Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022620\
Data File : VX015025.D
Acq On : 26 Feb 2020 16:52
Operator : JC/SP
Sample : L1683-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-02-20200225

Quant Time: Feb 27 02:57:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	418325	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	653132	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	634446	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337377	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	233711	49.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.00%				
35) Dibromofluoromethane	5.50	113	200989	50.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.12%				
50) Toluene-d8	8.71	98	786551	51.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.64%				
62) 4-Bromofluorobenzene	11.14	95	296699	53.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	30785	7.771	ug/l		98
3) Chloromethane	1.32	50	1594	0.355	ug/l	#	72
4) Vinyl Chloride	1.40	62	31095	6.427	ug/l		99
7) Trichlorofluoromethane	1.93	101	2730	0.404	ug/l	#	83
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36469	9.294	ug/l		98
10) Methyl Iodide	2.48	142	290	4.429	ug/l	#	45
11) Tert butyl alcohol	3.02	59	177	0.212	ug/l	#	1
12) 1,1-Dichloroethene	2.37	96	71781	18.720	ug/l		99
13) Acrolein	2.31	56	176	0.277	ug/l	#	63
16) Acetone	2.44	43	1330	Below Cal			96
21) trans-1,2-Dichloroethene	3.16	96	83675	19.777	ug/l		96
24) 1,1-Dichloroethane	3.69	63	2100	0.287	ug/l	#	83
27) cis-1,2-Dichloroethene	4.59	96	3951625	835.534	ug/l		88
28) Bromochloromethane	5.02	49	883	0.311	ug/l	#	41
31) Cyclohexane	5.65	56	7138	1.069	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	28559	4.888	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	36360	6.386	ug/l	#	16
39) Methylcyclohexane	7.22	83	217878	29.818	ug/l	#	1
44) Trichloroethene	7.22	130	17714892	3495.769	ug/l		95
49) 1,4-Dioxane	7.76	88	281	3.038	ug/l	#	1
64) Tetrachloroethene	9.33	164	6611	1.114	ug/l	#	80
76) 1,2,3-Trichloropropane	11.13	75	144936	23.757	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	144936	60.810	ug/l	#	12

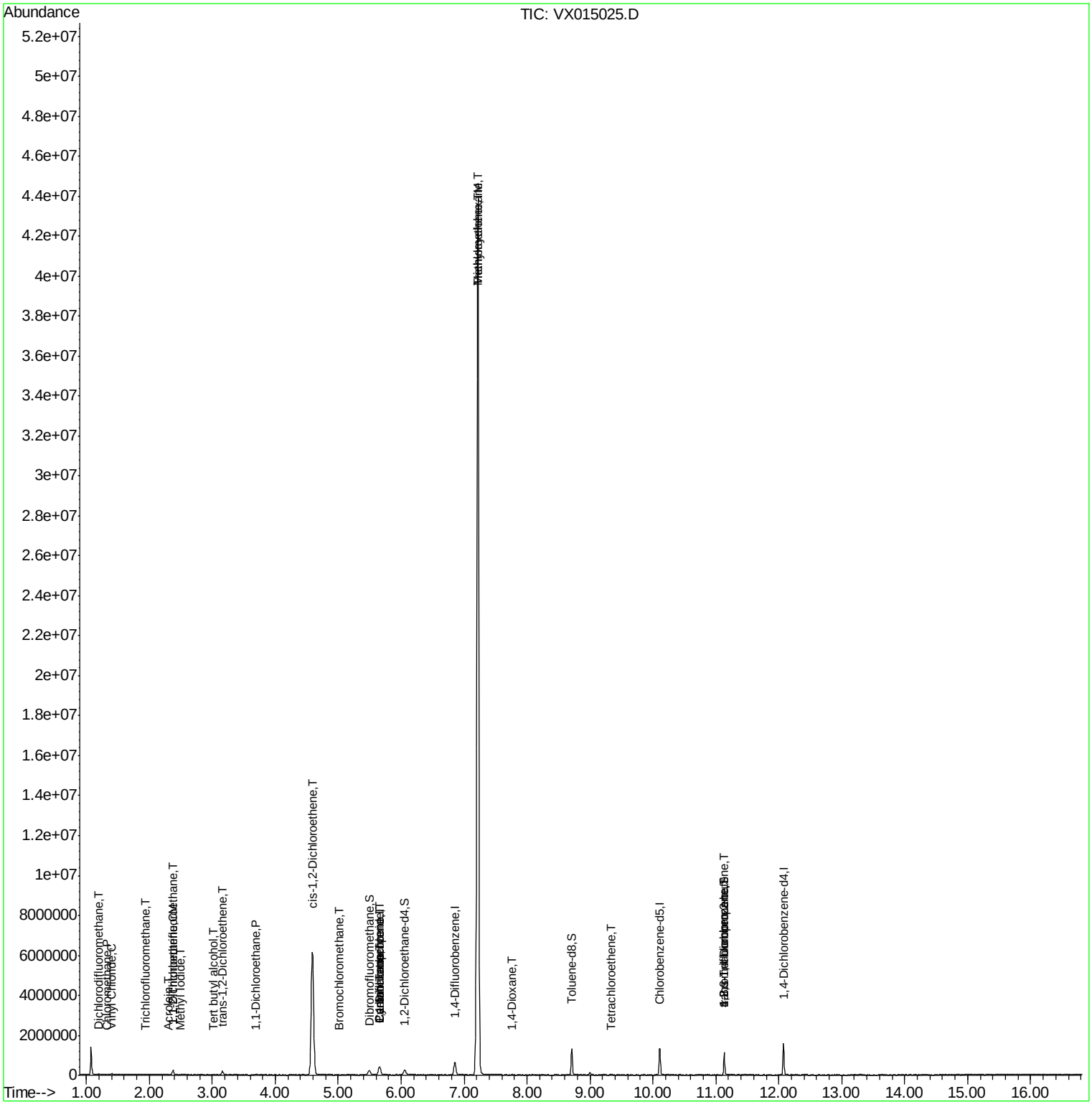
(#) = qualifier out of range (m) = manual integration (+) = signals summed

