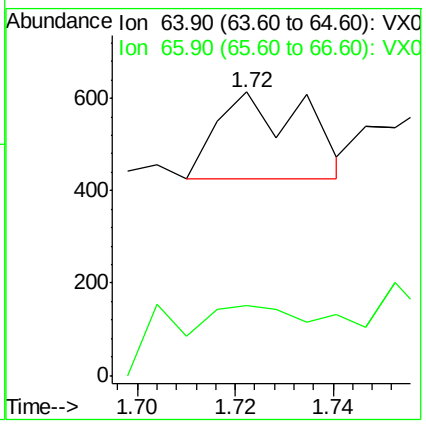


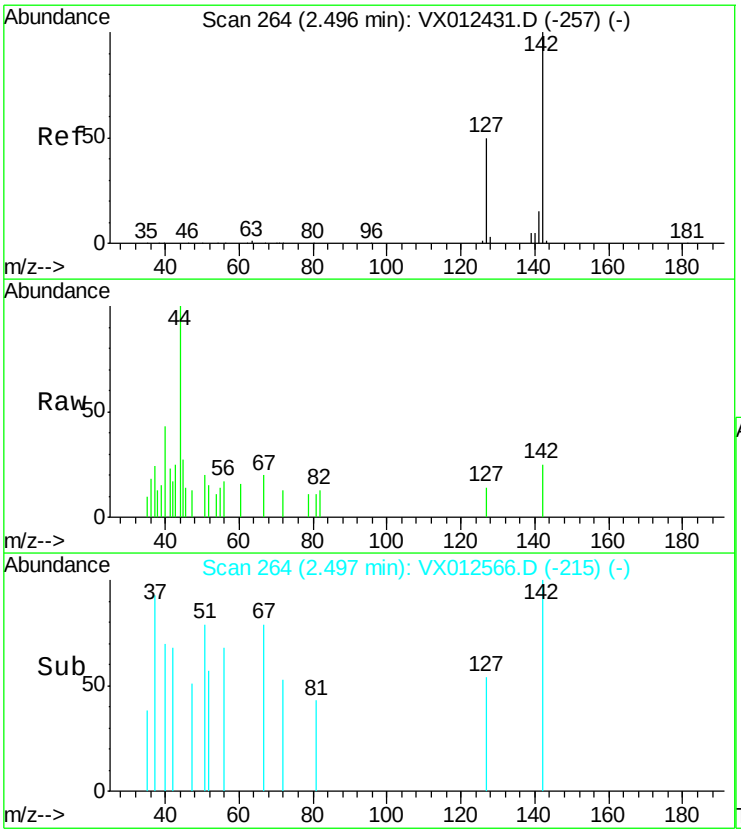
#6
Chloroethane
Concen: 0.290 ug/l
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 64 Resp: 233

Ion	Ratio	Lower	Upper
64	100		
66	34.0	24.0	36.0

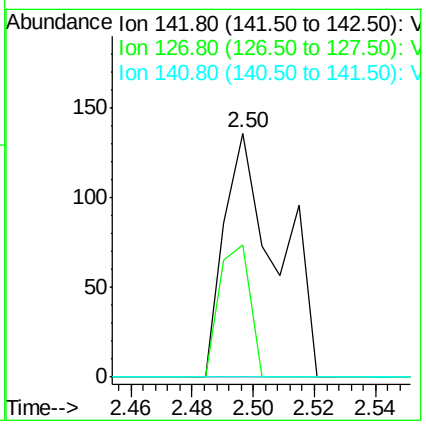


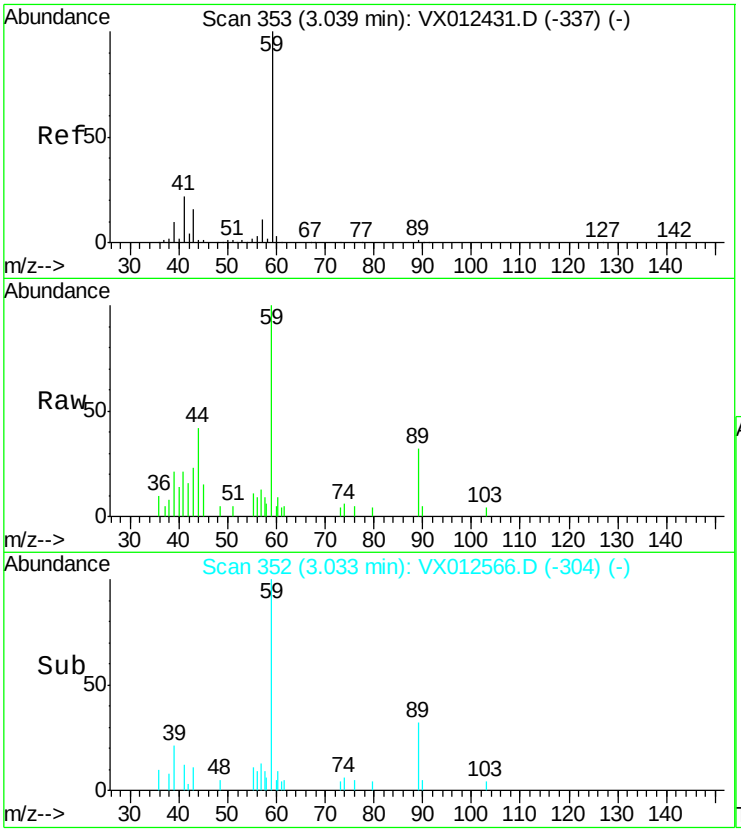


#10
Methyl Iodide
Concen: 4.570 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion:142 Resp: 164

Ion	Ratio	Lower	Upper
142	100		
127	31.1	40.8	61.2#
141	0.0	12.1	18.1#



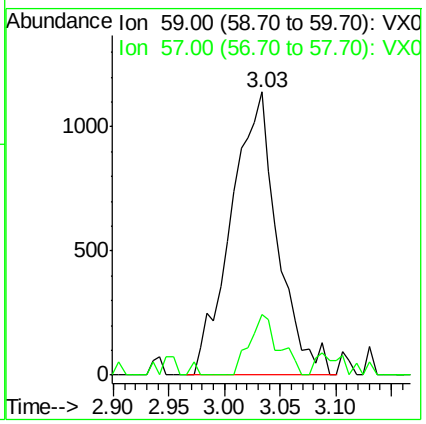


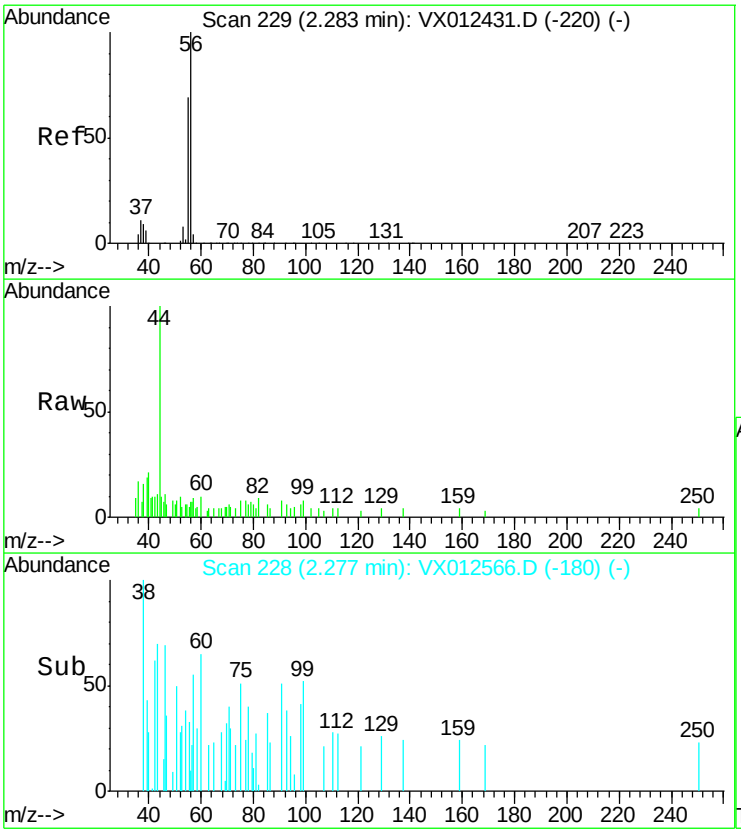
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument : MSVOA_X
ClientSampleId : MW5-R2-1

