Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014063.D
Acq On : 17 Dec 2019 19:42
Operator : JC/SP
Sample : K6251-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D1-20191209

Quant Time: Dec 18 07:16:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	553916	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	863581	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	769575	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318536	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	313545	49.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.88%				
35) Dibromofluoromethane	5.49	113	257355	49.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.04%				
50) Toluene-d8	8.71	98	1010705	49.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.90%				
62) 4-Bromofluorobenzene	11.13	95	331162	44.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	2783	0.562	ug/l		98
3) Chloromethane	1.32	50	1545	0.232	ug/l		95
6) Chloroethane	1.66	64	1359	0.314	ug/l	#	45
7) Trichlorofluoromethane	1.93	101	3313	0.381	ug/l	#	76
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30454	5.816	ug/l		96
10) Methyl Iodide	2.52	142	481	2.687	ug/l	#	64
11) Tert butyl alcohol	3.03	59	874	0.644	ug/l	#	1
12) 1,1-Dichloroethene	2.36	96	7024	1.318	ug/l		83
13) Acrolein	2.28	56	548	0.706	ug/l		89
15) Acrylonitrile	3.13	53	670	0.212	ug/l	#	21
16) Acetone	2.43	43	6733	1.652	ug/l	#	87
17) Carbon Disulfide	2.56	76	1218	0.831	ug/l	#	75
19) Methyl tert-butyl Ether	3.19	73	22274	1.272	ug/l		91
22) Diisopropyl ether	3.84	45	13012	0.686	ug/l	#	73
23) Vinyl Acetate	3.84	43	6597	0.426	ug/l	#	72
24) 1,1-Dichloroethane	3.69	63	7678	0.728	ug/l		98
25) 2-Butanone	4.69	43	2060	0.410	ug/l	#	49
27) cis-1,2-Dichloroethene	4.59	96	13998	2.108	ug/l		84
28) Bromochloromethane	5.00	49	233	0.511	ug/l	#	59
30) Chloroform	5.20	83	20097	2.010	ug/l		97
36) 1,1-Dichloropropene	5.65	75	36510	4.608	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	48479	6.716	ug/l	#	16
42) 1,2-Dichloroethane	6.20	62	3146	0.381	ug/l		91
44) Trichloroethene	7.20	130	739683	109.840	ug/l		96
49) 1,4-Dioxane	7.74	88	1762	12.210	ug/l	#	68
55) 1,1,2-Trichloroethane	9.21	97	1341	0.217	ug/l	#	52
64) Tetrachloroethene	9.33	164	19905	2.923	ug/l		94
76) 1,2,3-Trichloropropane	11.13	75	163295	23.613	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	163295	66.649	ug/l	#	12

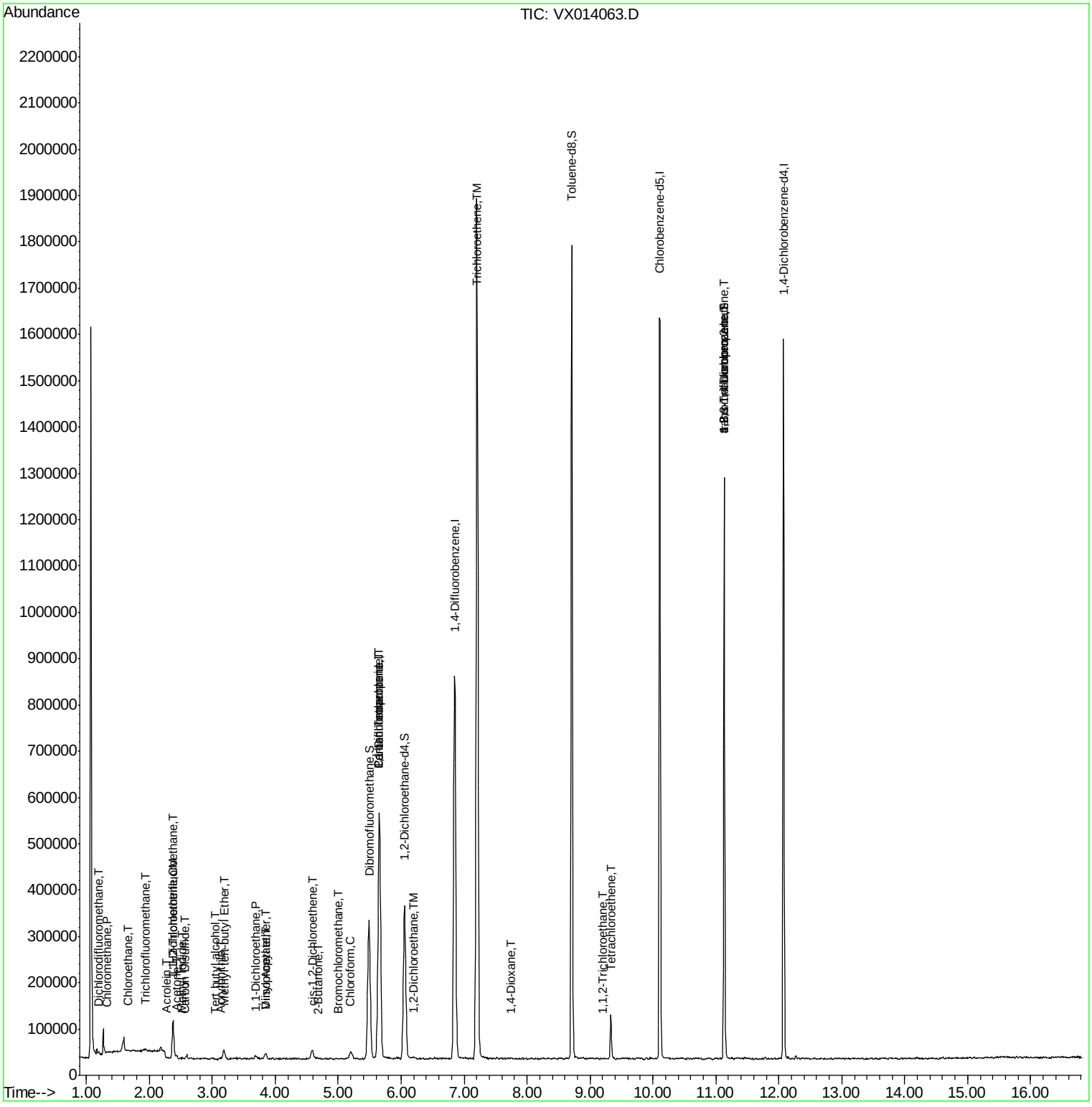
(#) = qualifier out of range (m) = manual integration (+) = signals summed

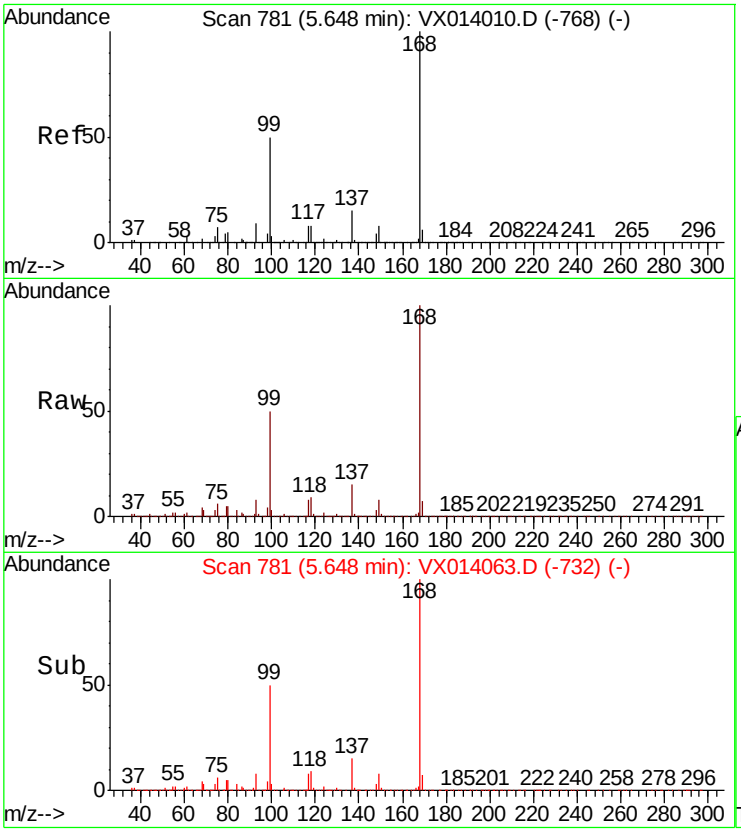
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014063.D
Acq On : 17 Dec 2019 19:42
Operator : JC/SP
Sample : K6251-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Quant Time: Dec 18 07:16:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

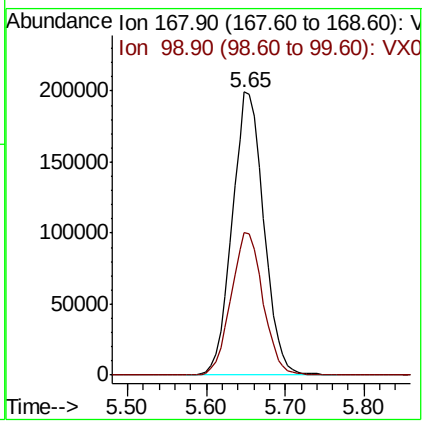




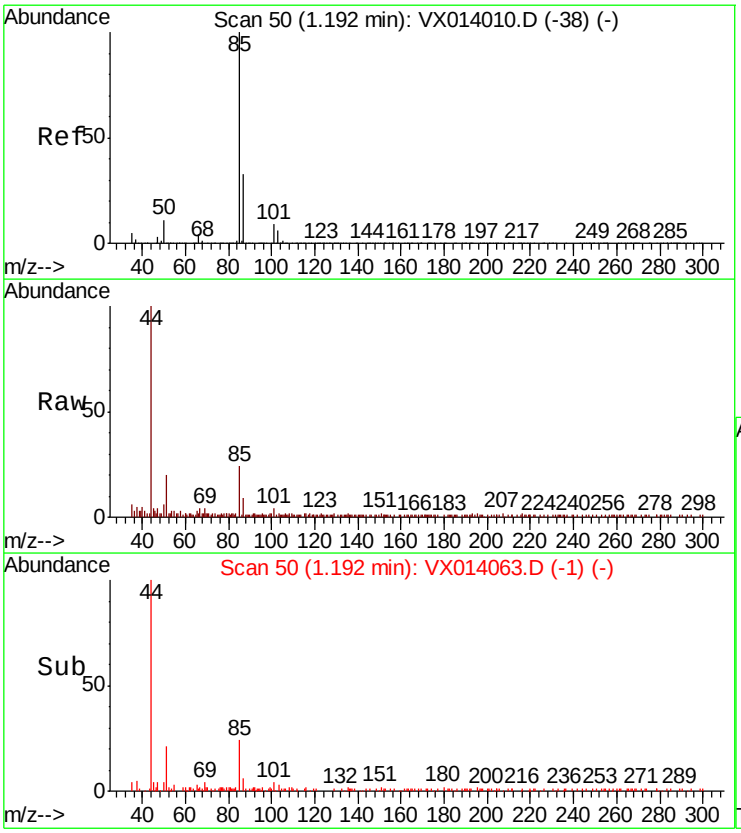
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion:168 Resp: 553916

Ion	Ratio	Lower	Upper
168	100		
99	50.1	40.3	60.5



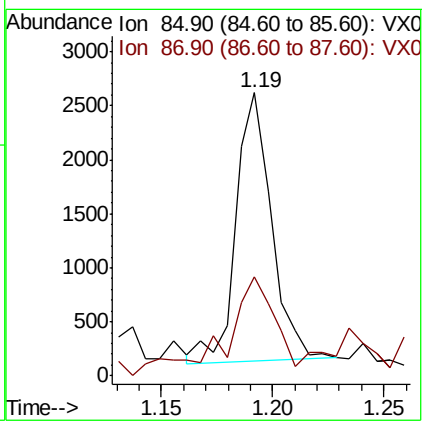
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

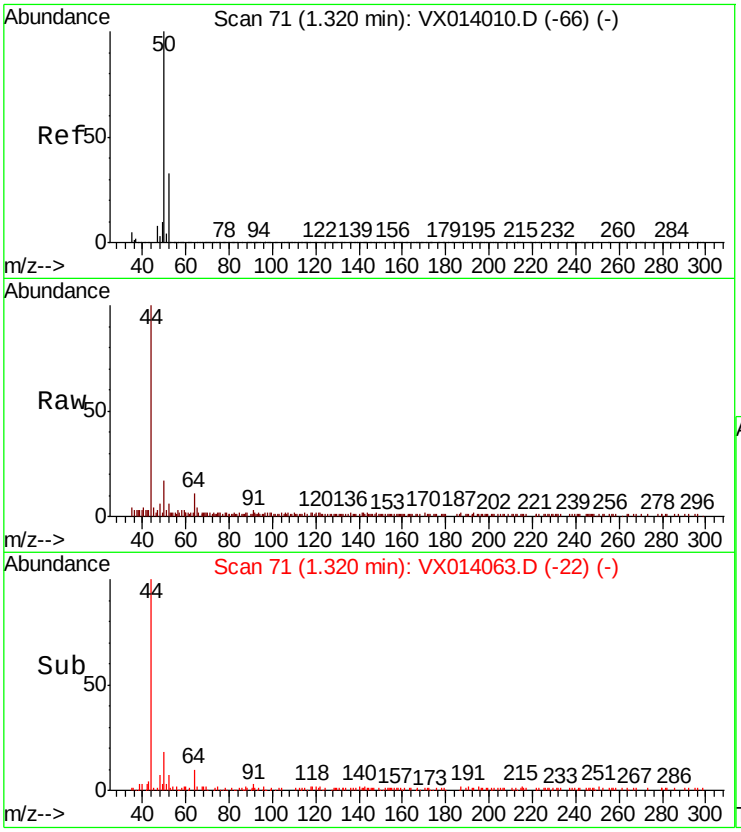


#2
Dichlorodifluoromethane
Concen: 0.562 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 85 Resp: 2783