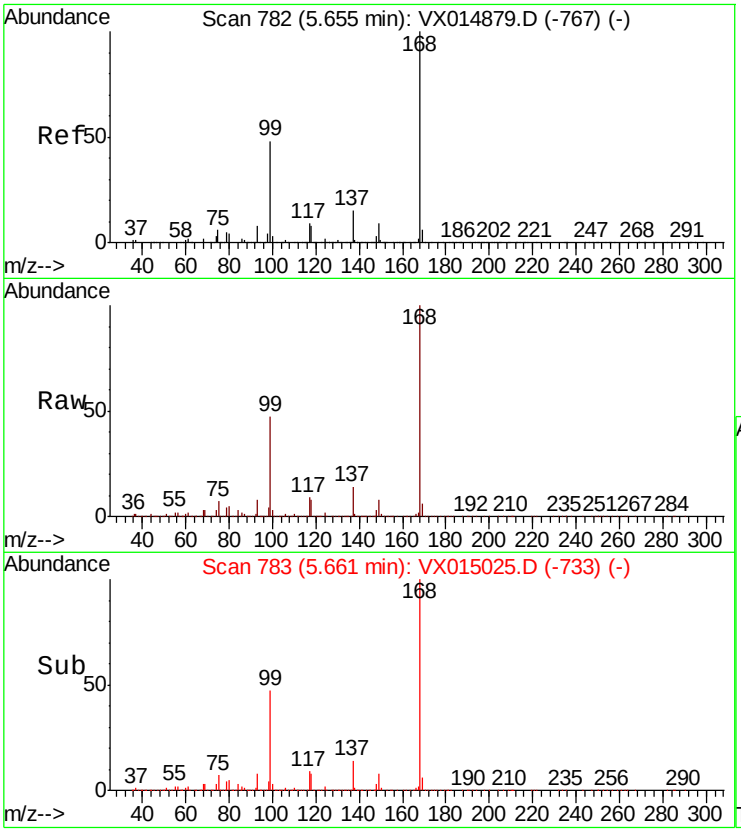
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
Data File : VX015025.D
Acq On : 26 Feb 2020 16:52
Operator : JC/SP
Sample : L1683-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Quant Time: Feb 27 02:57:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration



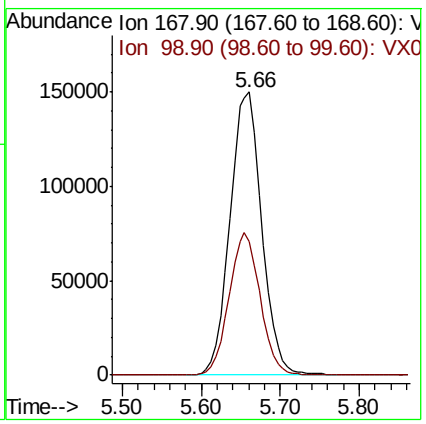


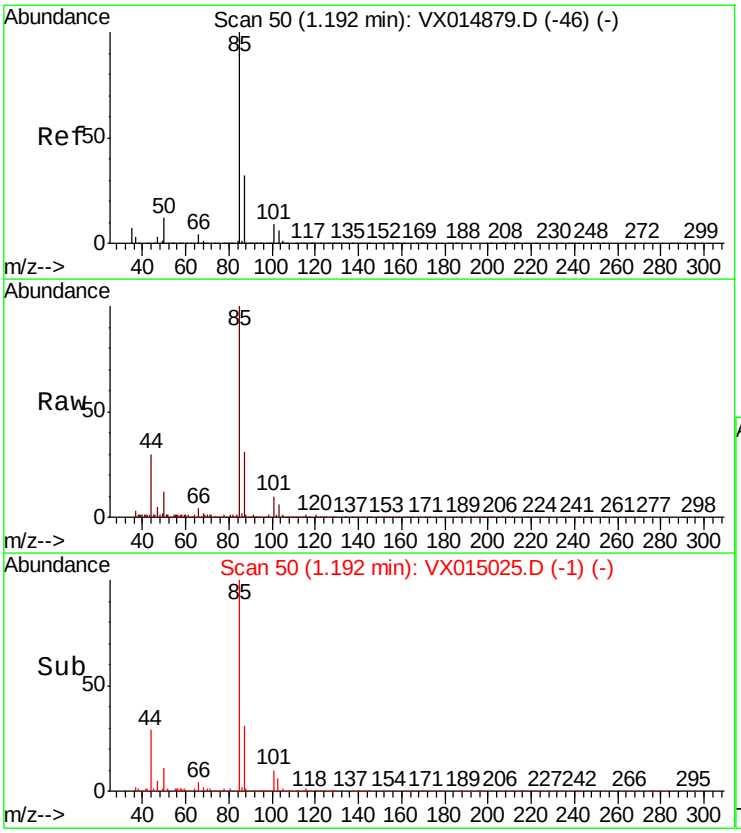
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 783
Delta R.T. 0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion:168 Resp: 418325