Tgt Ion: 59 Resp: 3312

Ion	Ratio	Lower	Upper
59	100		
57	13.3	8.3	12.5#

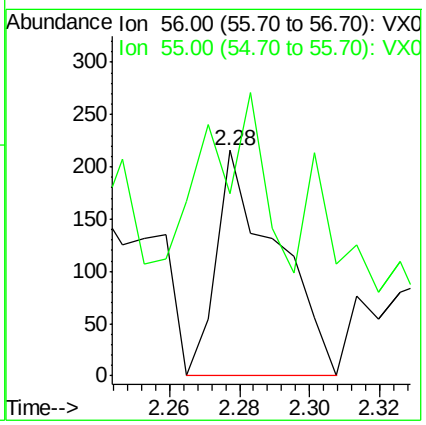


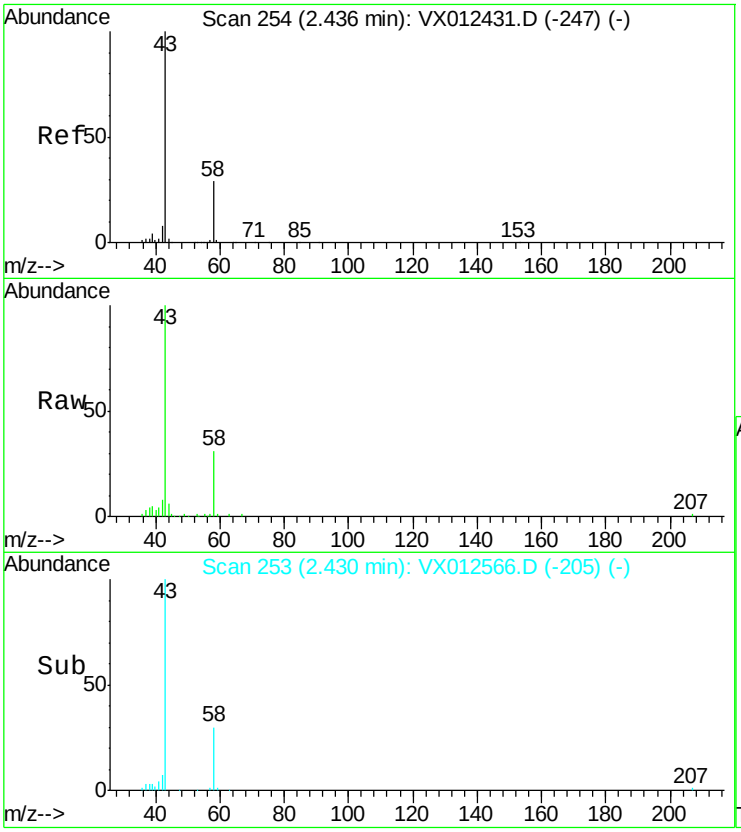


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 56 Resp: 259

Ion	Ratio	Lower	Upper
56	100		
55	73.0	55.8	83.8



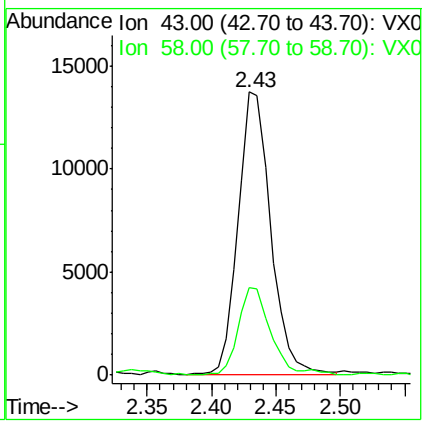


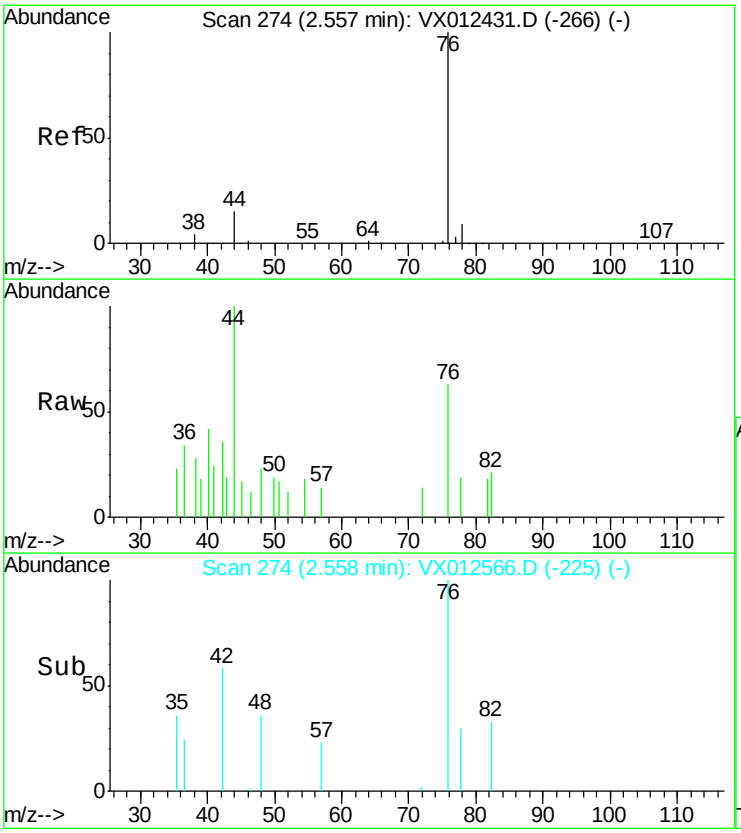
#16
Acetone
Concen: 13.862 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 43 Resp: 24193

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.3	34.9

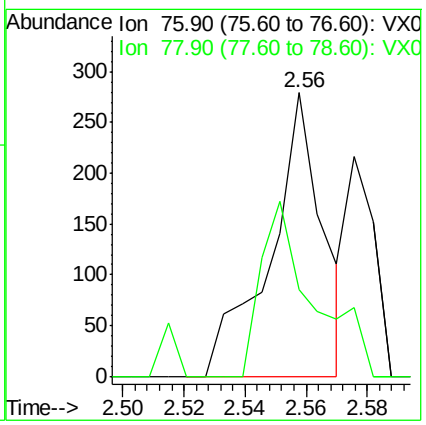


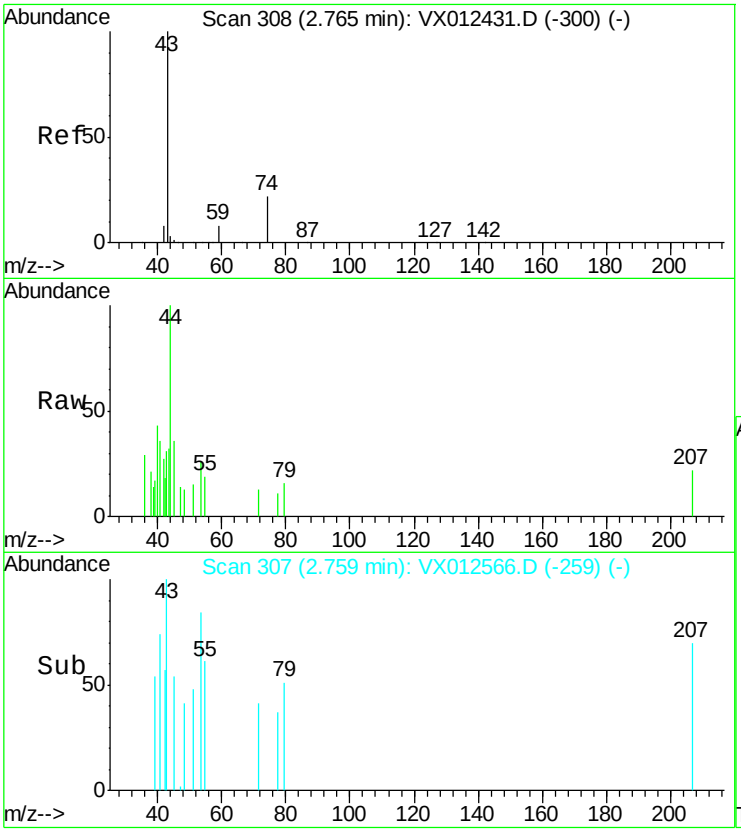


#17
Carbon Disulfide
Concen: 2.014 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 76 Resp: 331

Ion	Ratio	Lower	Upper
76	100		
78	30.5	7.3	10.9#



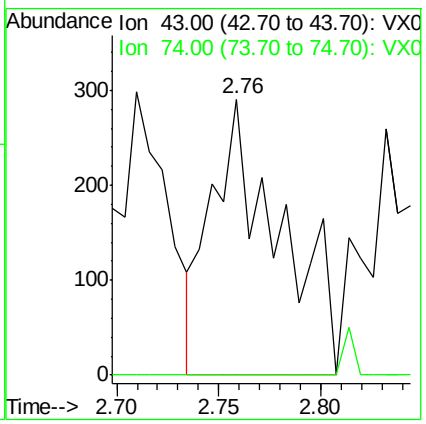


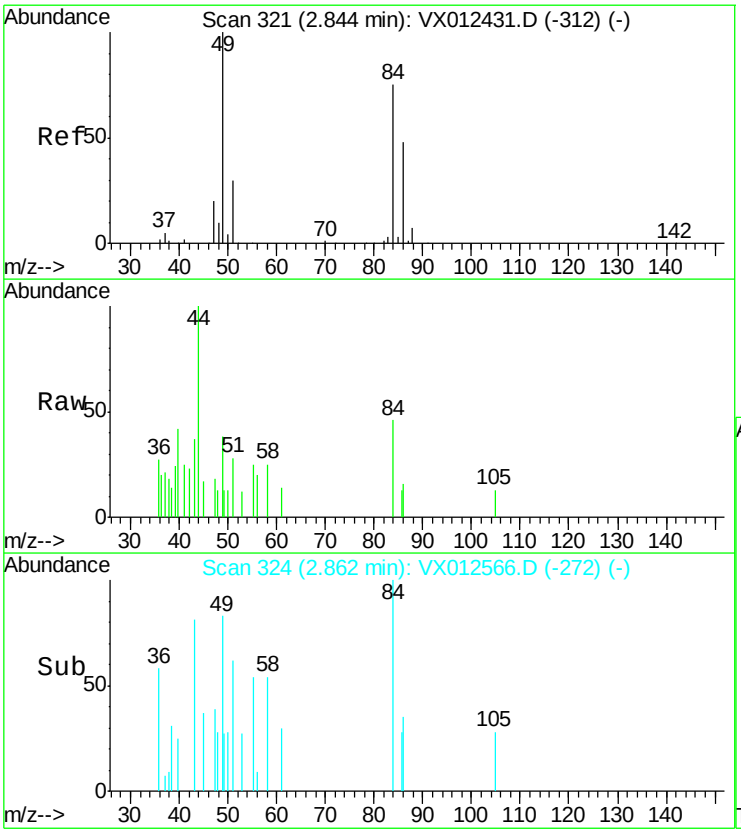
#18
Methyl Acetate
Concen: 0.258 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument : MSVOA_X
ClientSampleId : MW5-R2-1

Tgt Ion: 43 Resp: 666

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#

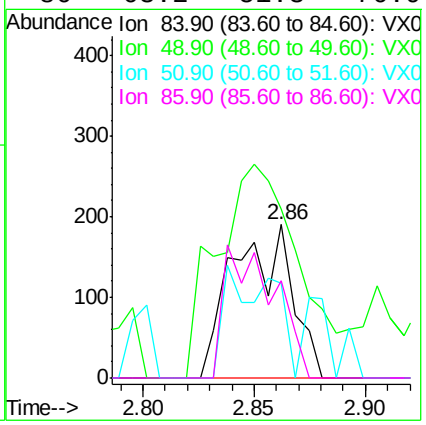


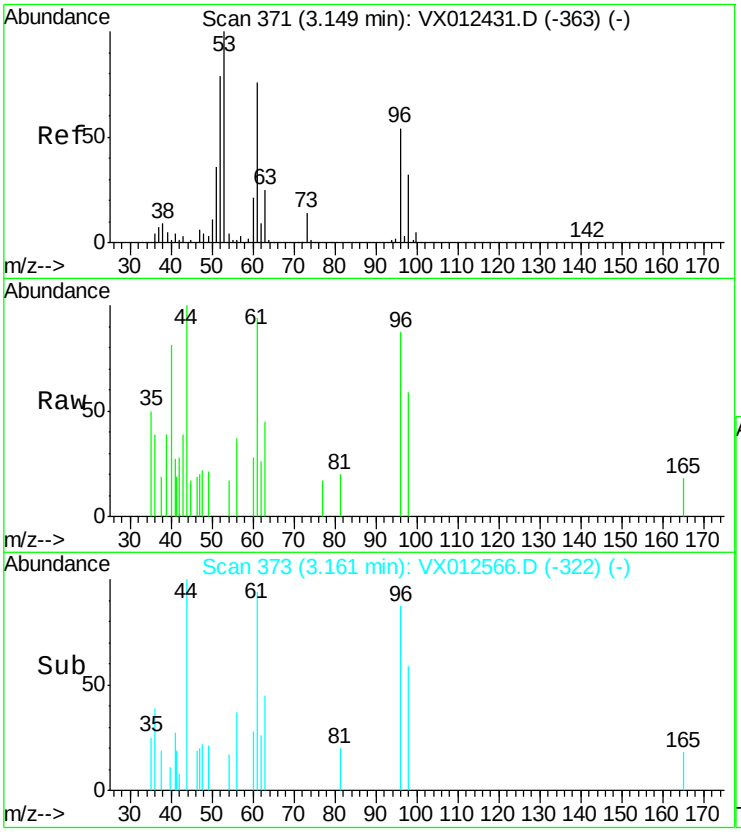


#20
Methylene Chloride
Concen: 0.232 ug/l
RT: 2.86 min Scan# 324
Delta R.T. 0.02 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 84 Resp: 348

