Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014058.D
Acq On : 17 Dec 2019 17:46
Operator : JC/SP
Sample : K6251-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW202D1-20191207

Quant Time: Dec 18 07:14:48 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	569136	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	866870	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	775784	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324349	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	314892	48.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.64%				
35) Dibromofluoromethane	5.48	113	260878	49.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.02%				
50) Toluene-d8	8.71	98	1024716	49.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.90%				
62) 4-Bromofluorobenzene	11.13	95	335247	44.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.40%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	3092	0.453	ug/l		90
6) Chloroethane	1.59	64	3471	0.780	ug/l	#	79
10) Methyl Iodide	2.49	142	406	2.675	ug/l	#	48
11) Tert butyl alcohol	3.01	59	1414	1.015	ug/l	#	1
13) Acrolein	2.29	56	711	0.891	ug/l	#	14
15) Acrylonitrile	3.13	53	922	0.283	ug/l	#	35
16) Acetone	2.43	43	11350	2.710	ug/l		97
17) Carbon Disulfide	2.57	76	1075	0.820	ug/l	#	50
19) Methyl tert-butyl Ether	3.19	73	54658	3.038	ug/l		99
20) Methylene Chloride	2.86	84	2243	0.340	ug/l	#	63
21) trans-1,2-Dichloroethene	3.16	96	2889	0.479	ug/l		88
22) Diisopropyl ether	3.84	45	9571	0.491	ug/l	#	82
24) 1,1-Dichloroethane	3.69	63	20659	1.906	ug/l		99
27) cis-1,2-Dichloroethene	4.59	96	130991	19.203	ug/l		89
28) Bromochloromethane	5.00	49	496	0.572	ug/l	#	81
30) Chloroform	5.21	83	11581	1.127	ug/l		96
36) 1,1-Dichloropropene	5.65	75	39347	4.947	ug/l	#	46
38) Carbon Tetrachloride	5.65	117	50276	6.938	ug/l	#	16
42) 1,2-Dichloroethane	6.19	62	5211	0.628	ug/l		95
44) Trichloroethene	7.20	130	84610	12.517	ug/l		98
49) 1,4-Dioxane	7.73	88	389	2.685	ug/l	#	23
55) 1,1,2-Trichloroethane	9.20	97	1253	0.202	ug/l	#	39
60) Dibromochloromethane	9.33	129	83070	13.480	ug/l	#	11
64) Tetrachloroethene	9.33	164	94369	13.747	ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	164535	23.366	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	164535	65.952	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.09	75	447	0.255	ug/l		51

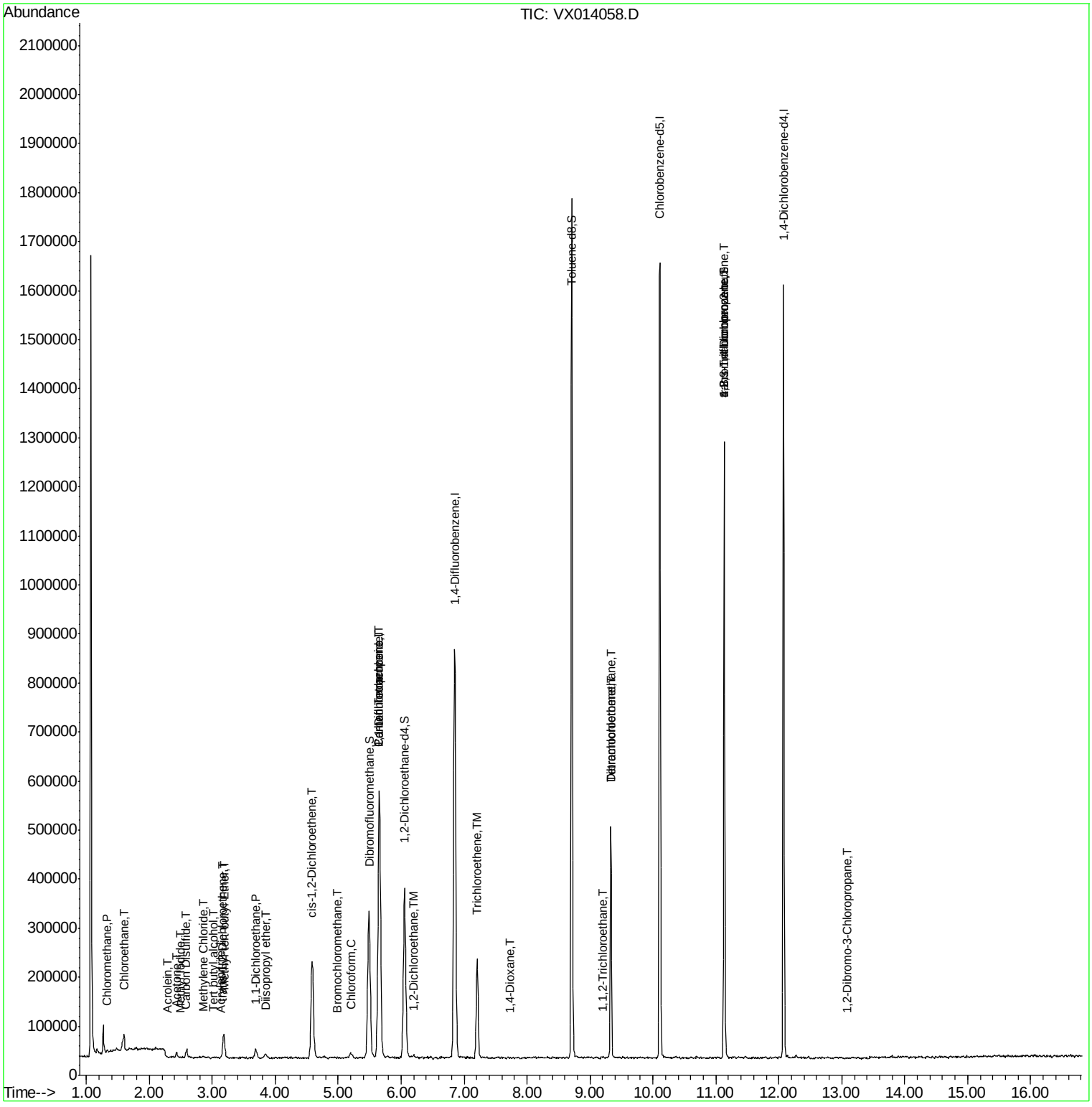
(#) = qualifier out of range (m) = manual integration (+) = signals summed

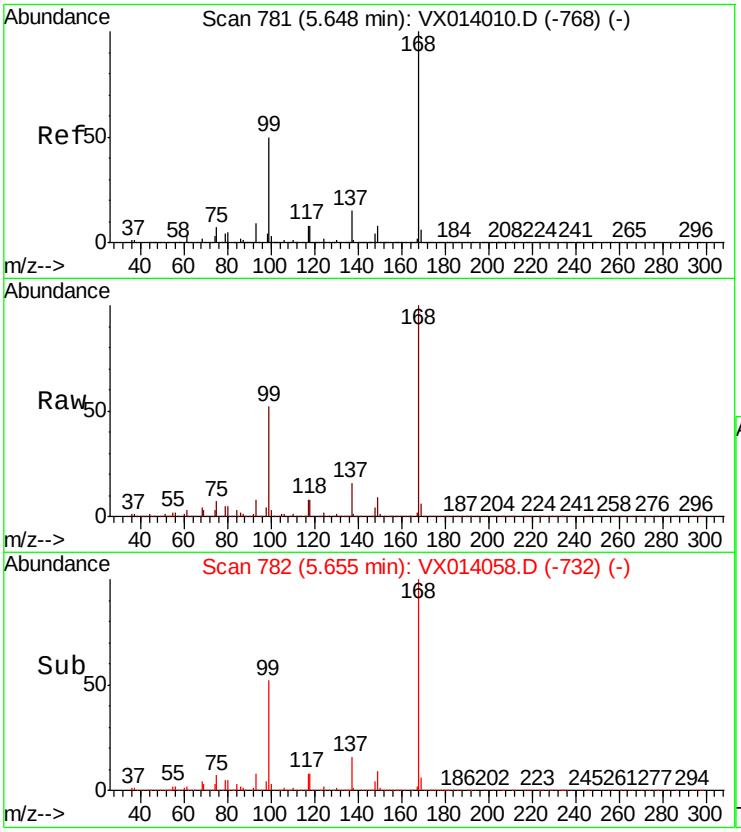
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014058.D
Acq On : 17 Dec 2019 17:46
Operator : JC/SP
Sample : K6251-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Quant Time: Dec 18 07:14:48 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



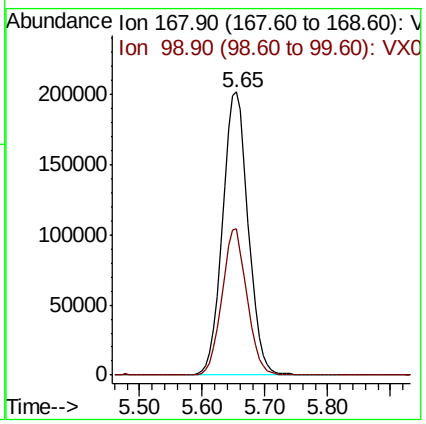


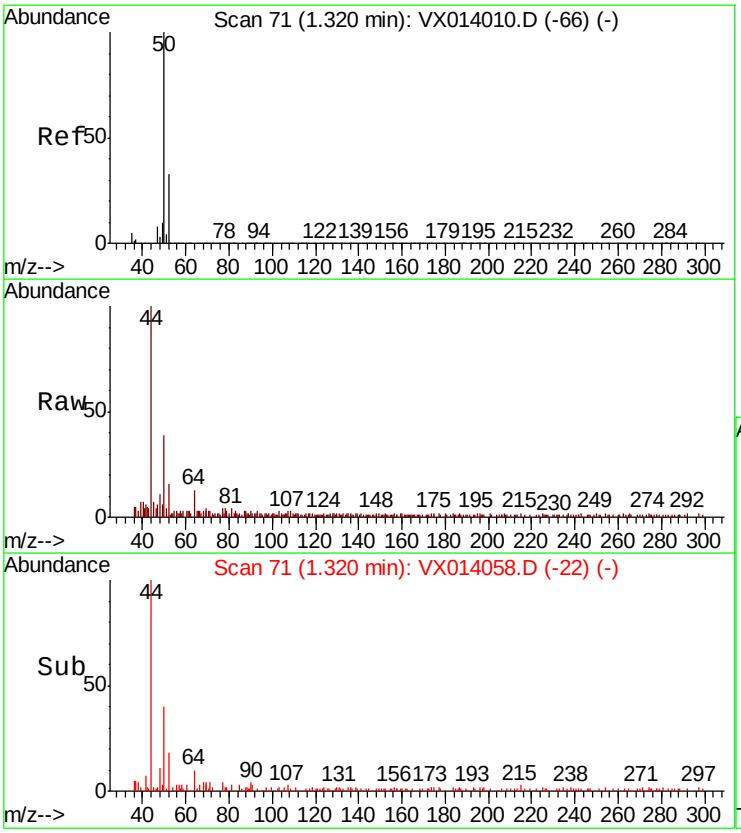
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion:168 Resp: 569136

Ion	Ratio	Lower	Upper
168	100		
99	51.7	40.3	60.5

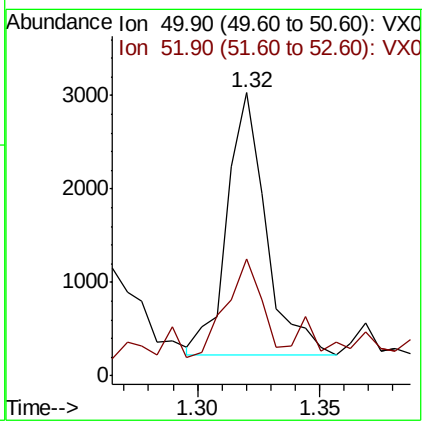


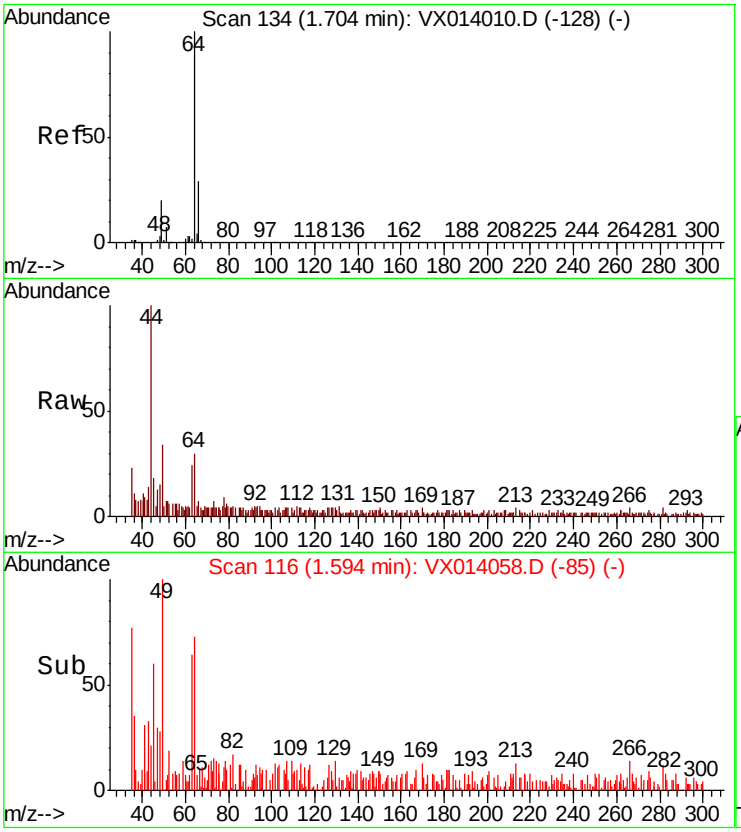


#3
Chloromethane
Concen: 0.453 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 50 Resp: 3092