Ion	Ratio	Lower	Upper
168	100		
99	47.2	38.7	58.1

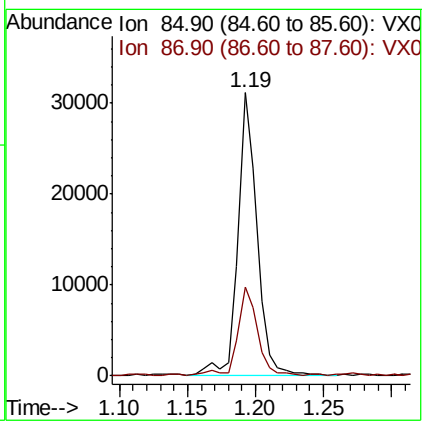


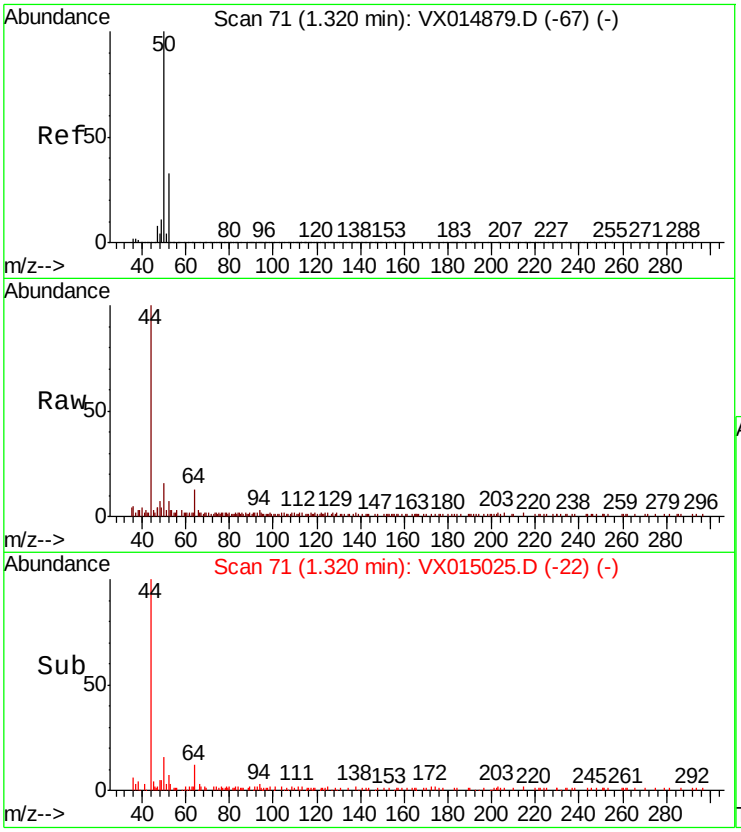


#2
Dichlorodifluoromethane
Concen: 7.771 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 85 Resp: 30785

Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.1	48.2



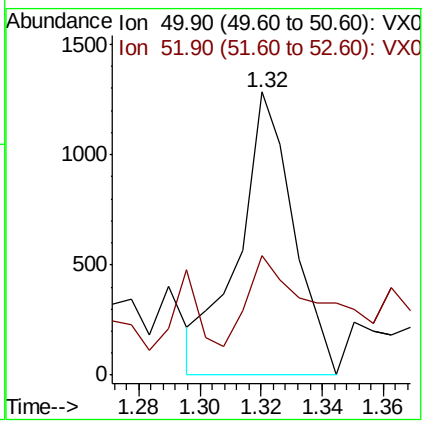


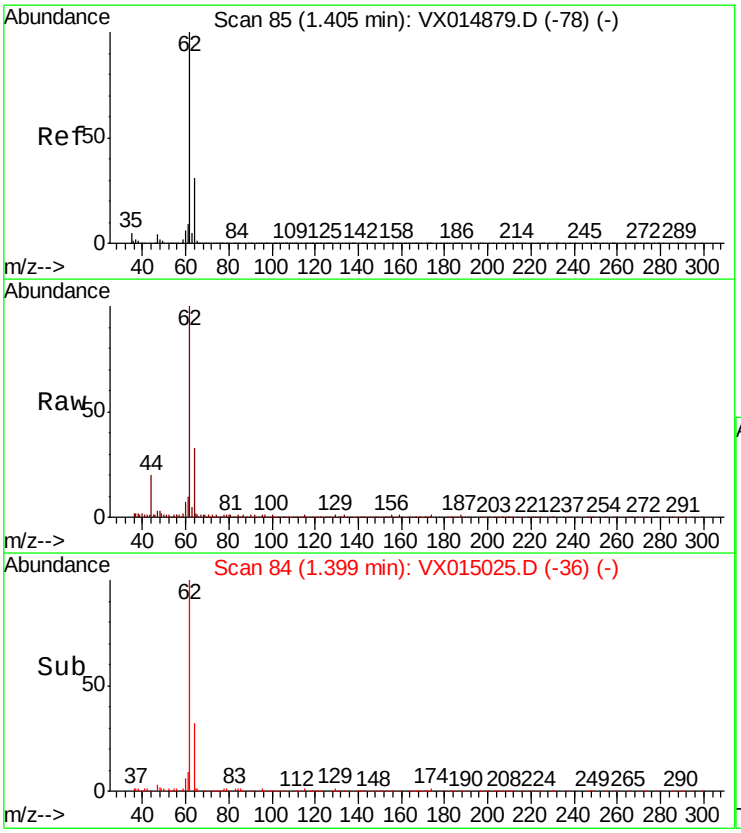
#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion: 50 Resp: 1594