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.4	49.2



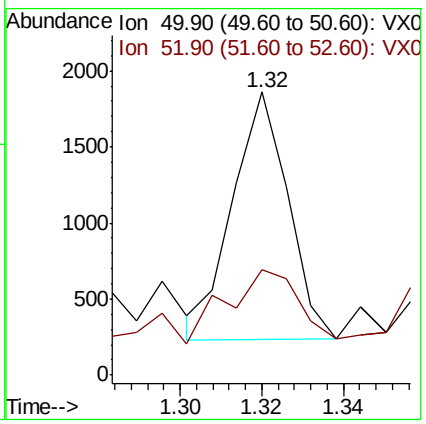


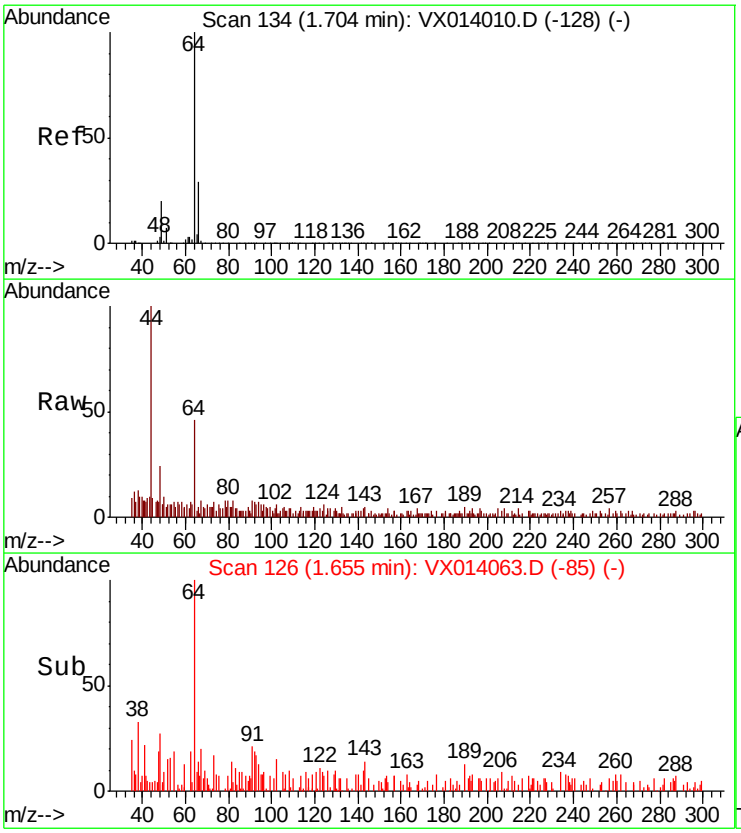
#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 50 Resp: 1545

Ion	Ratio	Lower	Upper
50	100		
52	30.0	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

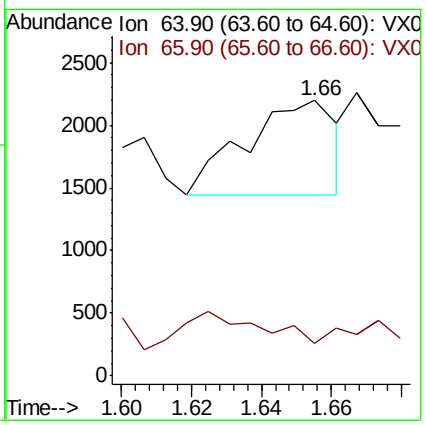


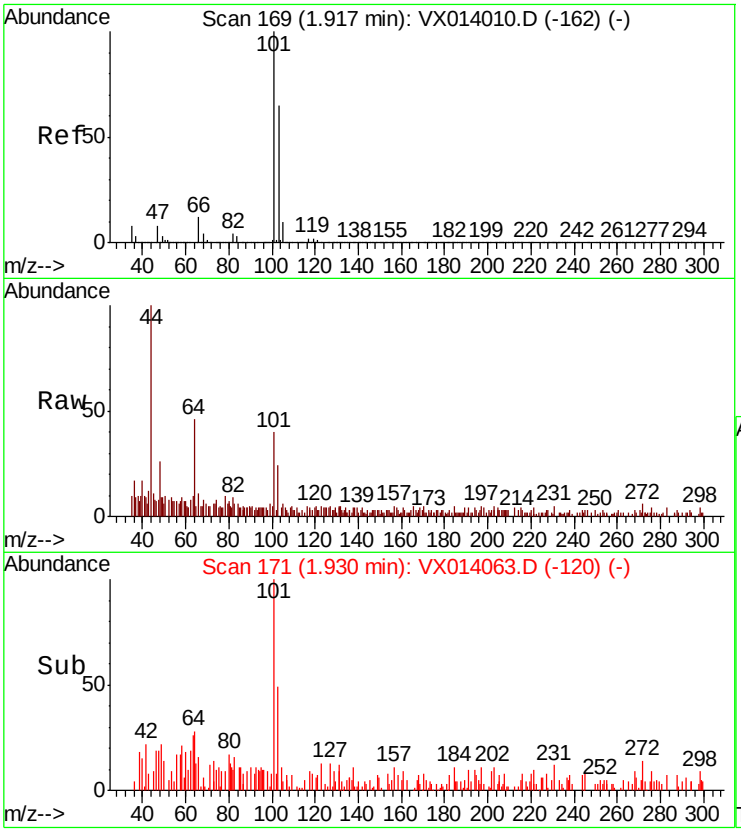


#6
Chloroethane
Concen: 0.314 ug/l
RT: 1.66 min Scan# 126
Delta R.T. -0.05 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 64 Resp: 1359

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.2#



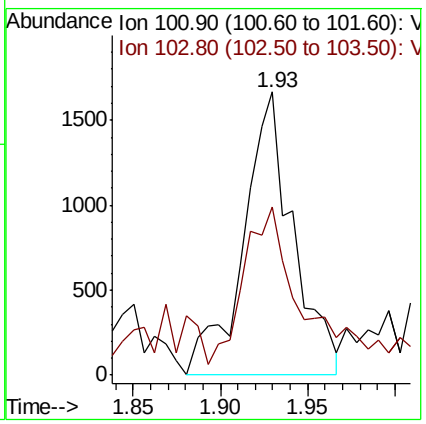


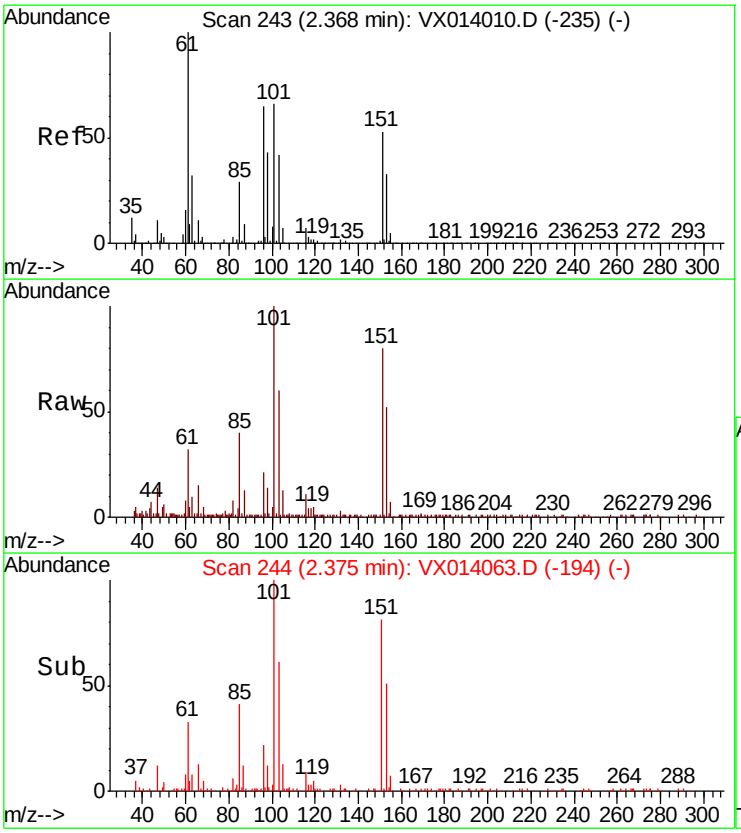
#7
Trichlorofluoromethane
Concen: 0.381 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion:101 Resp: 3313

Ion	Ratio	Lower	Upper
101	100		
103	46.5	52.2	78.4#

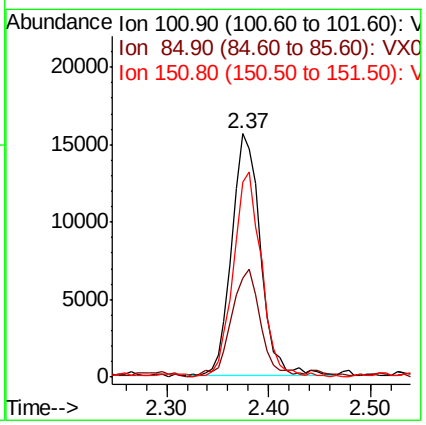


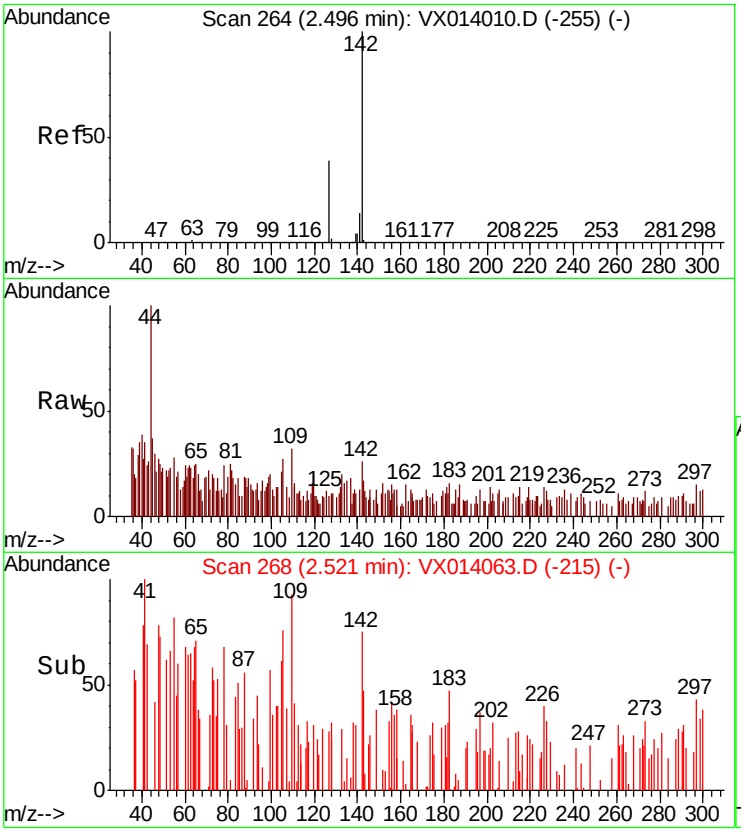


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.816 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion:101 Resp: 30454

Ion	Ratio	Lower	Upper
101	100		
85	45.4	33.7	50.5
151	82.9	64.5	96.7



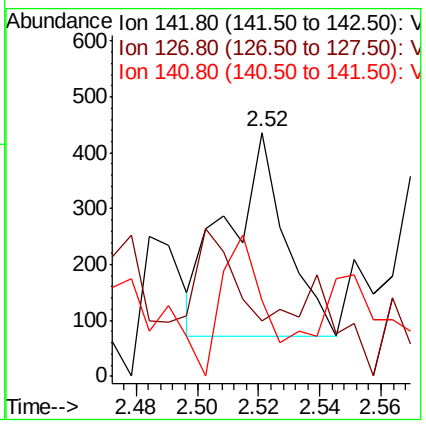


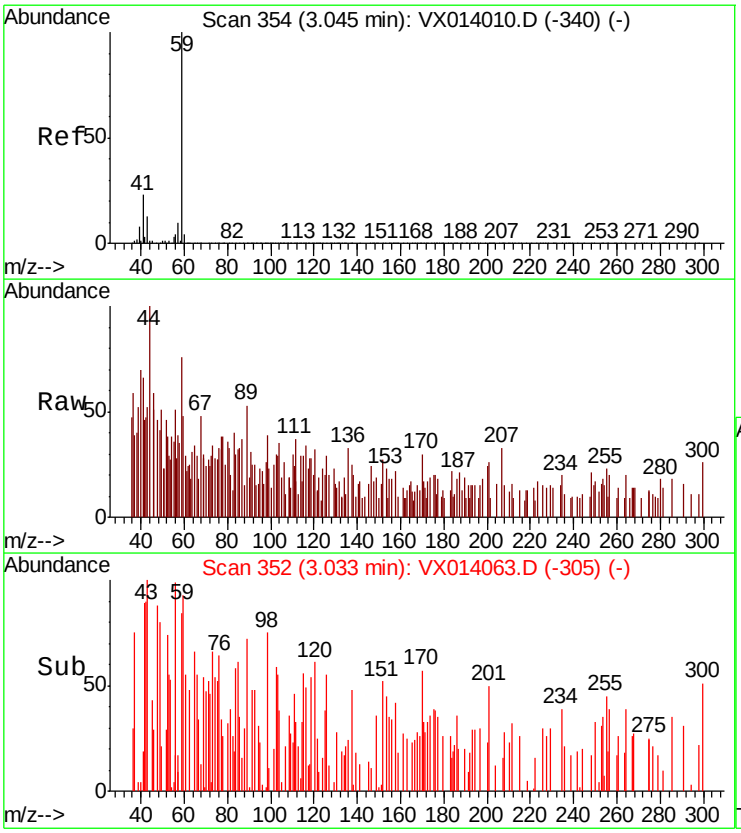
#10
Methyl Iodide
Concen: 2.687 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.02 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument : MSVOA_X
ClientSampleId : RE132D1-20191209