Ion	Ratio	Lower	Upper
50	100		
52	38.7	26.2	39.4



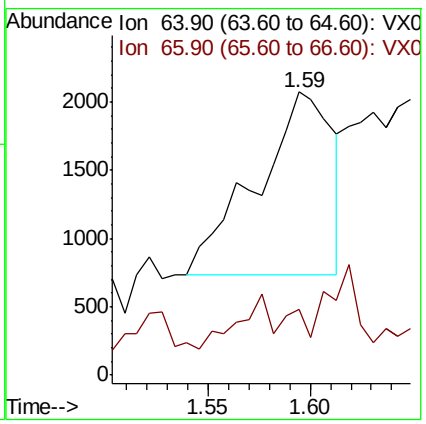


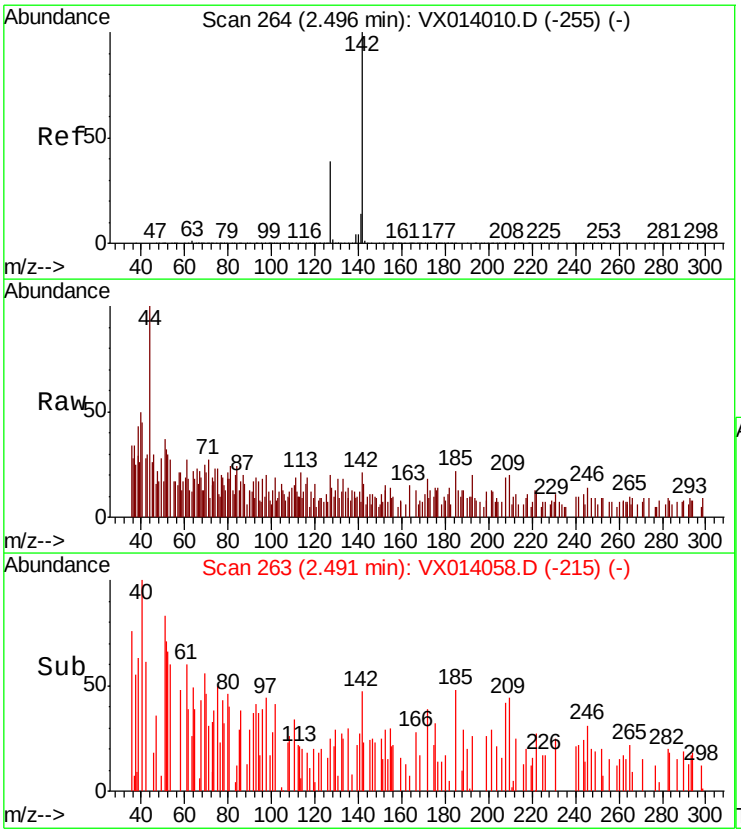
#6
Chloroethane
Concen: 0.780 ug/l
RT: 1.59 min Scan# 116
Delta R.T. -0.11 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 64 Resp: 3471

Ion	Ratio	Lower	Upper
64	100		
66	18.2	23.4	35.2#

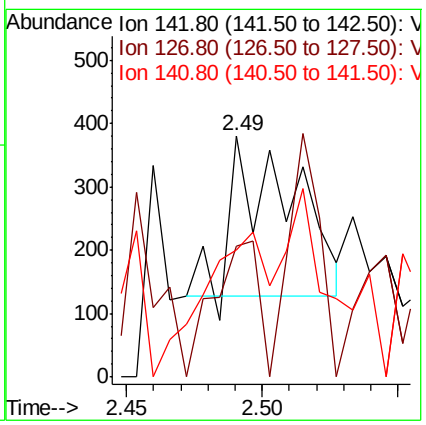


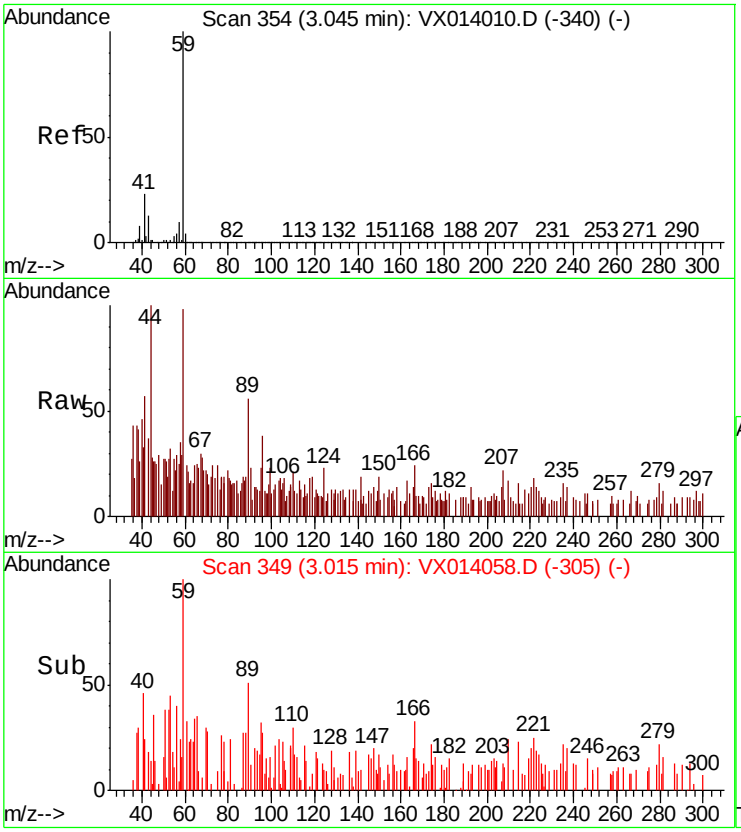


#10
Methyl Iodide
Concen: 2.675 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:142 Resp: 406

Ion	Ratio	Lower	Upper
142	100		
127	60.3	31.6	47.4#
141	55.4	11.6	17.4#



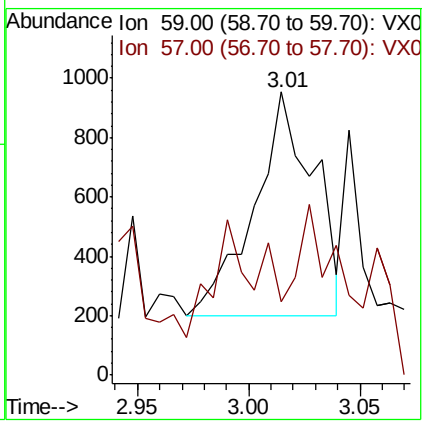


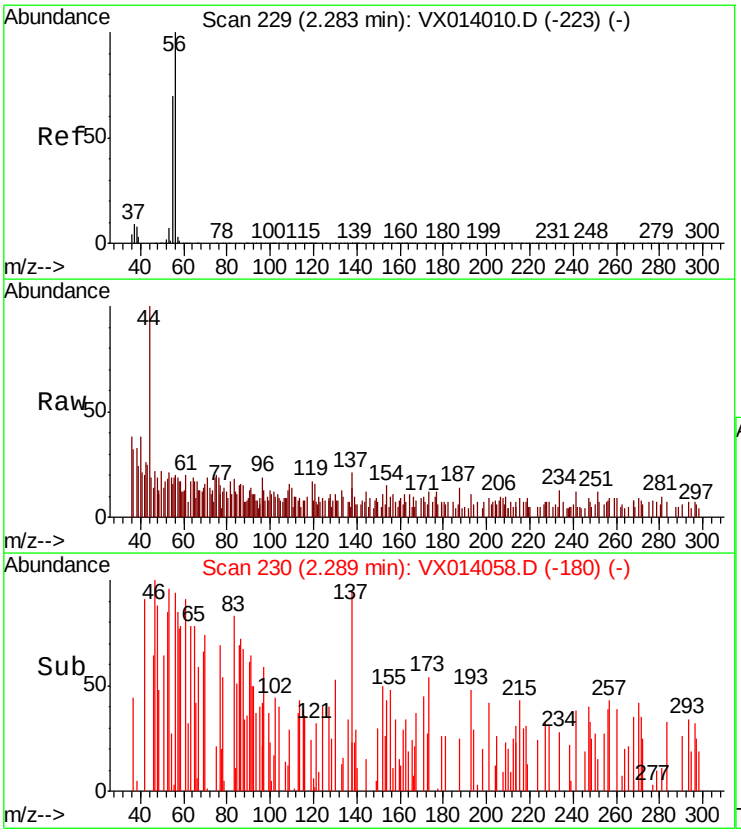
#11
Tert butyl alcohol
Concen: 1.015 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.03 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 59 Resp: 1414

Ion	Ratio	Lower	Upper
59	100		
57	56.0	8.4	12.6#

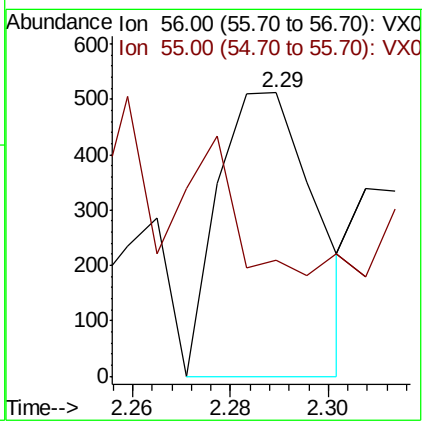


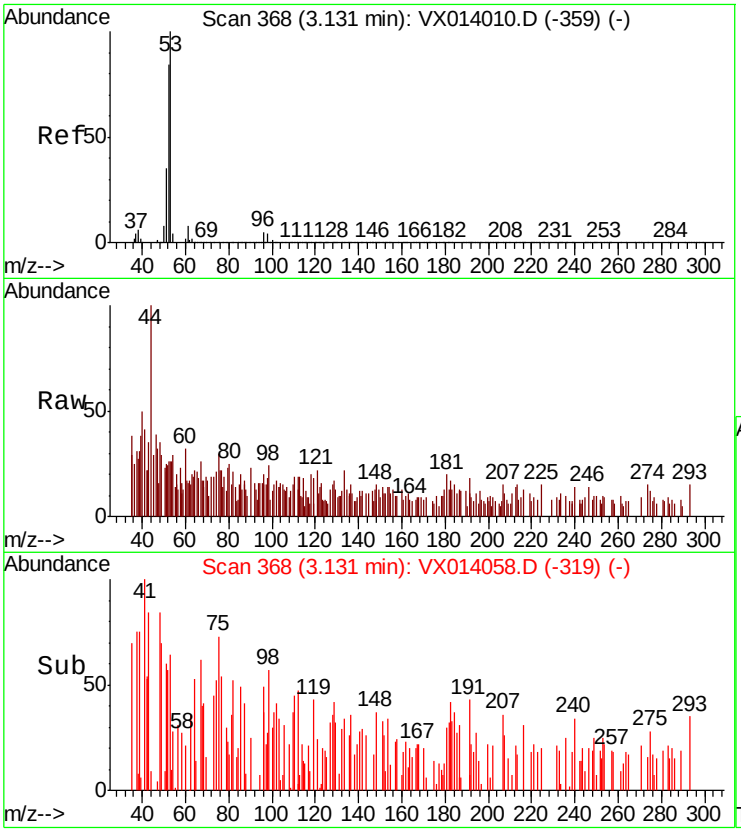


#13
Acrolein
Concen: 0.891 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 56 Resp: 711