Ion	Ratio	Lower	Upper
50	100		
52	16.7	26.2	39.2#

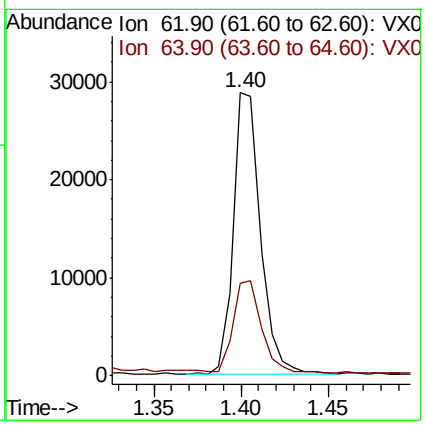


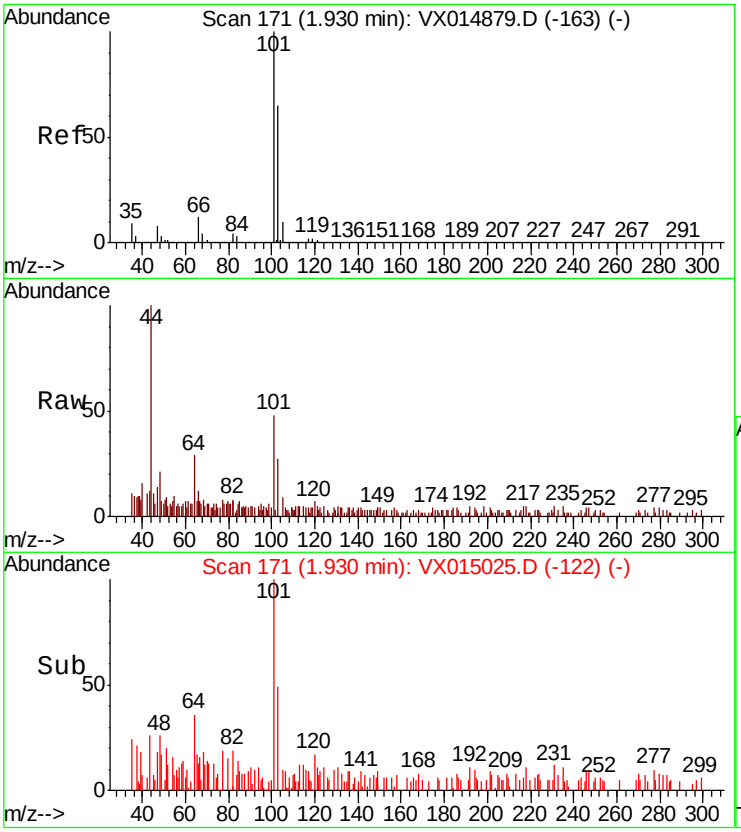


#4
Vinyl Chloride
Concen: 6.427 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 62 Resp: 31095

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.8	37.2



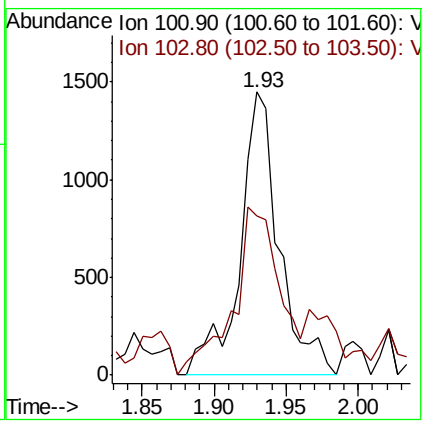


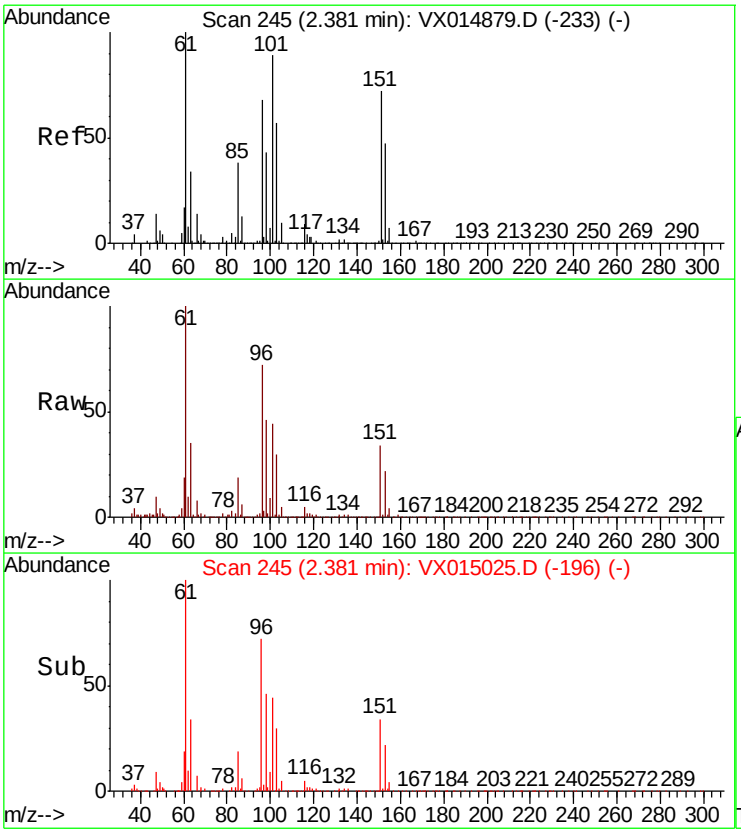
#7
Trichlorofluoromethane
Concen: 0.404 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion:101 Resp: 2730