Tgt Ion:142 Resp: 481

Ion	Ratio	Lower	Upper
142	100		
127	27.9	31.6	47.4#
141	48.4	11.6	17.4#

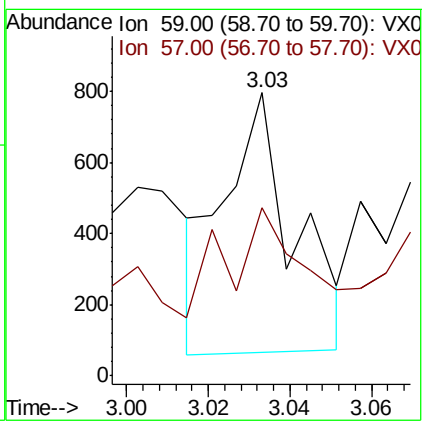


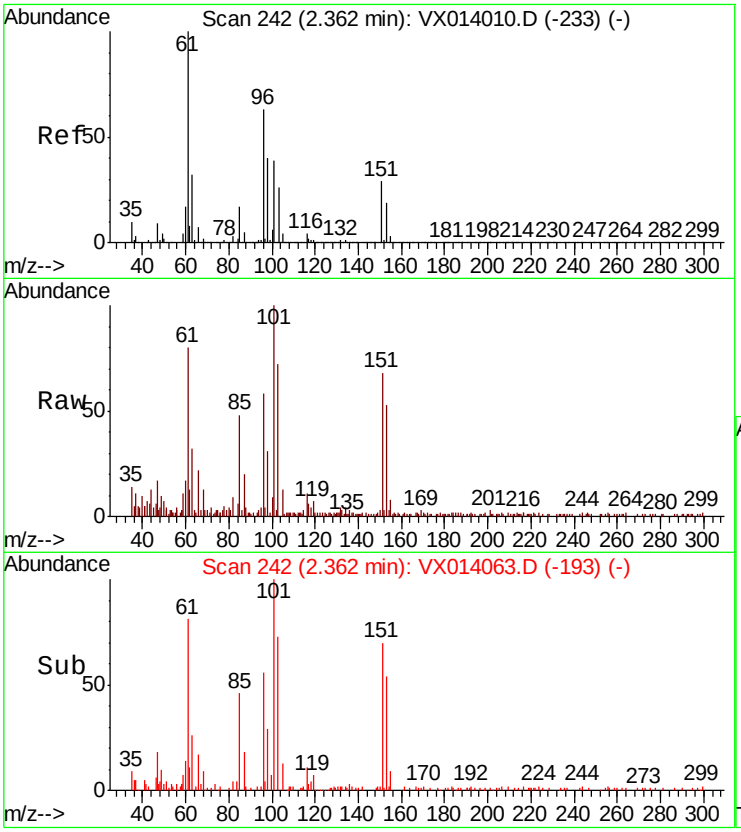


#11
Tert butyl alcohol
Concen: 0.644 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 59 Resp: 874

Ion	Ratio	Lower	Upper
59	100		
57	70.5	8.4	12.6#



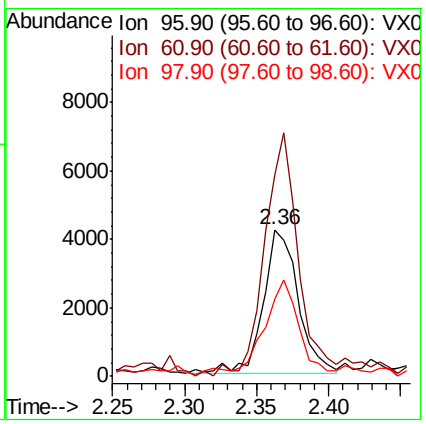


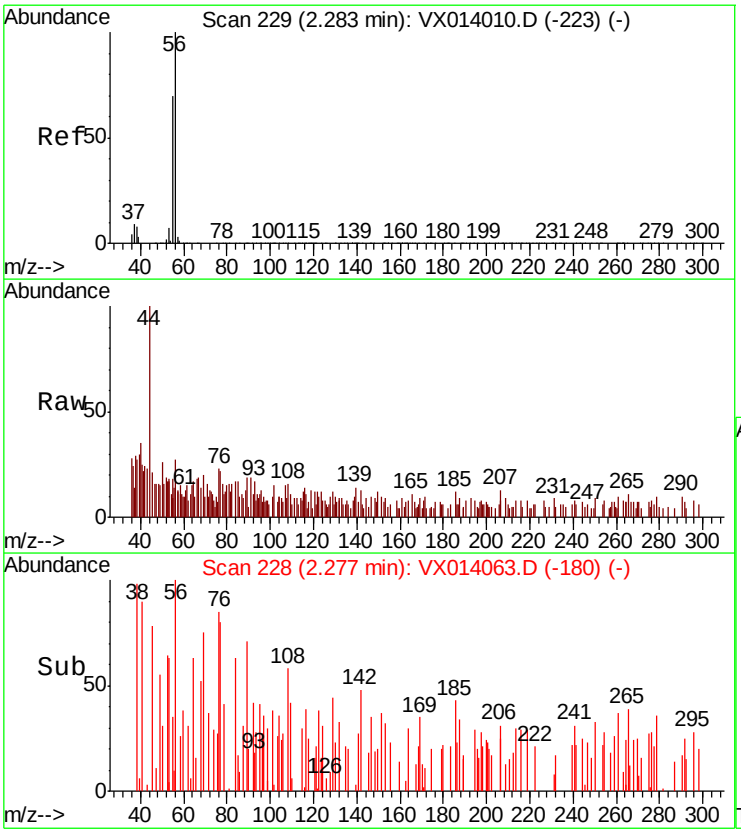
#12
1,1-Dichloroethene
Concen: 1.318 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 96 Resp: 7024

Ion	Ratio	Lower	Upper
96	100		
61	136.9	127.9	191.9
98	51.6	50.5	75.7

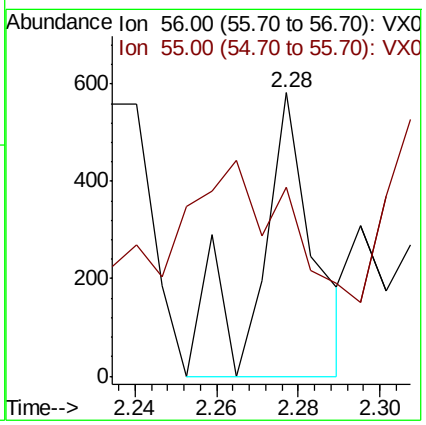


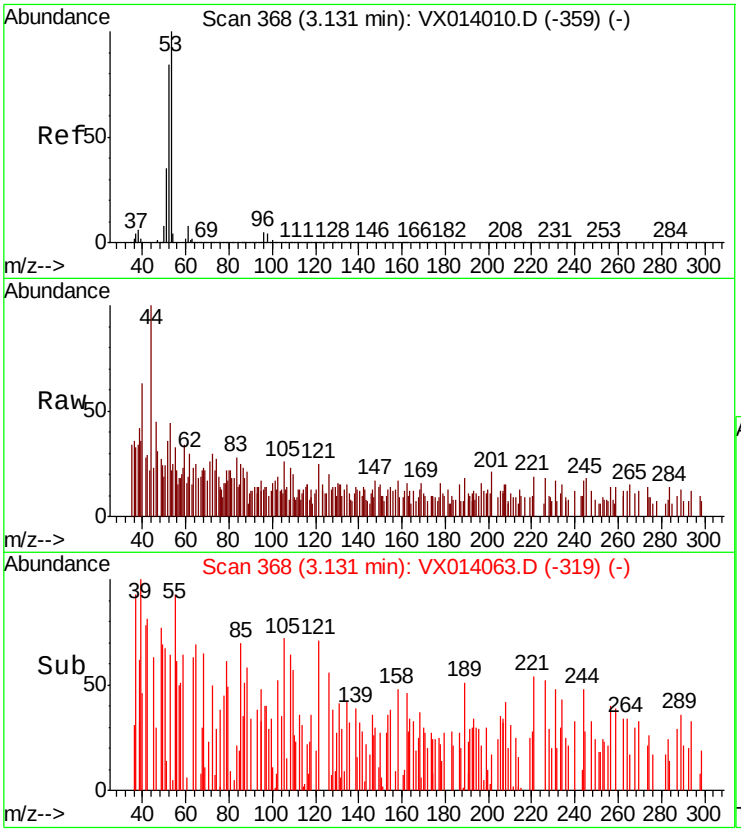


#13
Acrolein
Concen: 0.706 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 56 Resp: 548

Ion	Ratio	Lower	Upper
56	100		
55	80.1	56.9	85.3



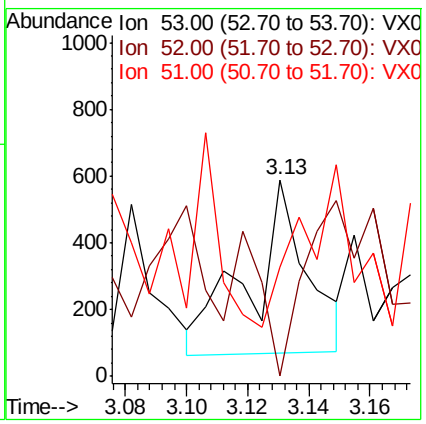


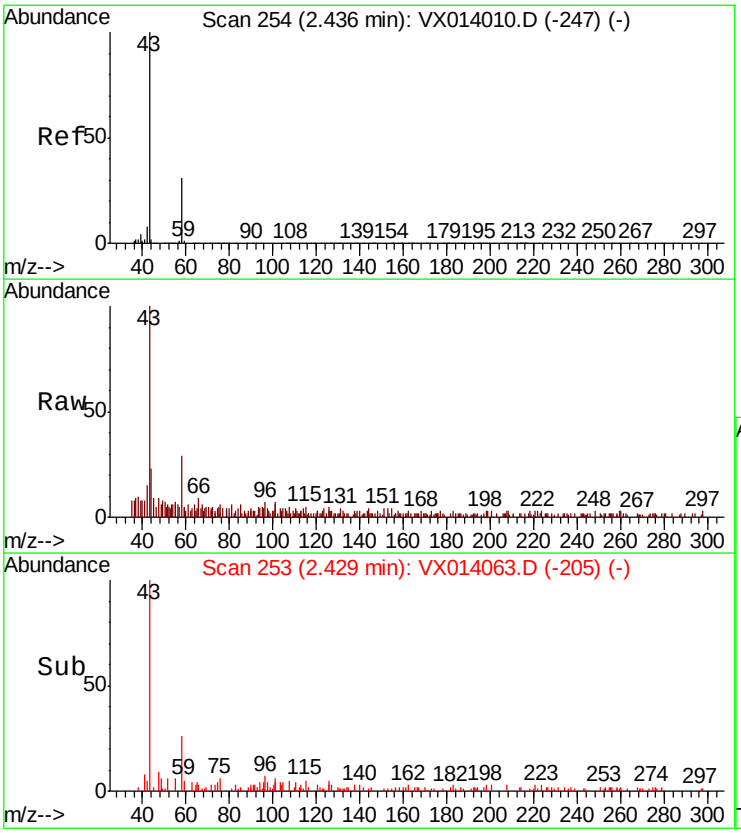
#15
Acrylonitrile
Concen: 0.212 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument : MSVOA_X
ClientSampleId : RE132D1-20191209

Tgt Ion: 53 Resp: 670

Ion	Ratio	Lower	Upper
53	100		
52	138.7	66.5	99.7#
51	104.8	28.1	42.1#

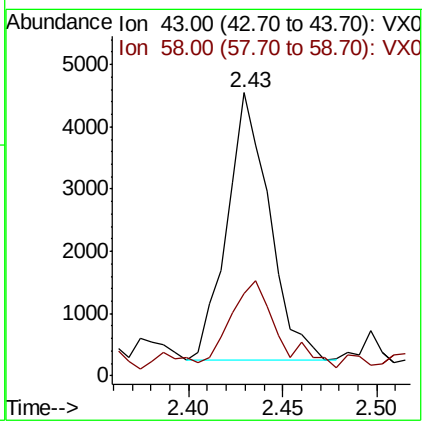


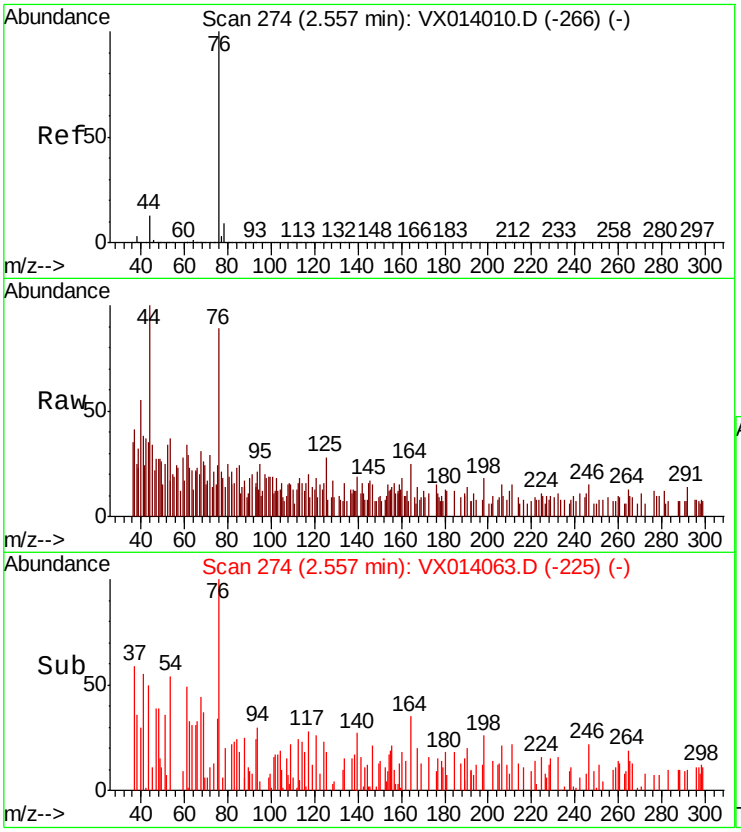


#16
Acetone
Concen: 1.652 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 43 Resp: 6733