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#



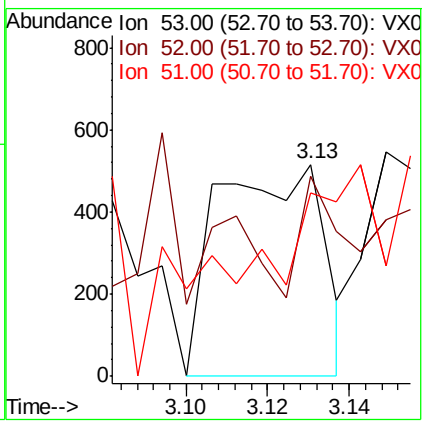


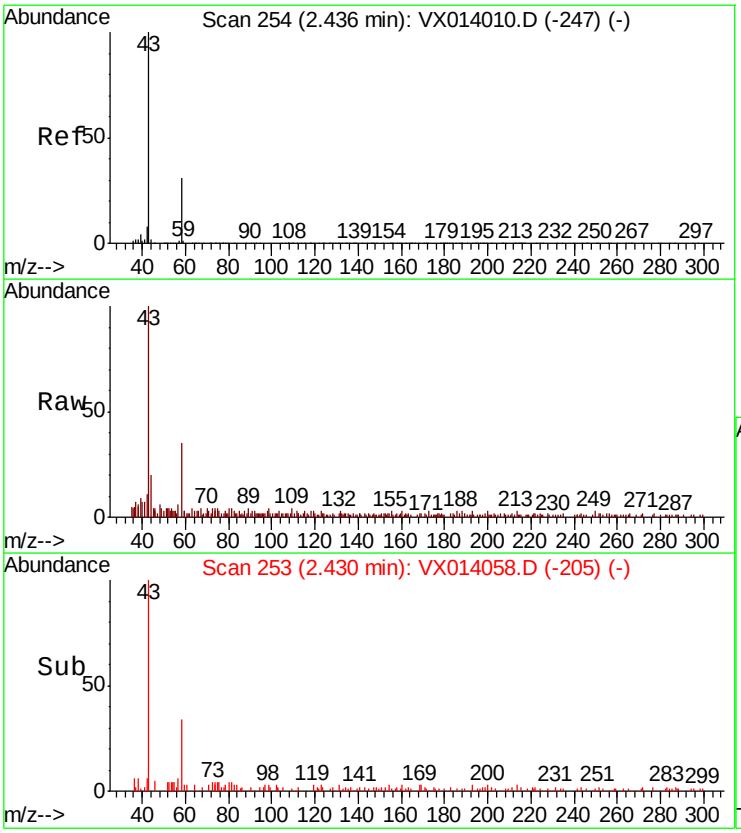
#15
Acrylonitrile
Concen: 0.283 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 53 Resp: 922

Ion	Ratio	Lower	Upper
53	100		
52	22.6	66.5	99.7#
51	0.0	28.1	42.1#

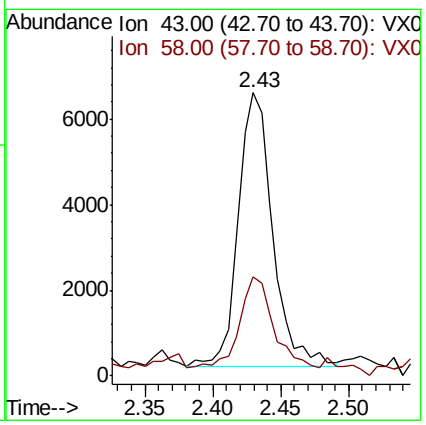


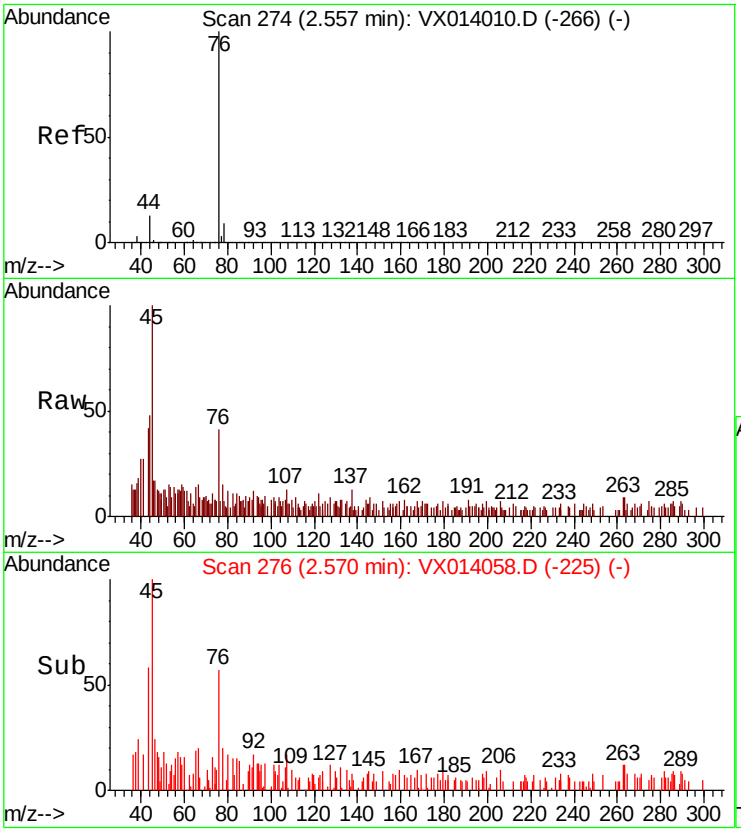


#16
Acetone
Concen: 2.710 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 43 Resp: 11350

Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.9	37.3



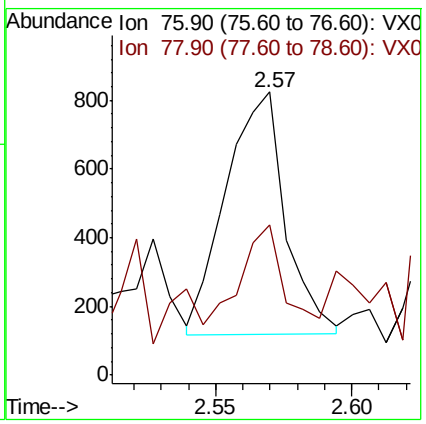


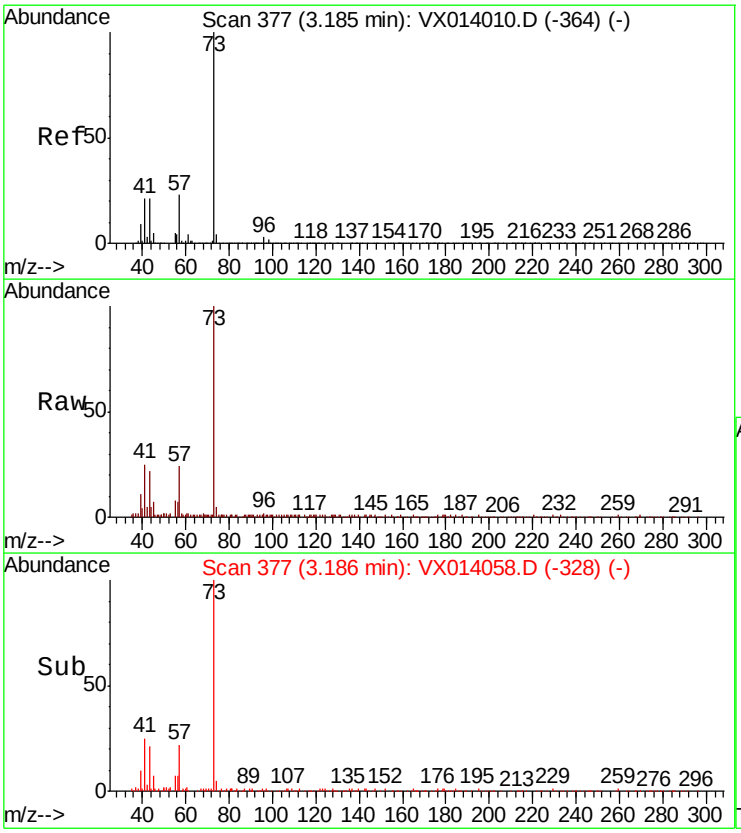
#17
Carbon Disulfide
Concen: 0.820 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 76 Resp: 1075

Ion	Ratio	Lower	Upper
76	100		
78	27.0	7.2	10.8#

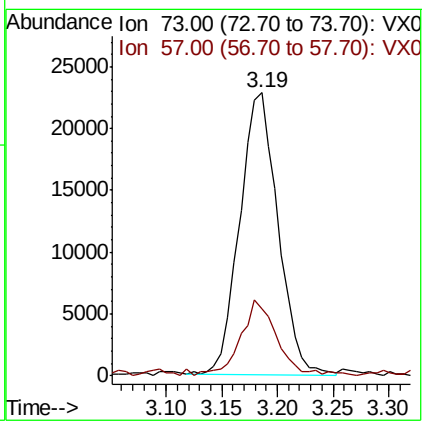


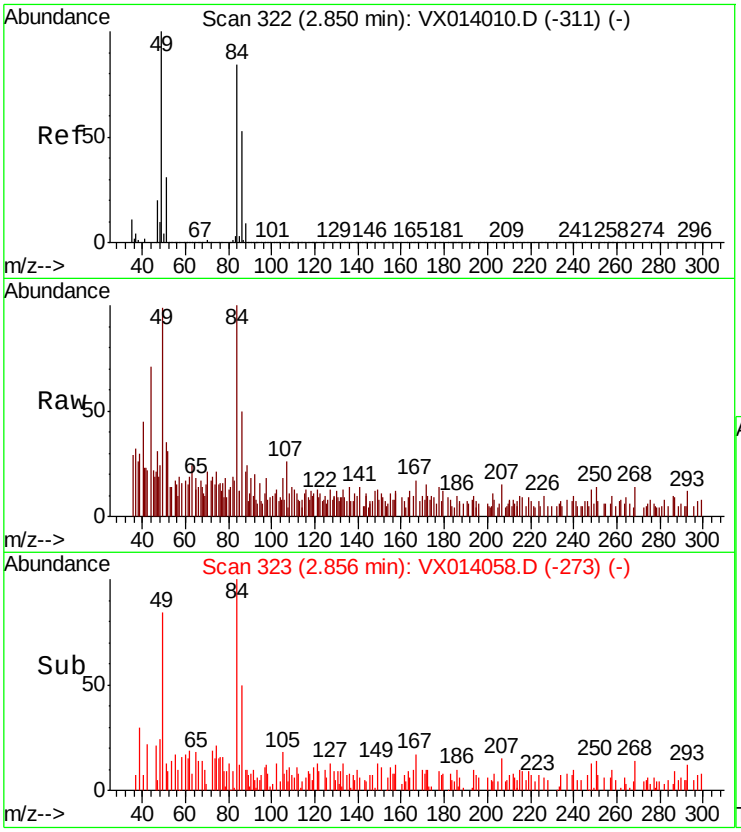


#19
Methyl tert-butyl Ether
Concen: 3.038 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 73 Resp: 54658

Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.8	28.2



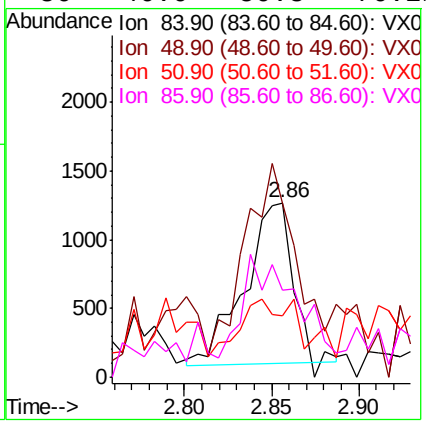


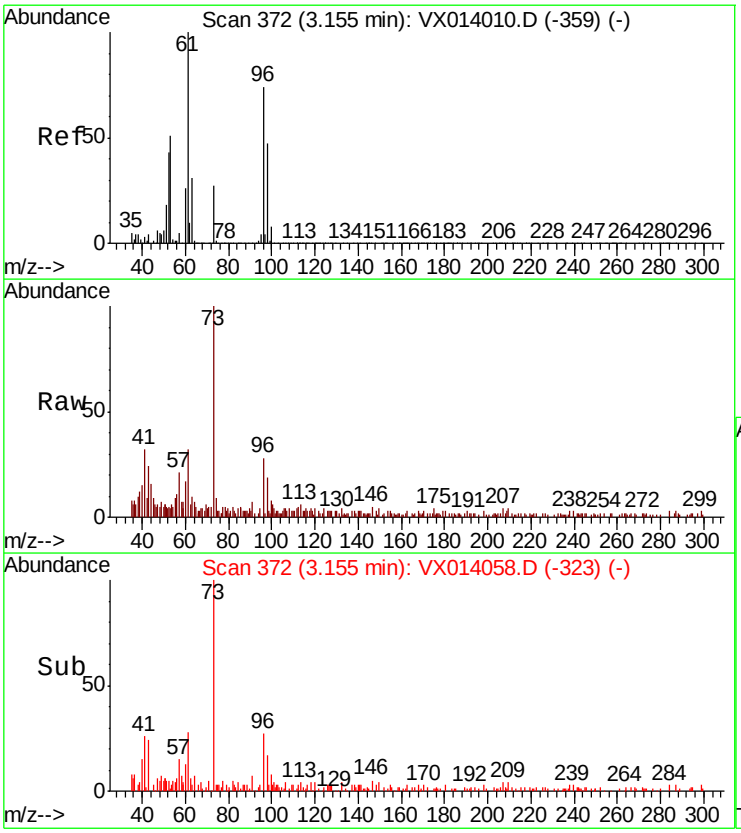
#20
Methylene Chloride
Concen: 0.340 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument : MSVOA_X
ClientSampleId : MW202D1-20191207