Ion	Ratio	Lower	Upper
101	100		
103	51.8	52.2	78.4#

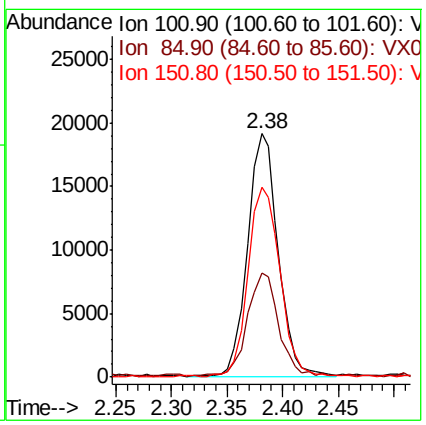


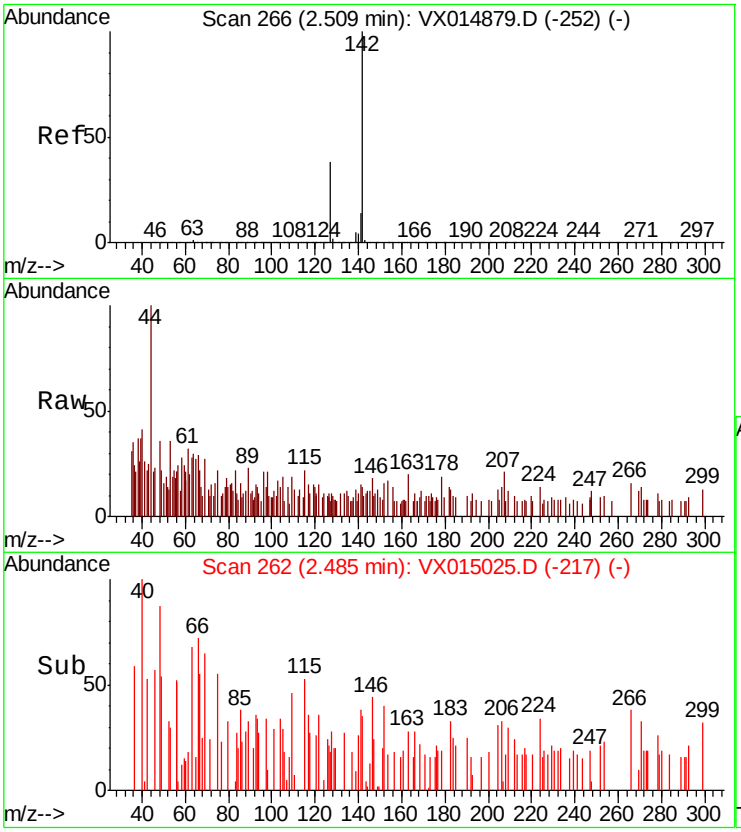


#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.294 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion:101 Resp: 36469

Ion	Ratio	Lower	Upper
101	100		
85	43.9	34.1	51.1
151	82.9	67.3	100.9



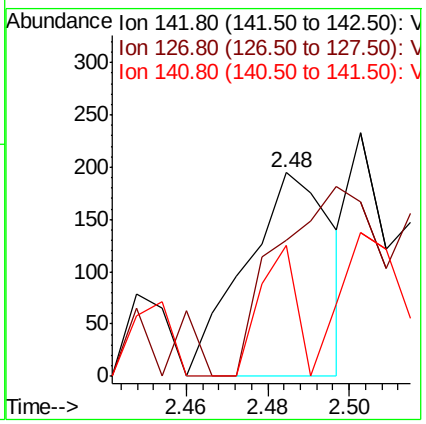


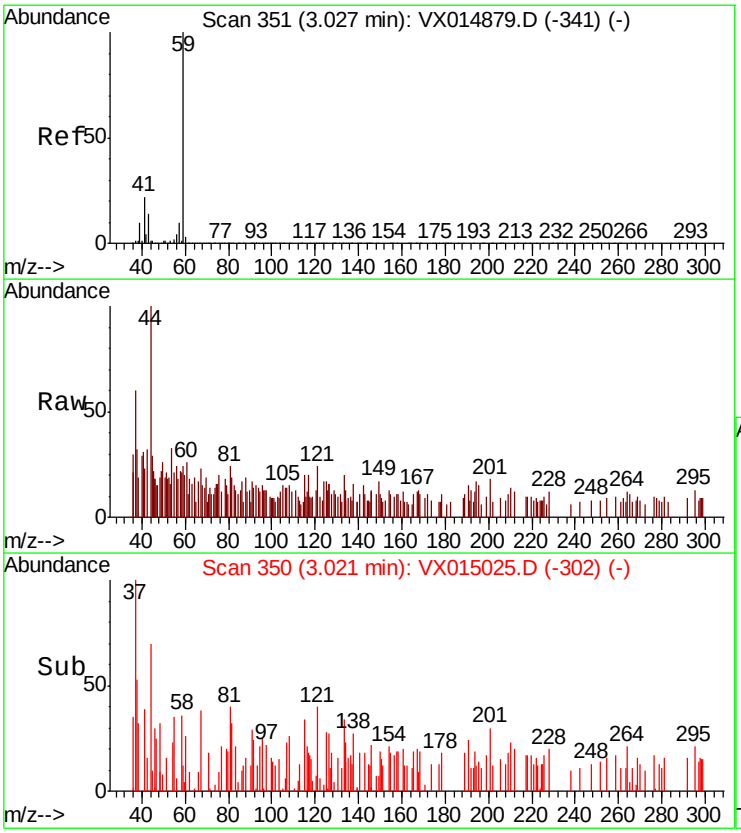
#10
Methyl Iodide
Concen: 4.429 ug/l
RT: 2.48 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument : MSVOA_X
ClientSampleId : DUP-02-20200225

Tgt Ion:142 Resp: 290

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.1	46.7#
141	26.9	11.3	16.9#