Ion	Ratio	Lower	Upper
43	100		
58	23.9	24.9	37.3#



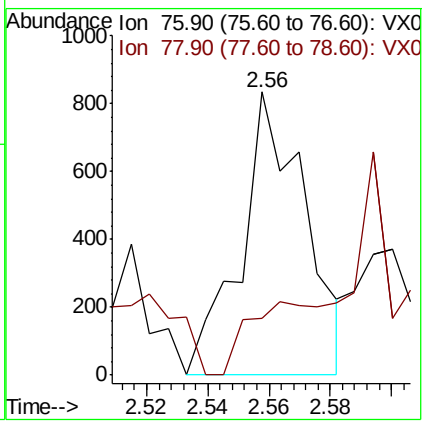


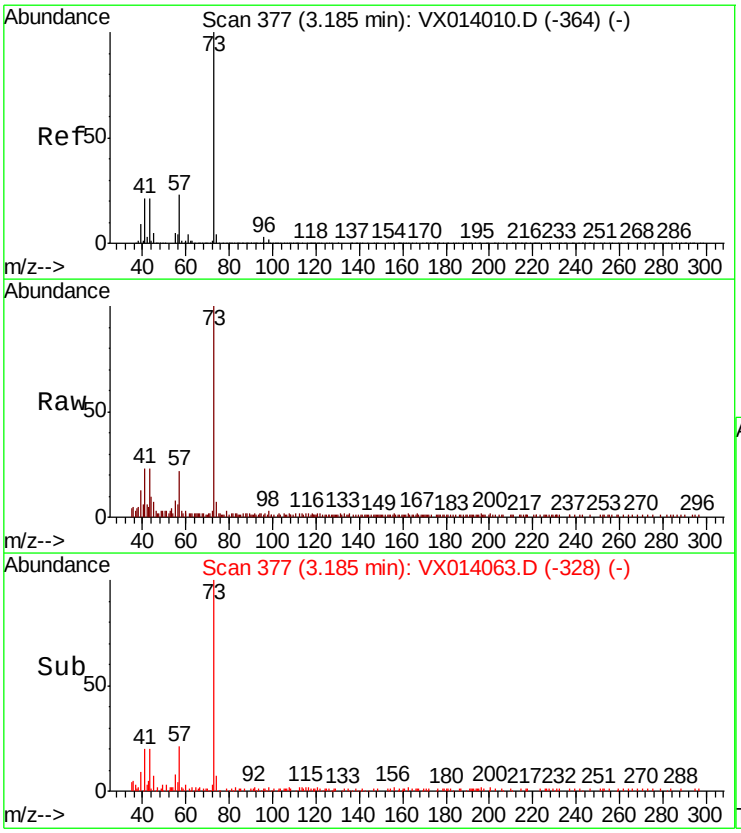
#17
Carbon Disulfide
Concen: 0.831 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 76 Resp: 1218

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

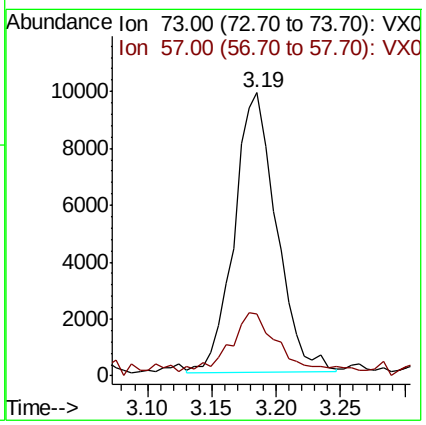


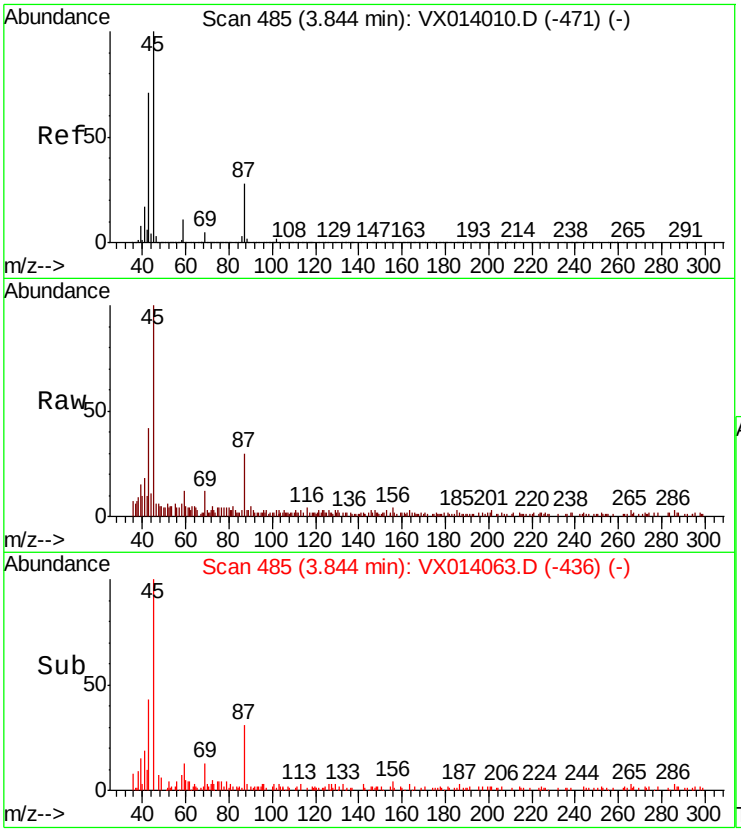


#19
Methyl tert-butyl Ether
Concen: 1.272 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 73 Resp: 22274

Ion	Ratio	Lower	Upper
73	100		
57	19.0	18.8	28.2



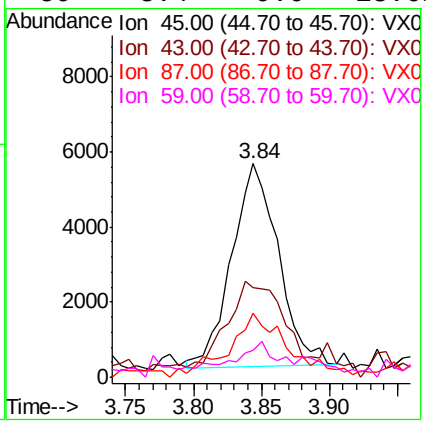


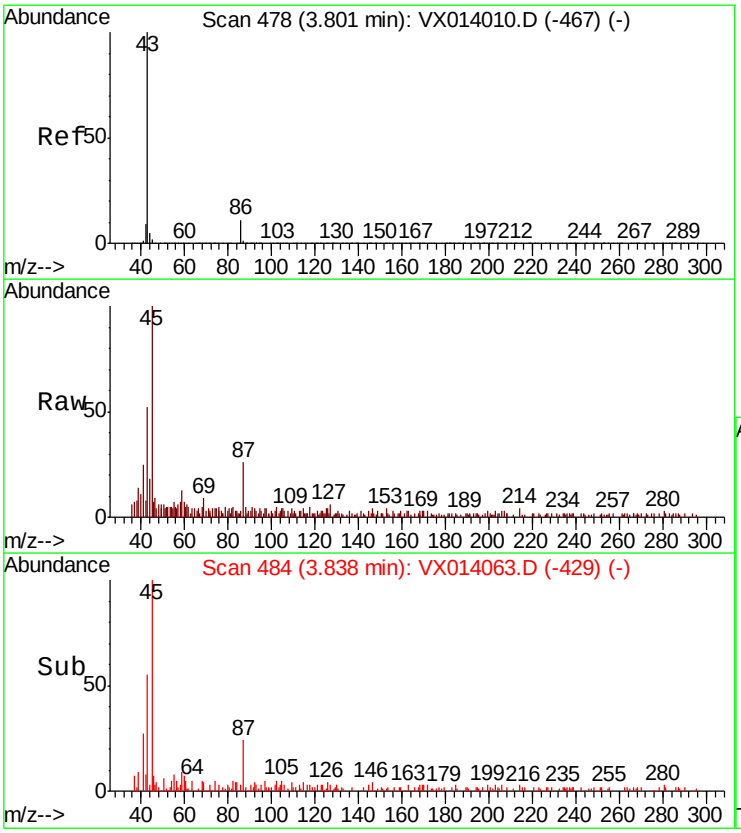
#22
Diisopropyl ether
Concen: 0.686 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument : MSVOA_X
ClientSampleId : RE132D1-20191209

Tgt Ion: 45 Resp: 13012

Ion	Ratio	Lower	Upper
45	100		
43	39.6	57.4	86.0#
87	29.9	21.9	32.9
59	8.4	9.0	13.6#

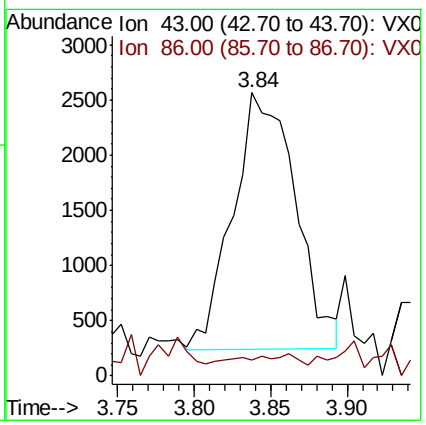


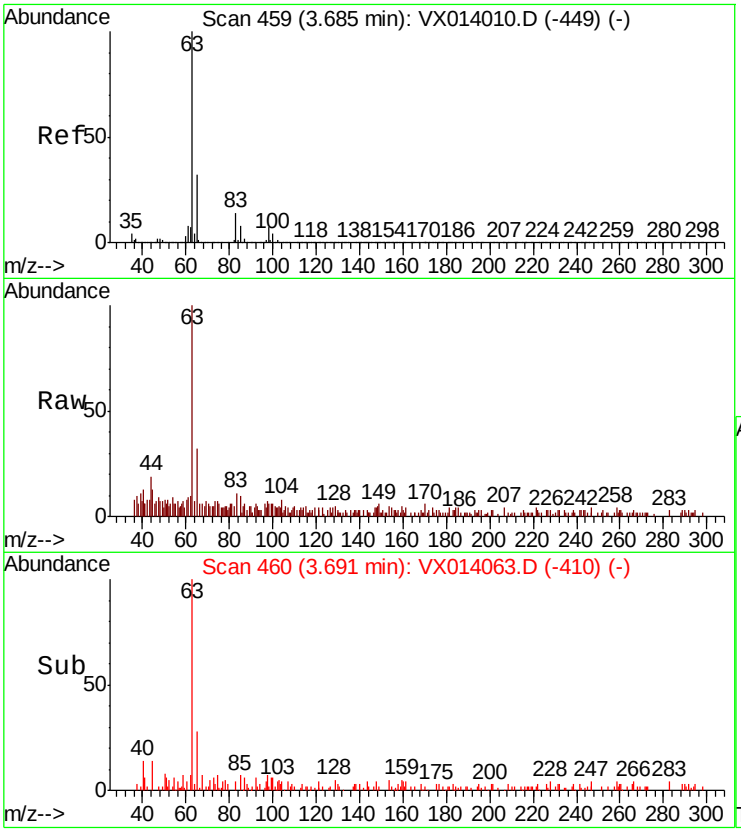


#23
Vinyl Acetate
Concen: 0.426 ug/l
RT: 3.84 min Scan# 484
Delta R.T. 0.04 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 43 Resp: 6597

