Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031020\
Data File : VX015161.D
Acq On : 10 Mar 2020 11:33
Operator : JC/SP
Sample : L1842-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D5-20200304

Quant Time: Mar 11 07:27:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	333743	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	560409	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	537278	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266555	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	205625	51.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.86%				
35) Dibromofluoromethane	5.49	113	172616	48.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.64%				
50) Toluene-d8	8.71	98	687627	51.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.26%				
62) 4-Bromofluorobenzene	11.14	95	248125	51.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	4558	1.560	ug/l		99
3) Chloromethane	1.32	50	2206	0.533	ug/l	#	87
5) Bromomethane	1.66	94	795	0.308	ug/l	#	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29738	9.463	ug/l		96
10) Methyl Iodide	2.51	142	1390	0.392	ug/l	#	86
11) Tert butyl alcohol	3.04	59	1128	1.642	ug/l	#	64
12) 1,1-Dichloroethene	2.37	96	6972	2.150	ug/l		94
13) Acrolein	2.28	56	420	0.651	ug/l	#	79
15) Acrylonitrile	3.12	53	756	0.442	ug/l	#	29
16) Acetone	2.43	43	3486	2.174	ug/l	#	84
20) Methylene Chloride	2.86	84	1078	0.287	ug/l	#	35
24) 1,1-Dichloroethane	3.69	63	4550	0.728	ug/l	#	85
27) cis-1,2-Dichloroethene	4.59	96	6452	1.661	ug/l		75
28) Bromochloromethane	5.01	49	798	0.280	ug/l	#	72
29) Tetrahydrofuran	5.12	42	768	0.508	ug/l	#	71
30) Chloroform	5.20	83	5706	0.936	ug/l		95
32) 1,1,1-Trichloroethane	5.50	97	1909	0.378	ug/l	#	40
36) 1,1-Dichloropropene	5.65	75	24150	4.661	ug/l	#	42
38) Carbon Tetrachloride	5.78	117	3324	0.680	ug/l		90
42) 1,2-Dichloroethane	6.18	62	2168	0.411	ug/l		94
44) Trichloroethene	7.21	130	384840	89.903	ug/l		98
46) Dibromomethane	7.67	93	616	0.238	ug/l	#	39
49) 1,4-Dioxane	7.75	88	1793	19.273	ug/l	#	33
52) Toluene	8.78	92	2749	0.293	ug/l		96
55) 1,1,2-Trichloroethane	9.21	97	2108	0.545	ug/l	#	92
76) 1,2,3-Trichloropropane	11.13	75	122798	23.095	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	122798	65.545	ug/l	#	11
93) 1,2,4-Trichlorobenzene	13.63	180	1239	0.215	ug/l		78
95) Naphthalene	13.83	128	1318	1.492	ug/l	#	55

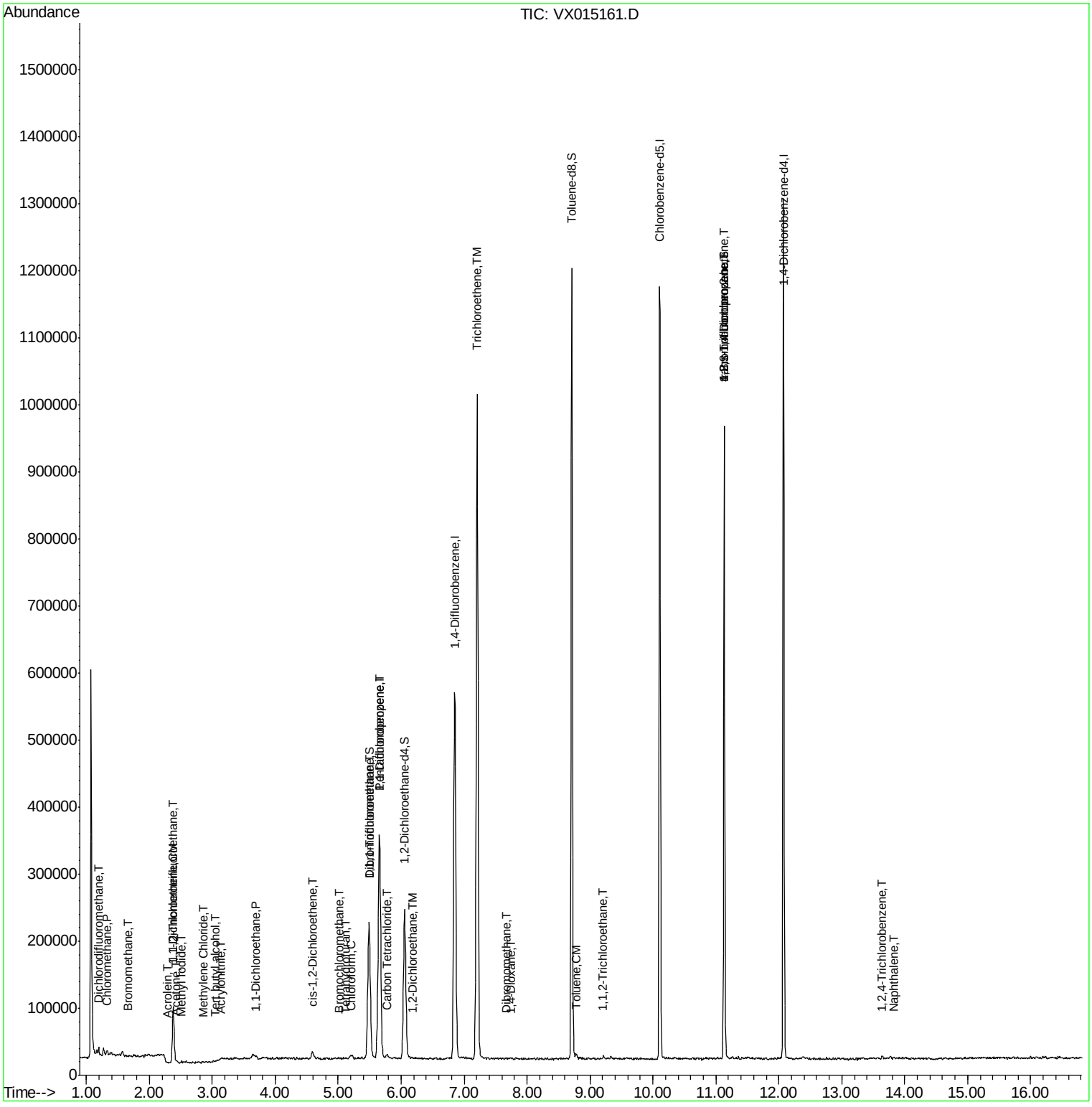
(#) = qualifier out of range (m) = manual integration (+) = signals summed

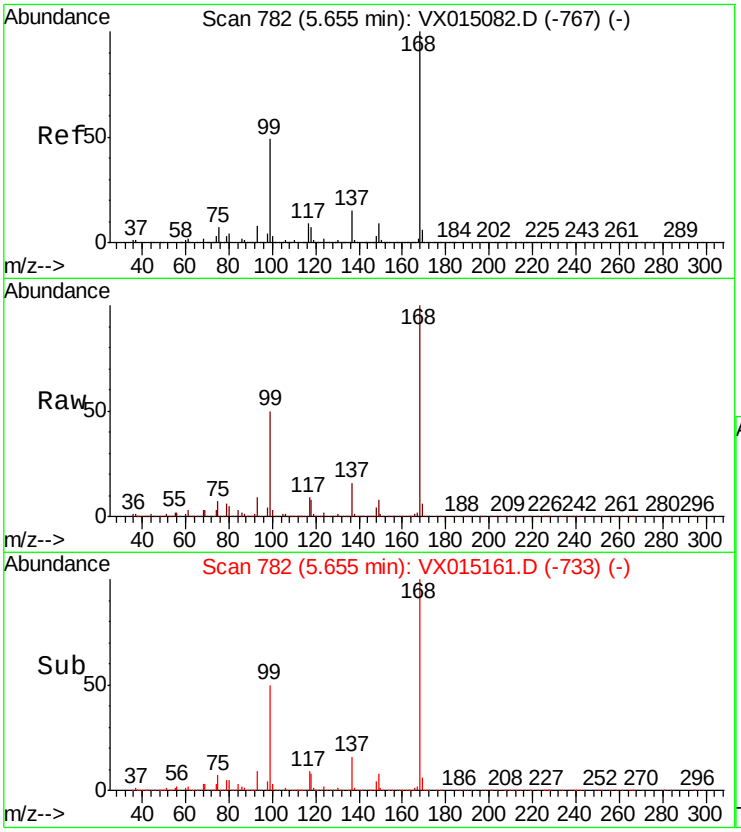
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
Data File : VX015161.D
Acq On : 10 Mar 2020 11:33
Operator : JC/SP
Sample : L1842-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Quant Time: Mar 11 07:27:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration



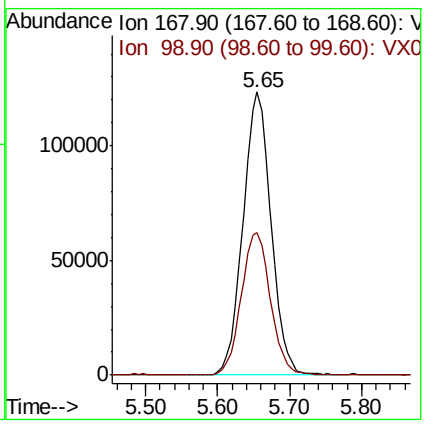


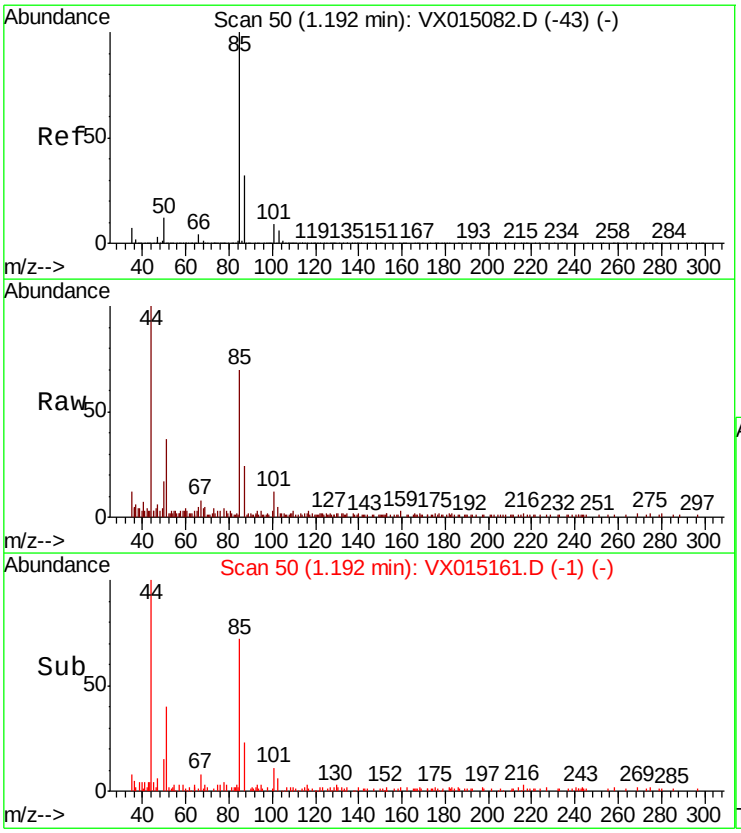
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion:168 Resp: 333743

Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.4	59.2

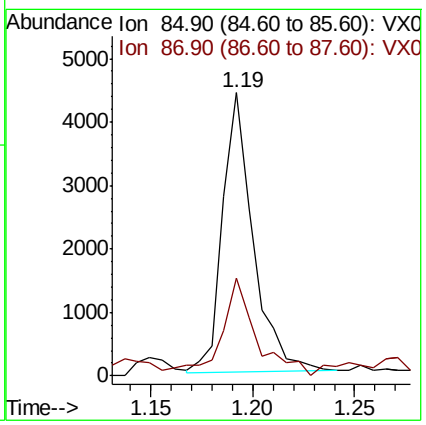


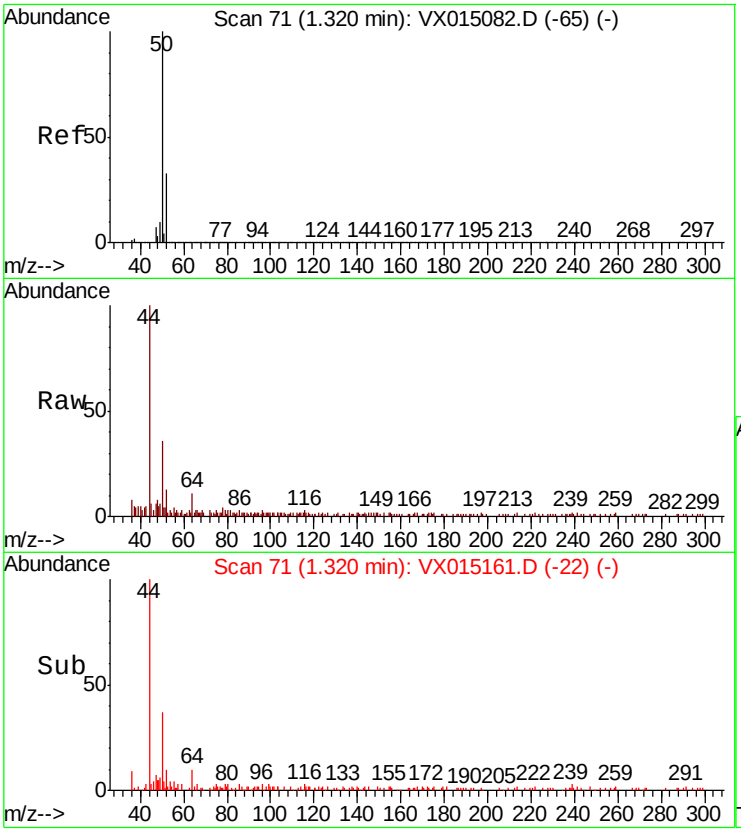


#2
Dichlorodifluoromethane
Concen: 1.560 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 85 Resp: 4558