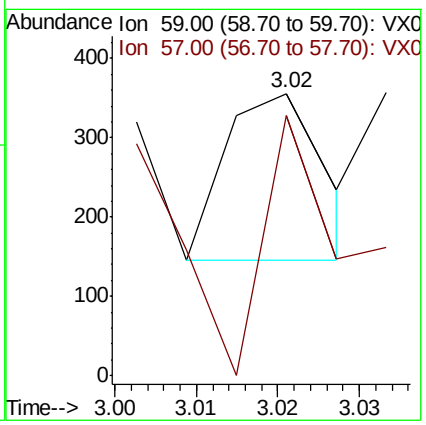


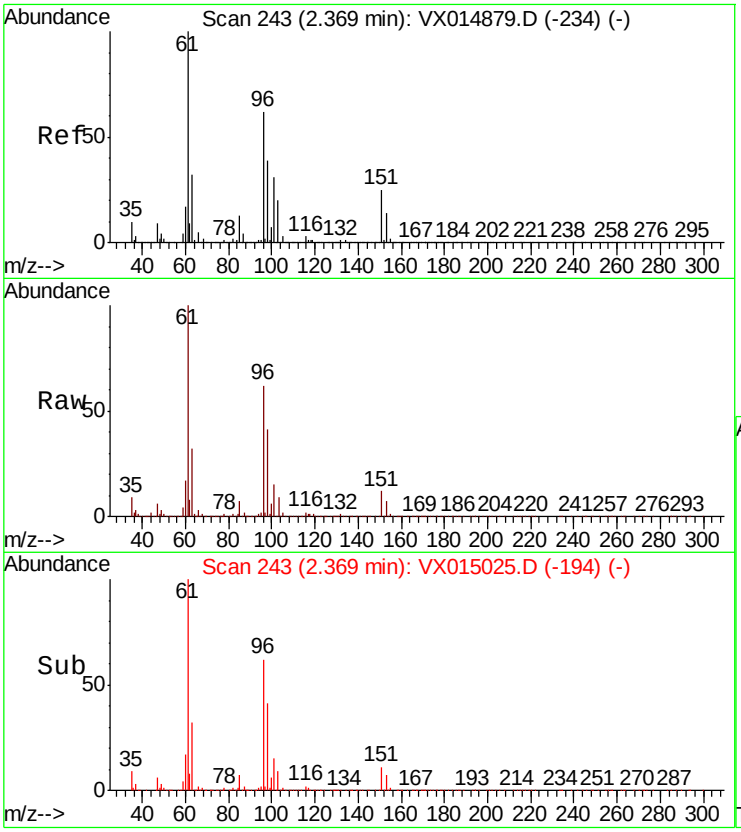


#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 59 Resp: 177

Ion	Ratio	Lower	Upper
59	100		
57	131.6	8.2	12.4#



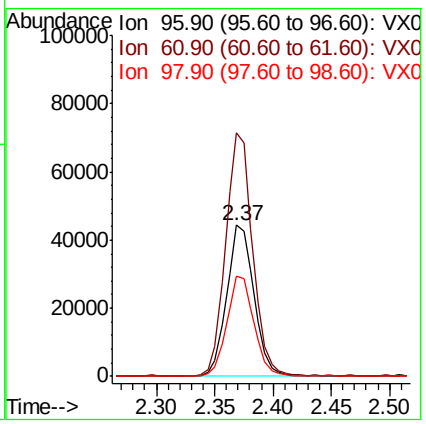


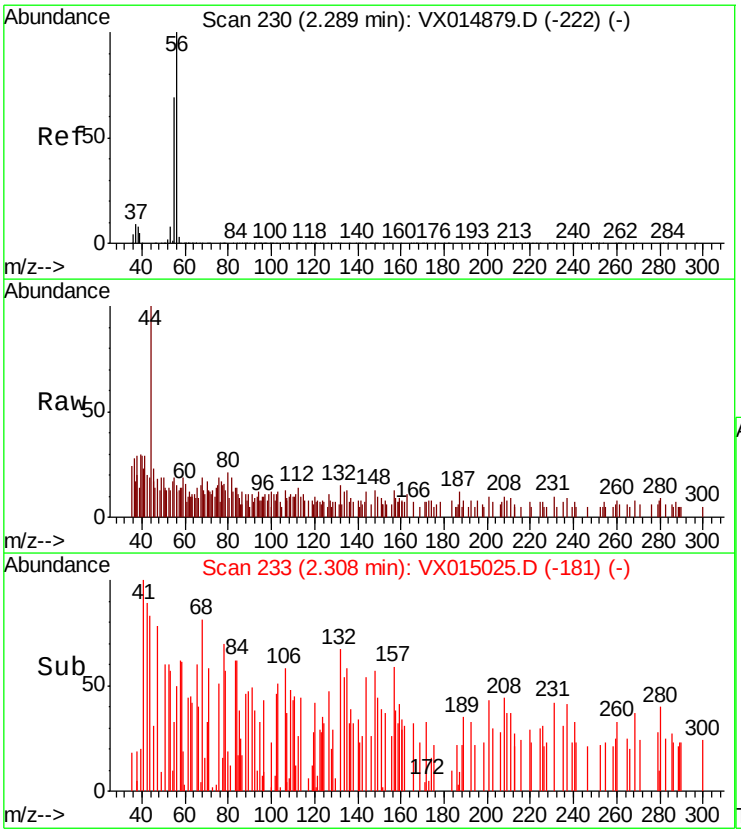
#12
1,1-Dichloroethene
Concen: 18.720 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion: 96 Resp: 71781