Ion	Ratio	Lower	Upper
84	100		
49	110.5	106.8	160.2
51	61.6	32.3	48.5#
86	63.2	51.3	76.9



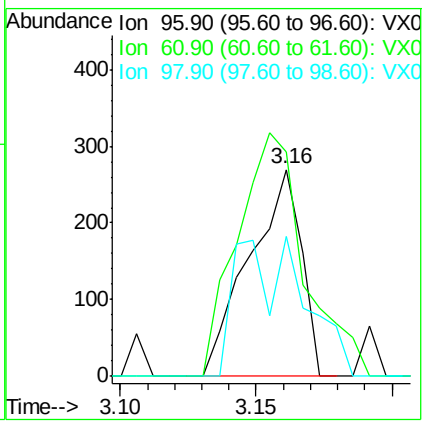


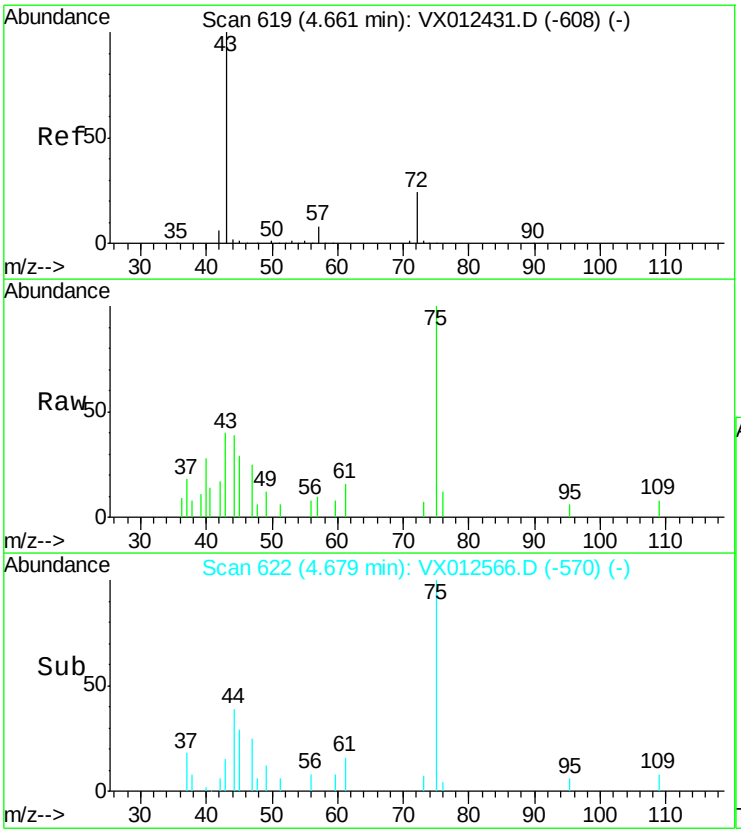
#21
trans-1,2-Dichloroethene
Concen: 0.316 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument : MSVOA_X
ClientSampleId : MW5-R2-1

Tgt Ion: 96 Resp: 357

Ion	Ratio	Lower	Upper
96	100		
61	108.1	112.0	168.0#
98	67.8	47.8	71.8

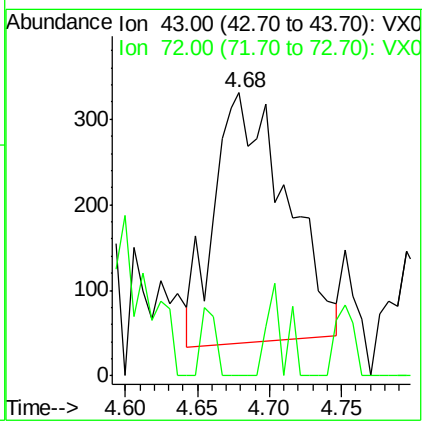


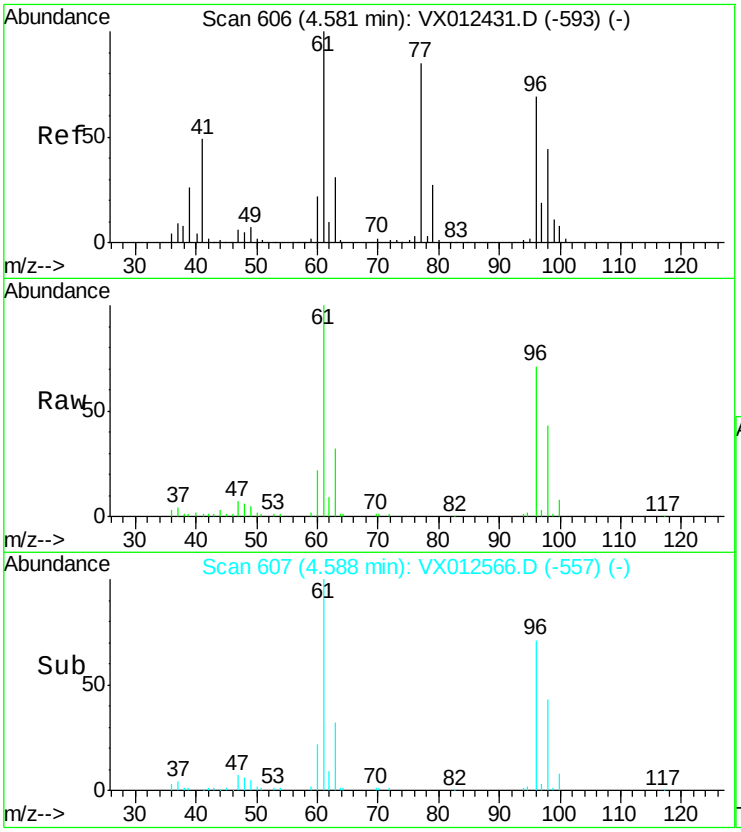


#25
2-Butanone
Concen: 0.593 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 43 Resp: 1019

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



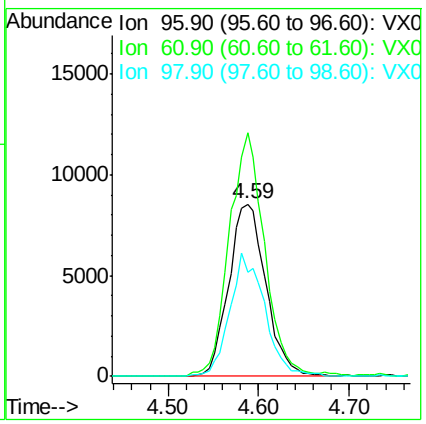


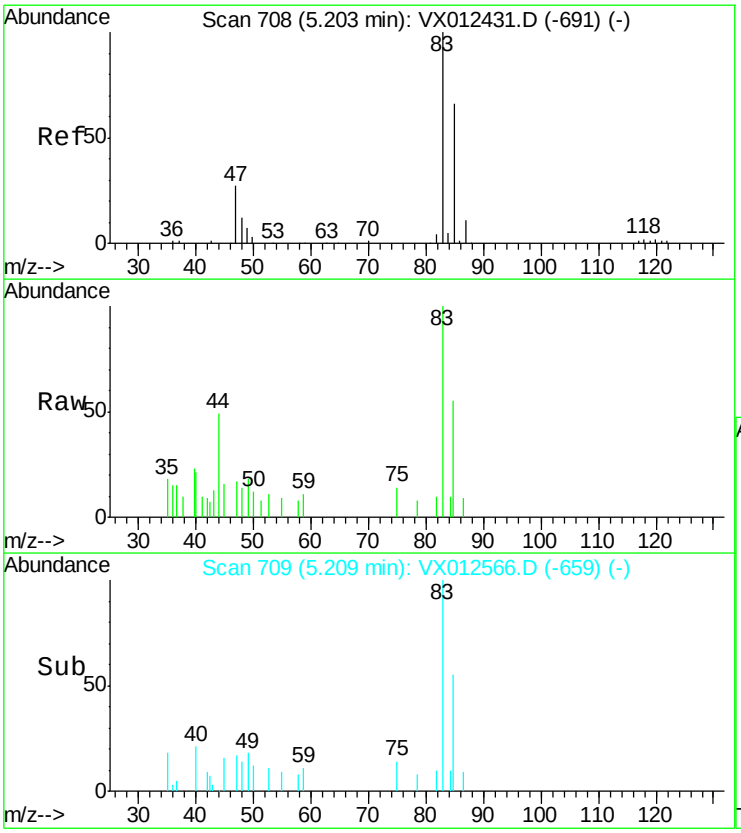
#27
cis-1,2-Dichloroethene
Concen: 14.435 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 96 Resp: 24326

Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	319.4
98	66.6	0.0	130.6

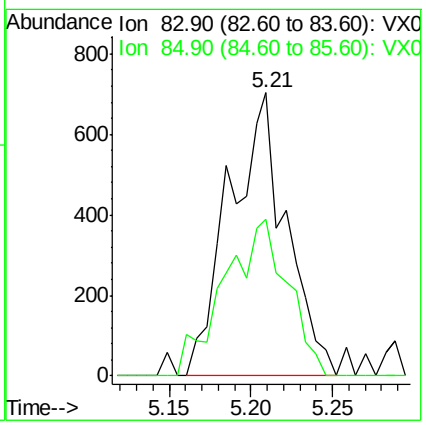


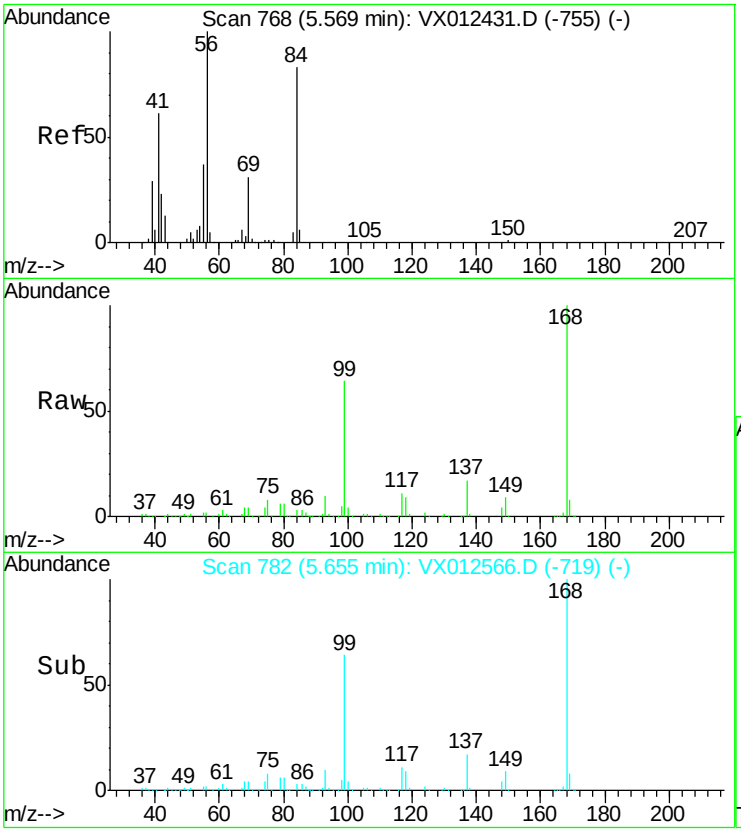


#30
Chloroform
Concen: 0.526 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 83 Resp: 1710

Ion	Ratio	Lower	Upper
83	100		
85	55.3	53.0	79.4



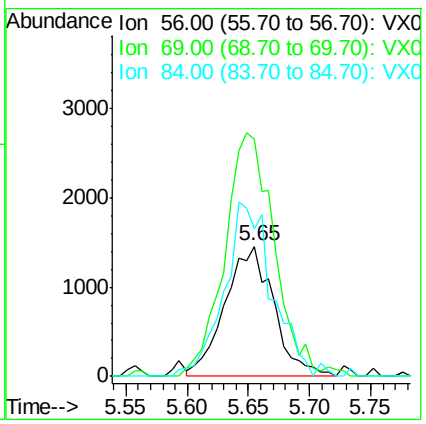


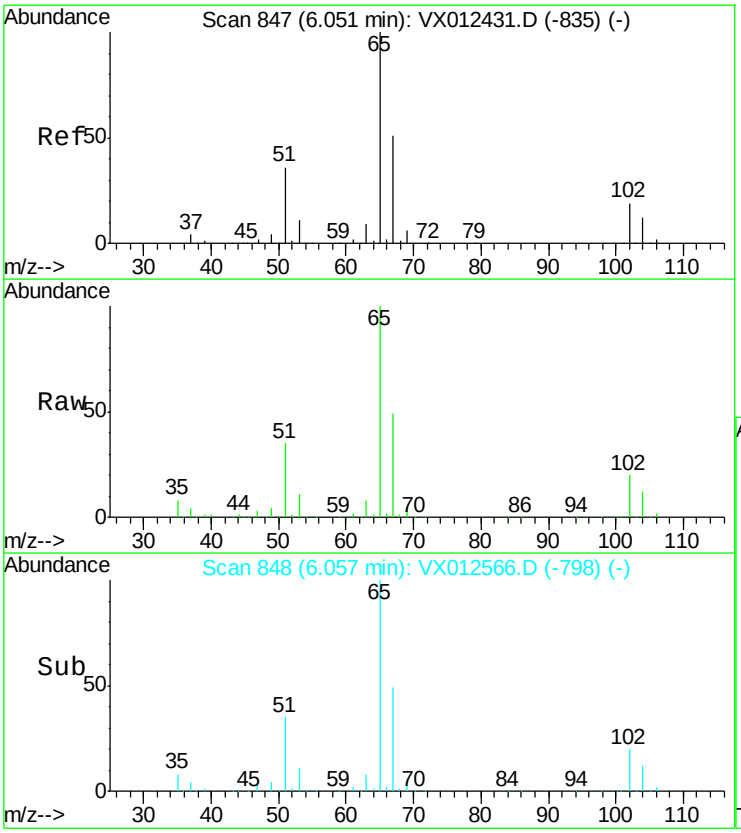
#31
Cyclohexane
Concen: 2.357 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 56 Resp: 4032

Ion	Ratio	Lower	Upper
56	100		
69	176.3	25.0	37.6#
84	113.4	66.4	99.6#

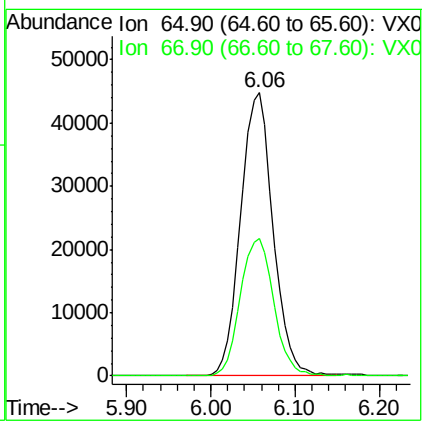


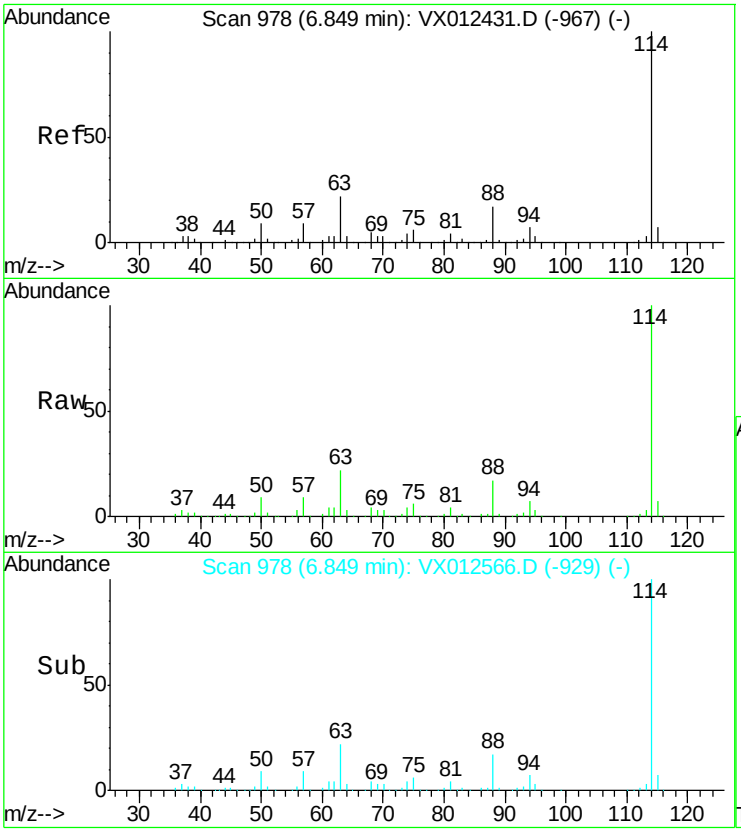


#33
1,2-Dichloroethane-d4
Concen: 47.256 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 65 Resp: 117023

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.2



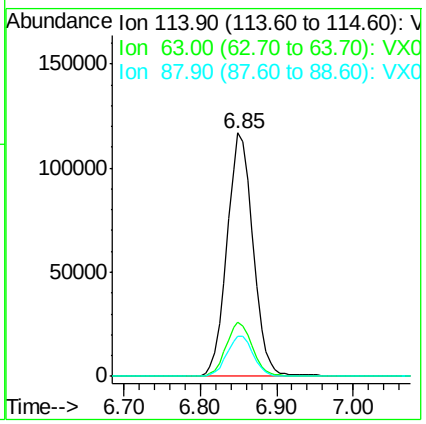


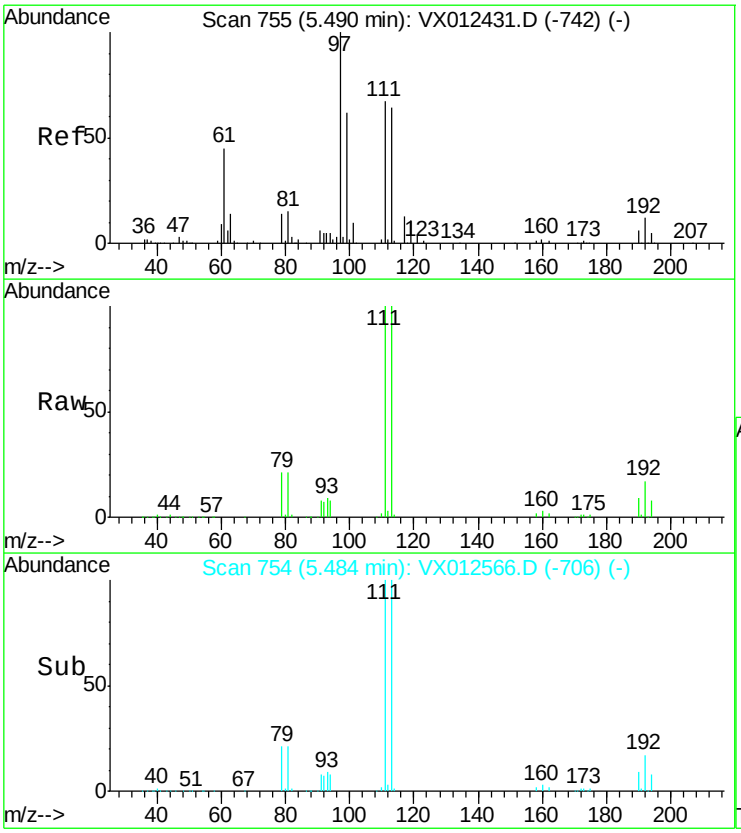
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion:114 Resp: 275199