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.2	48.5



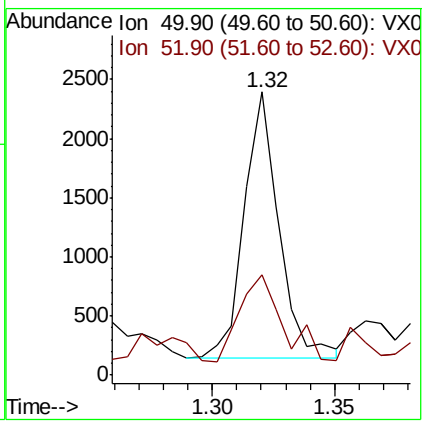


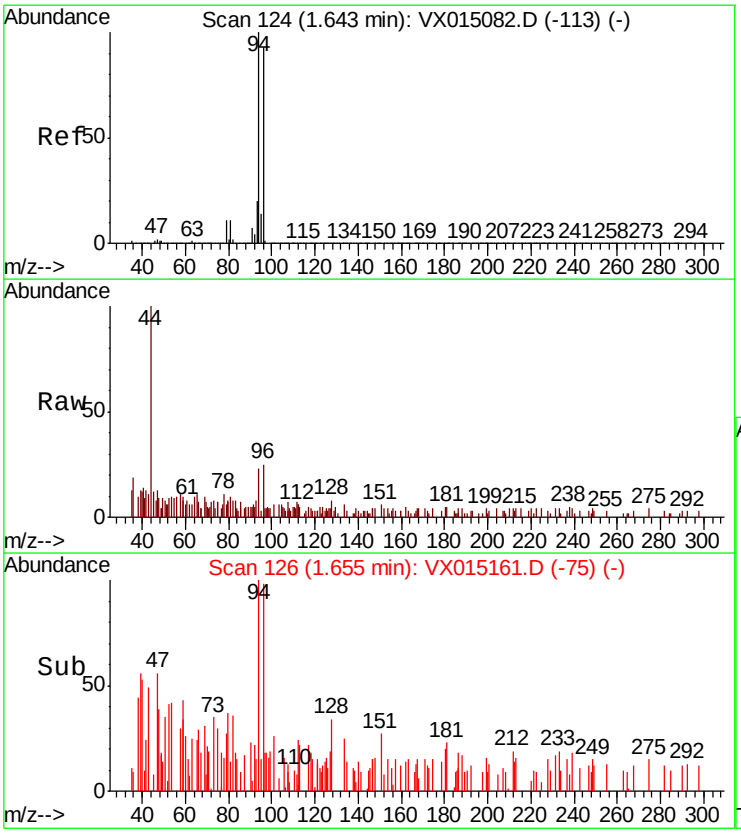
#3
Chloromethane
Concen: 0.533 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 50 Resp: 2206

Ion	Ratio	Lower	Upper
50	100		
52	25.6	26.2	39.2#

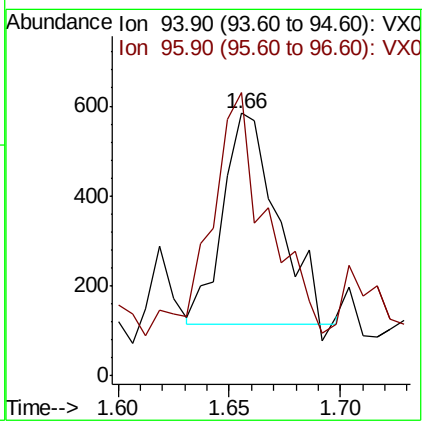


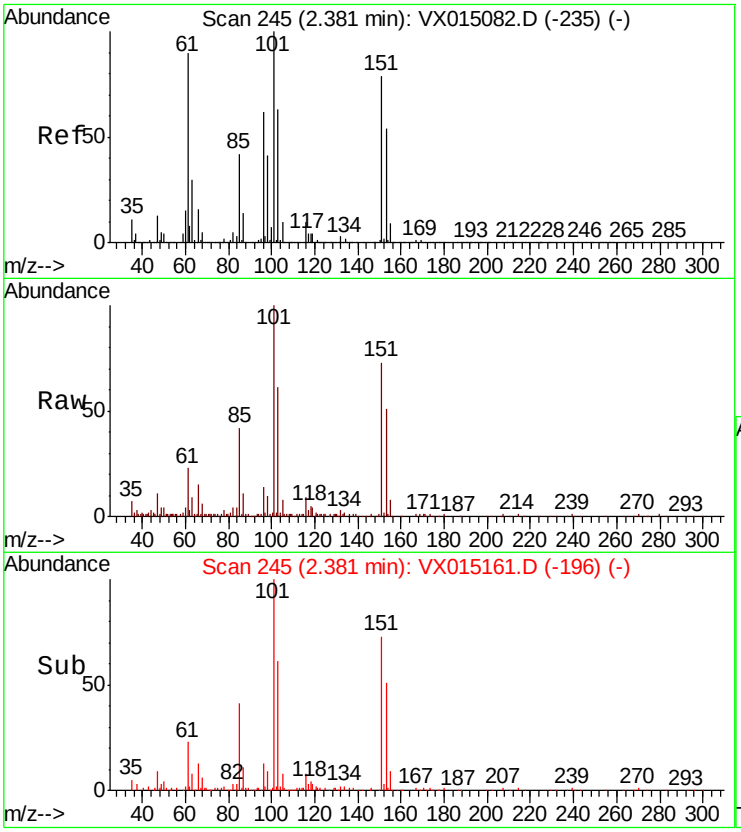


#5
Bromomethane
Concen: 0.308 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 94 Resp: 795

Ion	Ratio	Lower	Upper
94	100		
96	113.5	74.6	111.8#



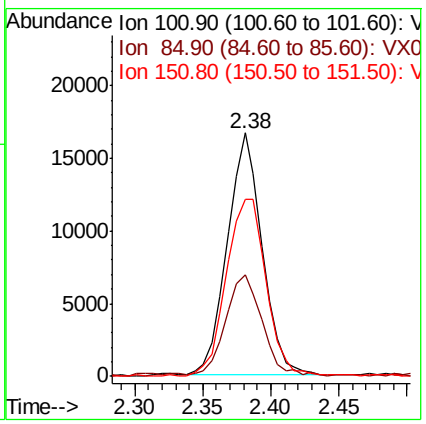


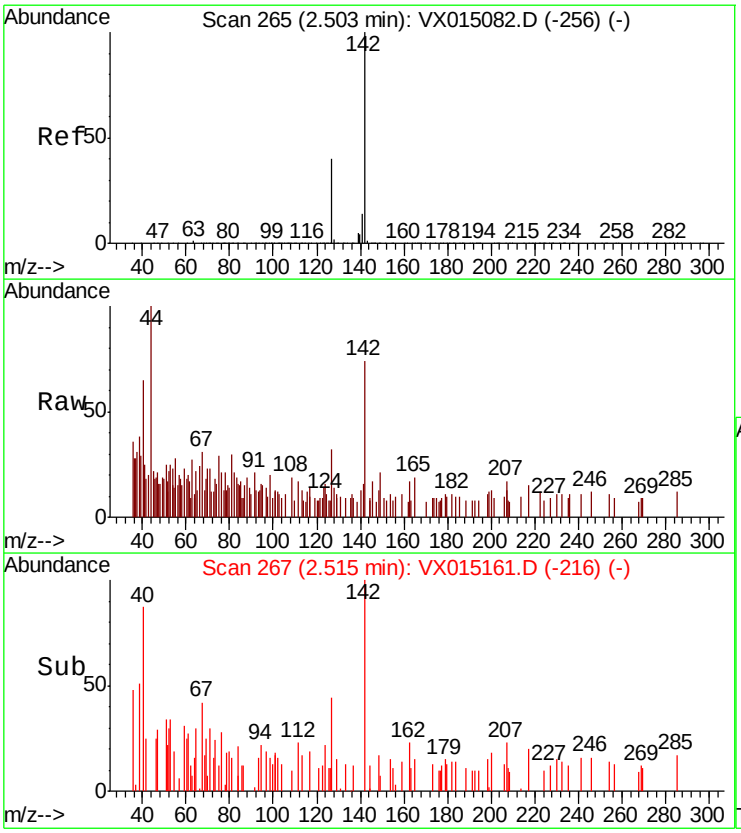
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.463 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion:101 Resp: 29738

Ion	Ratio	Lower	Upper
101	100		
85	44.3	33.7	50.5
151	84.2	64.0	96.0

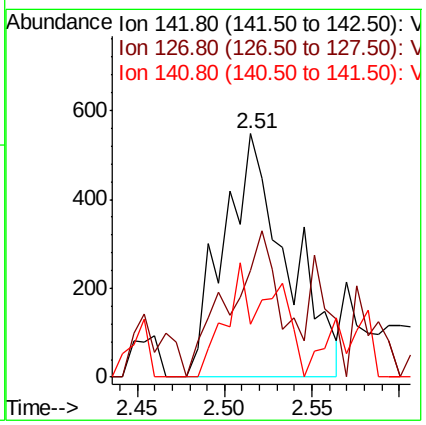


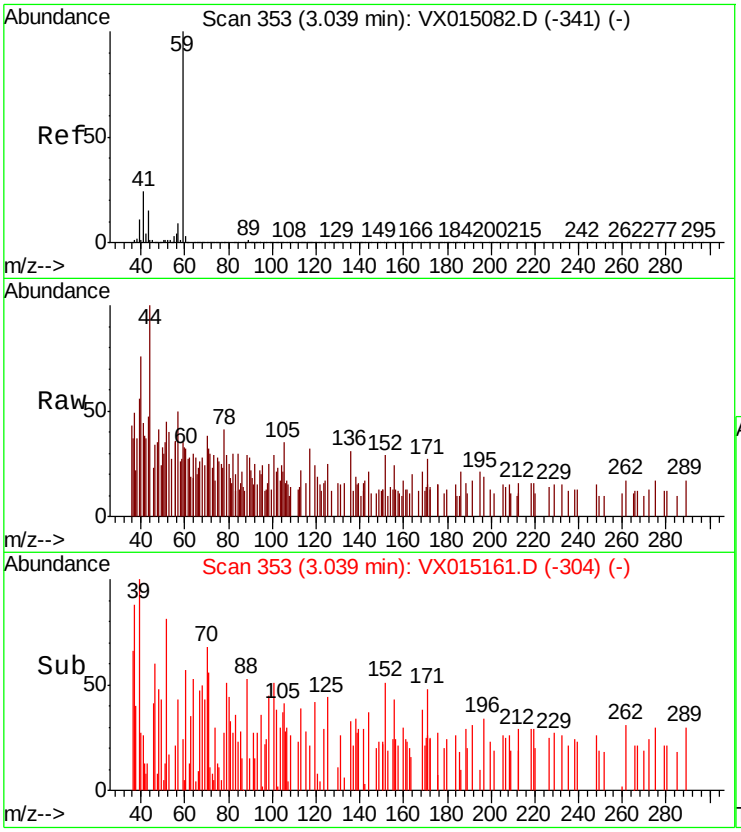


#10
Methyl Iodide
Concen: 0.392 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion:142 Resp: 1390

Ion	Ratio	Lower	Upper
142	100		
127	49.0	31.7	47.5#
141	17.8	11.3	16.9#



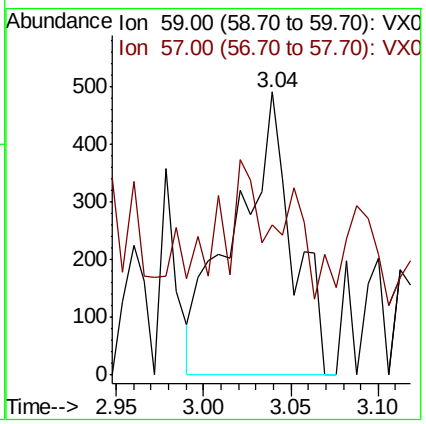


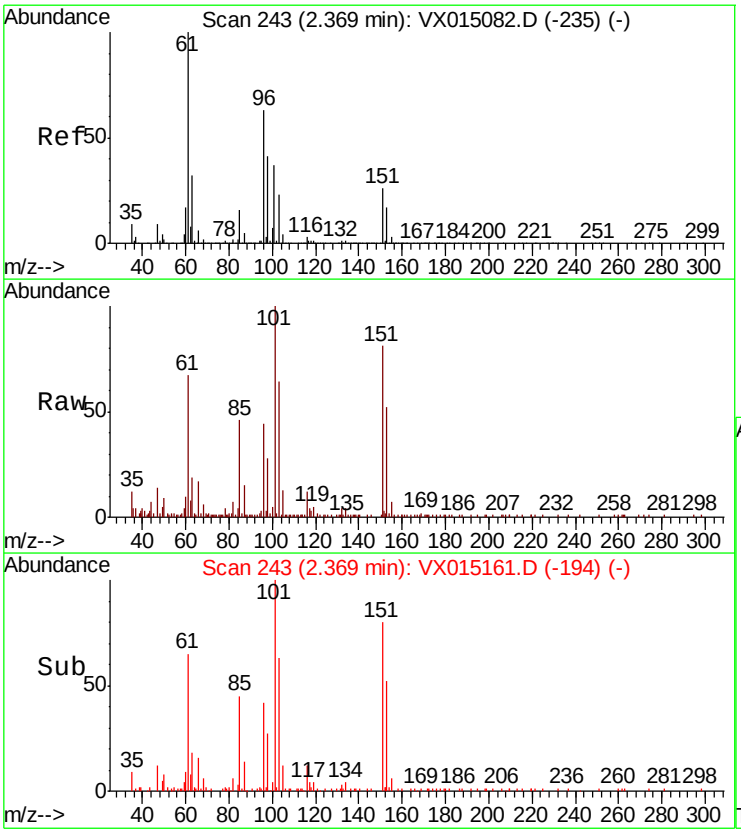
#11
Tert butyl alcohol
Concen: 1.642 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 59 Resp: 1128