Ion	Ratio	Lower	Upper
96	100		
61	161.0	129.5	194.3
98	65.9	50.6	76.0

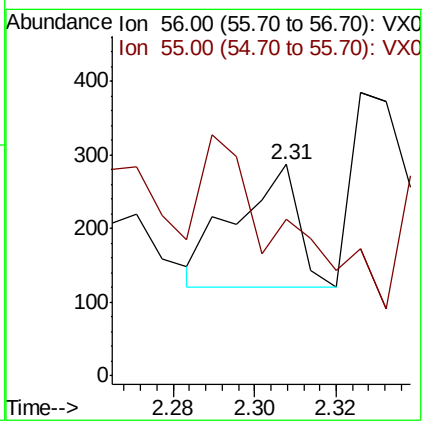


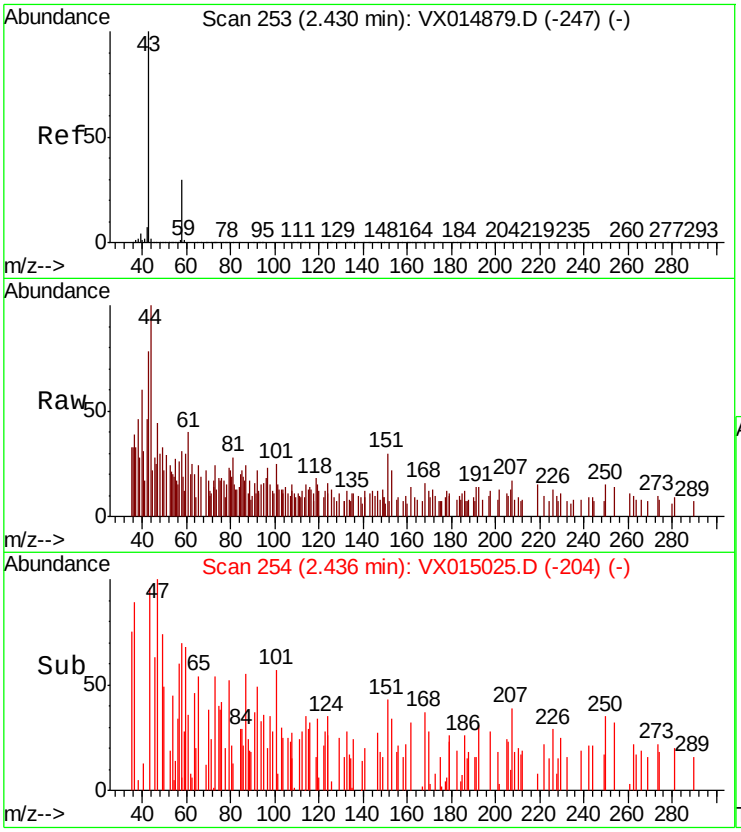


#13
Acrolein
Concen: 0.277 ug/l
RT: 2.31 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 56 Resp: 176

Ion	Ratio	Lower	Upper
56	100		
55	98.9	55.0	82.4#



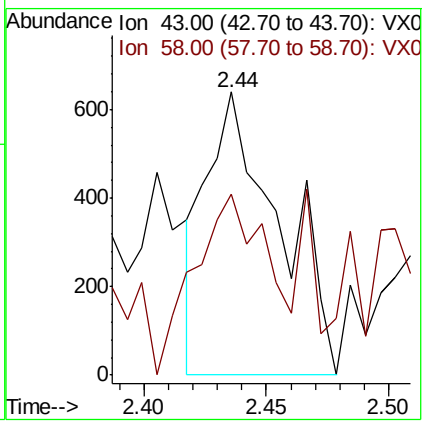


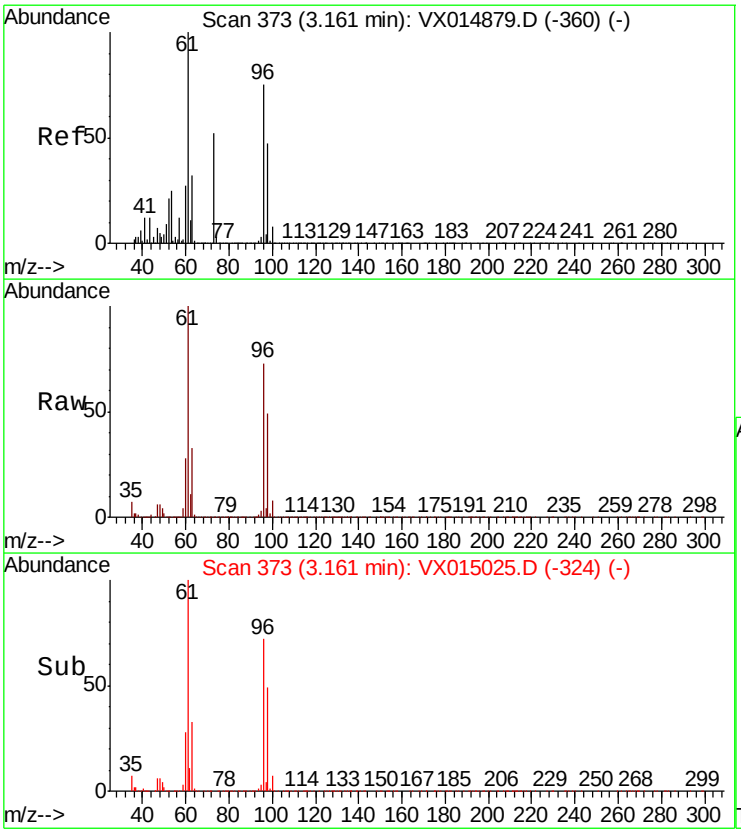
#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument : MSVOA_X
ClientSampleId : DUP-02-20200225