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.6	0.0	33.2

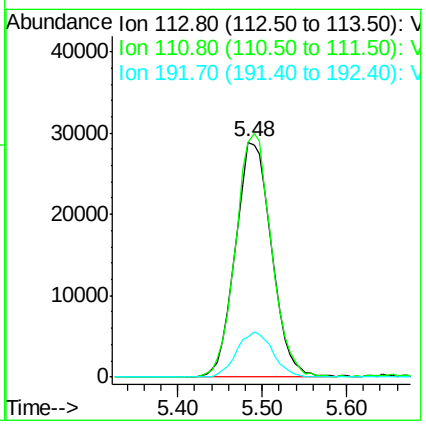


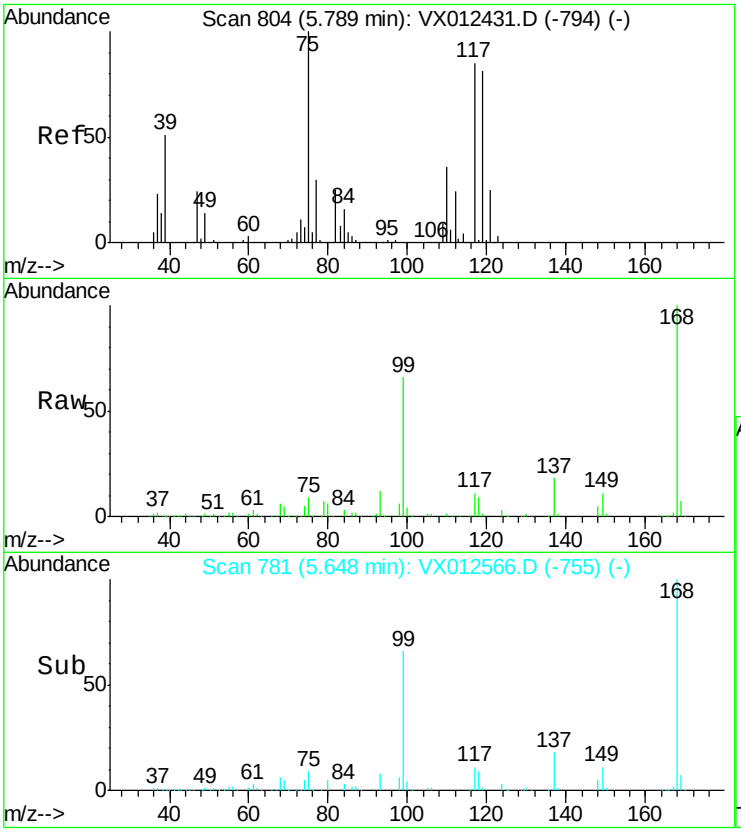


#35
Dibromofluoromethane
Concen: 50.326 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion:113 Resp: 83826

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	19.3	14.4	21.6



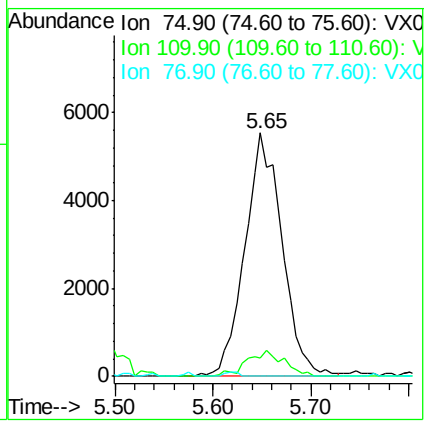


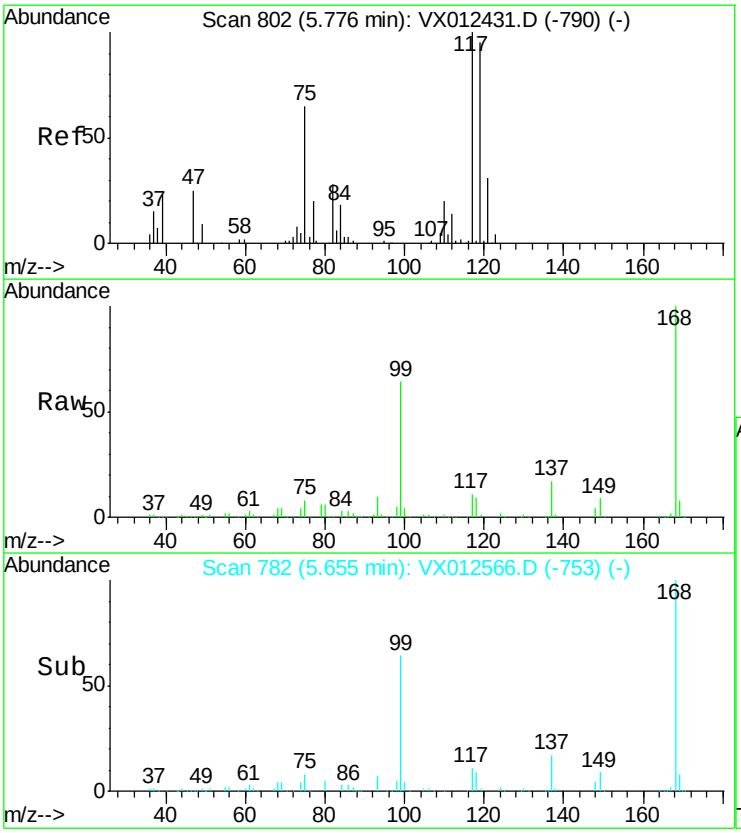
#36
1,1-Dichloropropene
Concen: 8.751 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 75 Resp: 14637

Ion	Ratio	Lower	Upper
75	100		
110	10.6	16.7	50.0#
77	0.0	24.2	36.2#

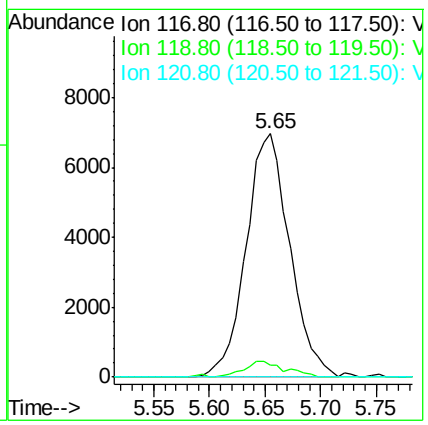


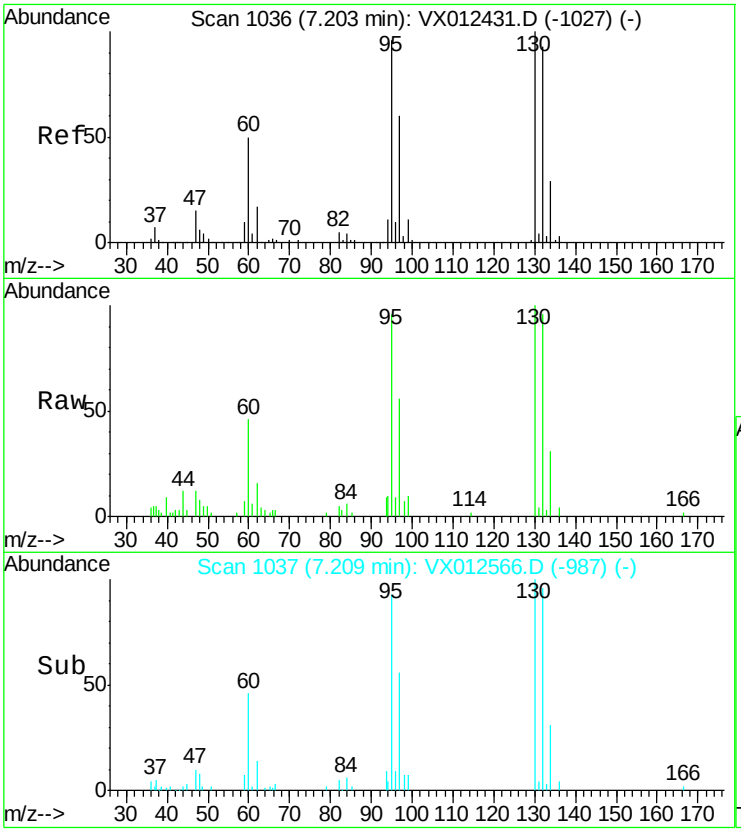


#38
Carbon Tetrachloride
Concen: 9.117 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion:117 Resp: 18964

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.7	113.5#
121	0.0	24.2	36.4#



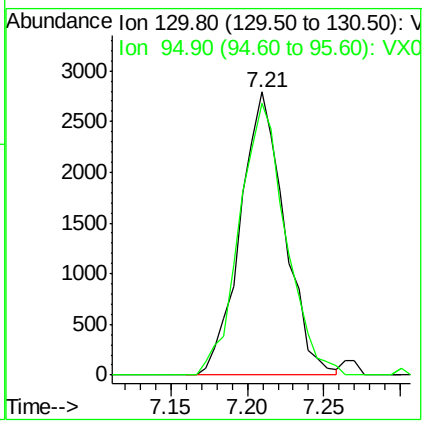


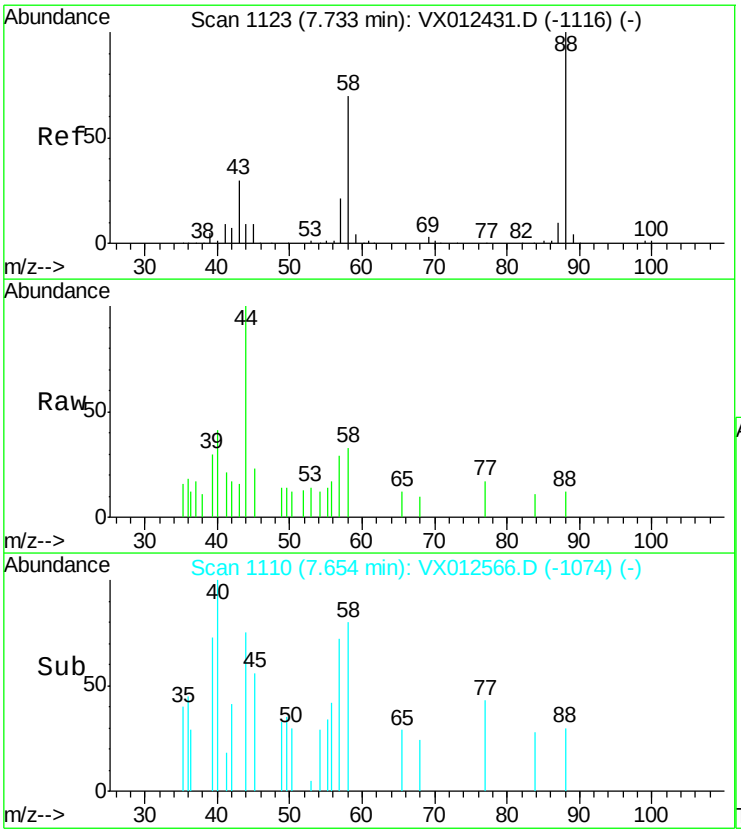
#44
Trichloroethene
Concen: 4.013 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion:130 Resp: 5615