Ion	Ratio	Lower	Upper
59	100		
57	23.7	8.2	12.4#

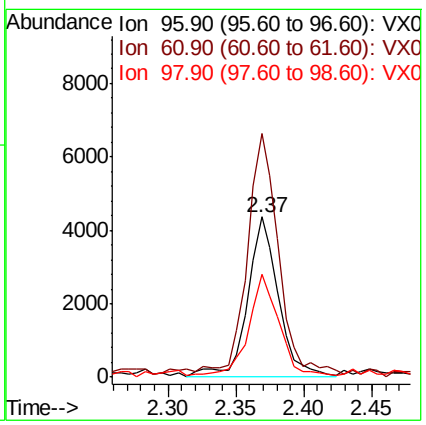


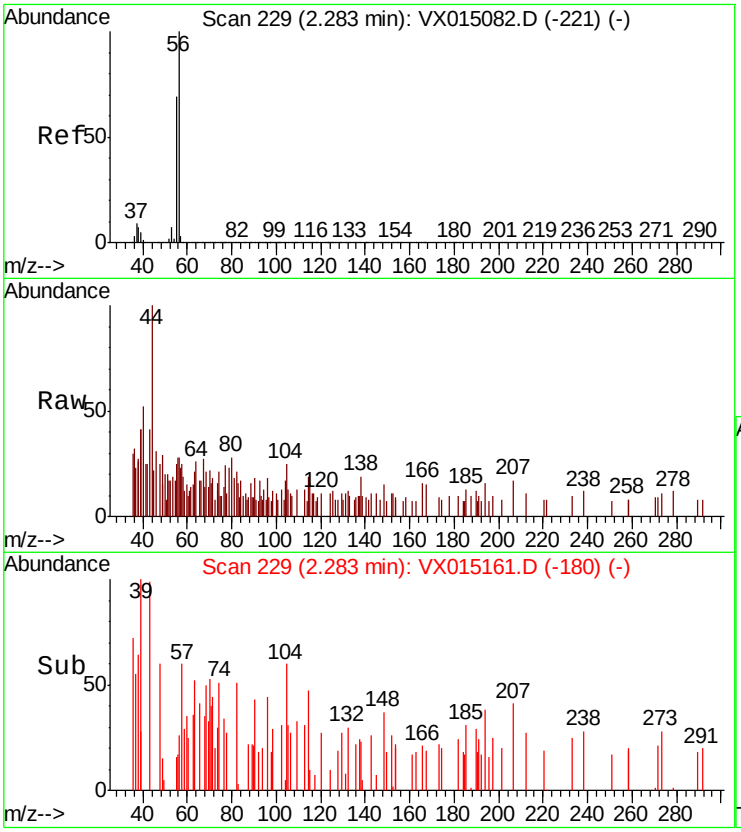


#12
1,1-Dichloroethene
Concen: 2.150 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 96 Resp: 6972

Ion	Ratio	Lower	Upper
96	100		
61	147.4	126.2	189.4
98	63.1	51.4	77.0



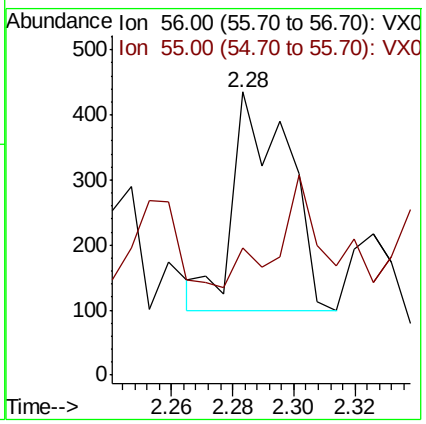


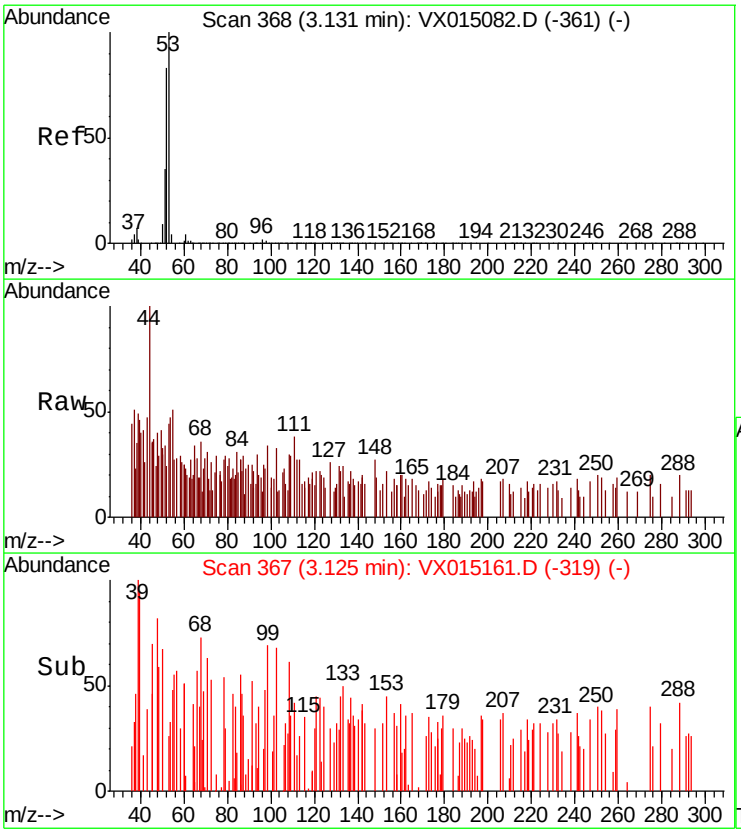
#13
Acrolein
Concen: 0.651 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 56 Resp: 420

Ion	Ratio	Lower	Upper
56	100		
55	52.4	55.4	83.0#

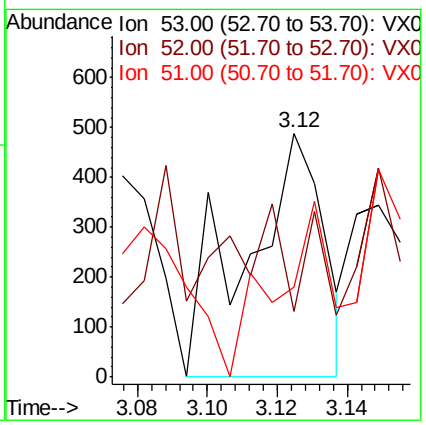


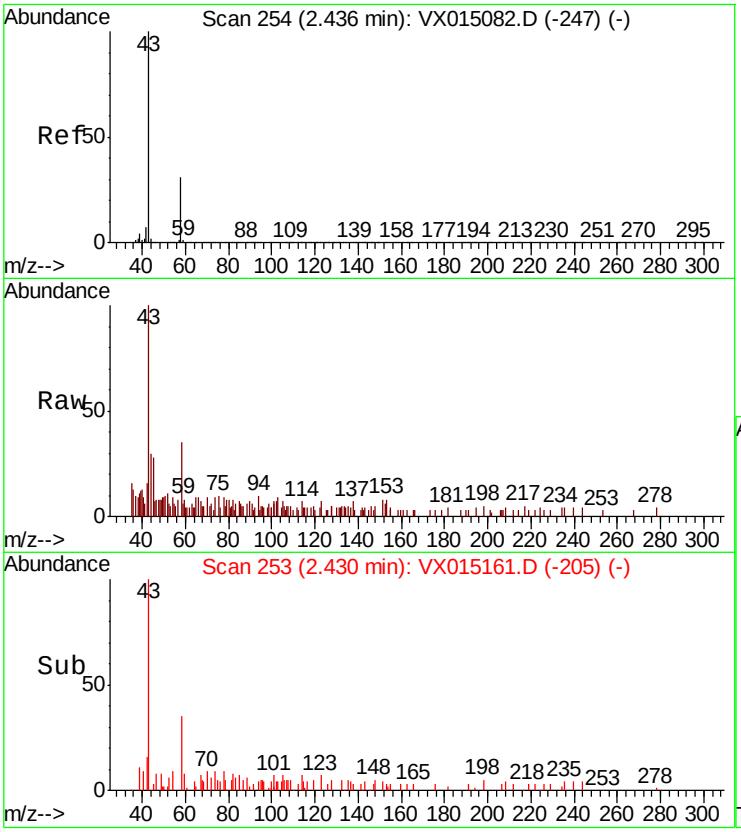


#15
Acrylonitrile
Concen: 0.442 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 53 Resp: 756

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	100.0#
51	49.9	29.0	43.6#



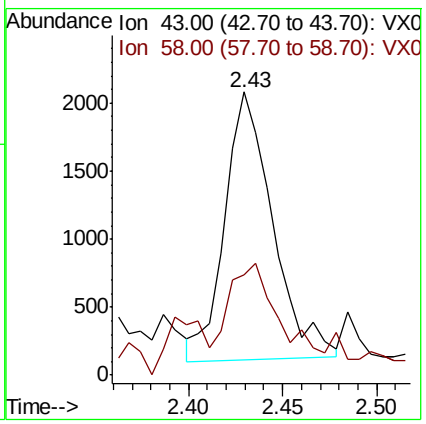


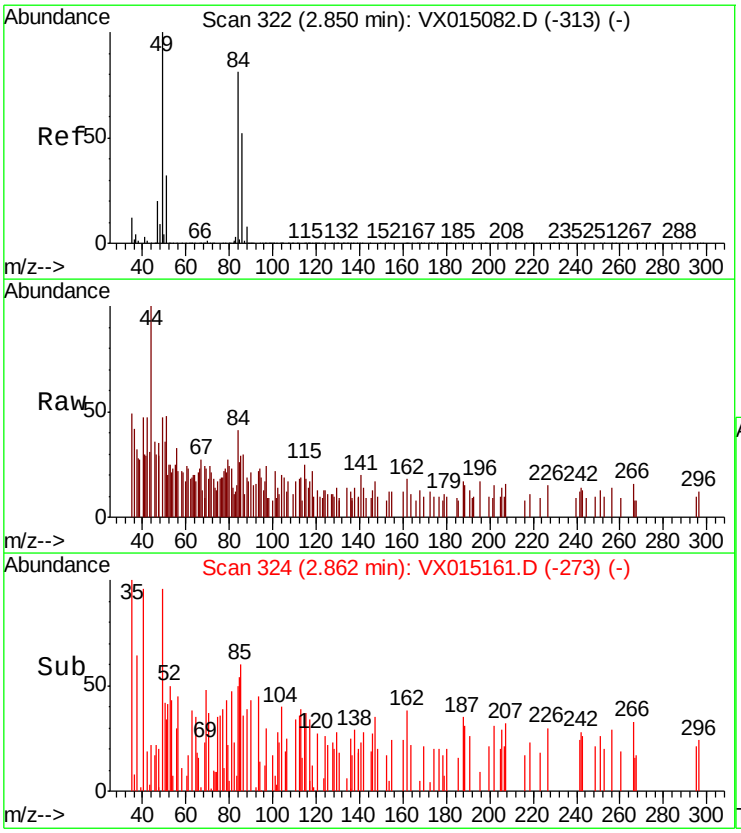
#16
Acetone
Concen: 2.174 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument : MSVOA_X
ClientSampleId : RE132D5-20200304

Tgt Ion: 43 Resp: 3486

Ion	Ratio	Lower	Upper
43	100		
58	22.1	24.8	37.2#

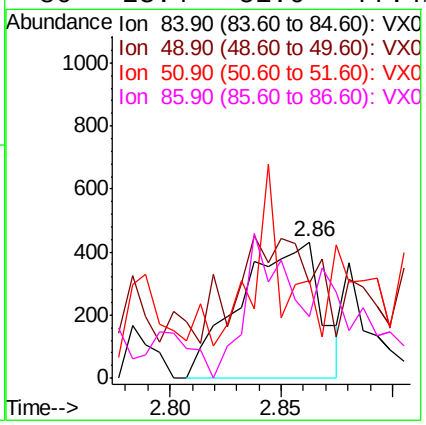


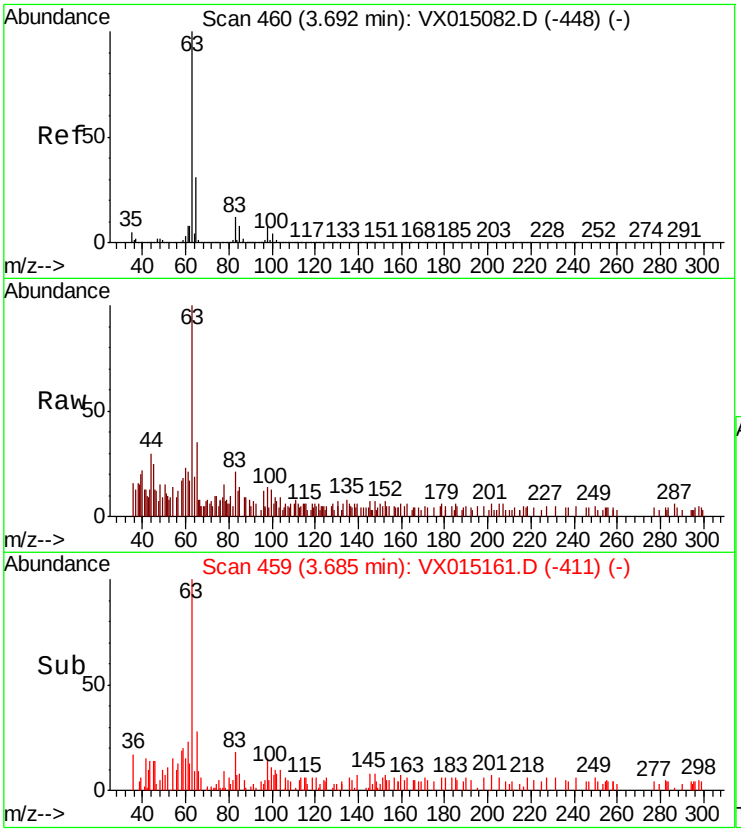


#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 2.86 min Scan# 324
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 84 Resp: 1078