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#



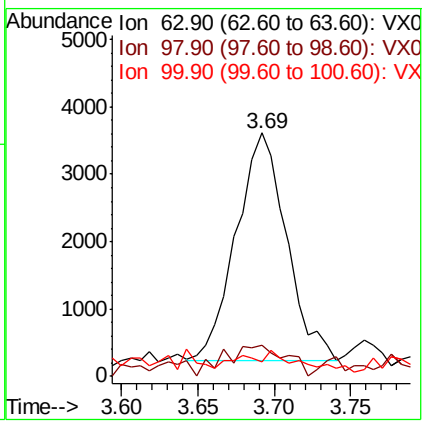


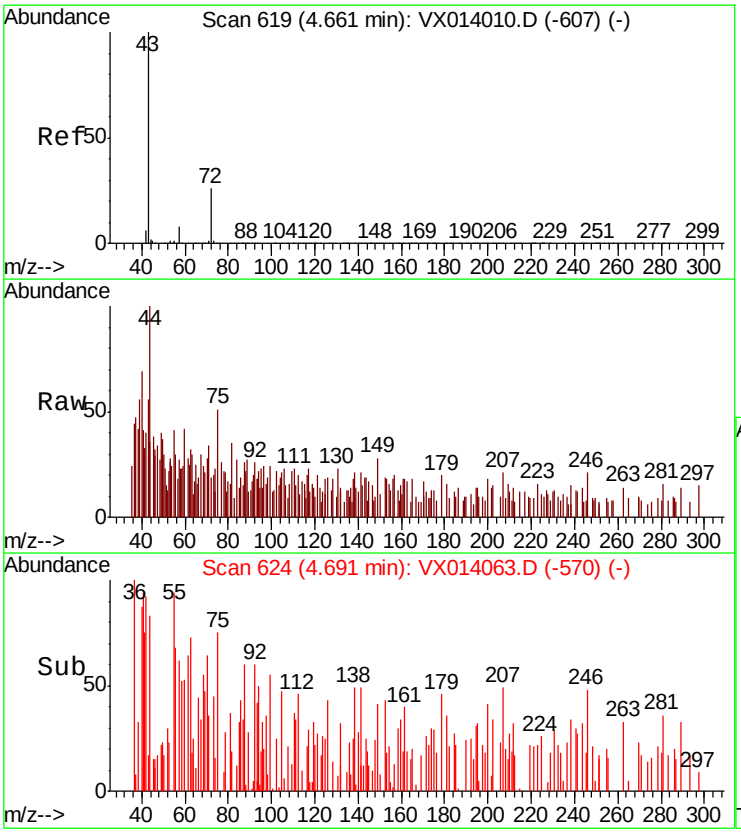
#24
1,1-Dichloroethane
Concen: 0.728 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 63 Resp: 7678

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.8
100	2.8	2.3	6.8

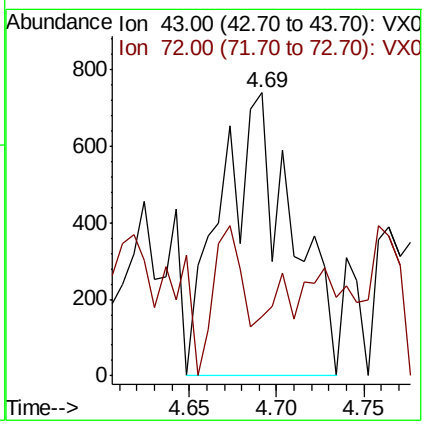


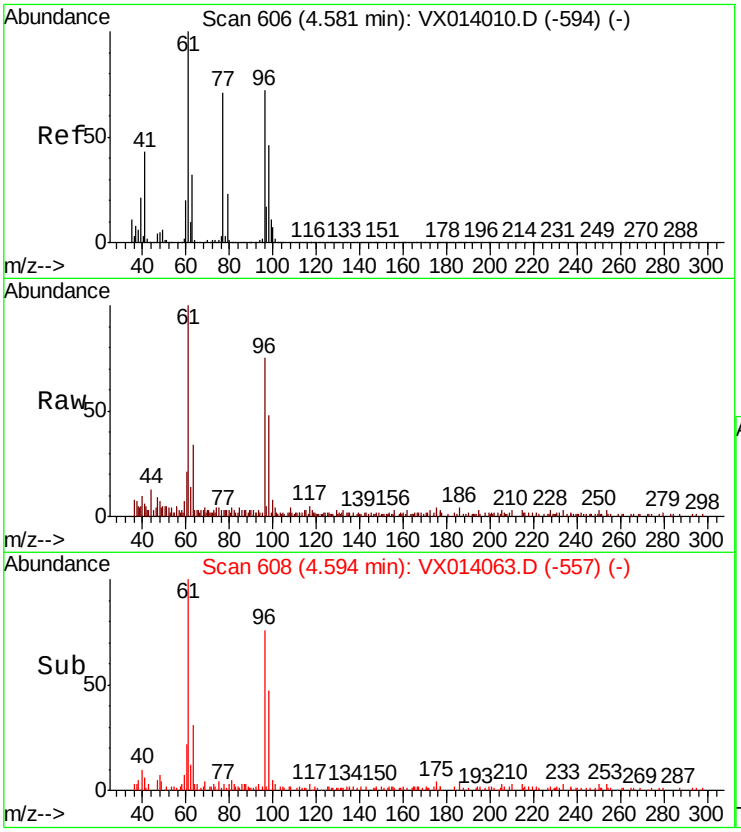


#25
2-Butanone
Concen: 0.410 ug/l
RT: 4.69 min Scan# 624
Delta R.T. 0.03 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 43 Resp: 2060

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#



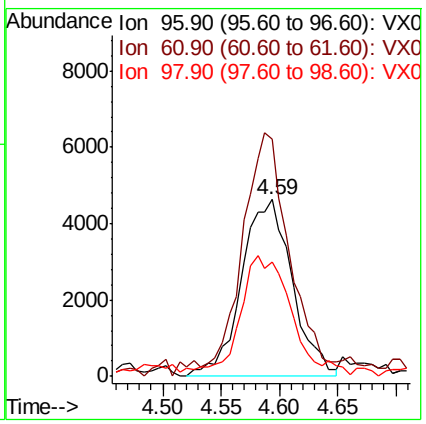


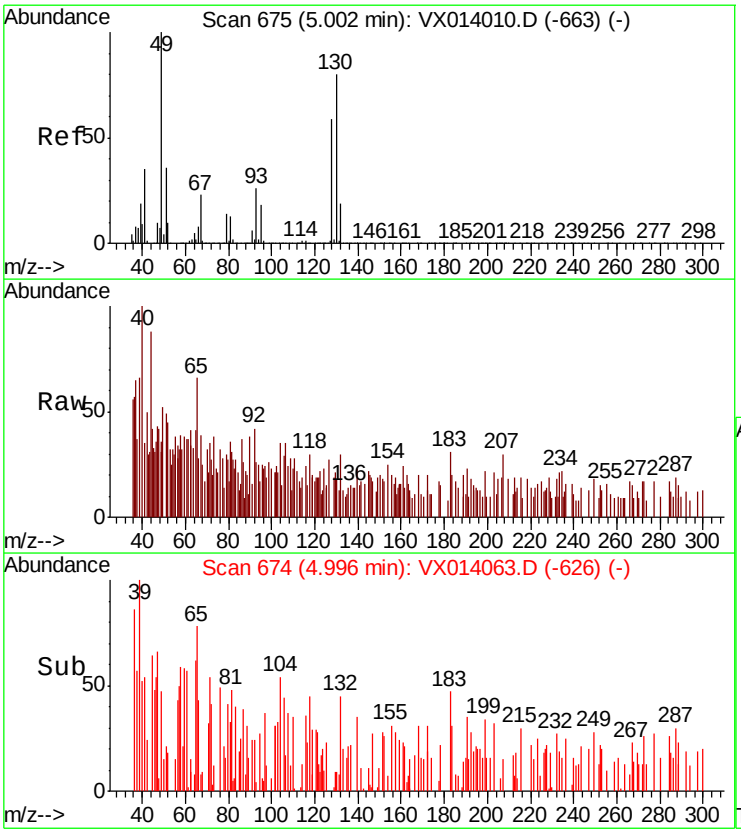
#27
cis-1,2-Dichloroethene
Concen: 2.108 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 96 Resp: 13998

Ion	Ratio	Lower	Upper
96	100		
61	116.9	0.0	288.4
98	62.4	0.0	129.6

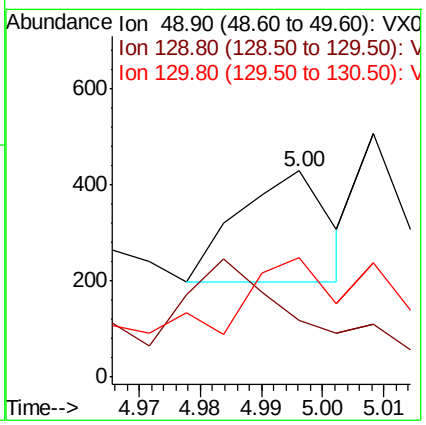


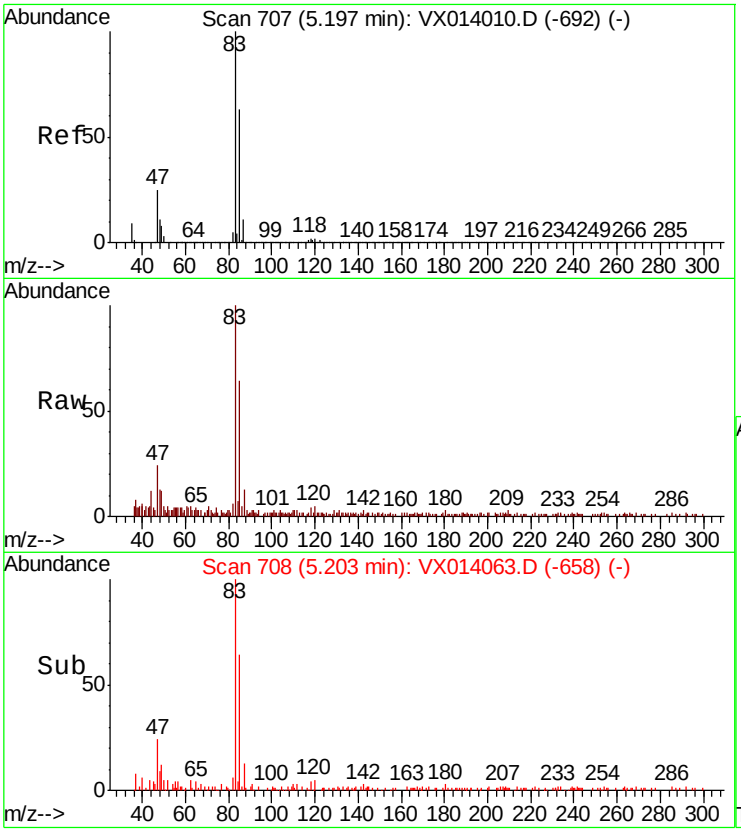


#28
Bromochloromethane
Concen: 0.511 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 49 Resp: 233

Ion	Ratio	Lower	Upper
49	100		
129	203.9	0.0	5.0#
130	59.7	64.6	97.0#



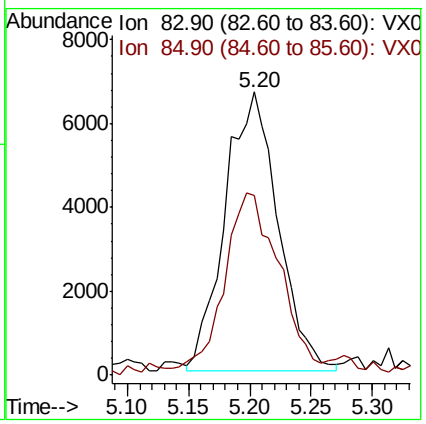


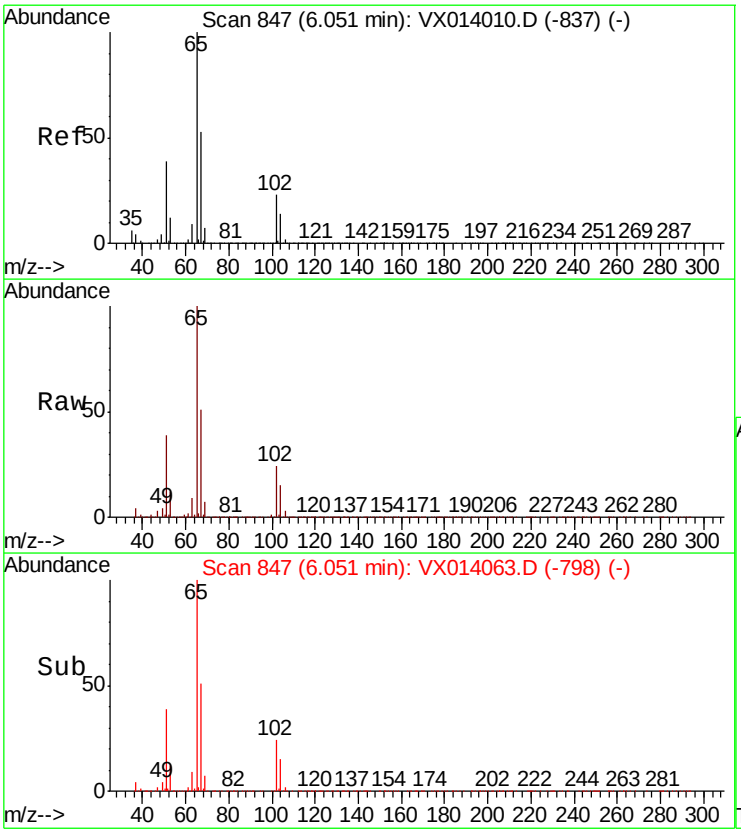
#30
Chloroform
Concen: 2.010 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 83 Resp: 20097

Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.8	76.2

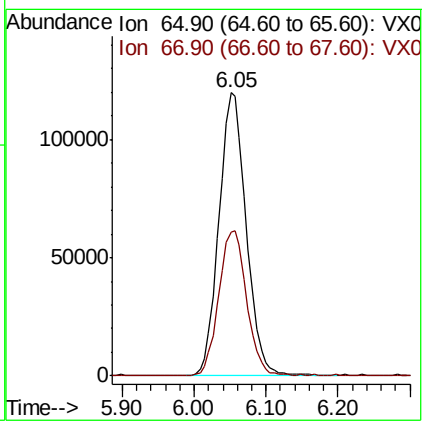


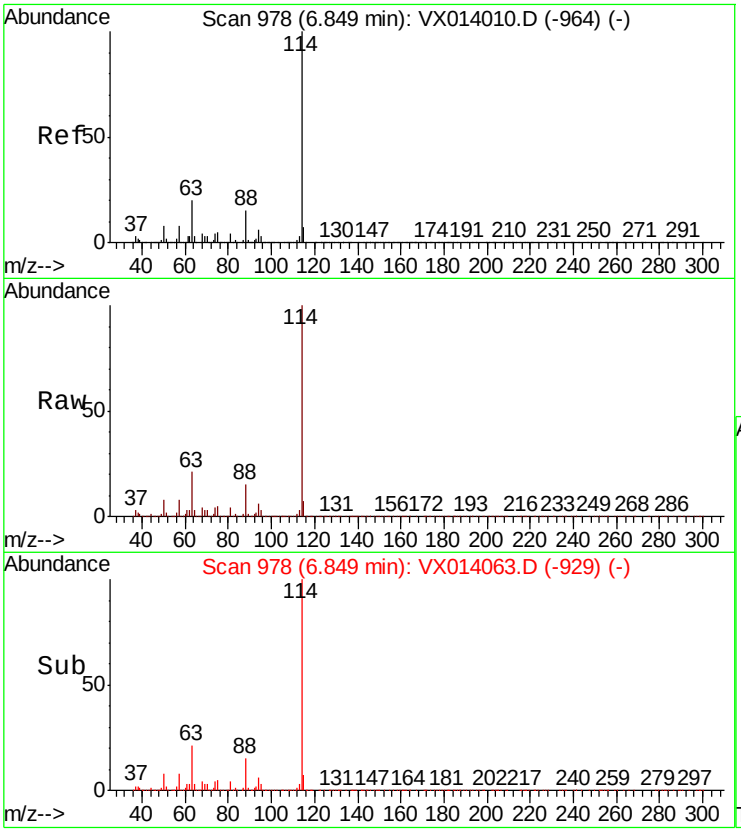


#33
1,2-Dichloroethane-d4
Concen: 49.944 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 65 Resp: 313545

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.4



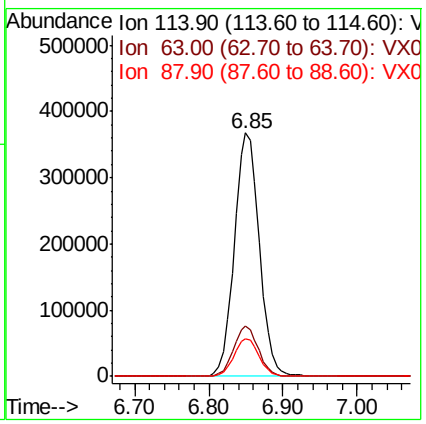


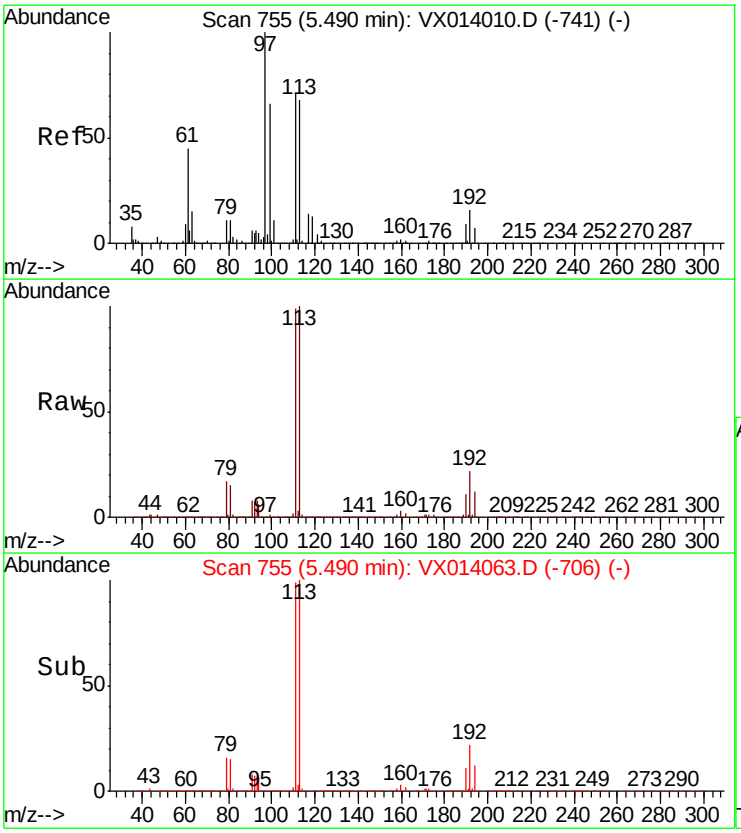
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion:114 Resp: 863581

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.3	0.0	30.4

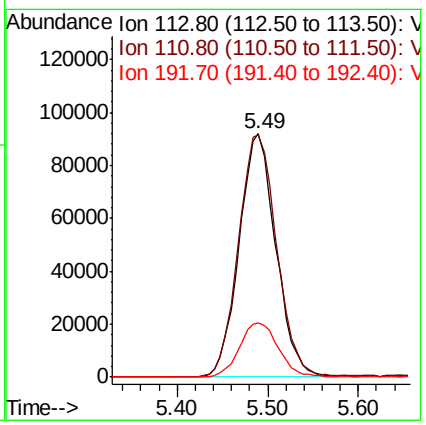


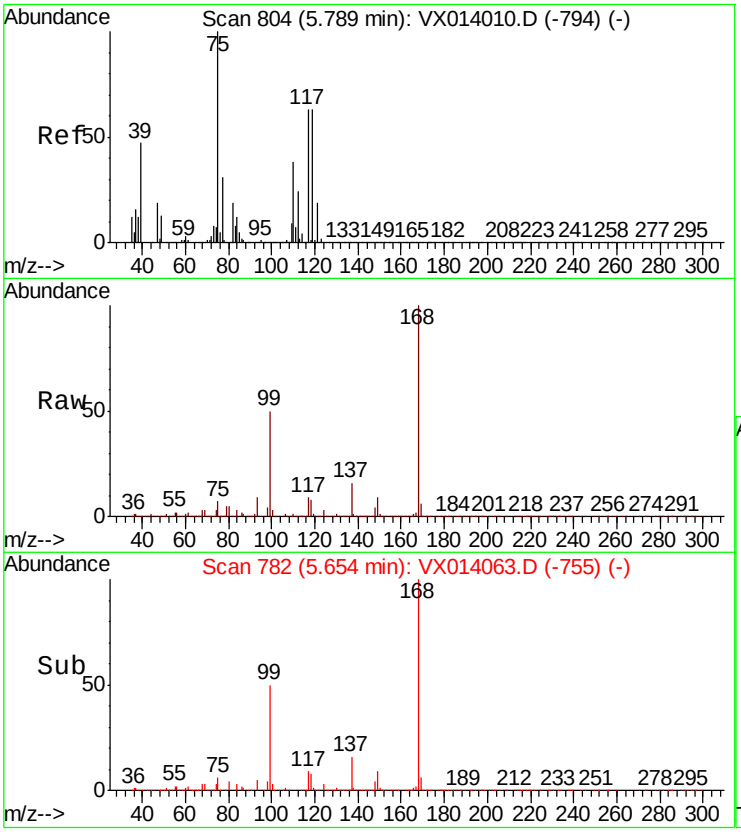


#35
Dibromofluoromethane
Concen: 49.024 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion:113 Resp: 257355

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	23.6	19.3	28.9



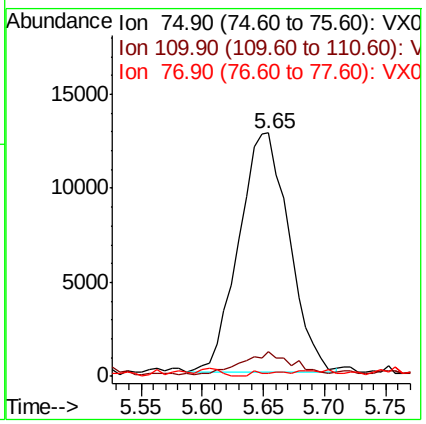


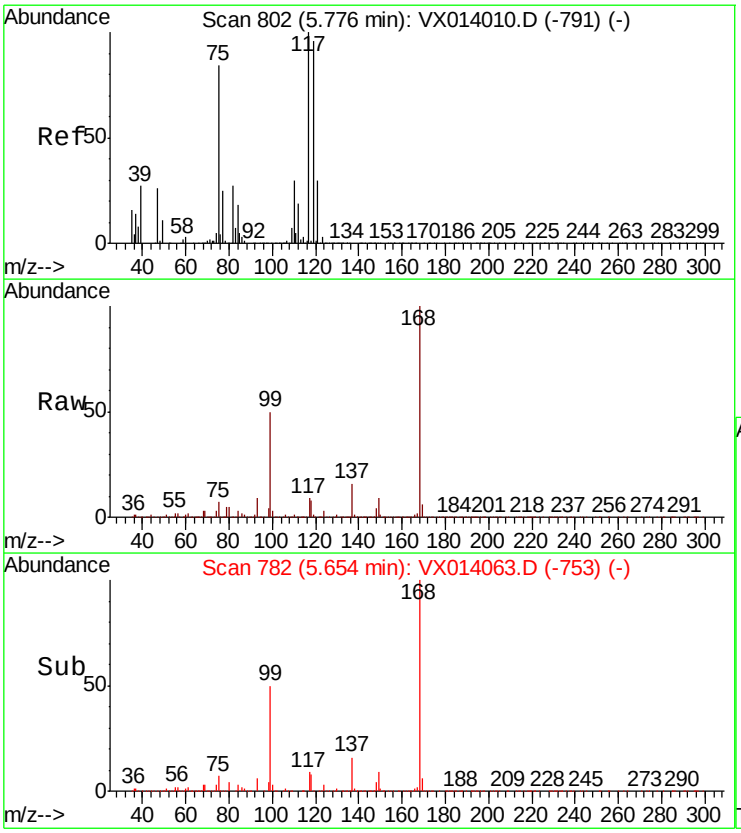
#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 75 Resp: 36510

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	0.6	24.8	37.2#

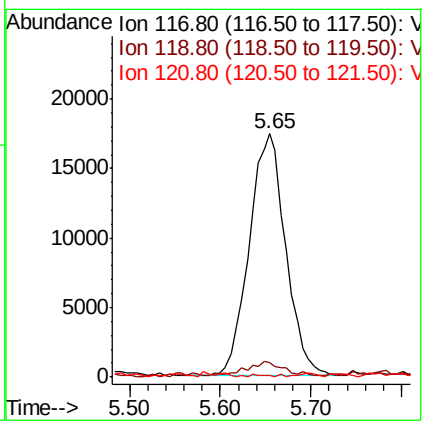


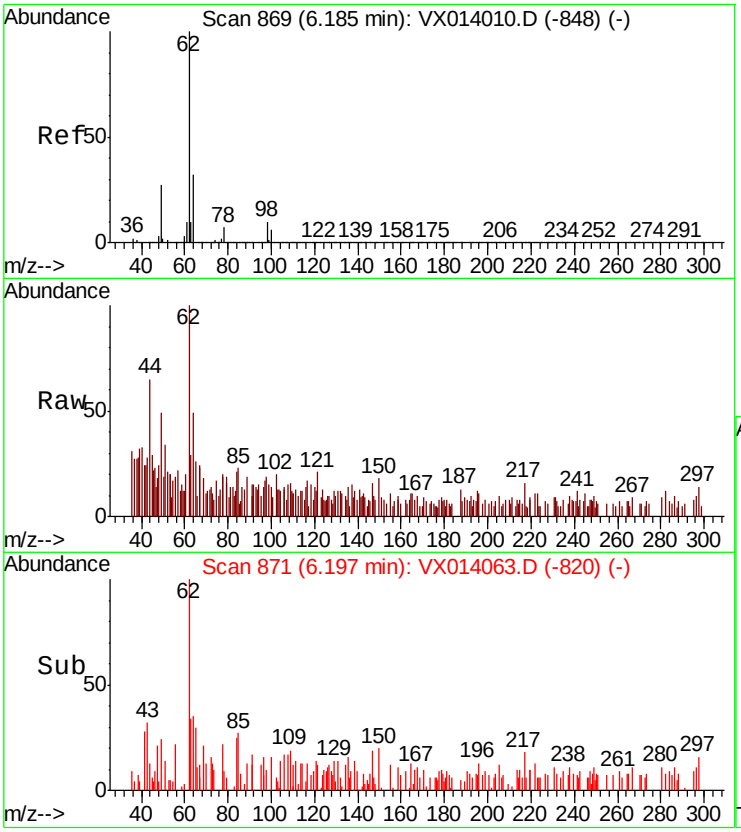


#38
Carbon Tetrachloride
Concen: 6.716 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion:117 Resp: 48479