Tgt Ion: 84 Resp: 2243

Ion	Ratio	Lower	Upper
84	100		
49	64.0	95.8	143.6#
51	27.1	29.8	44.8#
86	46.0	50.8	76.2#

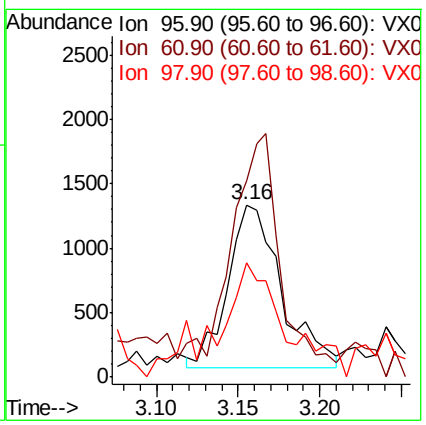


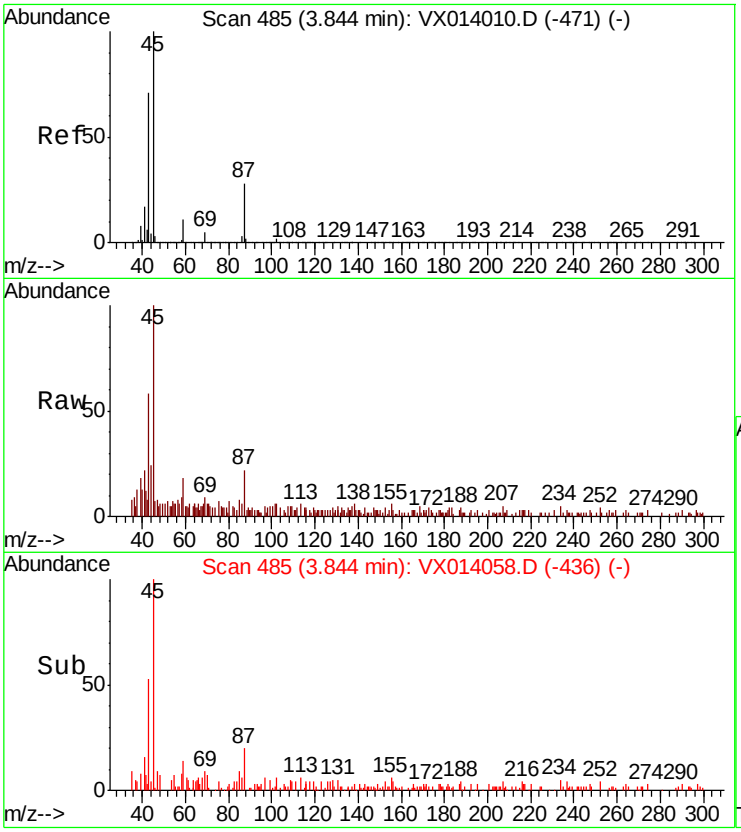


#21
trans-1,2-Dichloroethene
Concen: 0.479 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 96 Resp: 2889

Ion	Ratio	Lower	Upper
96	100		
61	120.1	108.3	162.5
98	54.9	50.8	76.2



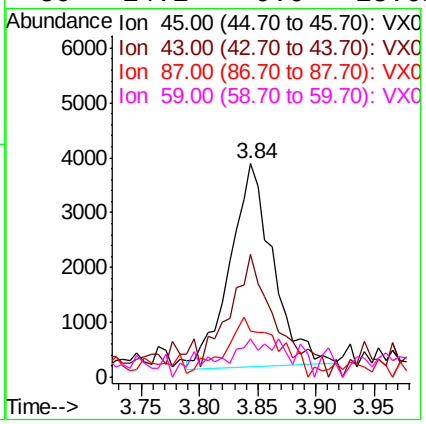


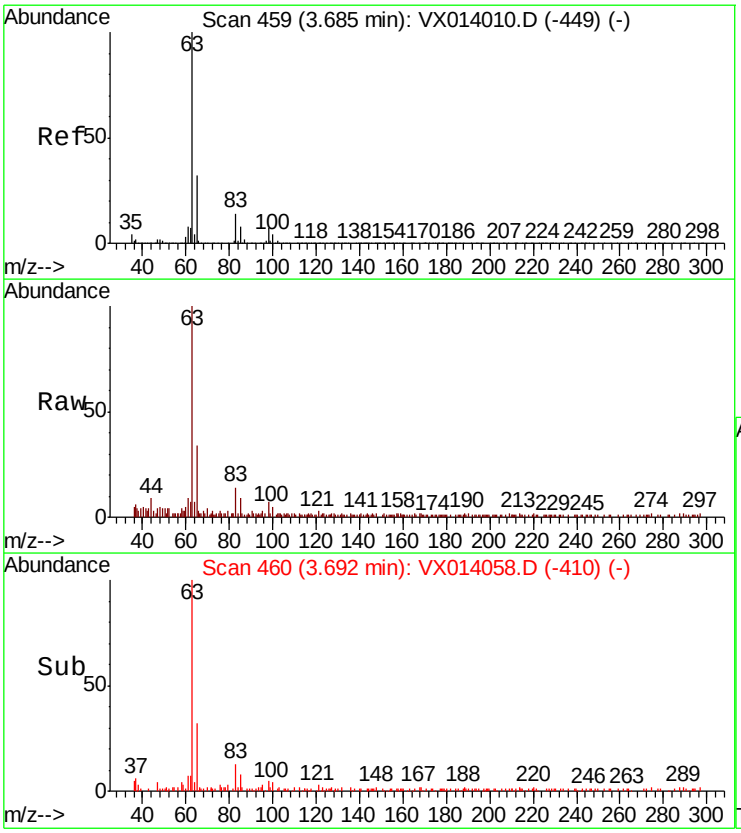
#22
Diisopropyl ether
Concen: 0.491 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 45 Resp: 9571

Ion	Ratio	Lower	Upper
45	100		
43	53.2	57.4	86.0#
87	21.3	21.9	32.9#
59	14.1	9.0	13.6#

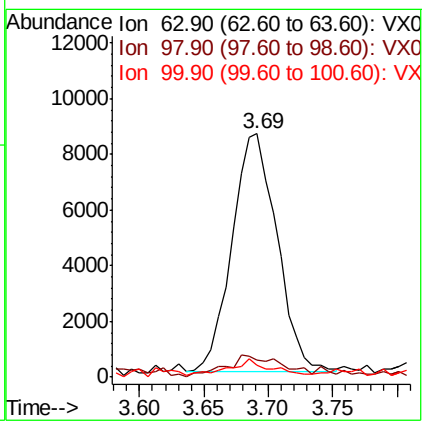


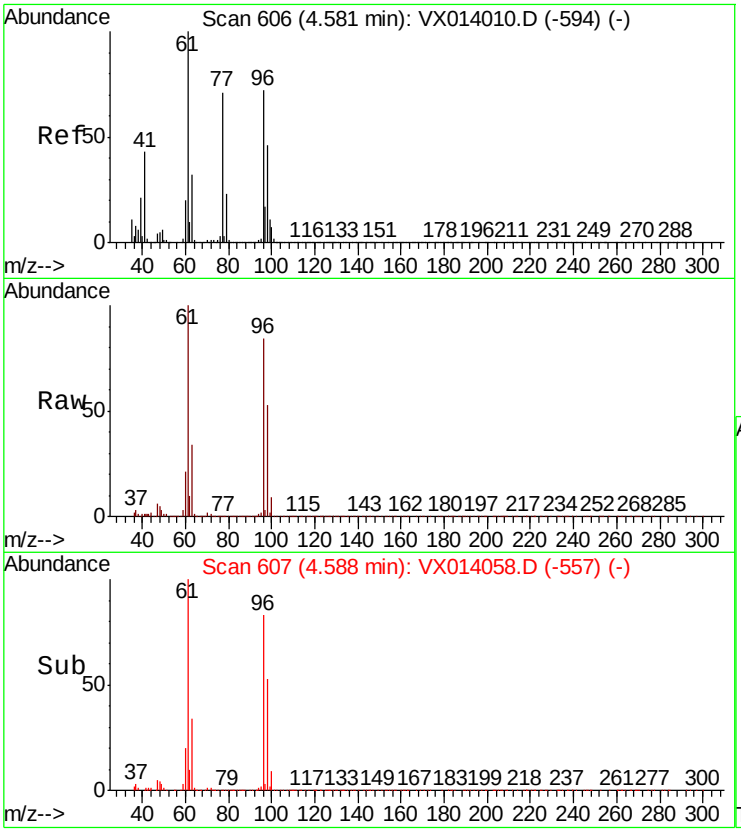


#24
1,1-Dichloroethane
Concen: 1.906 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 63 Resp: 20659

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.4	2.3	6.8



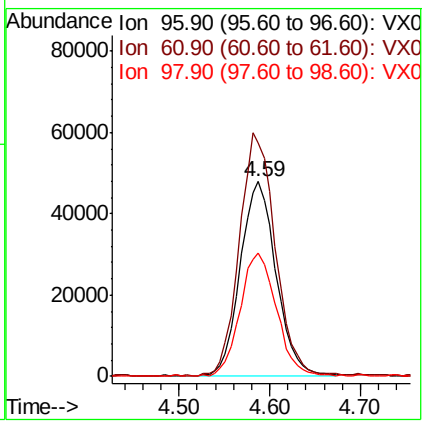


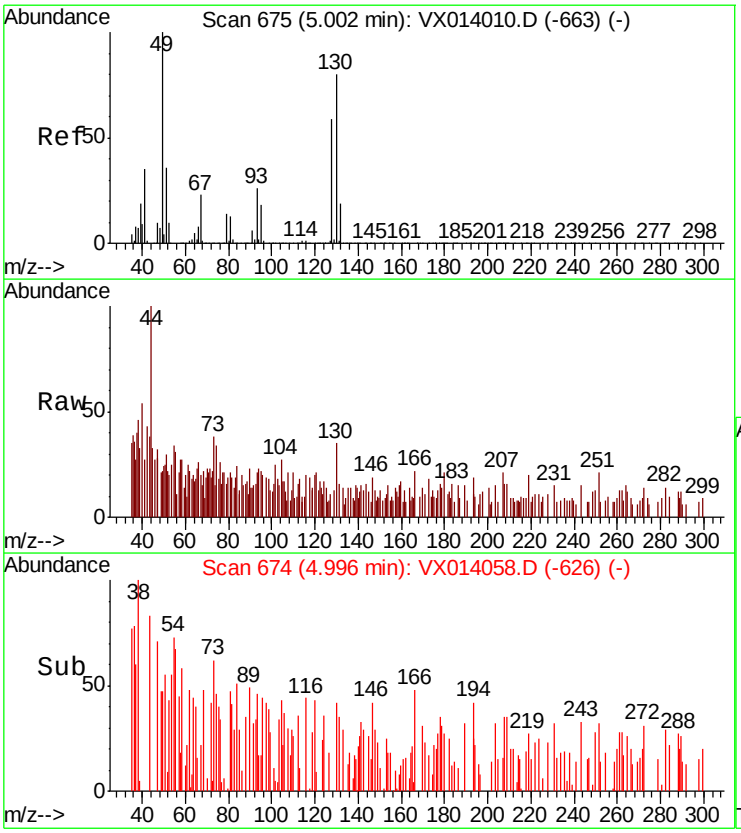
#27
cis-1,2-Dichloroethene
Concen: 19.203 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 96 Resp: 130991

Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	288.4
98	63.8	0.0	129.6

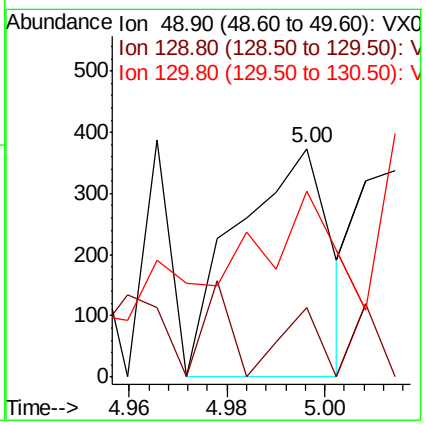


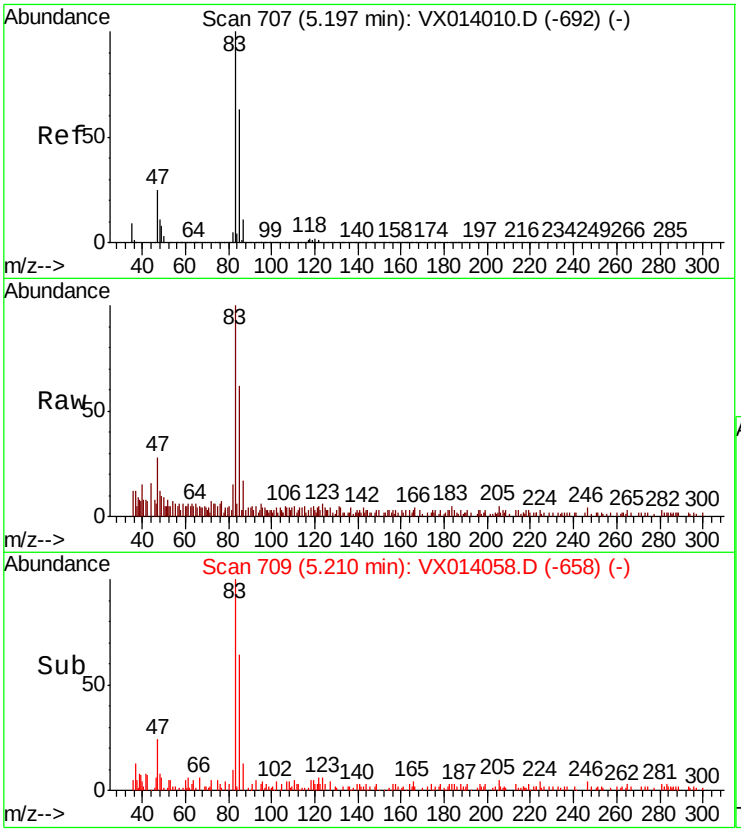


#28
Bromochloromethane
Concen: 0.572 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 49 Resp: 496

Ion	Ratio	Lower	Upper
49	100		
129	8.5	0.0	5.0#
130	63.9	64.6	97.0#



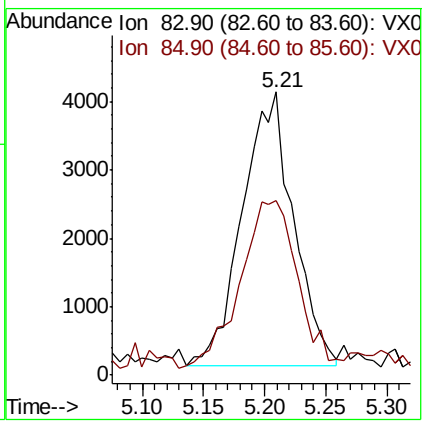


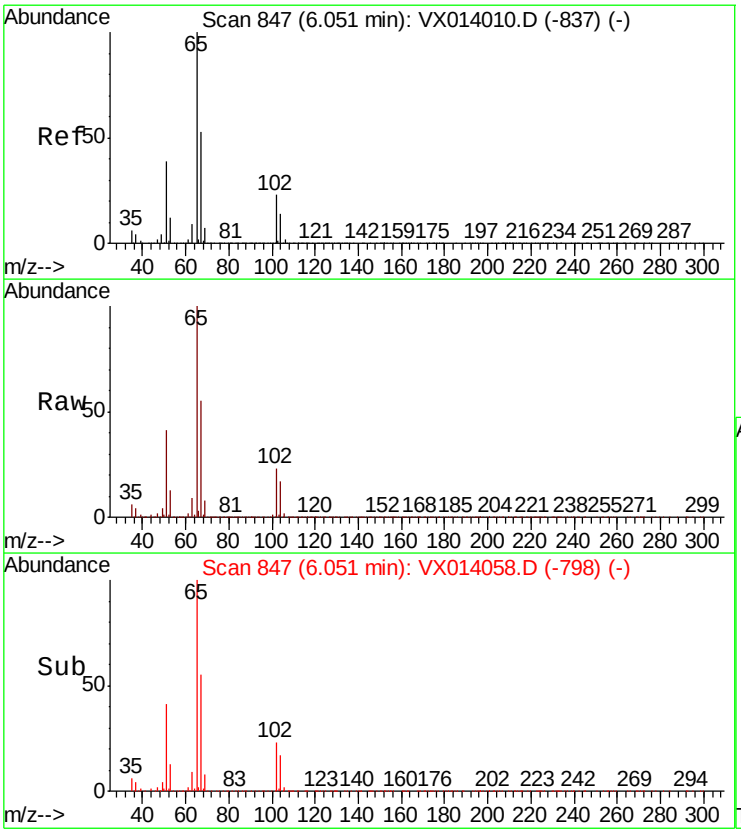
#30
Chloroform
Concen: 1.127 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 83 Resp: 11581

Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.8	76.2

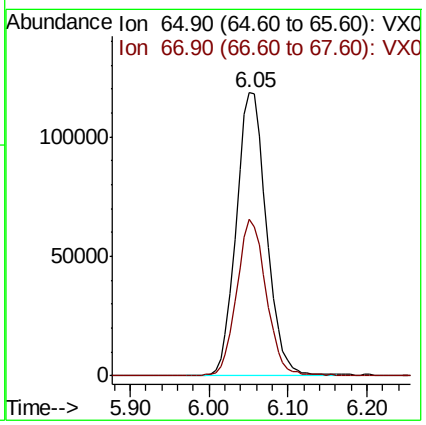


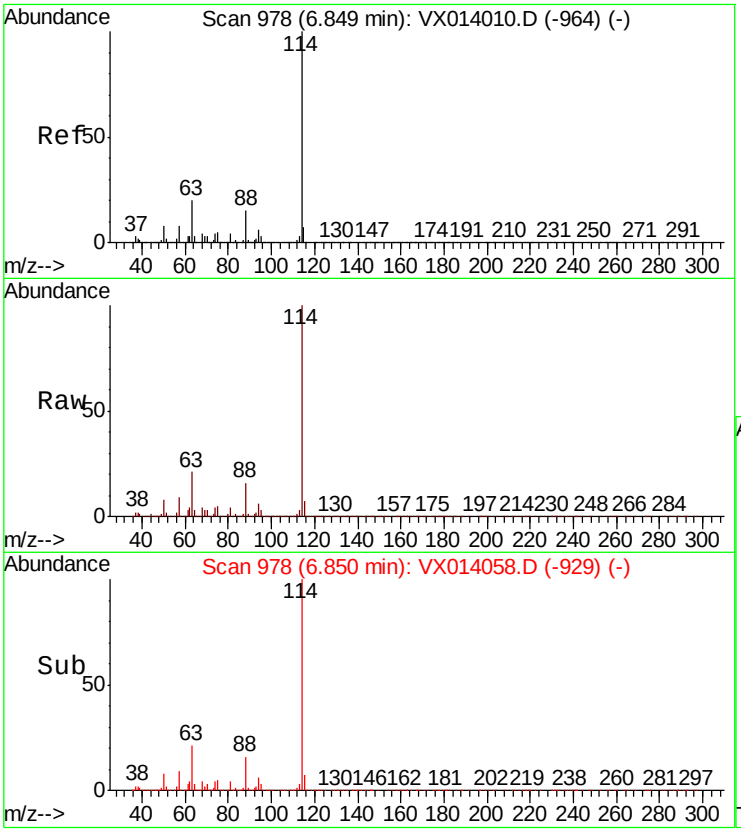


#33
1,2-Dichloroethane-d4
Concen: 48.818 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 65 Resp: 314892

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.4



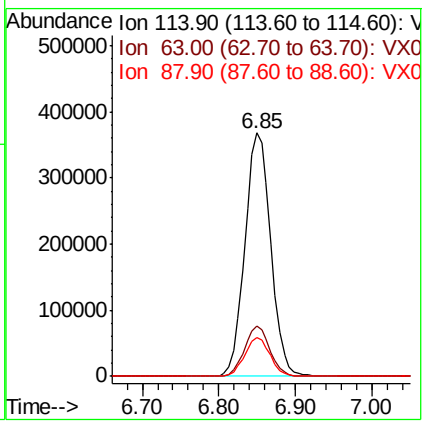


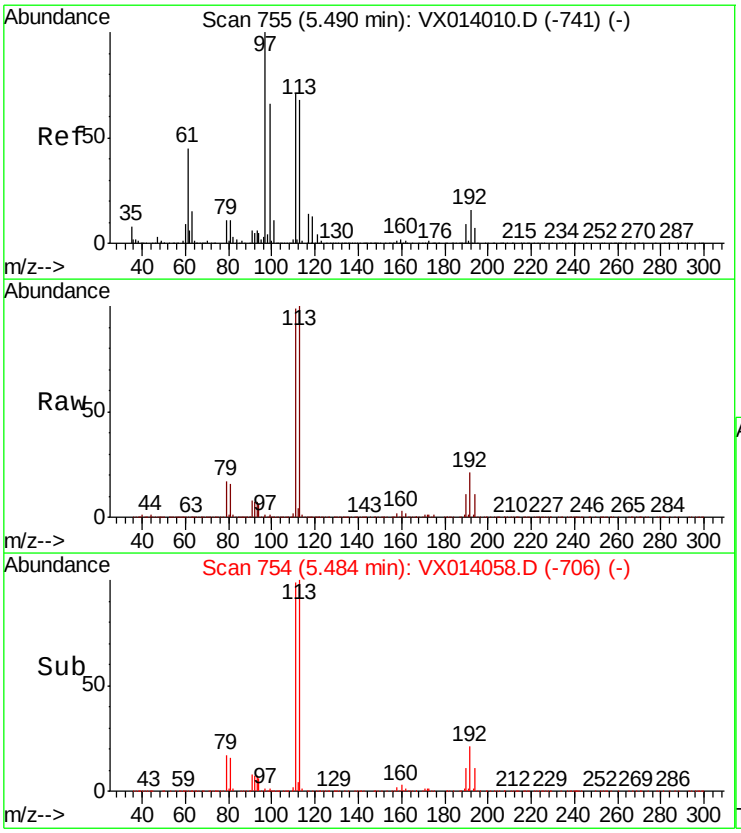
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion:114 Resp: 866870

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.0	0.0	30.4

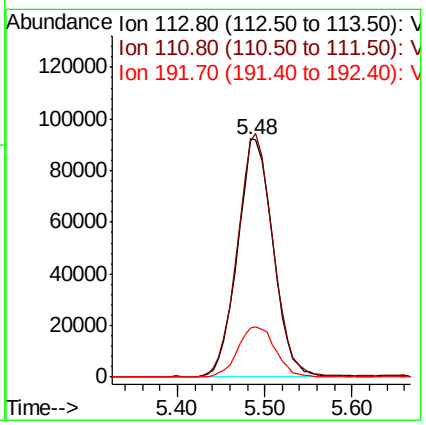


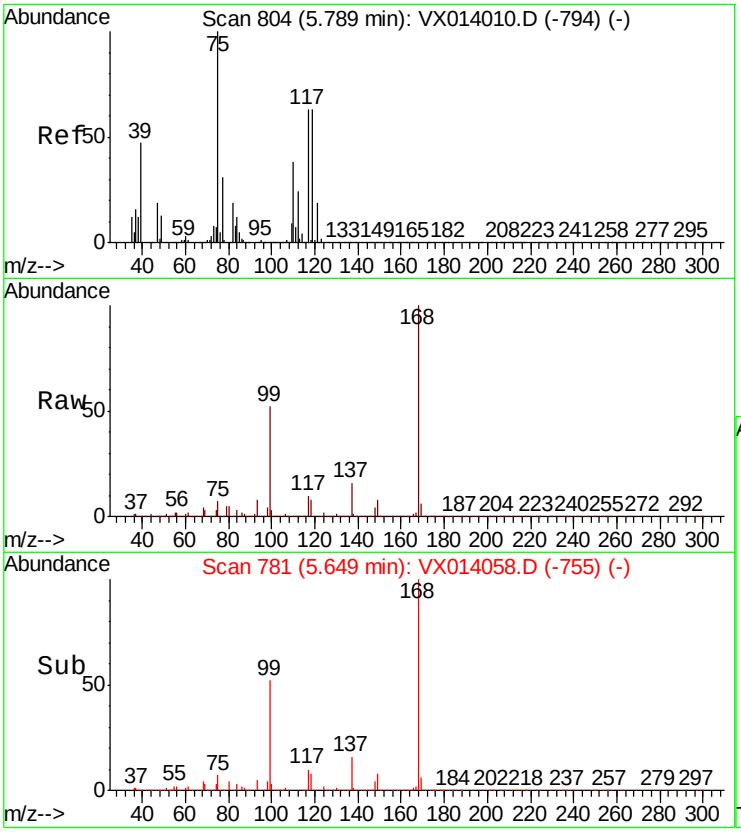


#35
Dibromofluoromethane
Concen: 49.506 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:113 Resp: 260878