Ion	Ratio	Lower	Upper
84	100		
49	39.4	99.4	149.2#
51	73.6	31.5	47.3#
86	23.4	51.6	77.4#



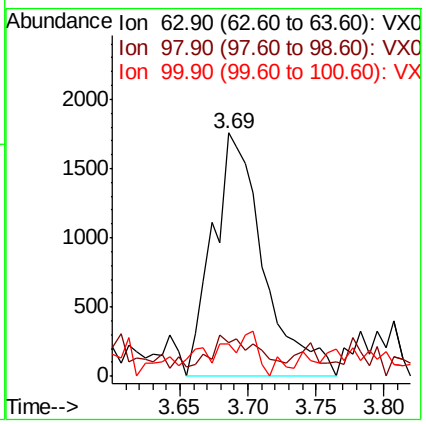


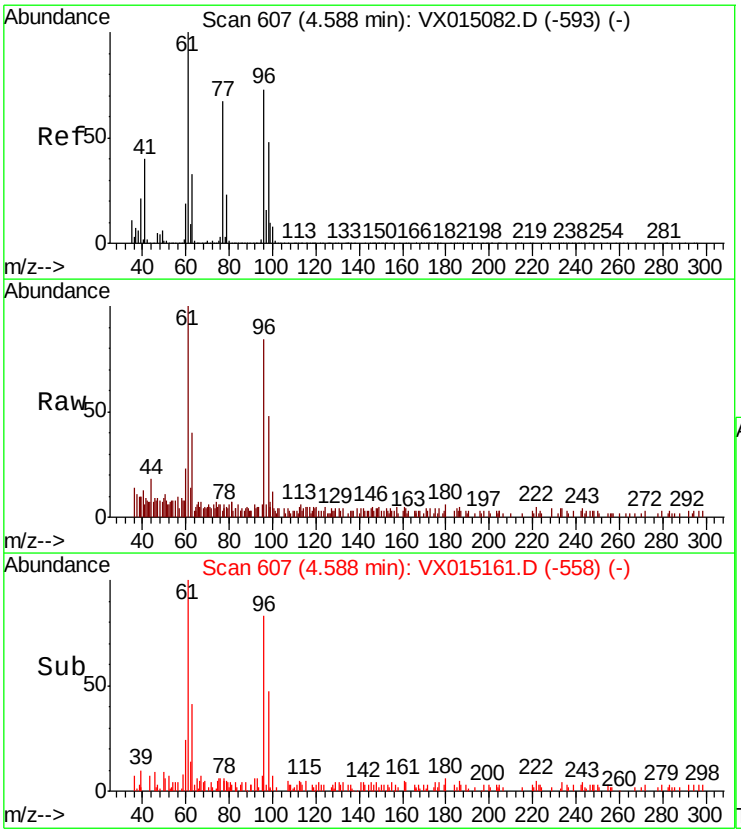
#24
1,1-Dichloroethane
Concen: 0.728 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 63 Resp: 4550

Ion	Ratio	Lower	Upper
63	100		
98	14.6	3.7	11.1#
100	6.1	2.1	6.5

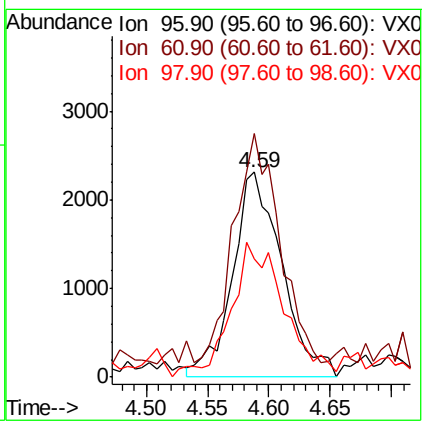


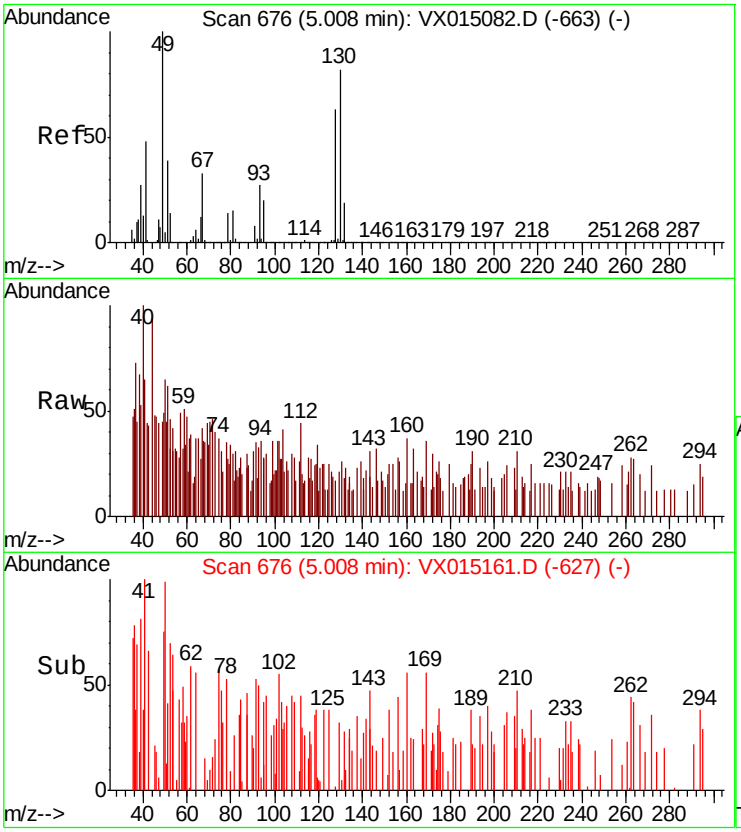


#27
cis-1,2-Dichloroethene
Concen: 1.661 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 96 Resp: 6452

Ion	Ratio	Lower	Upper
96	100		
61	104.0	0.0	286.8
98	70.9	0.0	128.4



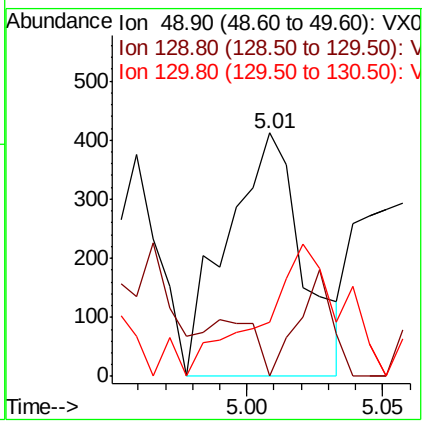


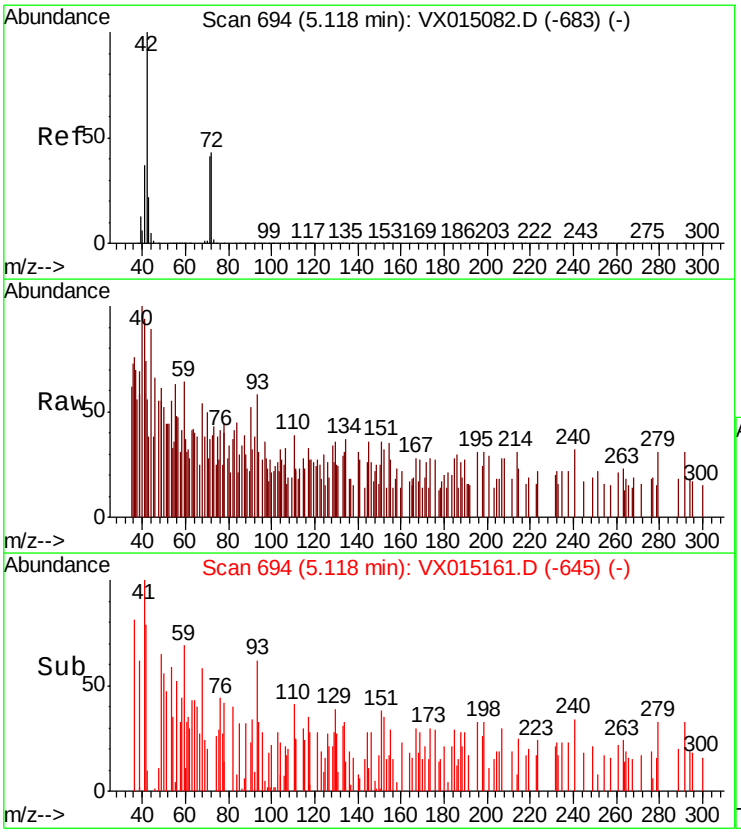
#28
Bromochloromethane
Concen: 0.280 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 49 Resp: 798

Ion	Ratio	Lower	Upper
49	100		
129	19.3	0.0	4.4#
130	56.8	65.0	97.6#

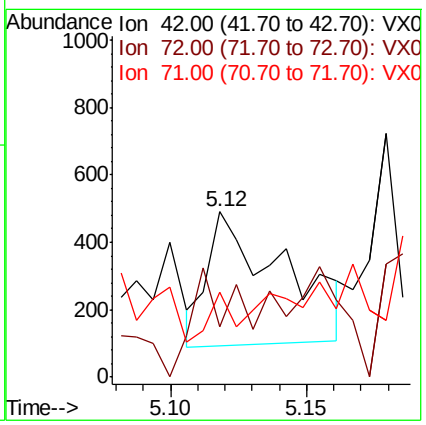


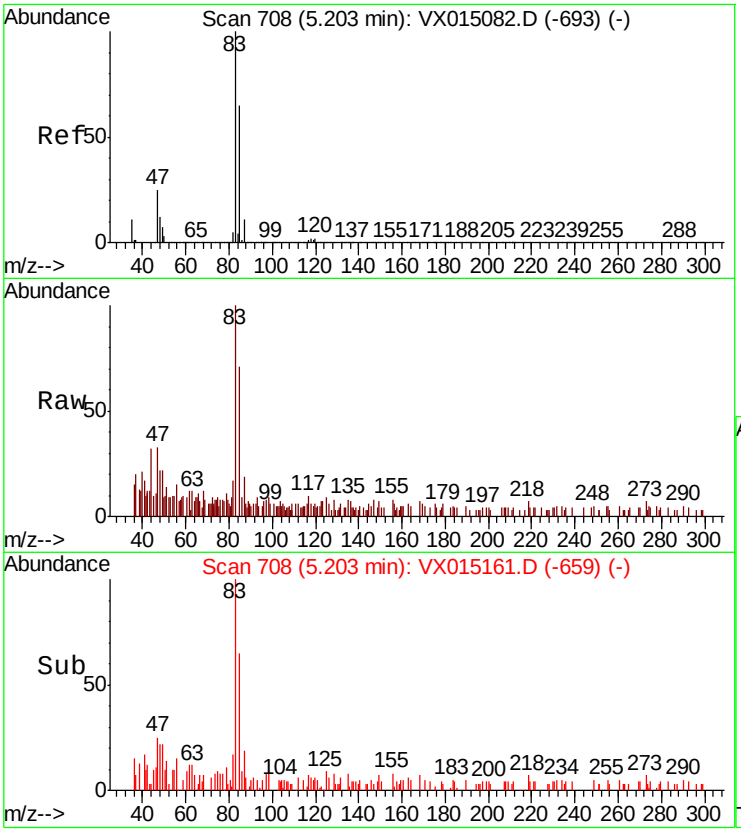


#29
Tetrahydrofuran
Concen: 0.508 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 42 Resp: 768