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	193.0

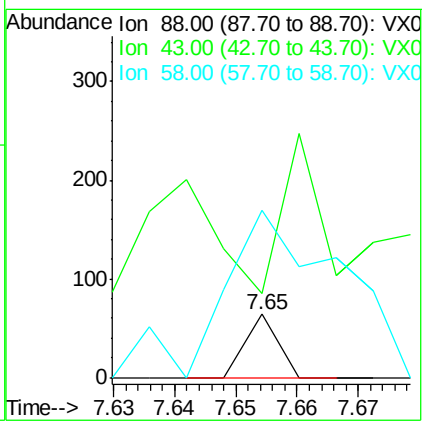


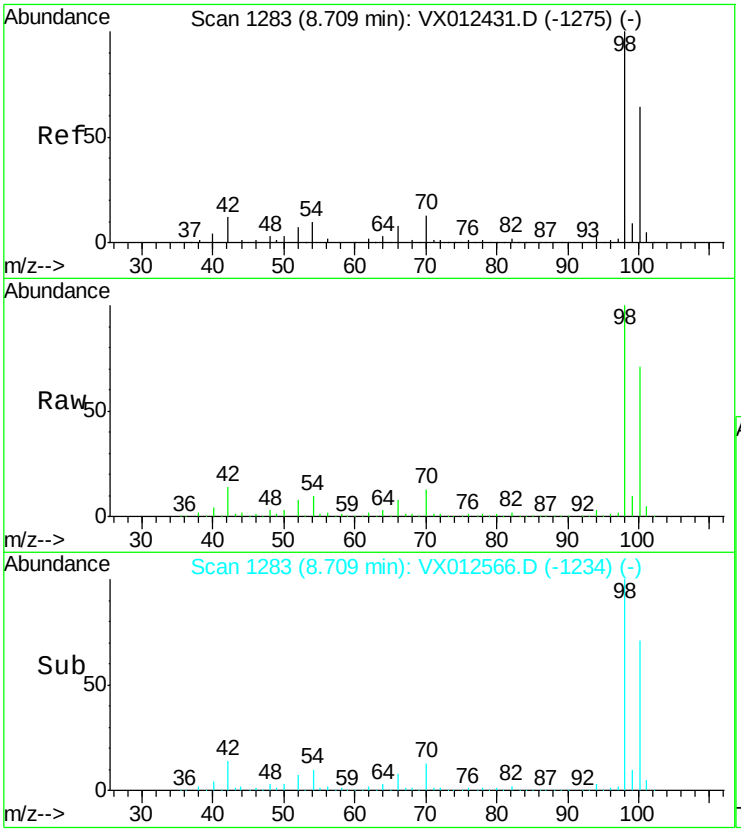


#49
1,4-Dioxane
Concen: 0.435 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. -0.08 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	569.6	29.4	44.0#
58	1004.3	57.5	86.3#



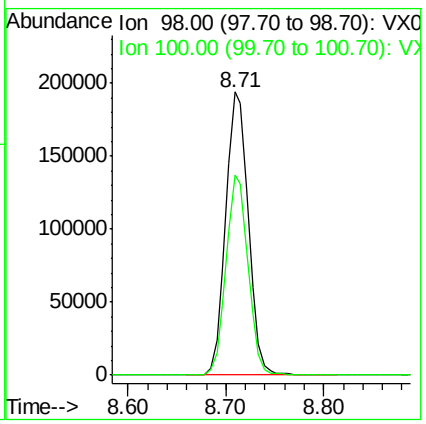


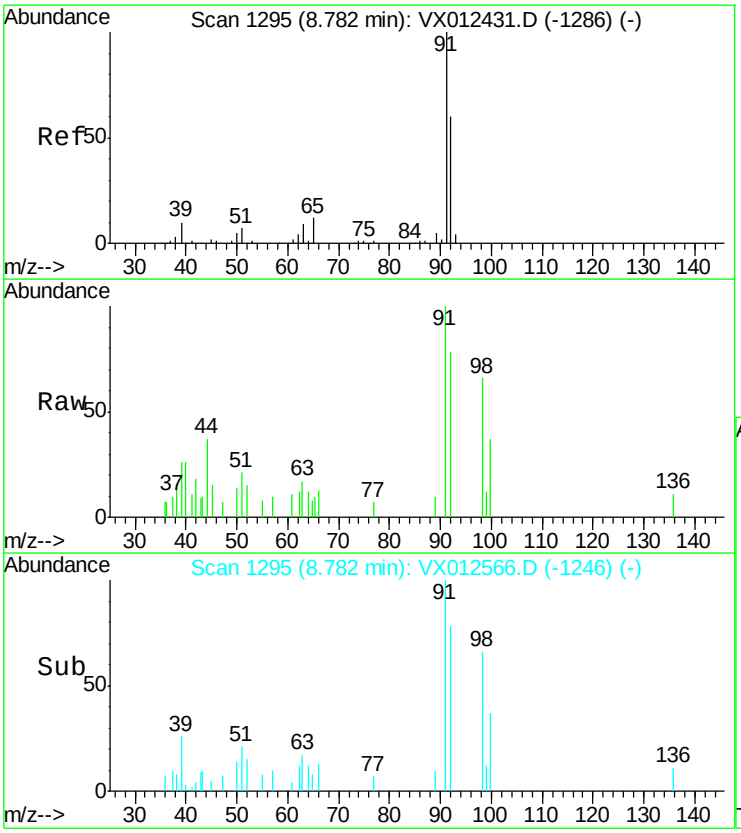
#50
Toluene-d8
Concen: 50.609 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 98 Resp: 312024

Ion	Ratio	Lower	Upper
98	100		
100	68.6	53.4	80.2

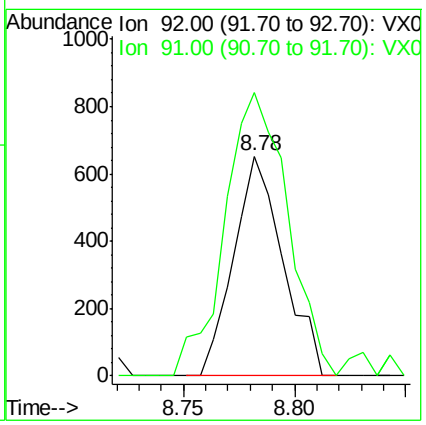


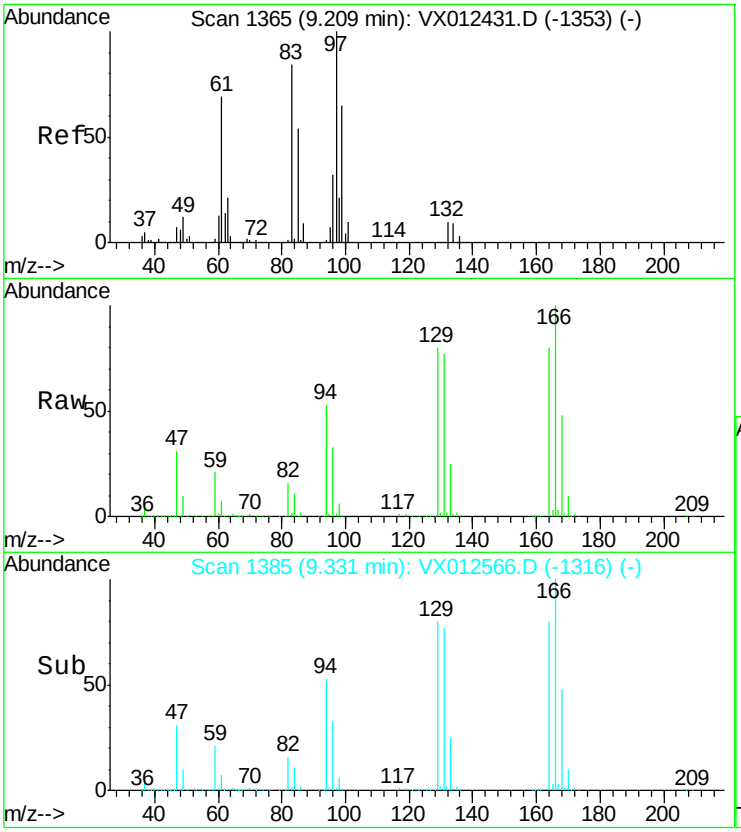


#52
Toluene
Concen: 0.294 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 92 Resp: 1008

Ion	Ratio	Lower	Upper
92	100		
91	164.1	135.4	203.0



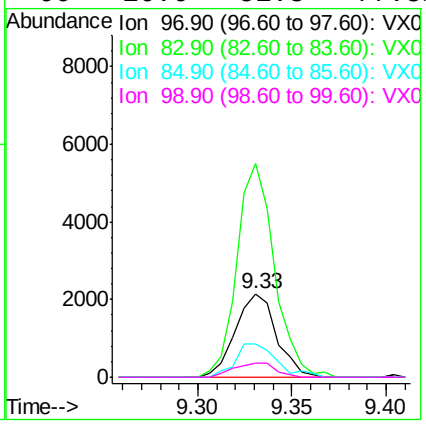


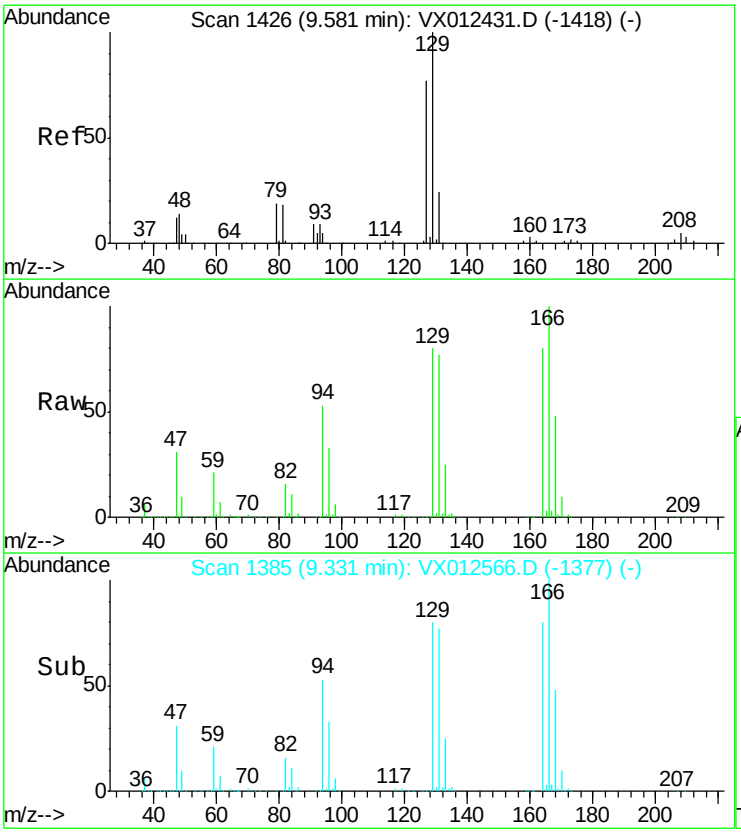
#55
1,1,2-Trichloroethane
Concen: 1.837 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.12 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 97 Resp: 3243