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	22.4	19.3	28.9



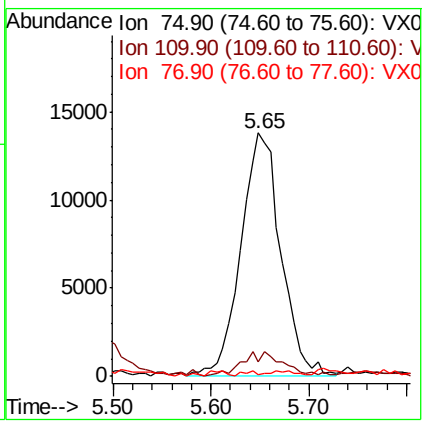


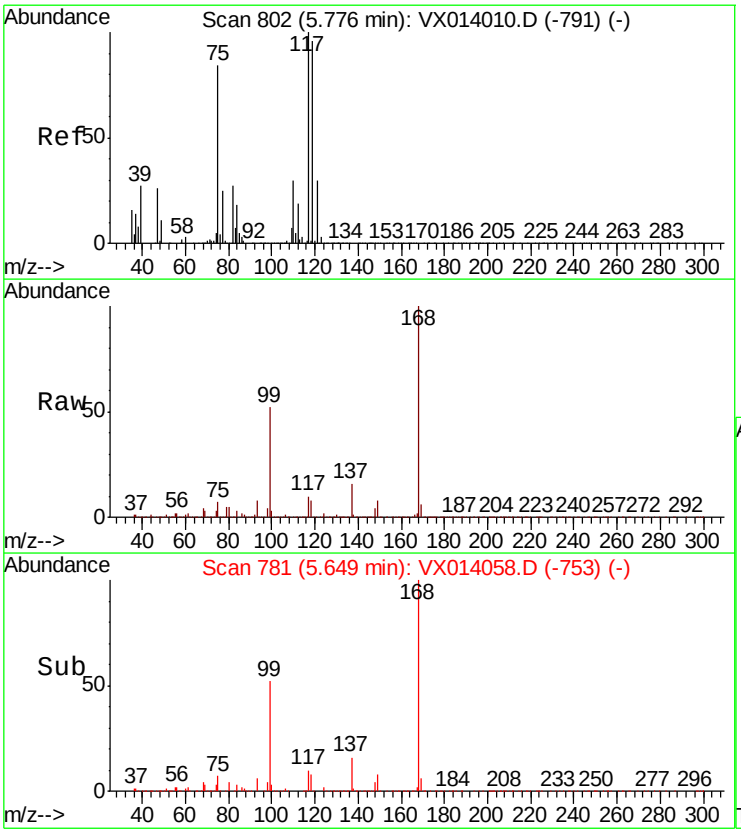
#36
1,1-Dichloropropene
Concen: 4.947 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 75 Resp: 39347

Ion	Ratio	Lower	Upper
75	100		
110	4.8	18.3	54.9#
77	0.7	24.8	37.2#

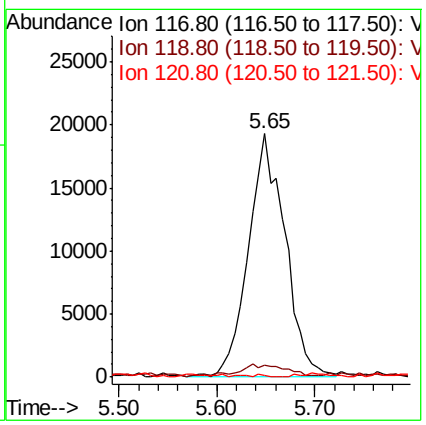


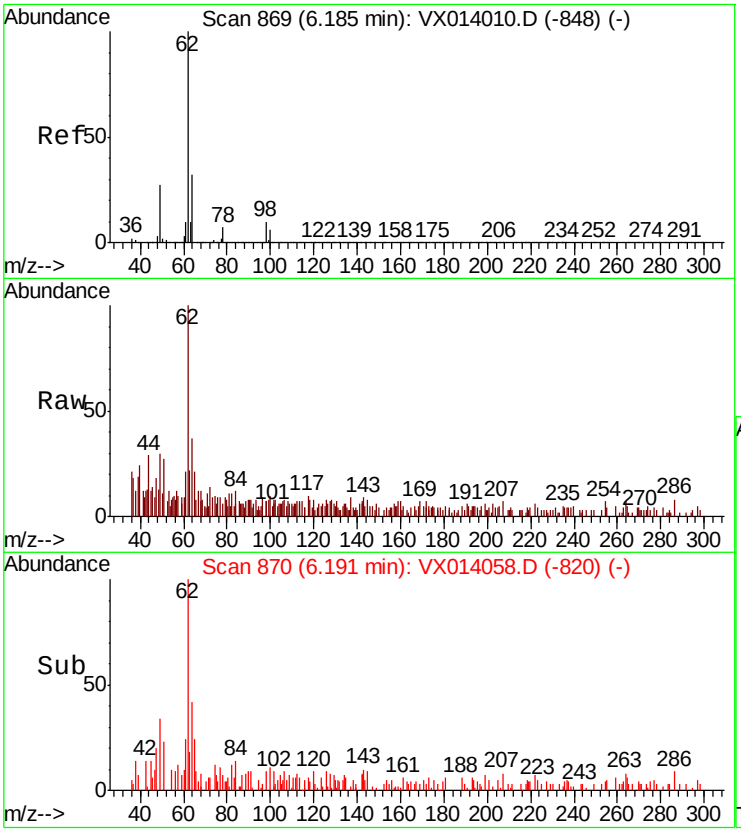


#38
Carbon Tetrachloride
Concen: 6.938 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:117 Resp: 50276

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.4#
121	0.2	23.6	35.4#



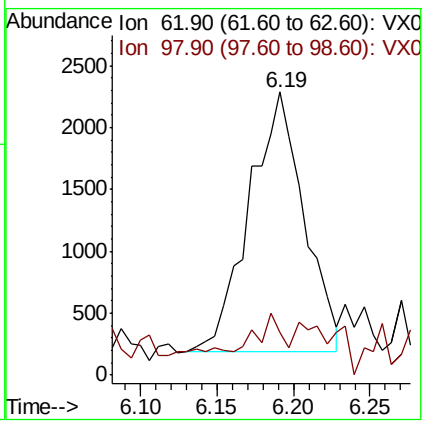


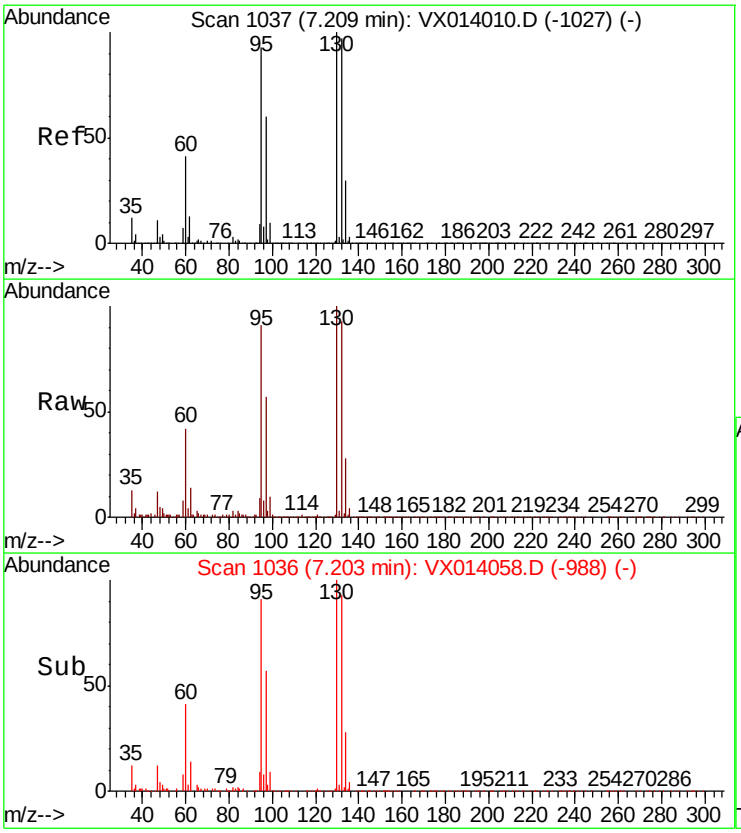
#42
1,2-Dichloroethane
Concen: 0.628 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 62 Resp: 5211

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	21.0

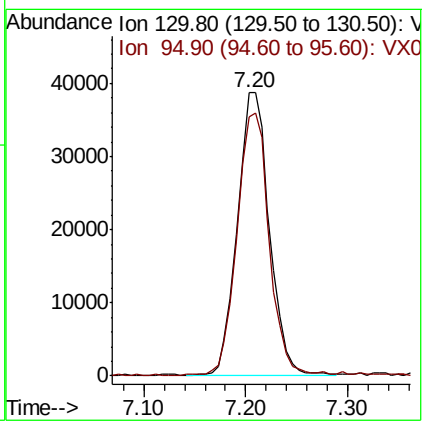


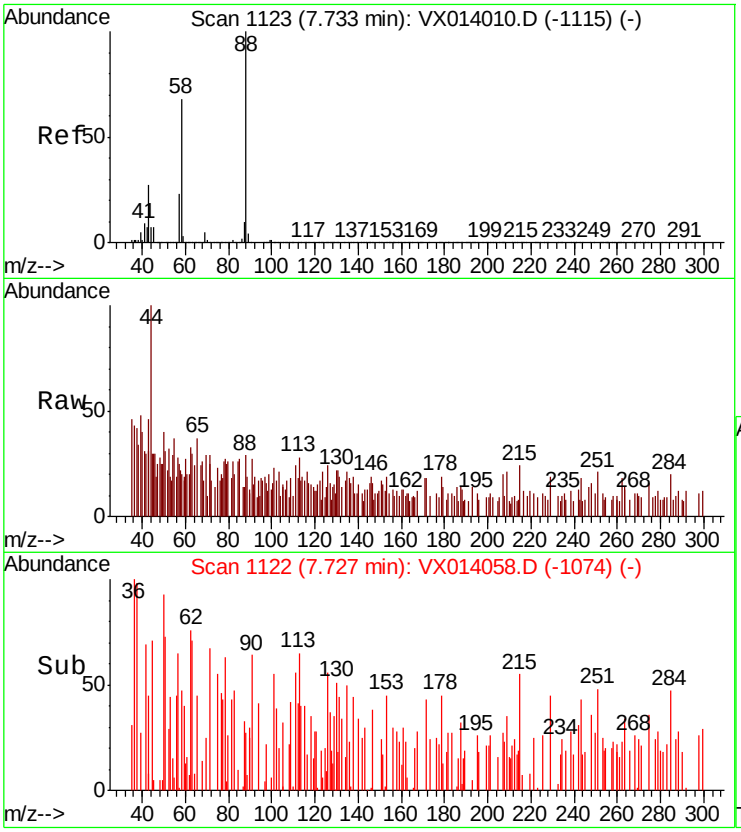


#44
Trichloroethene
Concen: 12.517 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:130 Resp: 84610

Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	185.6



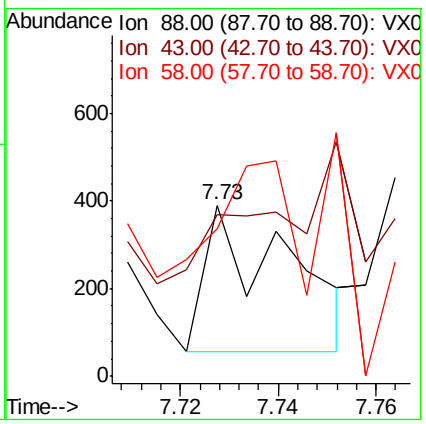


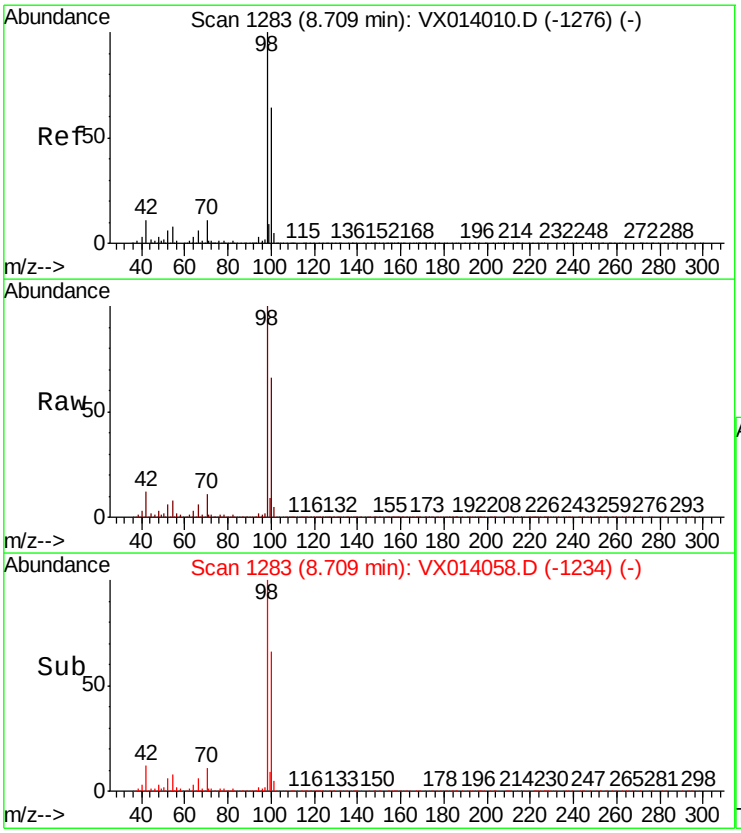
#49
1,4-Dioxane
Concen: 2.685 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 88 Resp: 389