Ion	Ratio	Lower	Upper
42	100		
72	48.0	36.4	54.6
71	6.1	33.3	49.9#



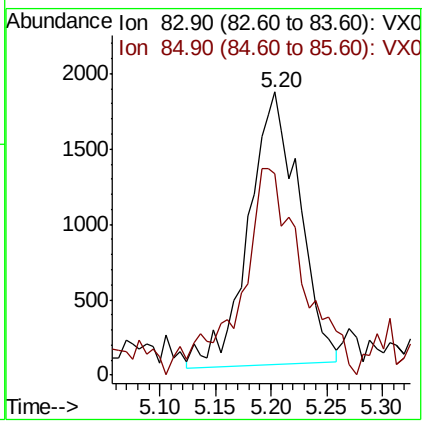


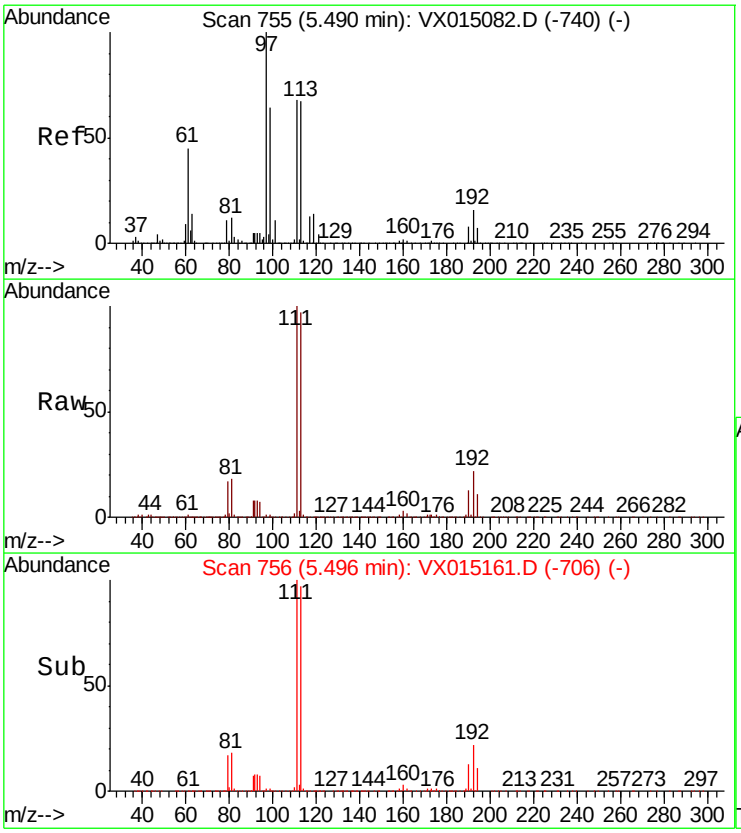
#30
Chloroform
Concen: 0.936 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 83 Resp: 5706

Ion	Ratio	Lower	Upper
83	100		
85	68.9	52.0	78.0

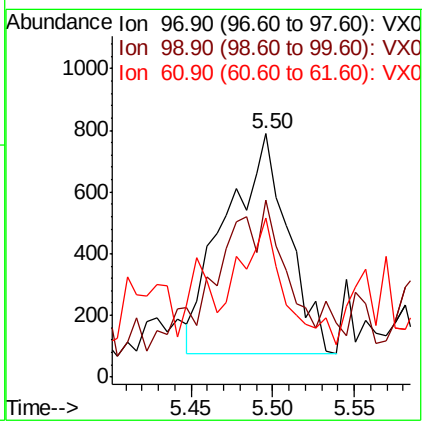


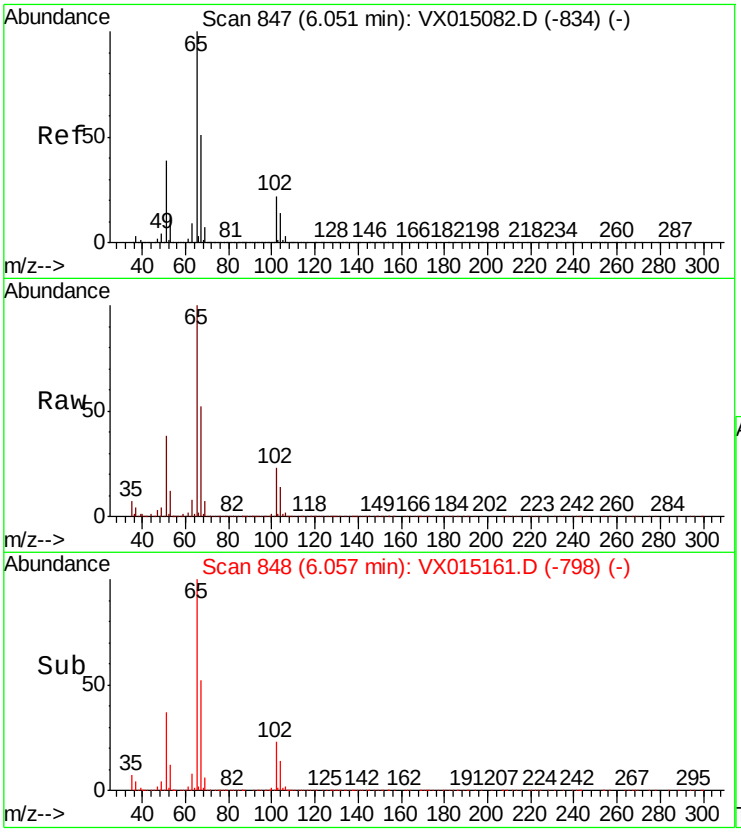


#32
1,1,1-Trichloroethane
Concen: 0.378 ug/l
RT: 5.50 min Scan# 756
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 97 Resp: 1909

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.8	79.2#
61	28.0	36.6	54.8#



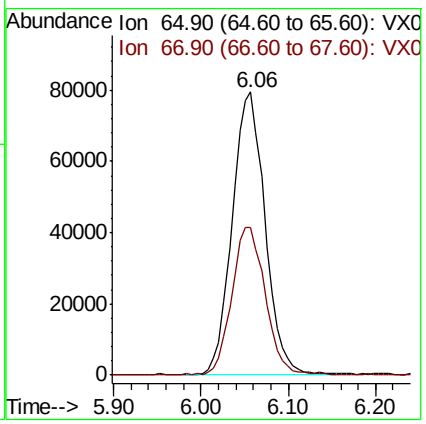


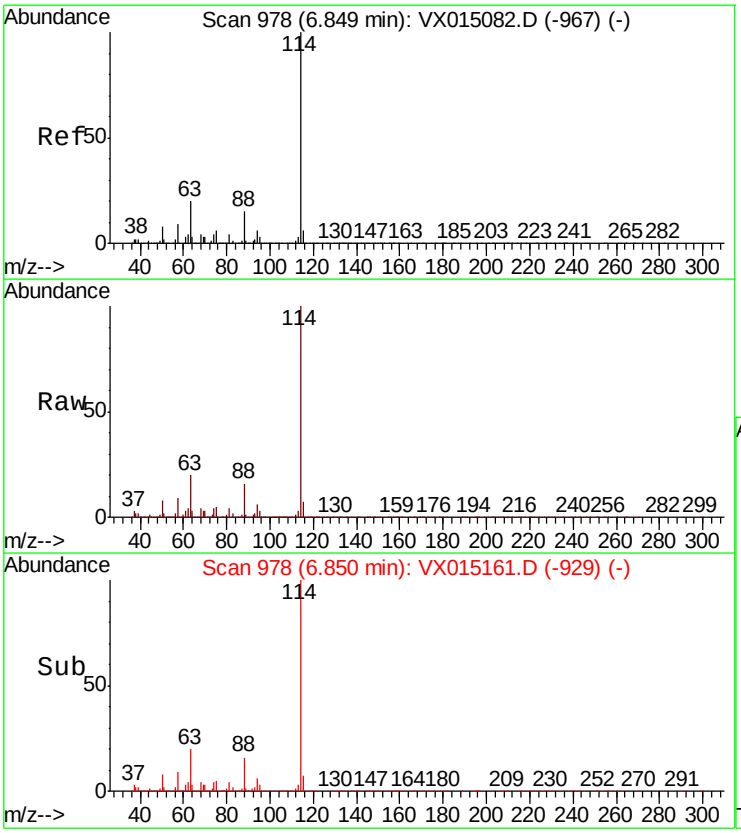
#33
1,2-Dichloroethane-d4
Concen: 51.933 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 65 Resp: 205625

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.6

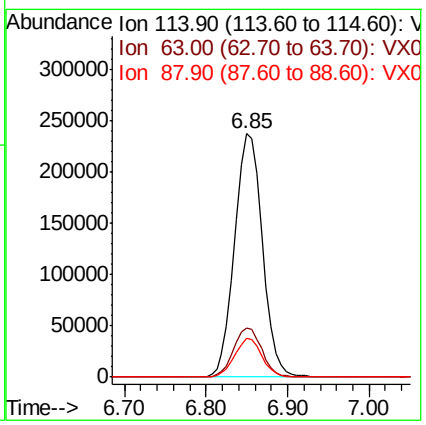


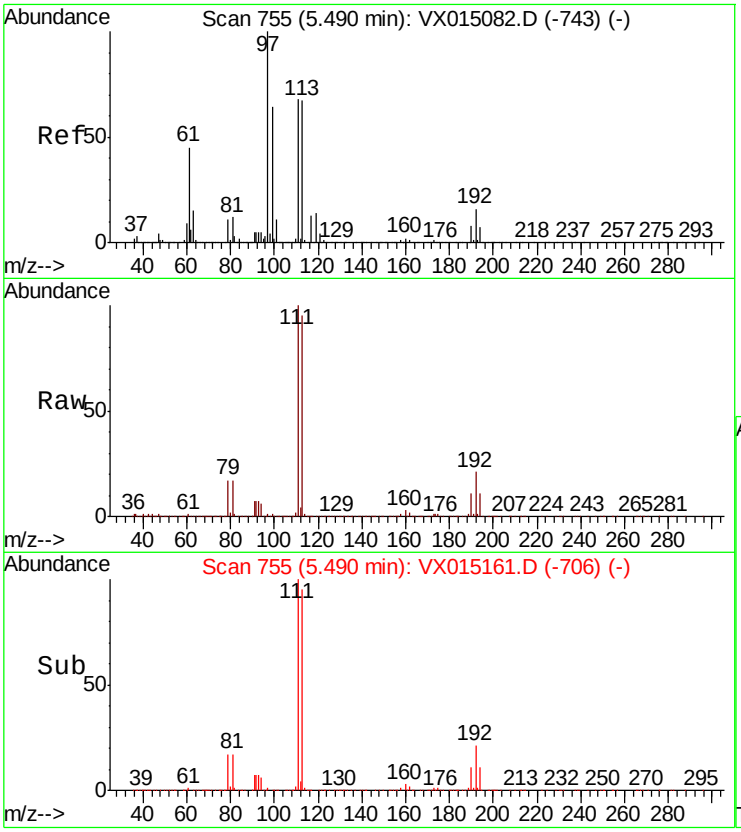


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion:114 Resp: 560409

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	15.8	0.0	30.6



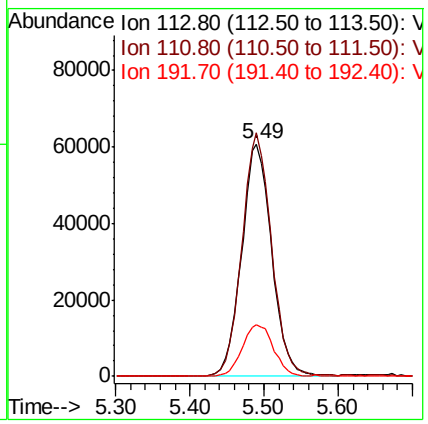


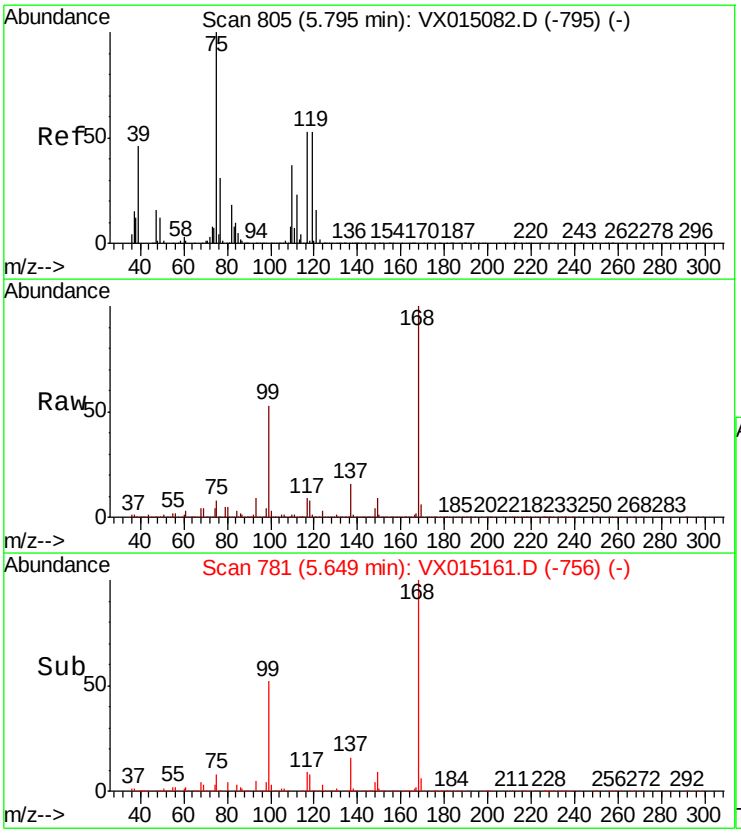
#35
Dibromofluoromethane
Concen: 48.824 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion:113 Resp: 172616