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.4#
121	0.0	23.6	35.4#



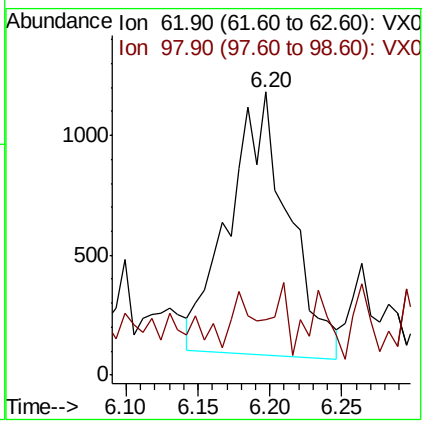


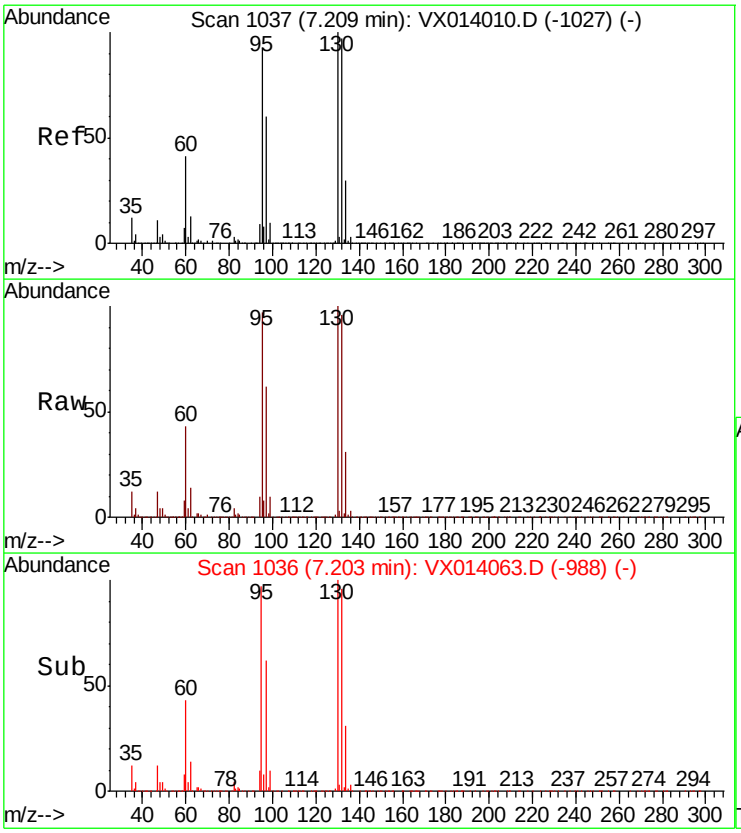
#42
1,2-Dichloroethane
Concen: 0.381 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 62 Resp: 3146

Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	21.0

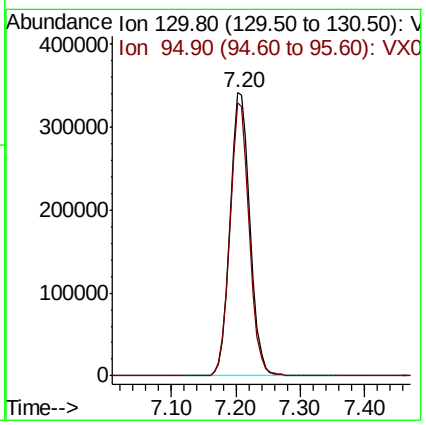


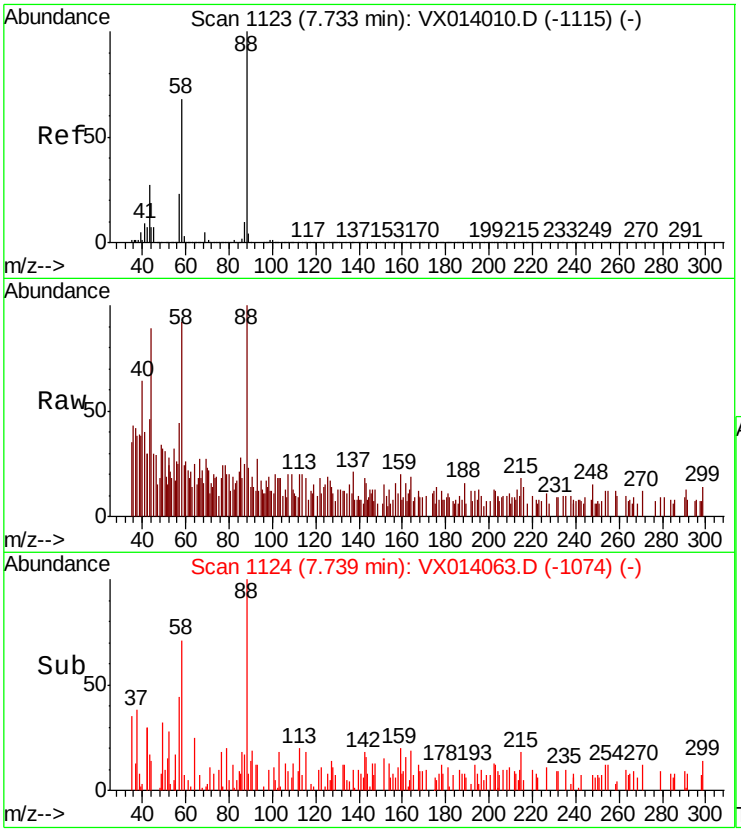


#44
Trichloroethene
Concen: 109.840 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion:130 Resp: 739683

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	185.6



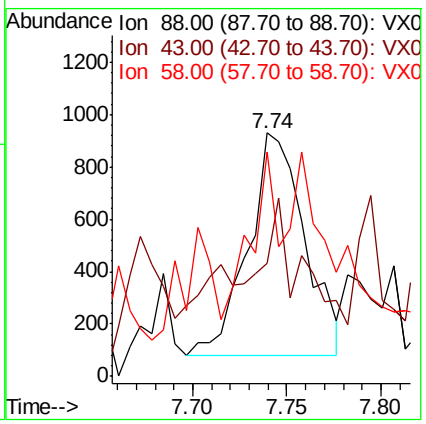


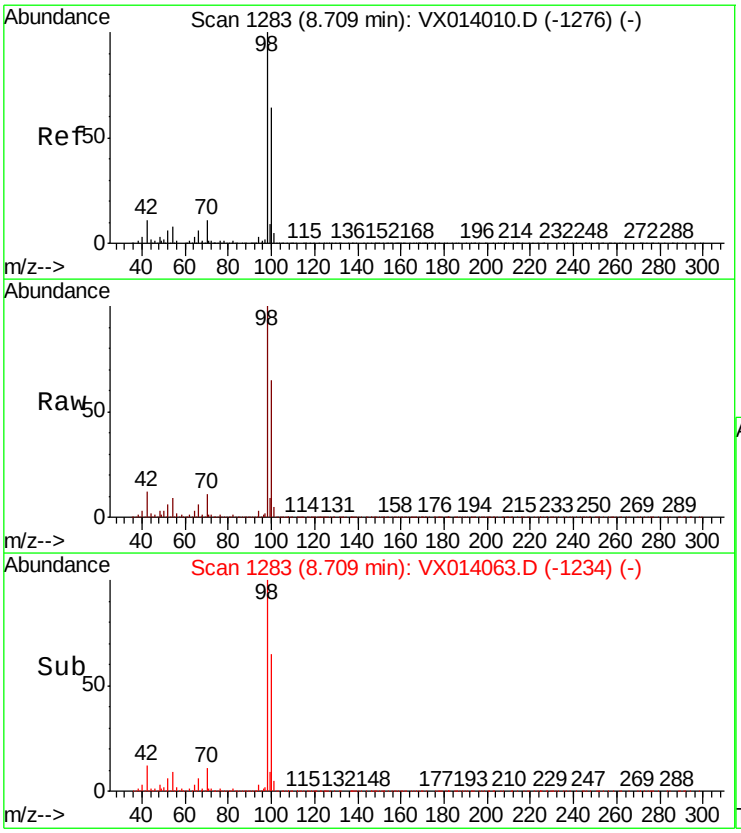
#49
1,4-Dioxane
Concen: 12.210 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 88 Resp: 1762

Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.5	39.7
58	33.5	56.8	85.2#

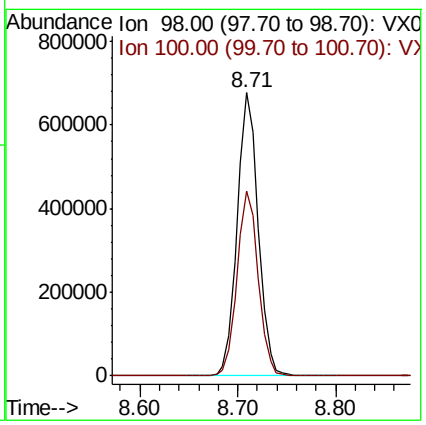


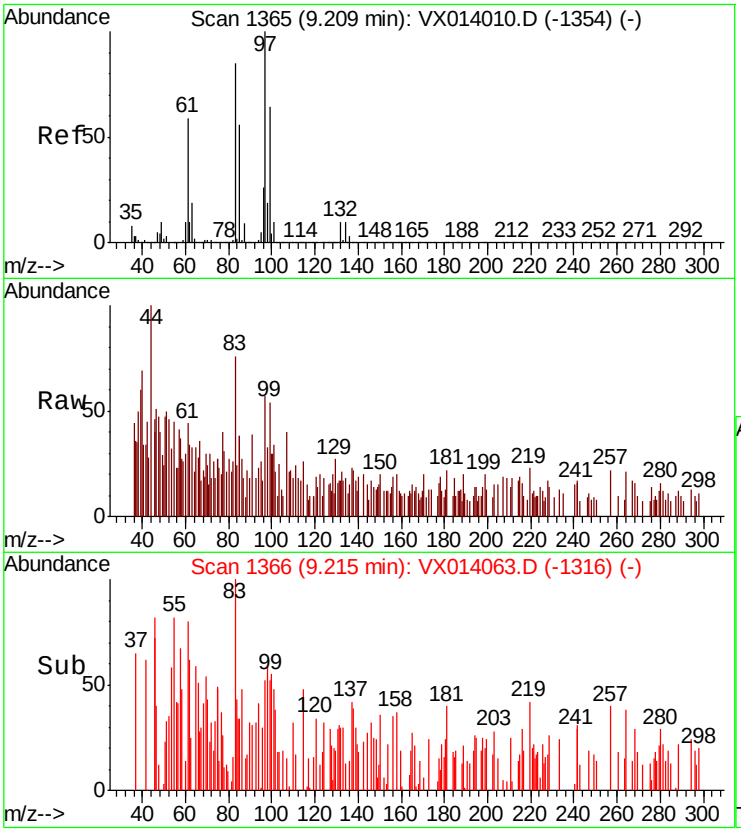


#50
Toluene-d8
Concen: 49.452 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 98 Resp: 1010705

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3



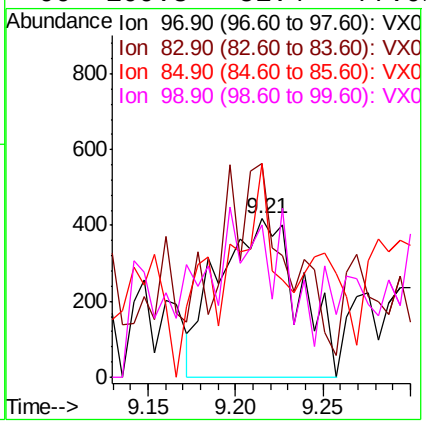


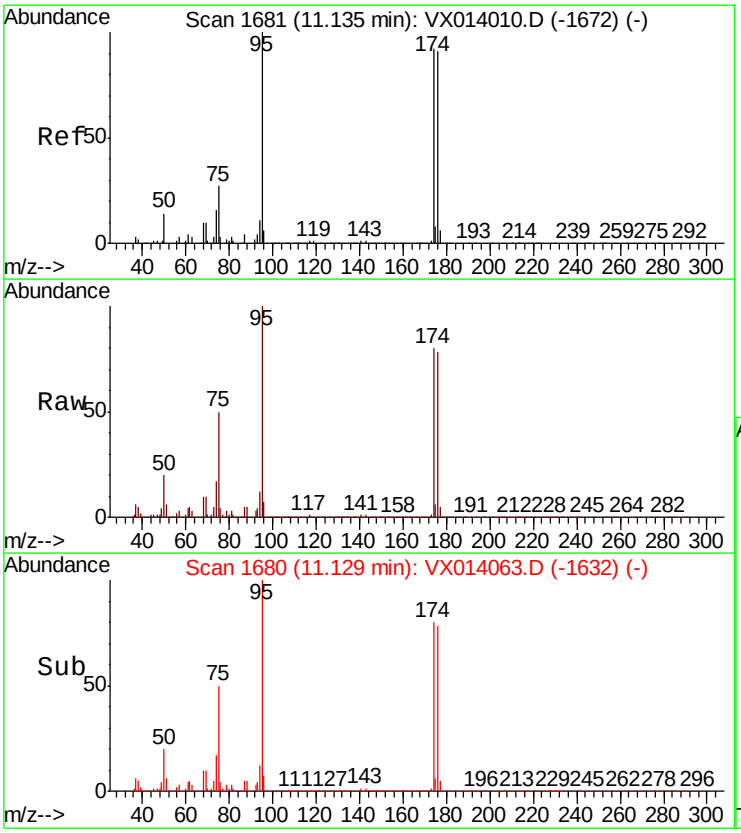
#55
1,1,2-Trichloroethane
Concen: 0.217 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 97 Resp: 1341

Ion	Ratio	Lower	Upper
97	100		
83	121.3	68.2	102.4#
85	90.6	44.6	66.8#
99	109.8	51.4	77.0#