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.5	39.7#
58	0.0	56.8	85.2#

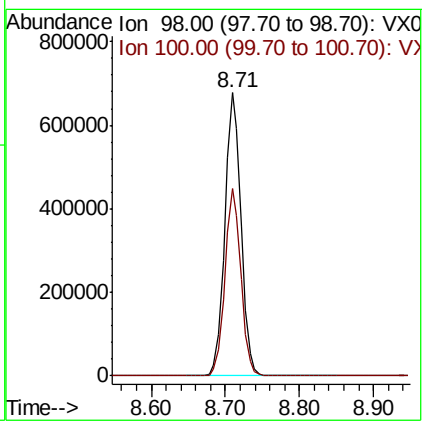


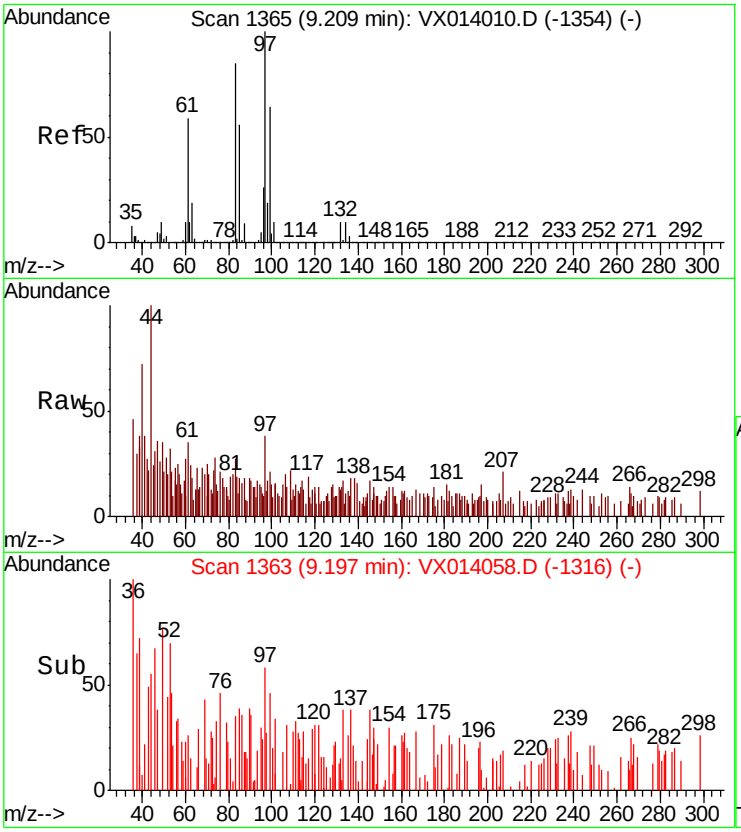


#50
Toluene-d8
Concen: 49.947 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 98 Resp: 1024716

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.9	79.3



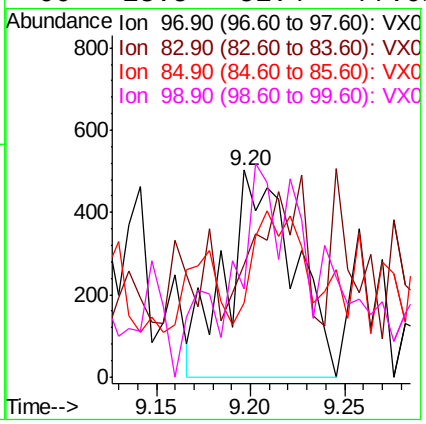


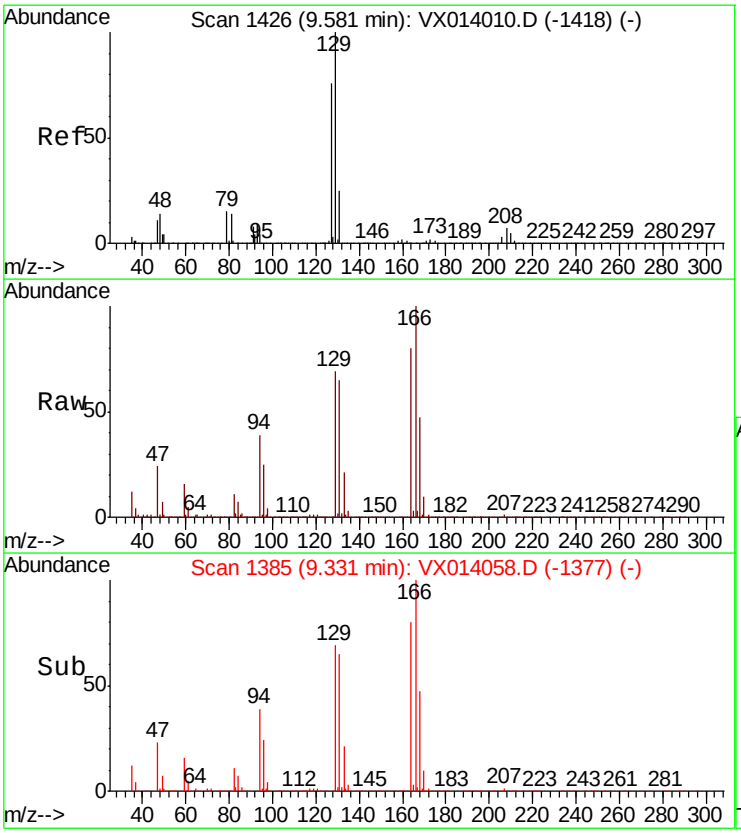
#55
1,1,2-Trichloroethane
Concen: 0.202 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 97 Resp: 1253

Ion	Ratio	Lower	Upper
97	100		
83	42.1	68.2	102.4#
85	0.0	44.6	66.8#
99	13.5	51.4	77.0#

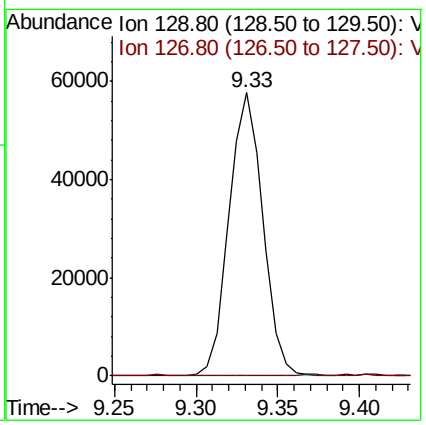


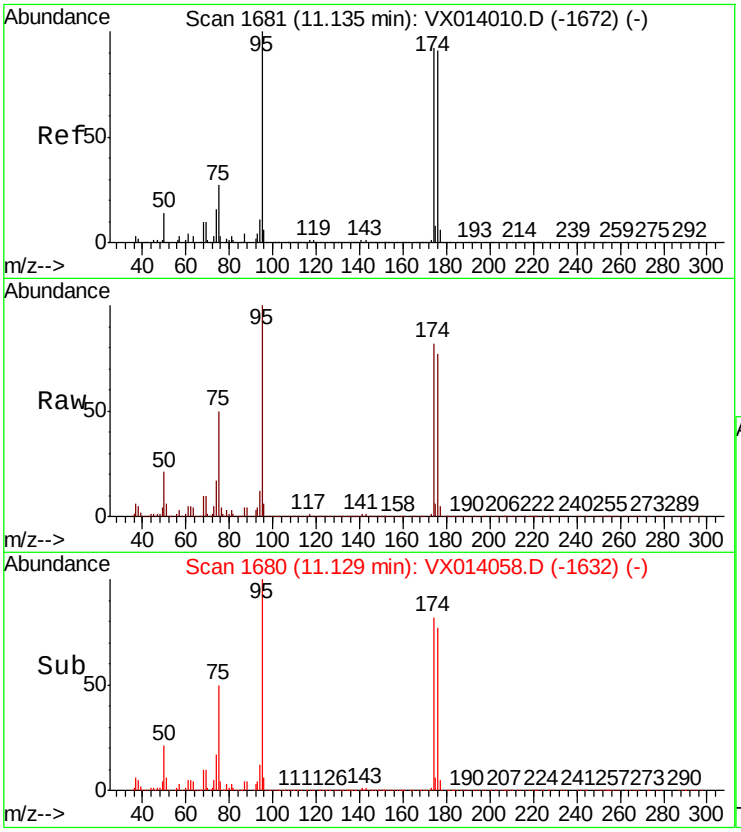


#60
Dibromochloromethane
Concen: 13.480 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:129 Resp: 83070

Ion	Ratio	Lower	Upper
129	100		
127	0.2	38.4	115.2#



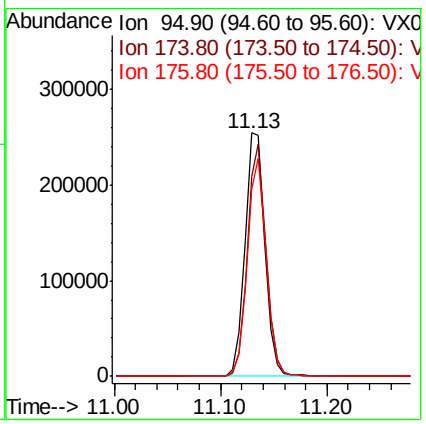


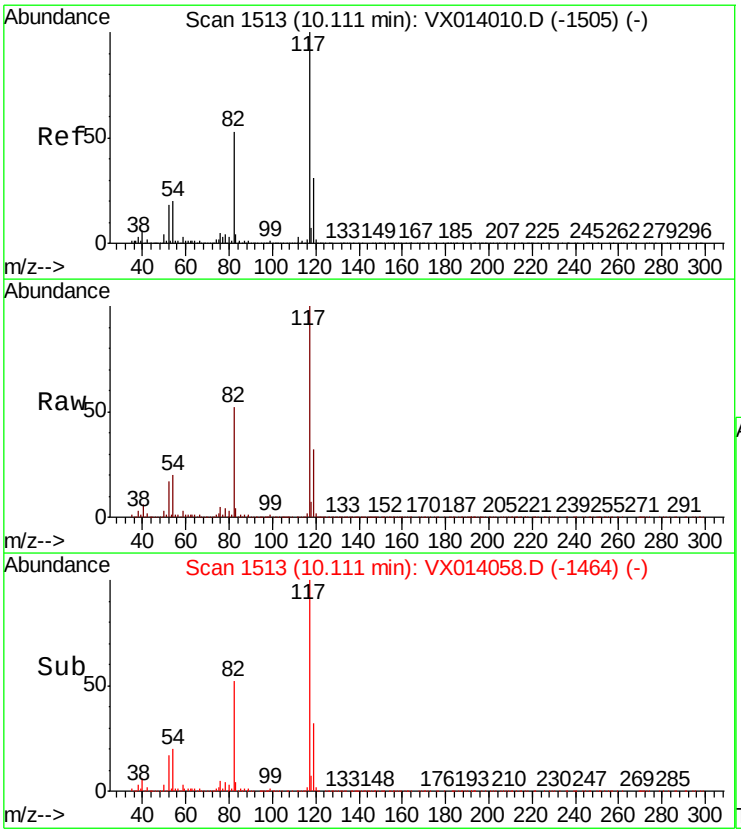
#62
4-Bromofluorobenzene
Concen: 44.703 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 95 Resp: 335247