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	23.3	18.6	28.0

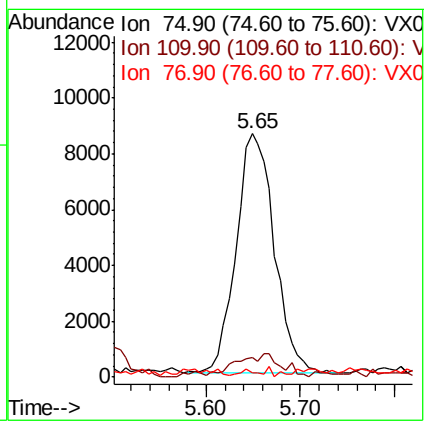


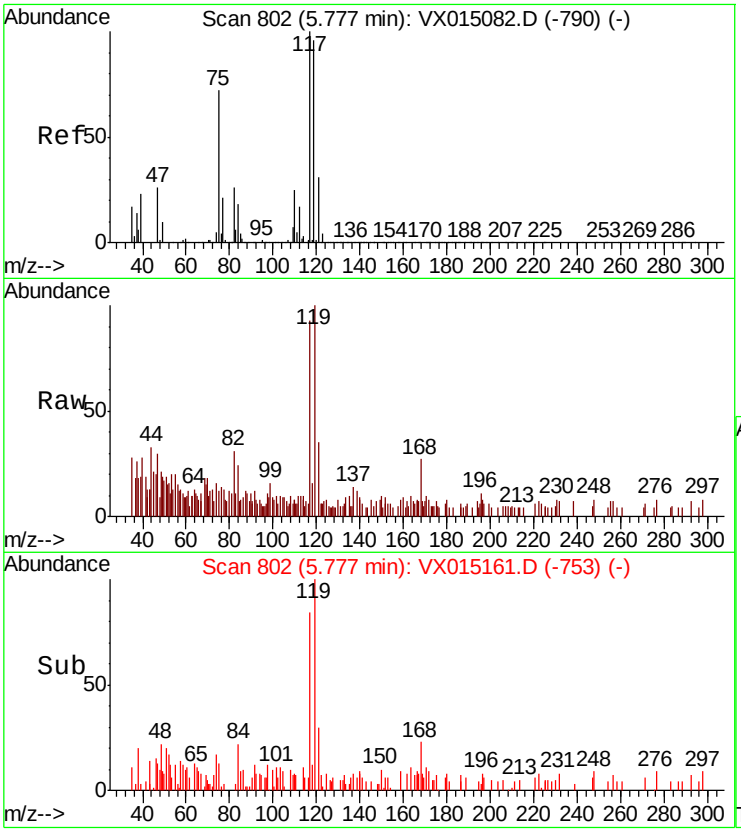


#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 75 Resp: 24150

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.8#
77	0.9	24.8	37.2#



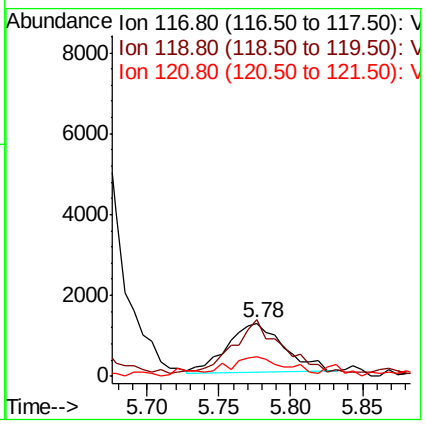


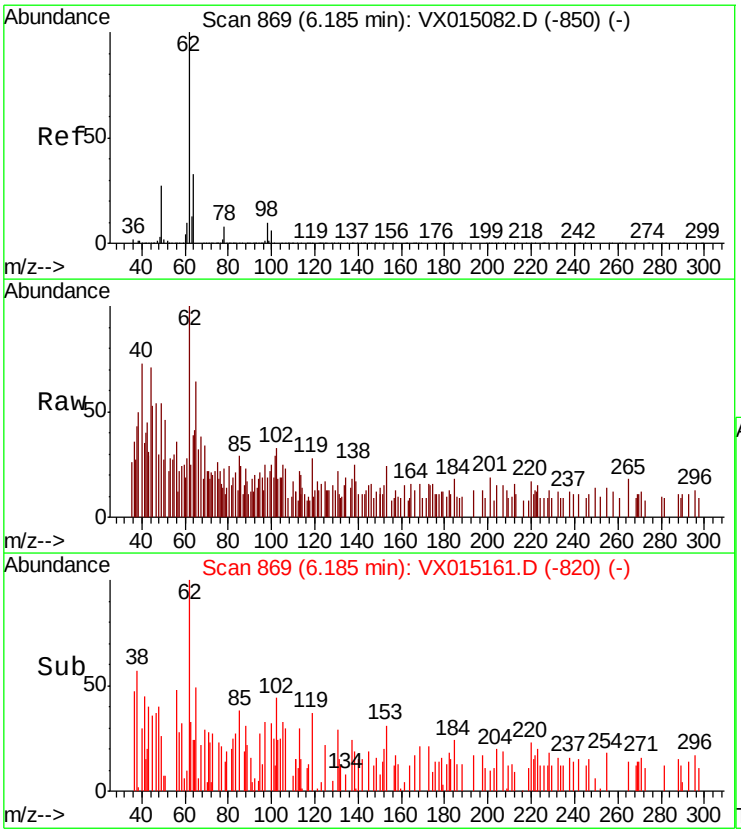
#38
Carbon Tetrachloride
Concen: 0.680 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion:117 Resp: 3324

Ion	Ratio	Lower	Upper
117	100		
119	107.5	76.9	115.3
121	29.2	24.6	37.0

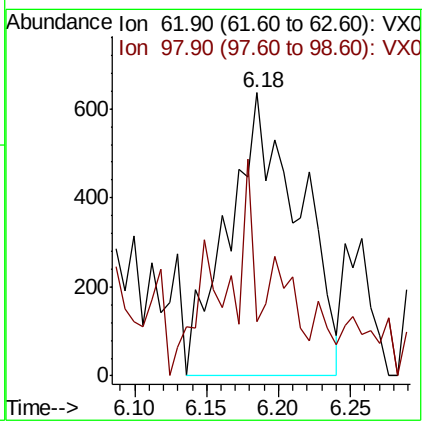


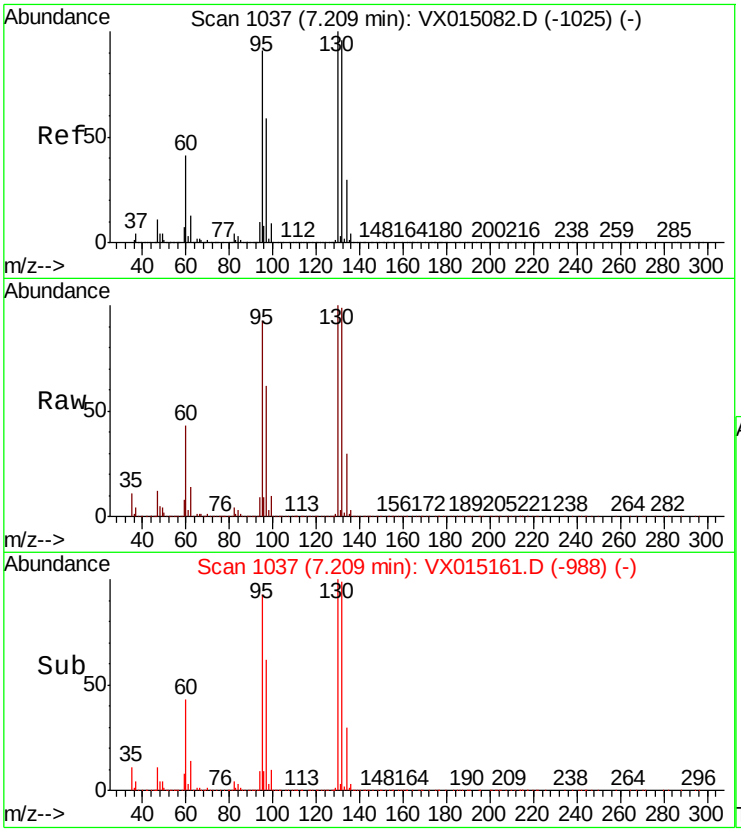


#42
1,2-Dichloroethane
Concen: 0.411 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 62 Resp: 2168

Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	20.6



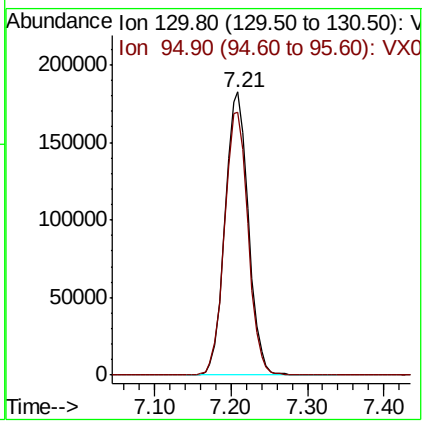


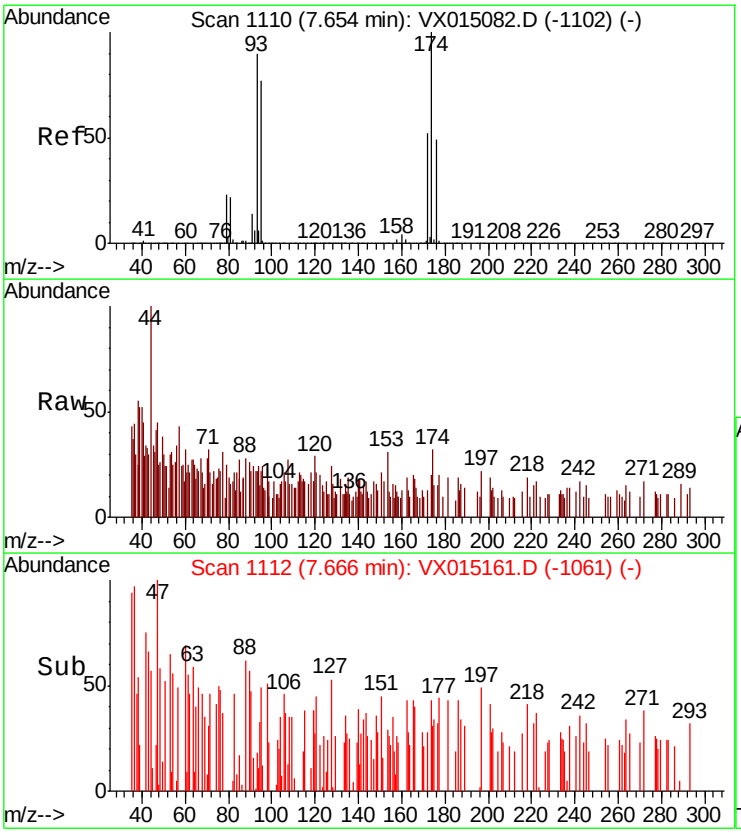
#44
Trichloroethene
Concen: 89.903 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion:130 Resp: 384840

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	181.2

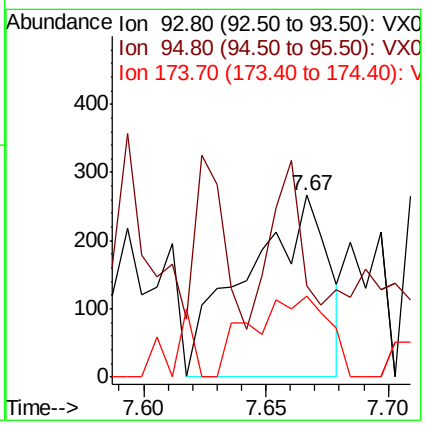


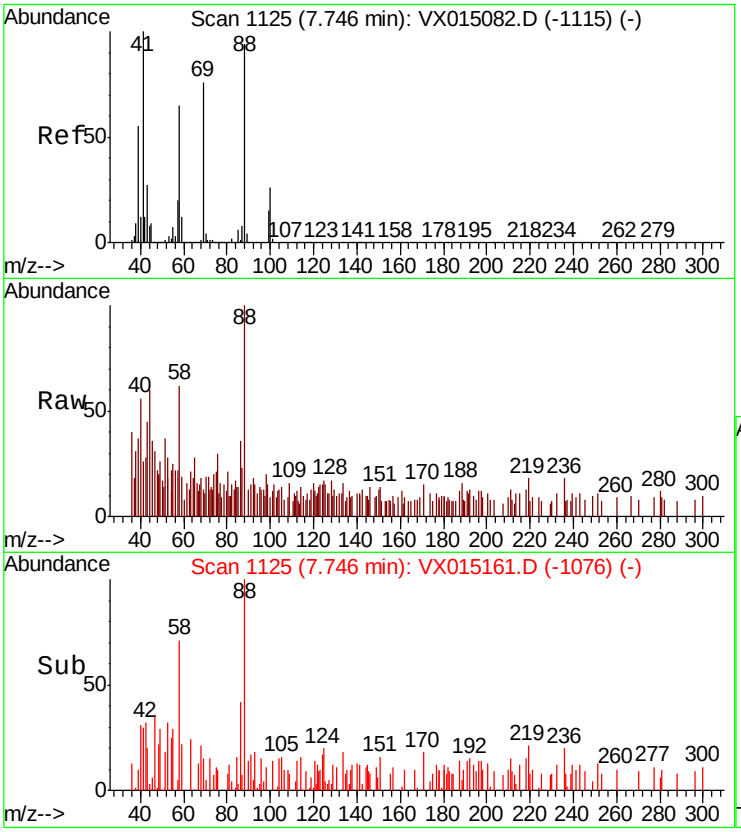


#46
Dibromomethane
Concen: 0.238 ug/l
RT: 7.67 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 93 Resp: 616