Ion	Ratio	Lower	Upper
97	100		
83	256.3	67.4	101.2#
85	40.0	43.5	65.3#
99	16.6	51.8	77.8#

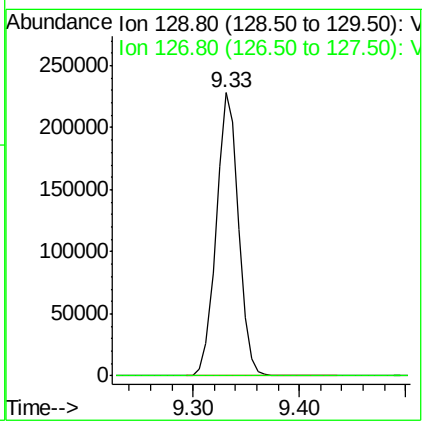


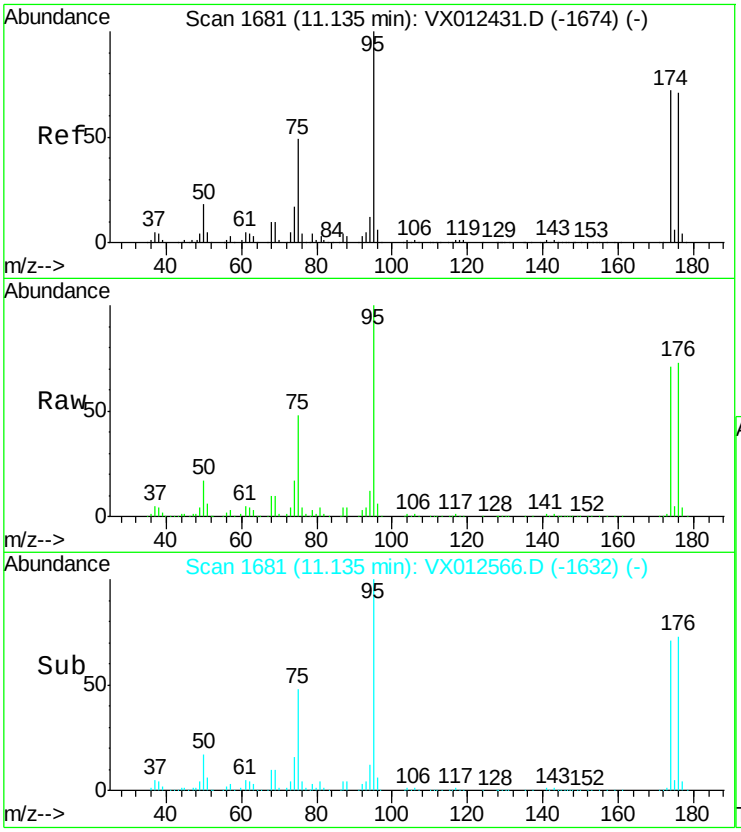


#60
Dibromochloromethane
Concen: 182.993 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion:129 Resp: 329110

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.9	116.6#



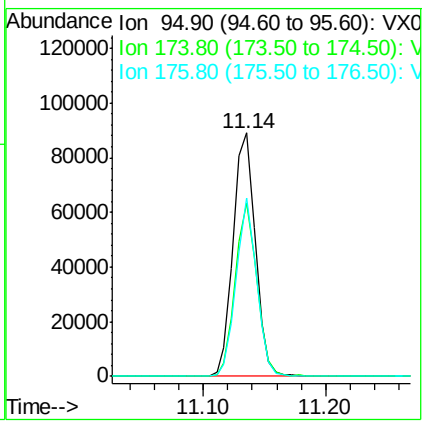


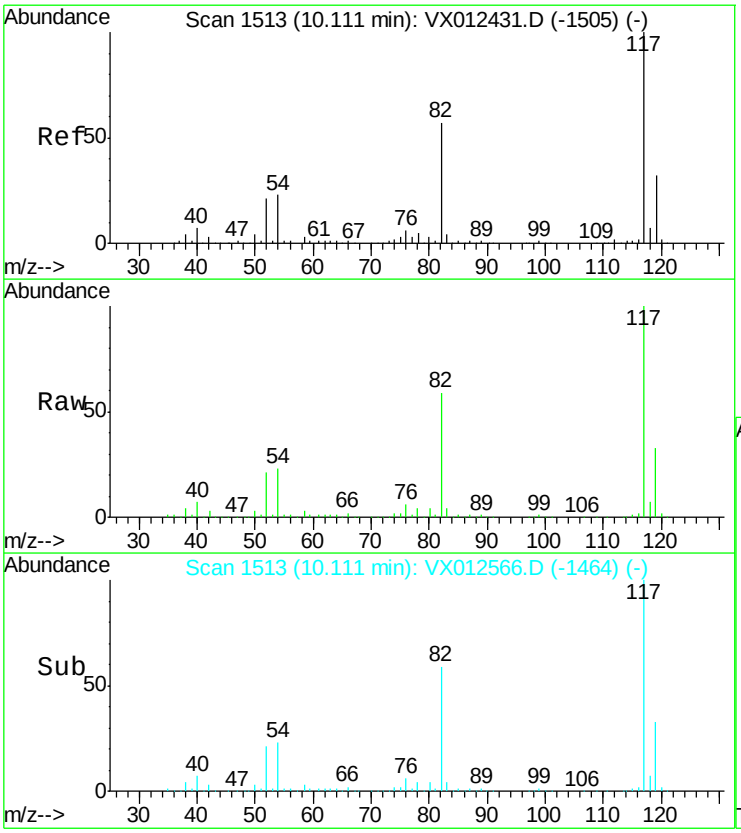
#62
4-Bromofluorobenzene
Concen: 43.550 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 95 Resp: 111484

Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	140.0
176	67.6	0.0	135.4

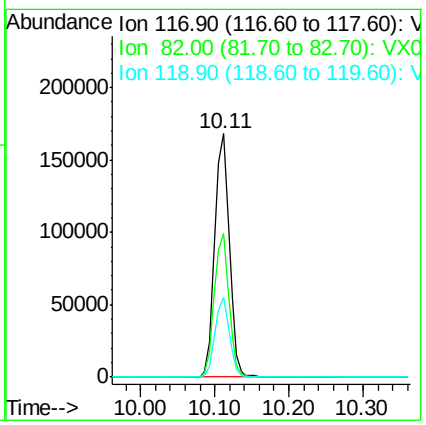


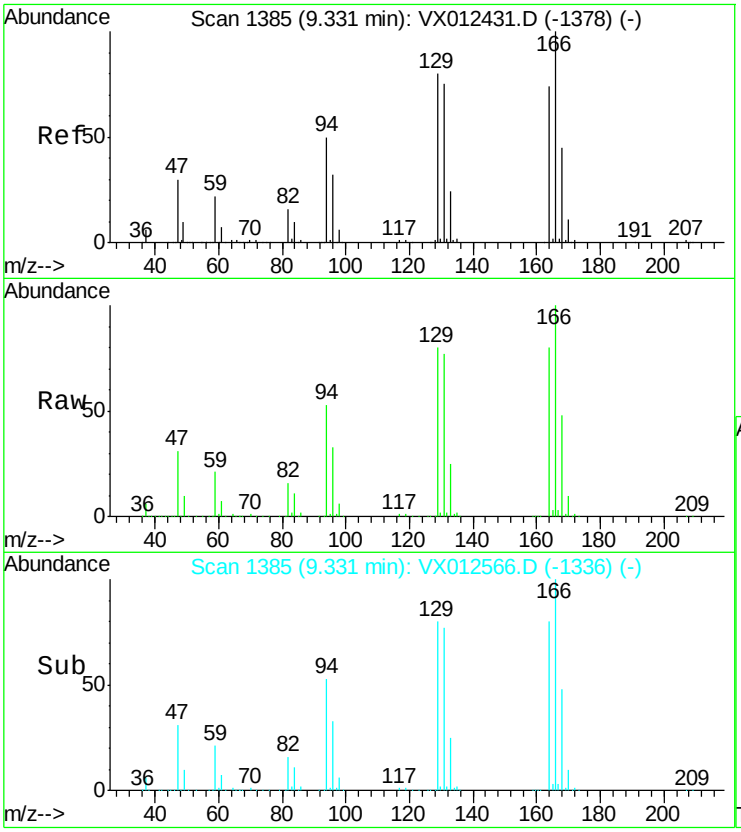


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion:117 Resp: 227806

Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.9	68.9
119	32.8	25.3	37.9



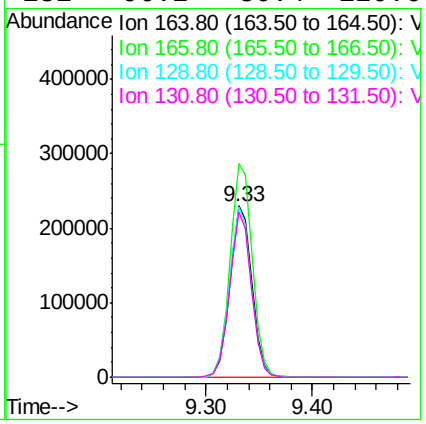


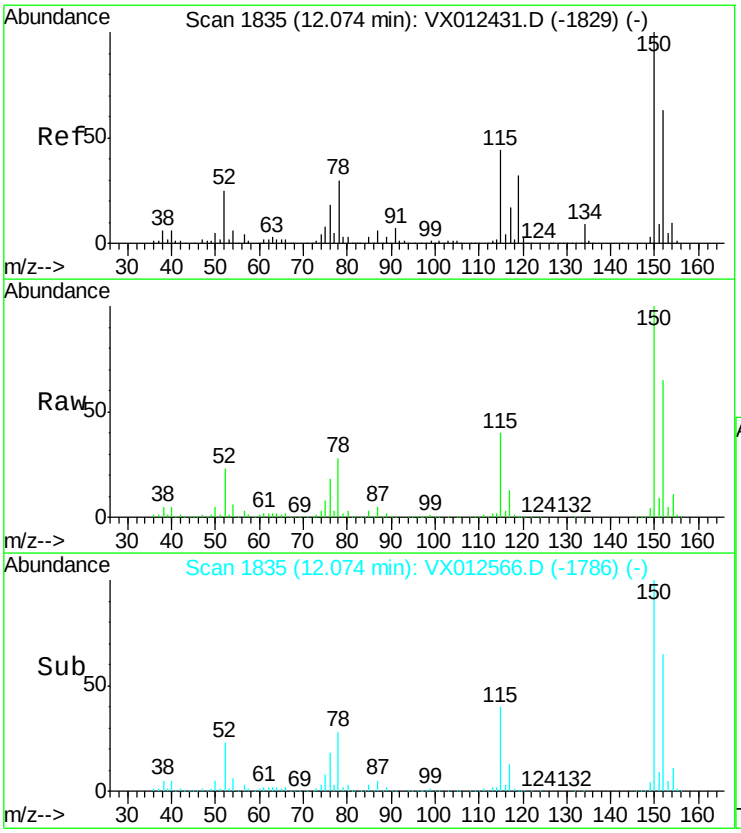
#64
Tetrachloroethene
Concen: 318.721 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion:164 Resp: 332711