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	175.8
176	85.3	0.0	173.0

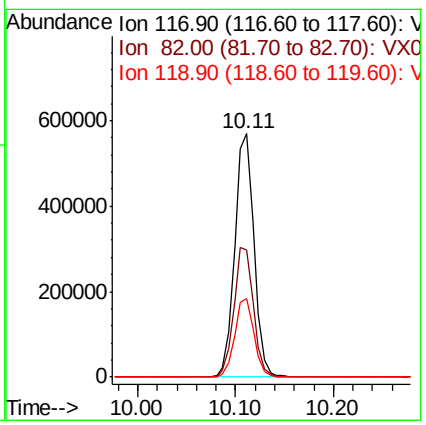


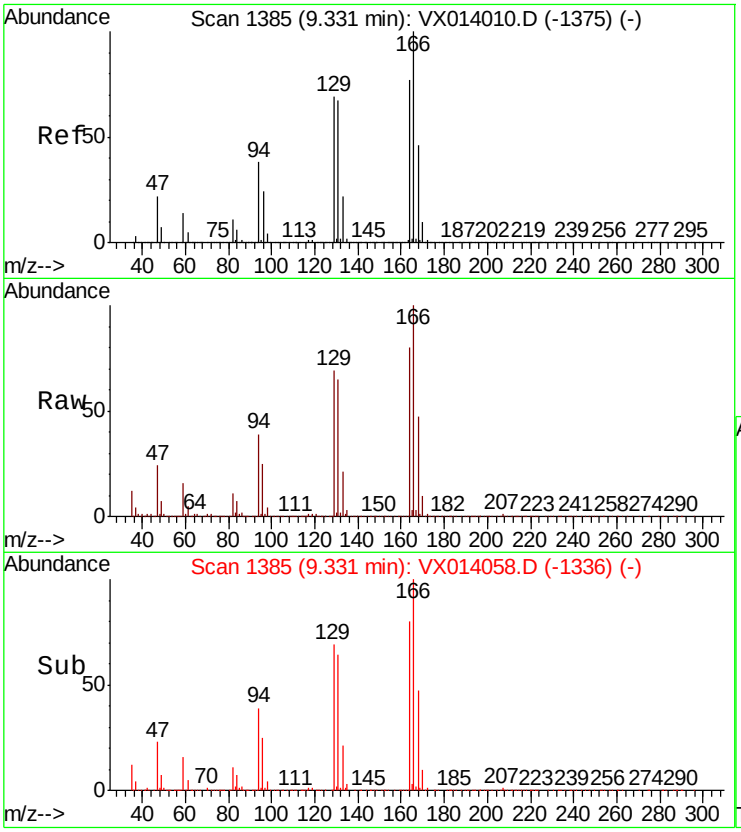


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:117 Resp: 775784

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	32.3	25.1	37.7



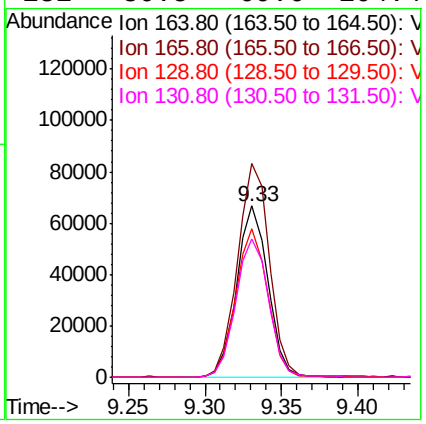


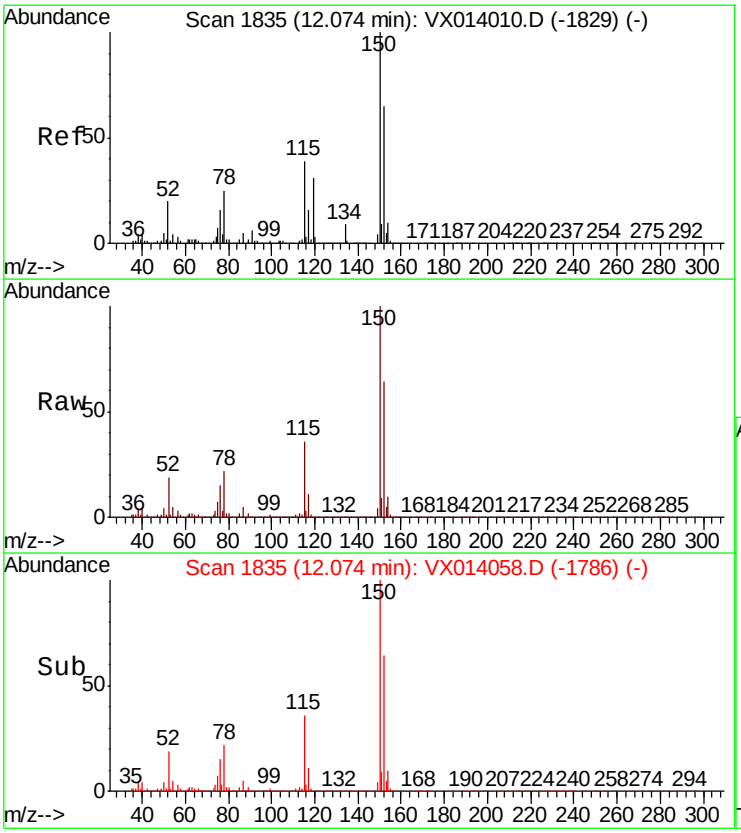
#64
Tetrachloroethene
Concen: 13.747 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion:164 Resp: 94369

Ion	Ratio	Lower	Upper
164	100		
166	124.6	104.0	156.0
129	86.3	72.2	108.4
131	80.5	69.6	104.4

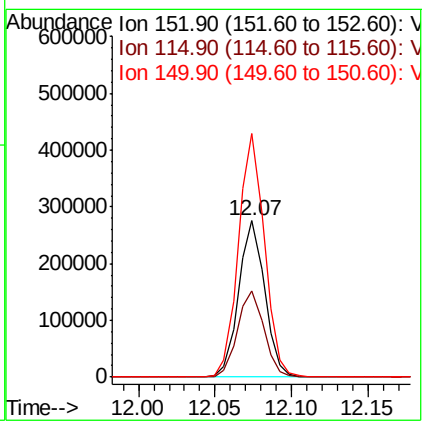


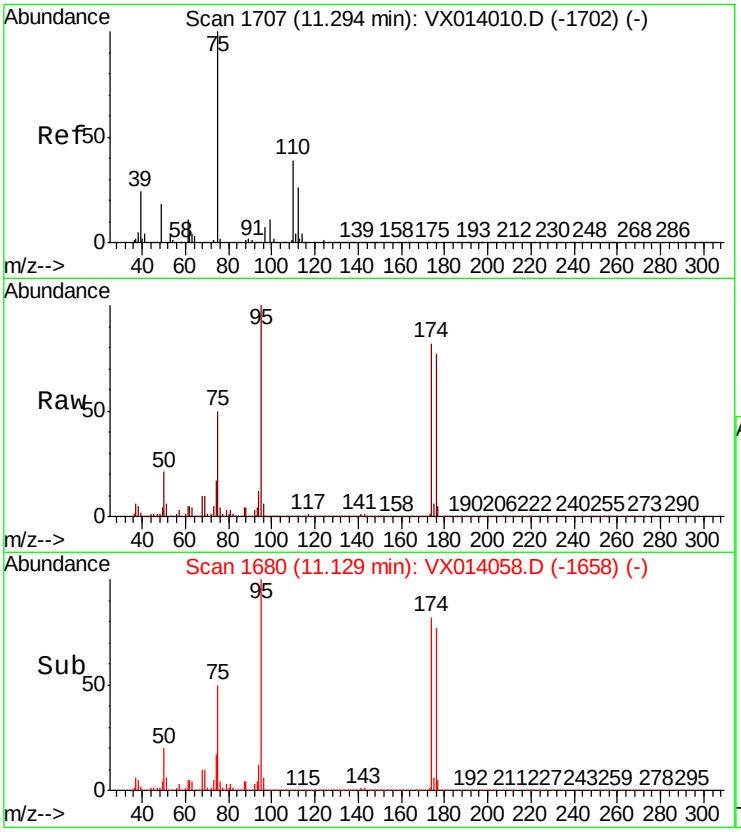


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:152 Resp: 324349

Ion	Ratio	Lower	Upper
152	100		
115	56.3	38.3	114.9
150	156.5	0.0	345.4



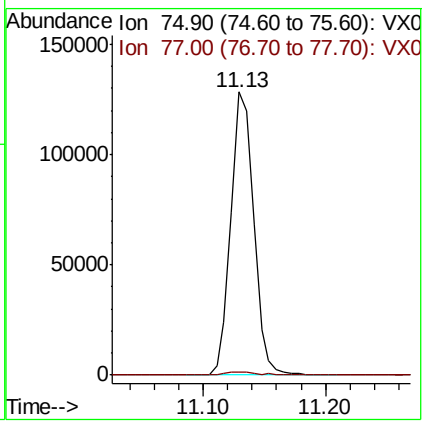


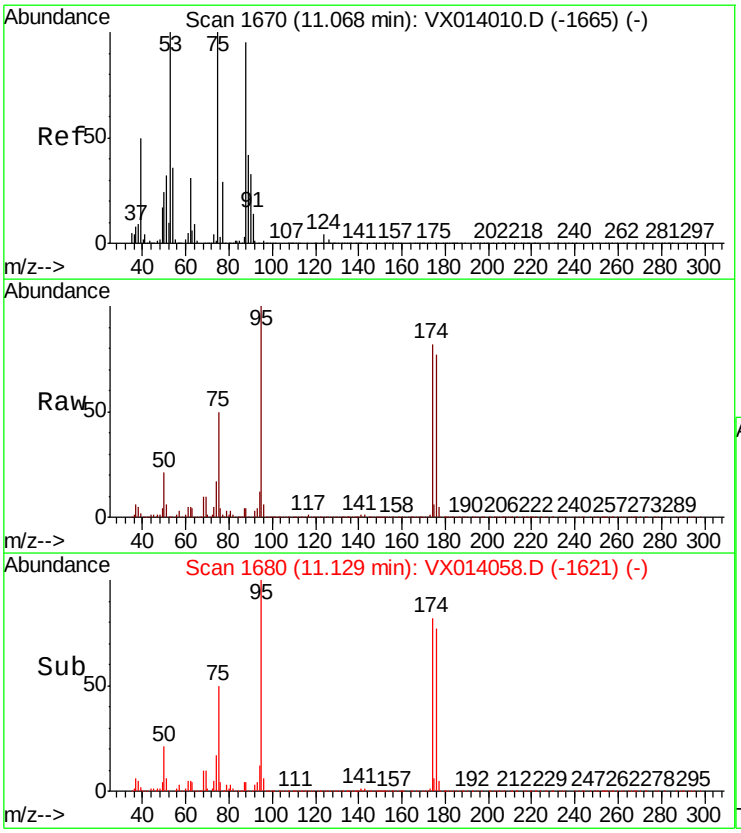
#76
1,2,3-Trichloropropane
Concen: 23.366 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 75 Resp: 164535

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.3	57.8#

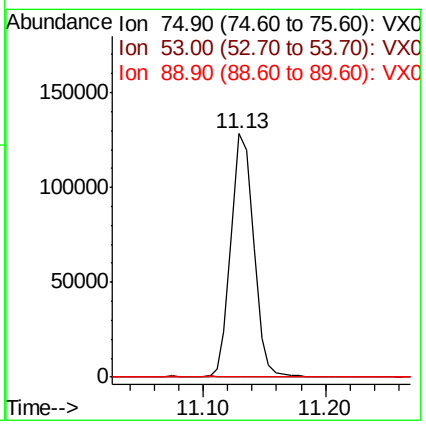


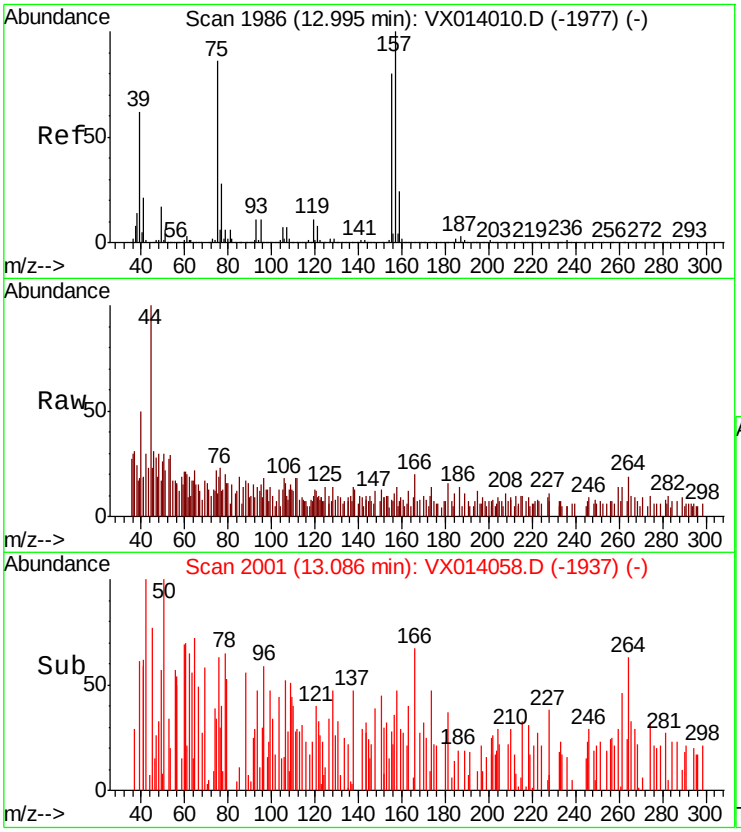


#81
trans-1,4-Dichloro-2-butene
Concen: 65.952 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 75 Resp: 164535

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.3	34.6	51.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.255 ug/l
RT: 13.09 min Scan# 2001
Delta R.T. 0.09 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tgt Ion: 75 Resp: 447

Ion	Ratio	Lower	Upper
75	100		
155	48.5	46.9	140.6
157	64.0	60.8	182.4