Ion	Ratio	Lower	Upper
93	100		
95	36.2	67.8	101.8#
174	42.7	91.0	136.4#



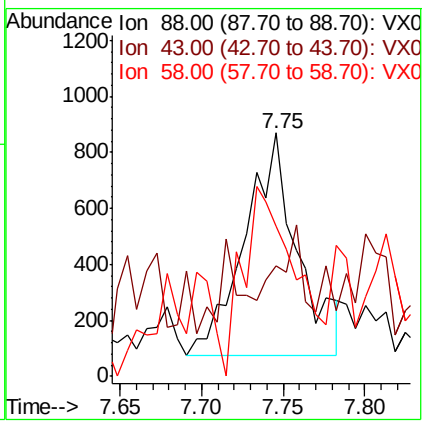


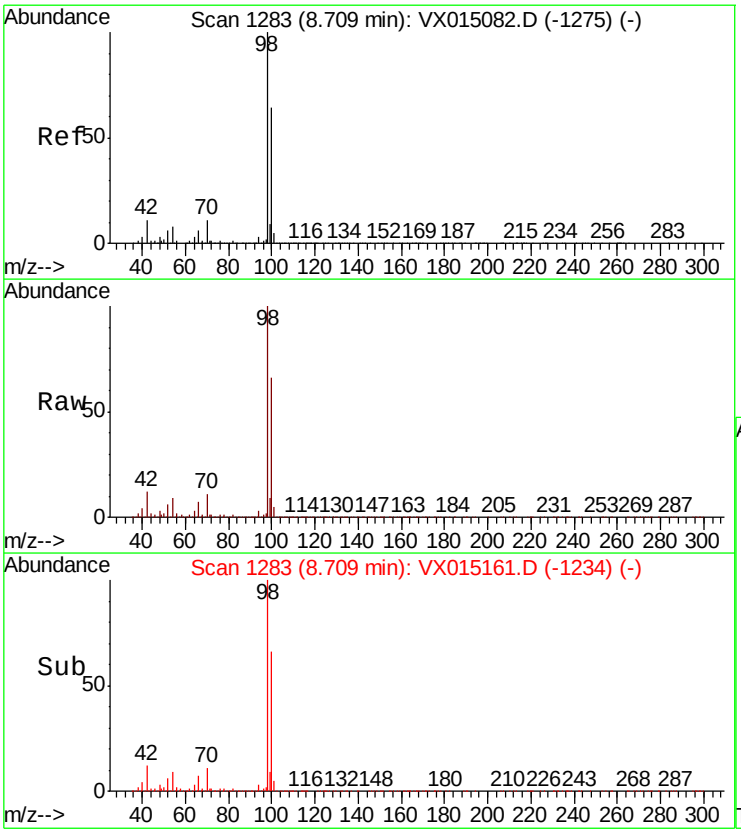
#49
1,4-Dioxane
Concen: 19.273 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 88 Resp: 1793

Ion	Ratio	Lower	Upper
88	100		
43	17.4	27.0	40.4#
58	0.0	55.6	83.4#

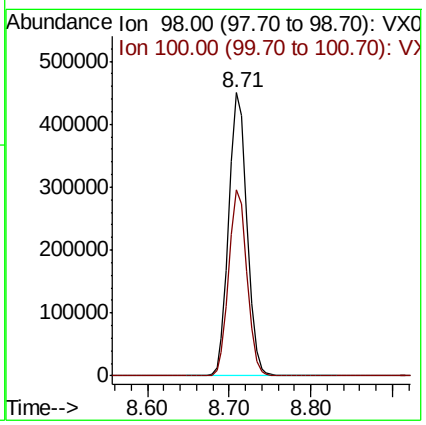


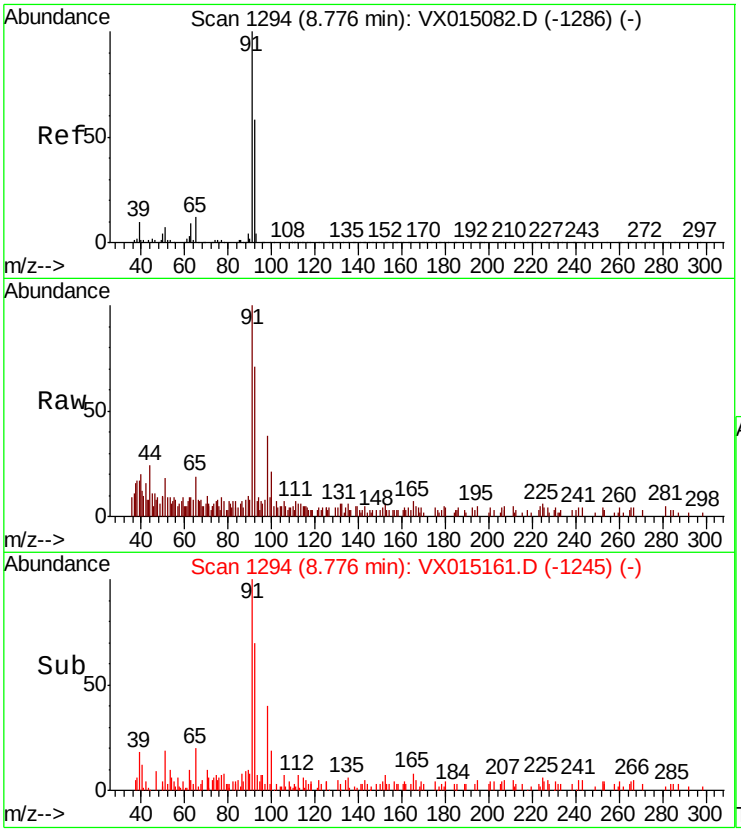


#50
Toluene-d8
Concen: 51.131 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 98 Resp: 687627

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6



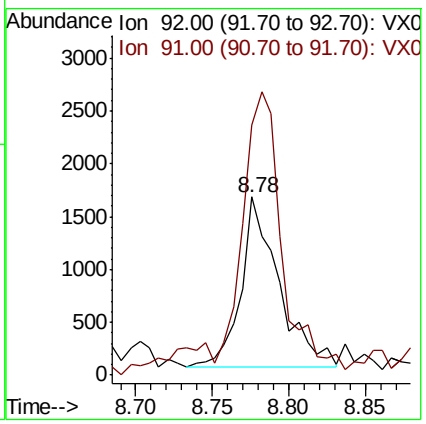


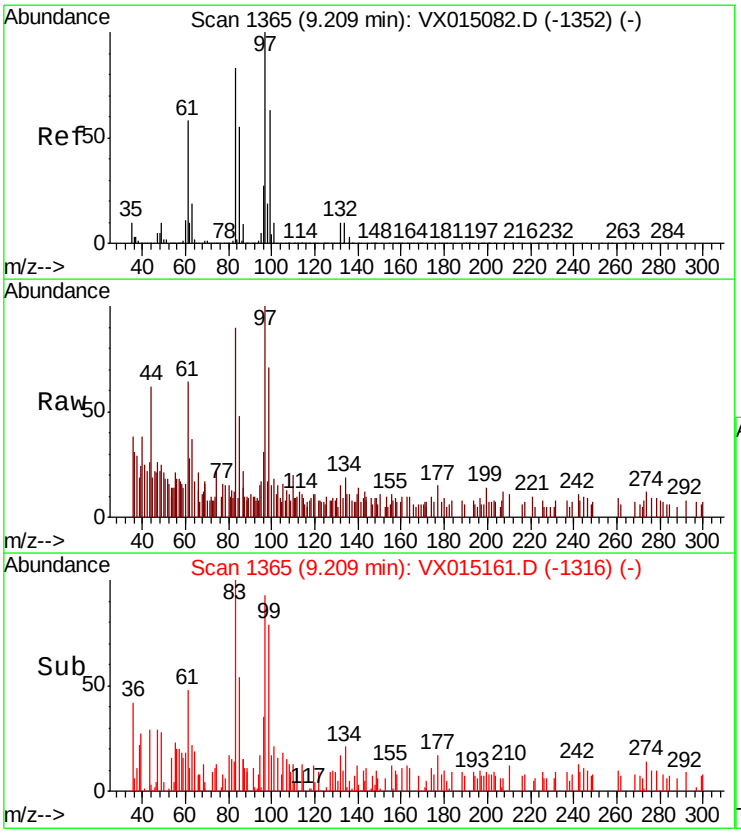
#52
Toluene
Concen: 0.293 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 92 Resp: 2749

Ion	Ratio	Lower	Upper
92	100		
91	165.6	136.9	205.3

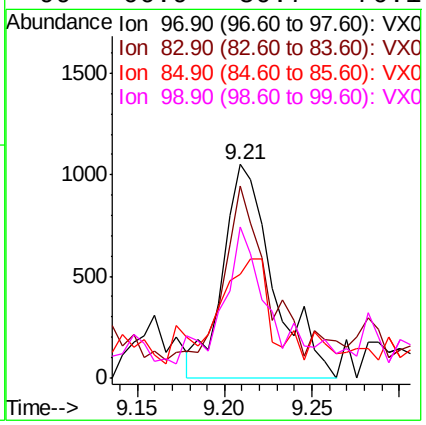


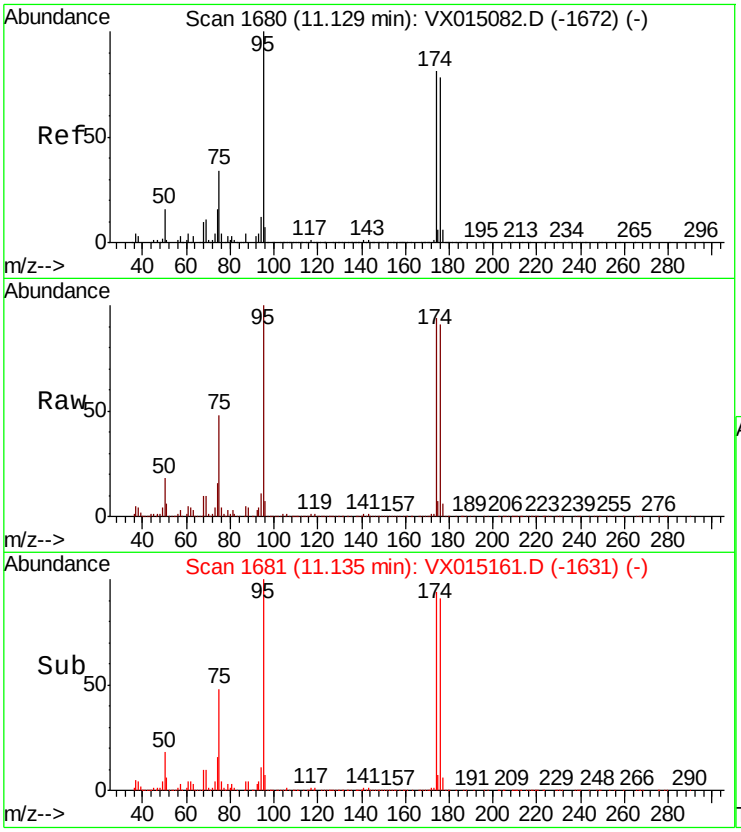


#55
1,1,2-Trichloroethane
Concen: 0.545 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 97 Resp: 2108

Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	41.5	43.5	65.3#
99	66.9	50.7	76.1



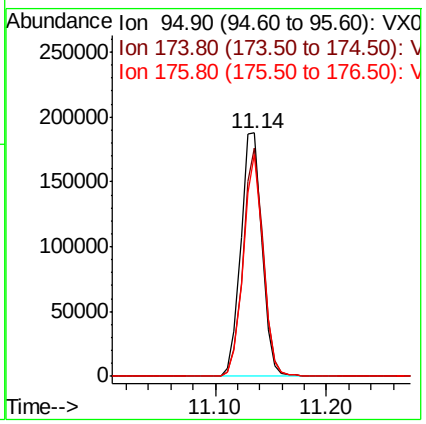


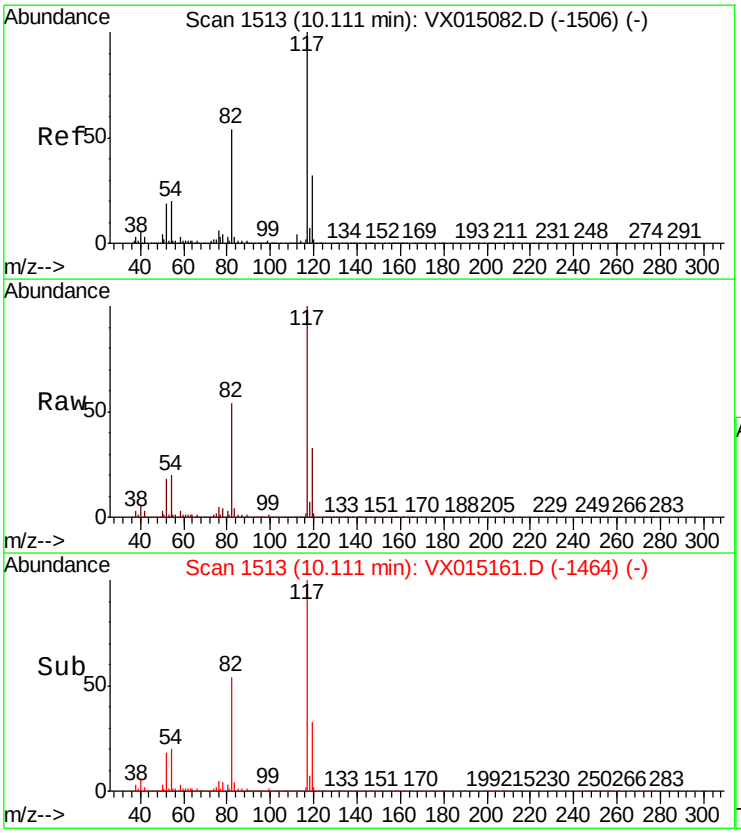
#62
4-Bromofluorobenzene
Concen: 51.726 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 95 Resp: 248125