Ion	Ratio	Lower	Upper
164	100		
166	124.5	107.8	161.6
129	99.0	86.2	129.2
131	96.2	80.4	120.6

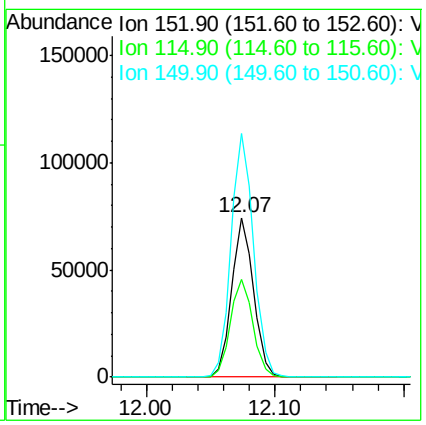


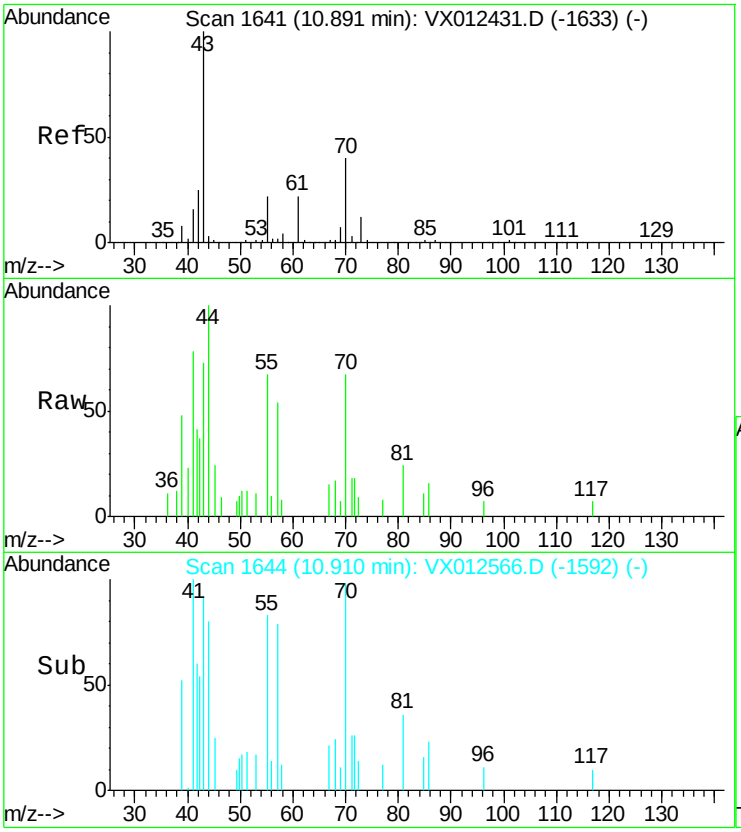


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion:152 Resp: 88914

Ion	Ratio	Lower	Upper
152	100		
115	62.7	44.1	132.3
150	156.7	0.0	343.8



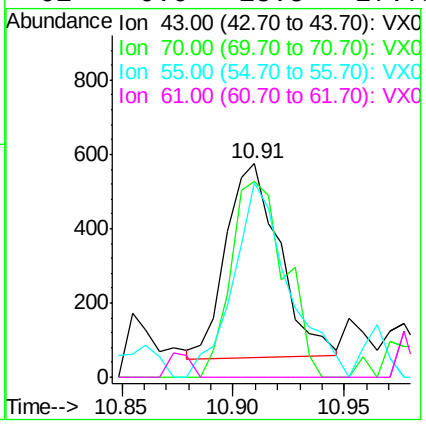


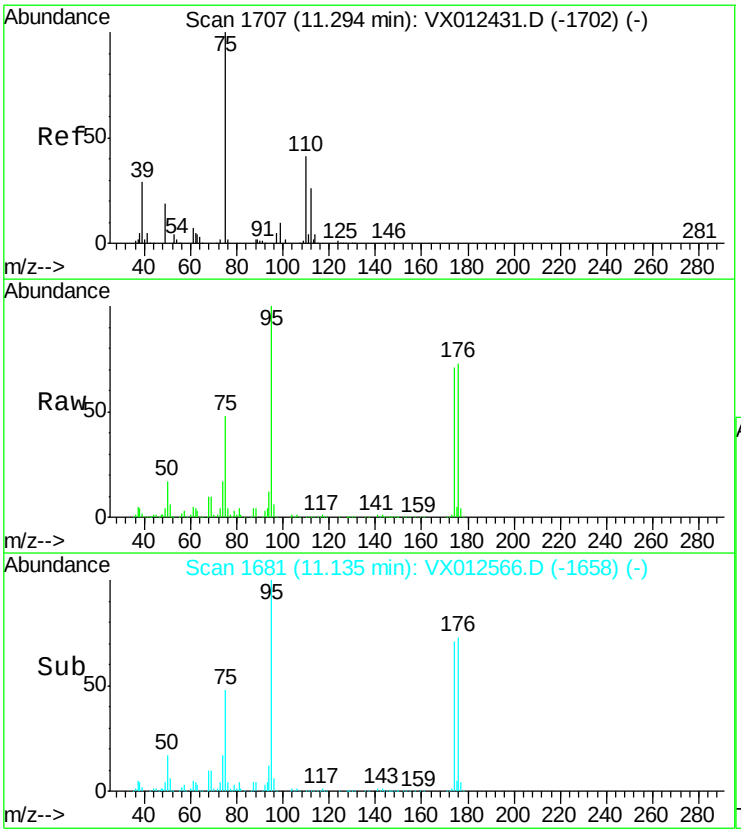
#74
N-amyl acetate
Concen: 0.293 ug/l
RT: 10.91 min Scan# 1644
Delta R.T. 0.02 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument : MSVOA_X
ClientSampleId : MW5-R2-1

Tgt Ion: 43 Resp: 880

Ion	Ratio	Lower	Upper
43	100		
70	101.3	32.4	48.6#
55	102.8	18.2	27.4#
61	0.0	18.5	27.7#

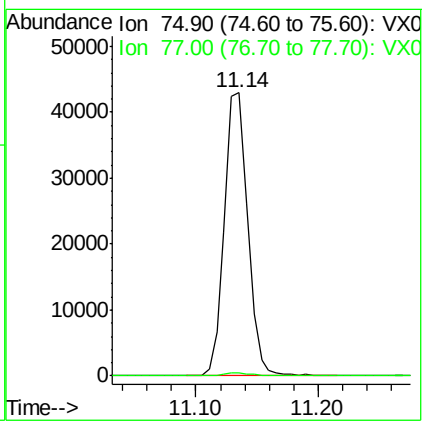


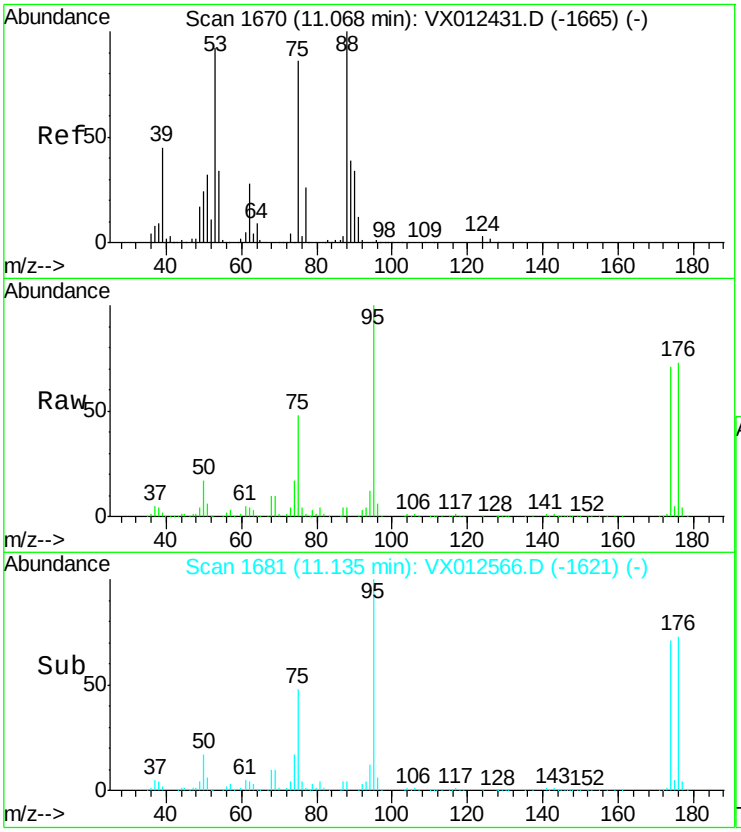


#76
1,2,3-Trichloropropane
Concen: 27.794 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Tgt Ion: 75 Resp: 56768

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.677 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012566.D
Acq: 20 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW5-R2-1

Tgt Ion: 75 Resp: 56768

Ion	Ratio	Lower	Upper
75	100		
53	0.2	83.6	125.4#
89	0.0	36.3	54.5#