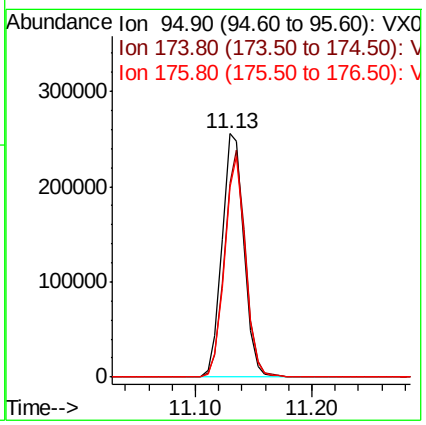


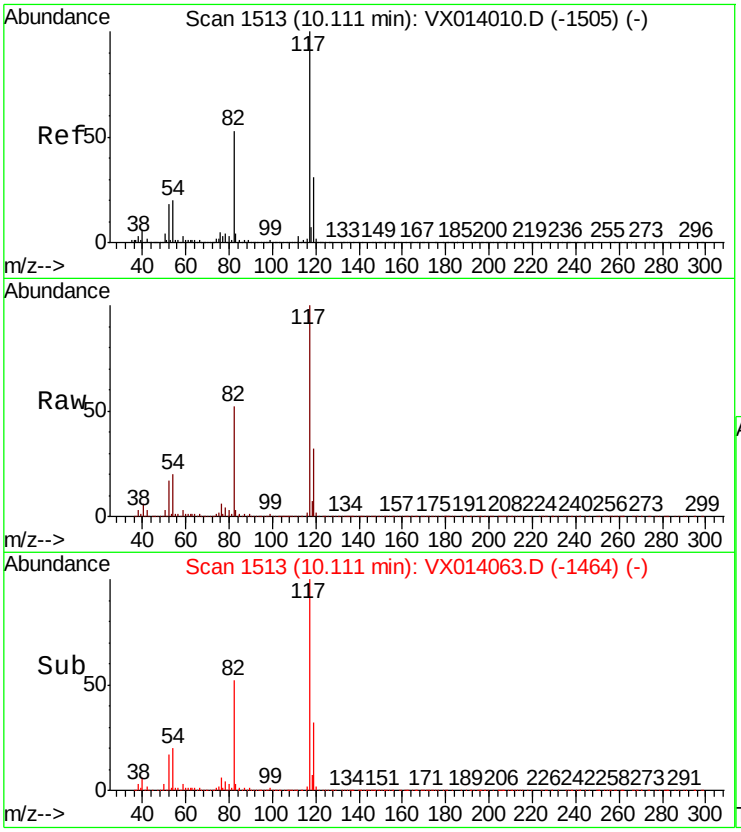


#62
4-Bromofluorobenzene
Concen: 44.326 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 95 Resp: 331162

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	175.8
176	86.8	0.0	173.0



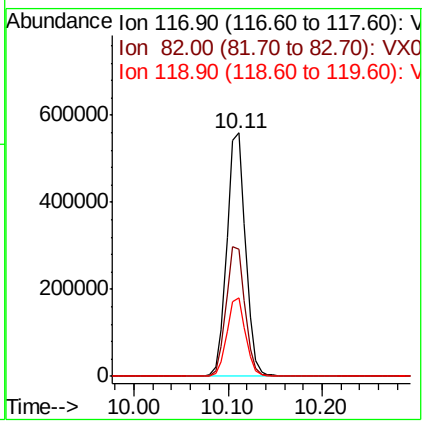


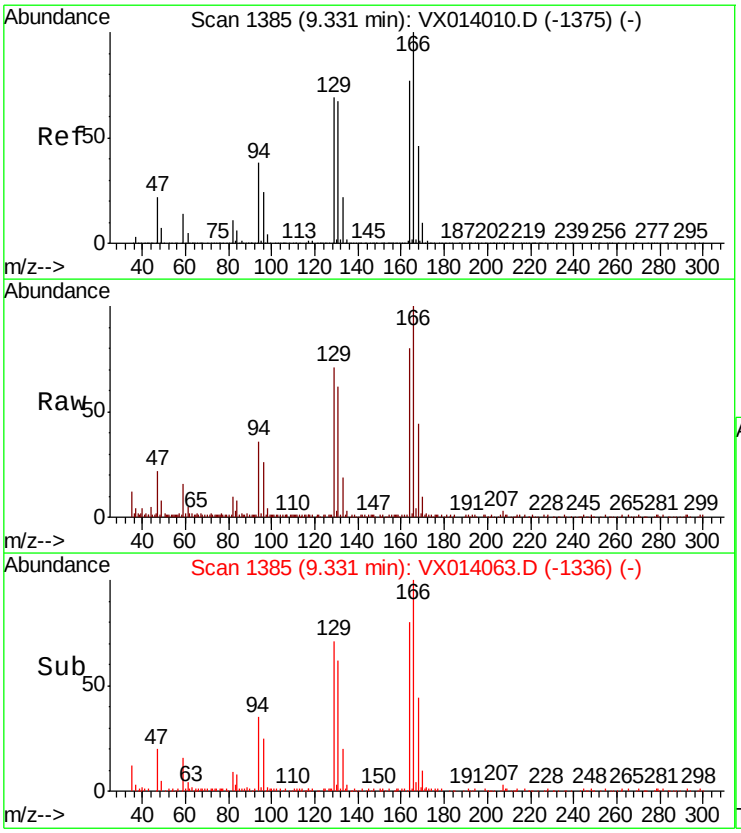
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument : MSVOA_X
ClientSampleId : RE132D1-20191209

Tgt Ion:117 Resp: 769575

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	32.1	25.1	37.7

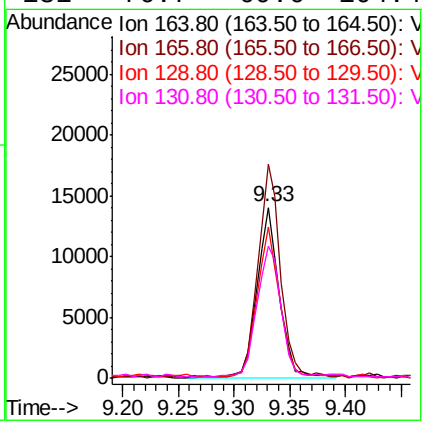


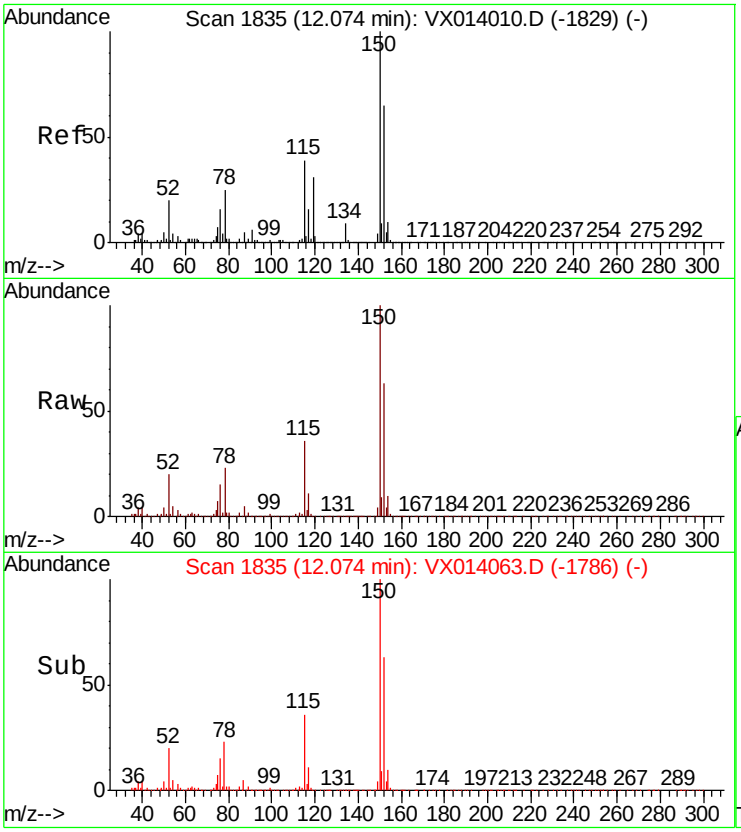


#64
Tetrachloroethene
Concen: 2.923 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion:164 Resp: 19905

Ion	Ratio	Lower	Upper
164	100		
166	125.4	104.0	156.0
129	86.9	72.2	108.4
131	76.7	69.6	104.4



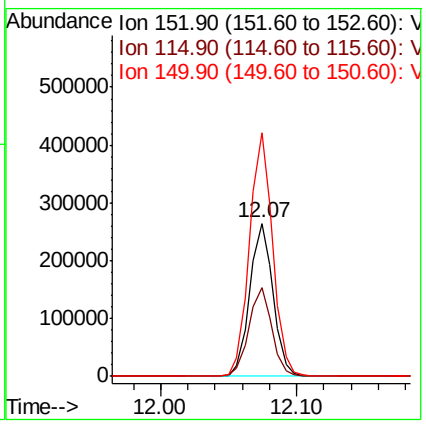


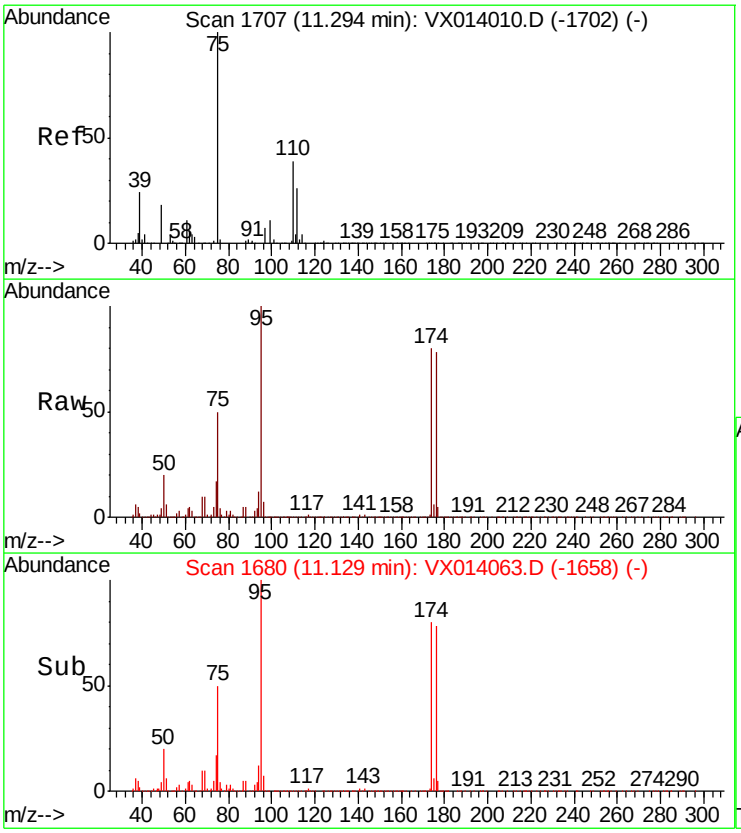
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion:152 Resp: 318536

Ion	Ratio	Lower	Upper
152	100		
115	57.0	38.3	114.9
150	158.7	0.0	345.4

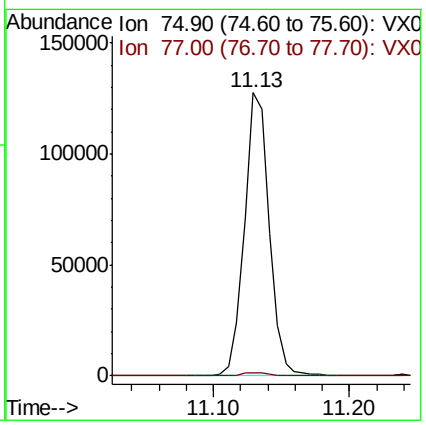


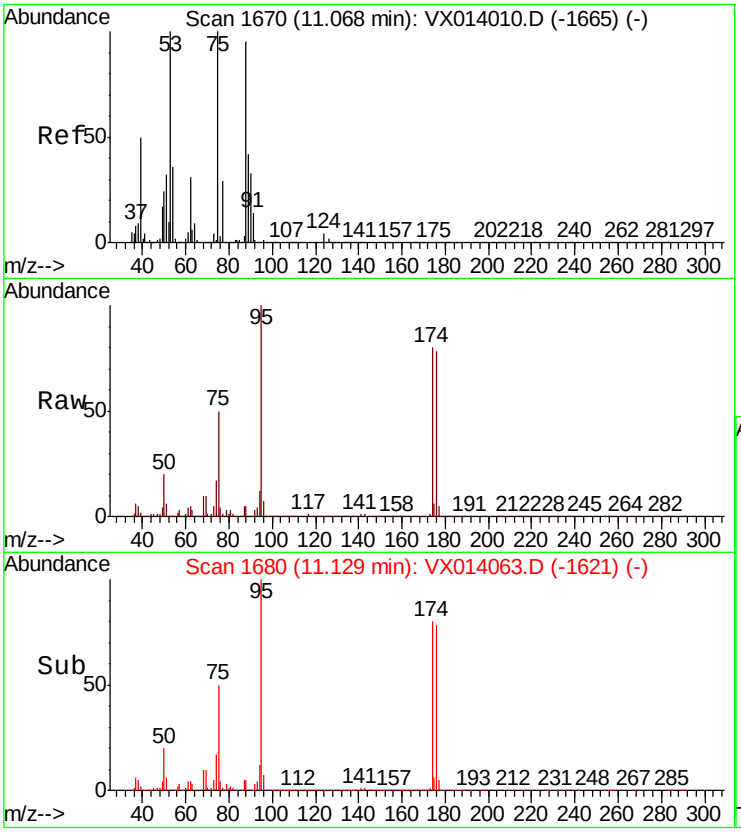


#76
1,2,3-Trichloropropane
Concen: 23.613 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Tgt Ion: 75 Resp: 163295

Ion	Ratio	Lower	Upper
75	100		
77	1.7	19.3	57.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.649 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014063.D
Acq: 17 Dec 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20191209

Tgt Ion: 75 Resp: 163295

Ion	Ratio	Lower	Upper
75	100		
53	0.4	76.7	115.1#
89	0.0	34.6	51.8#