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	177.6
176	84.9	0.0	170.2

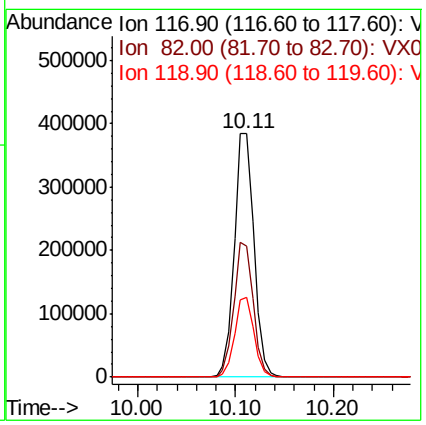


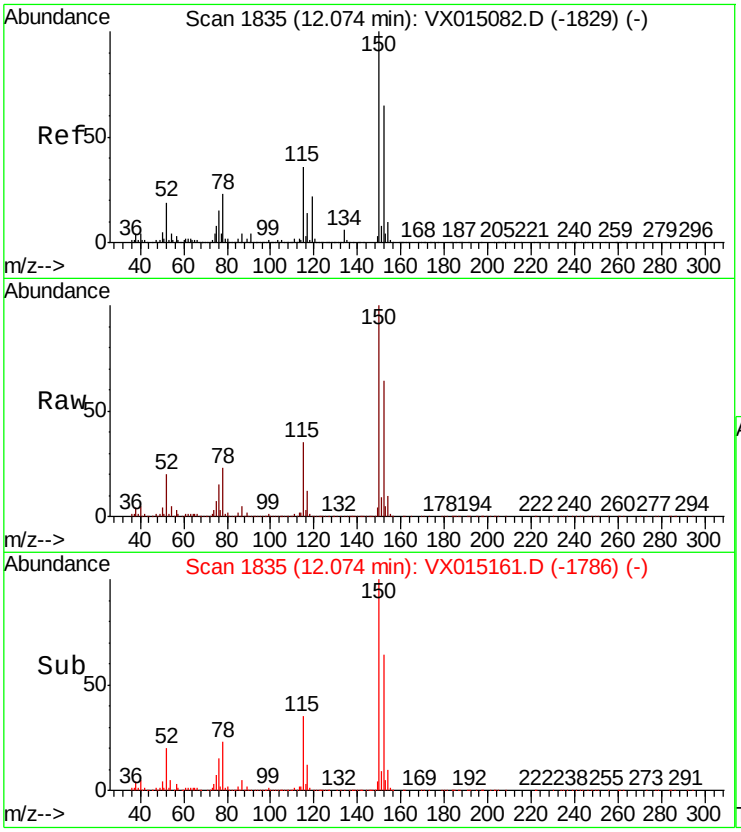


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion:117 Resp: 537278

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.3	64.9
119	32.6	25.8	38.8



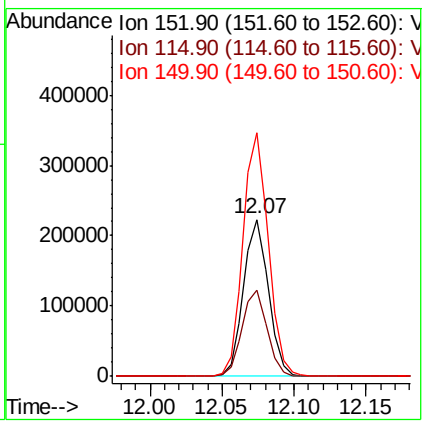


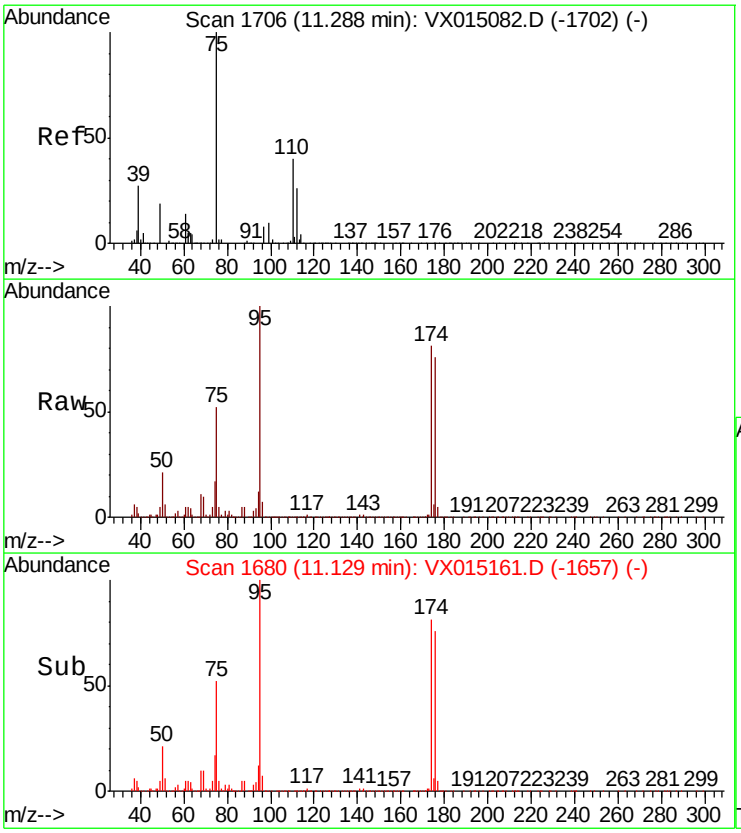
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion:152 Resp: 266555

Ion	Ratio	Lower	Upper
152	100		
115	55.7	38.2	114.6
150	156.9	0.0	343.8

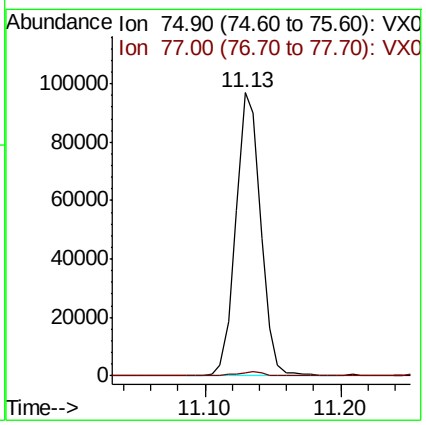


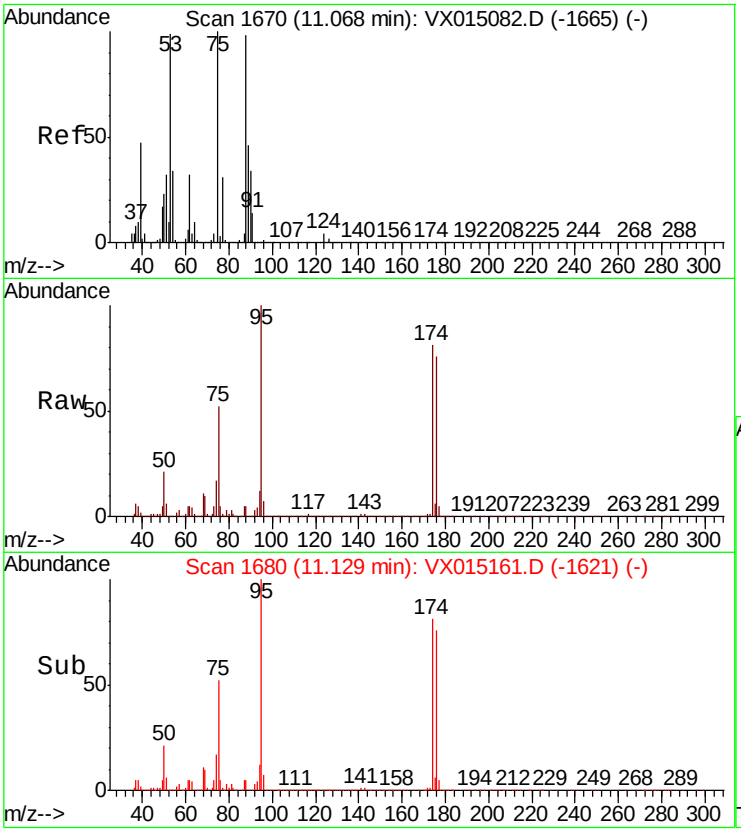


#76
1,2,3-Trichloropropane
Concen: 23.095 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion: 75 Resp: 122798

Ion	Ratio	Lower	Upper
75	100		
77	1.9	22.6	67.8#



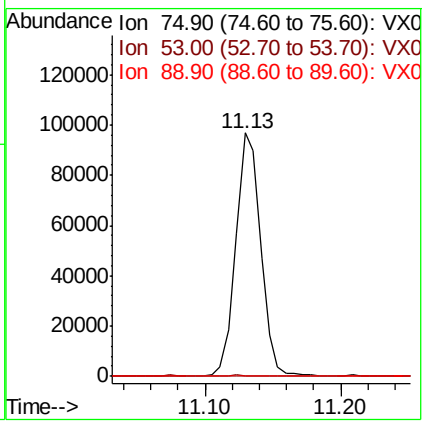


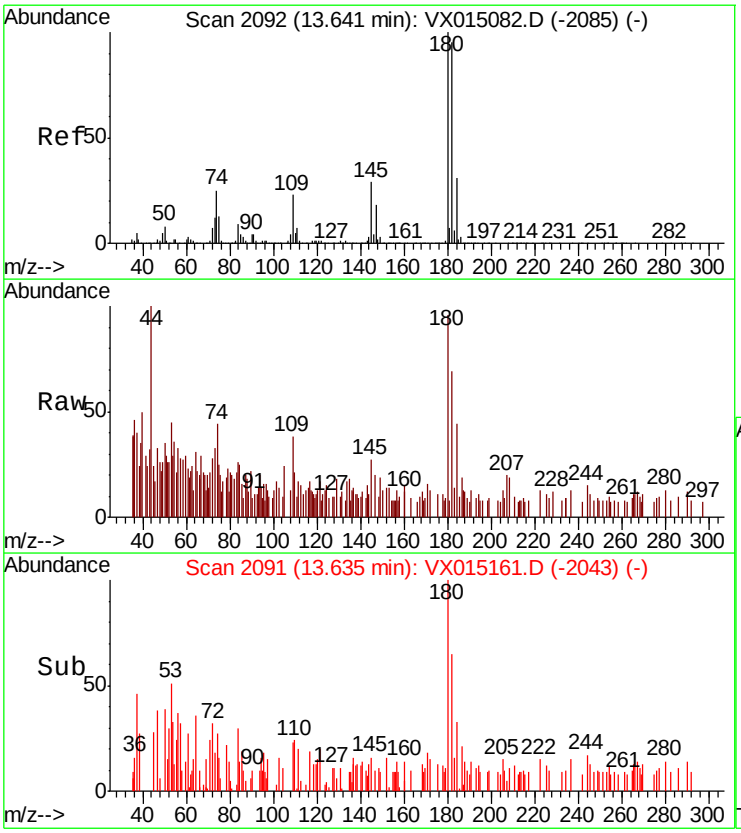
#81
trans-1,4-Dichloro-2-butene
Concen: 65.545 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion: 75 Resp: 122798

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.9	116.9#
89	0.1	36.2	54.2#

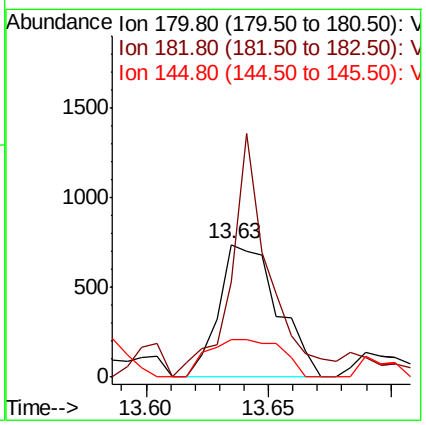


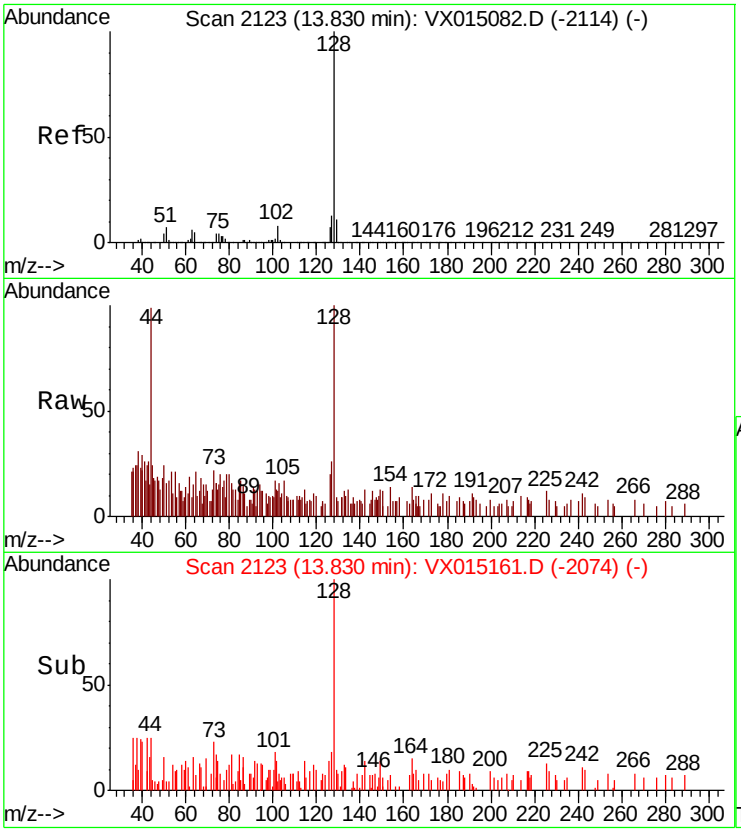


#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.63 min Scan# 2091
Delta R.T. -0.01 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Tgt Ion:180 Resp: 1239

Ion	Ratio	Lower	Upper
180	100		
182	119.1	47.6	142.8
145	35.8	14.1	42.2





#95
Naphthalene
Concen: 1.492 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015161.D
Acq: 10 Mar 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200304

Tgt Ion:128 Resp: 1318

Ion	Ratio	Lower	Upper
128	100		
127	22.8	10.3	15.5#
129	36.6	8.6	13.0#