Tgt Ion: 43 Resp: 1330

Ion	Ratio	Lower	Upper
43	100		
58	27.7	24.1	36.1

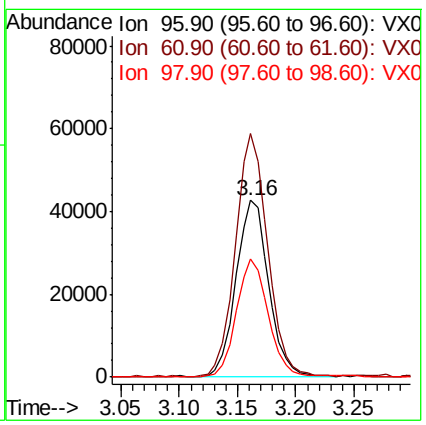


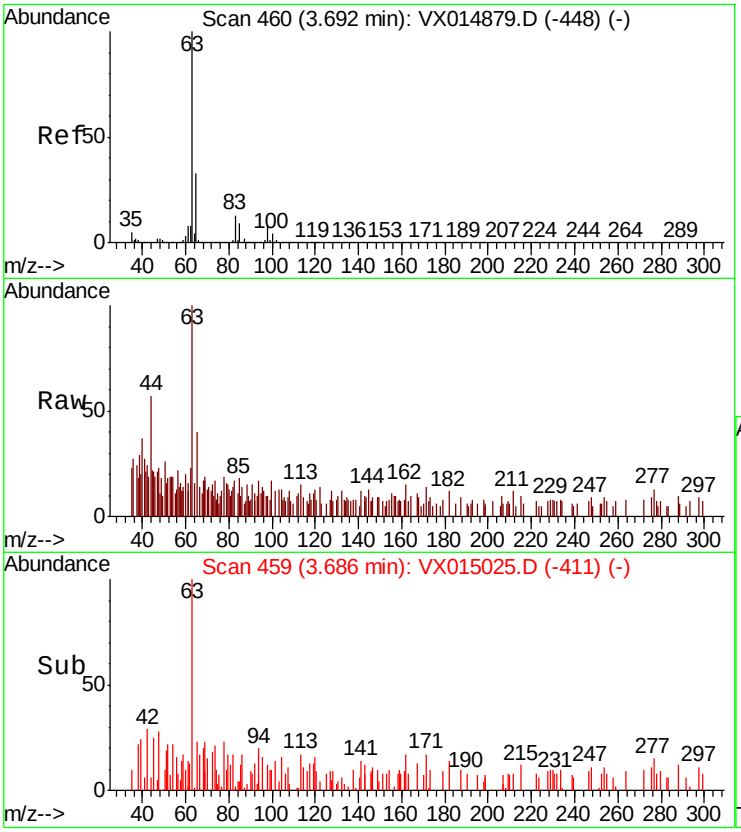


#21
trans-1,2-Dichloroethene
Concen: 19.777 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 96 Resp: 83675

Ion	Ratio	Lower	Upper
96	100		
61	137.8	106.9	160.3
98	66.9	50.7	76.1



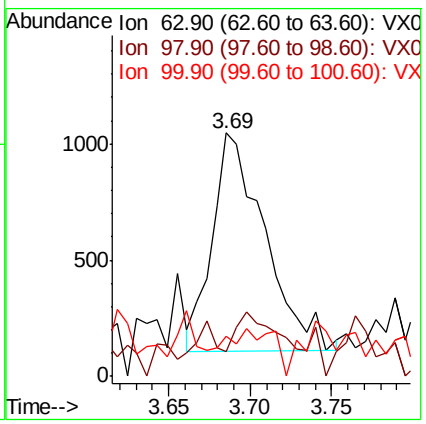


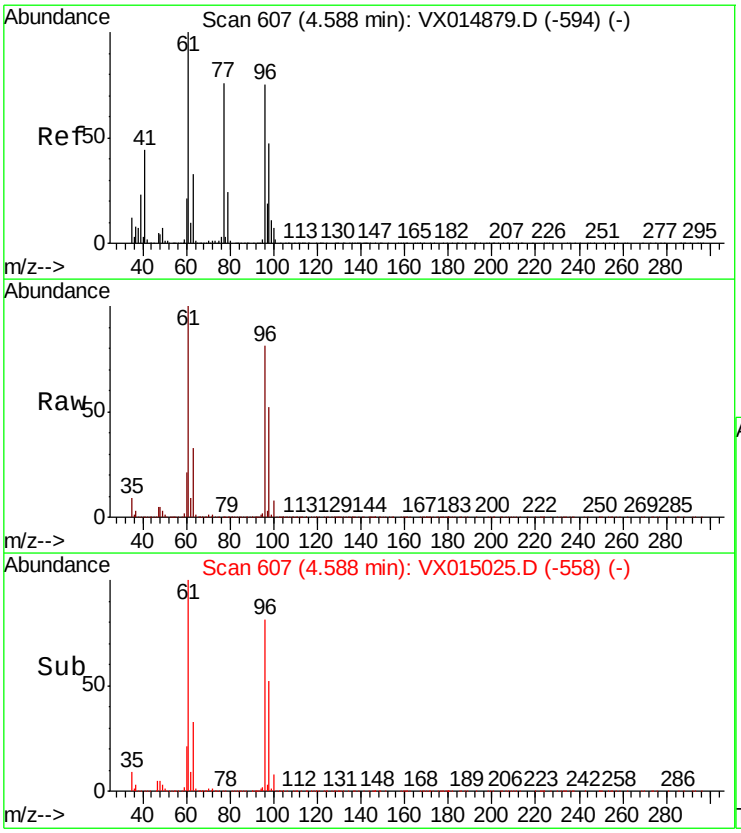
#24
1,1-Dichloroethane
Concen: 0.287 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion: 63 Resp: 2100

Ion	Ratio	Lower	Upper
63	100		
98	0.8	3.9	11.5#
100	0.0	2.2	6.6#

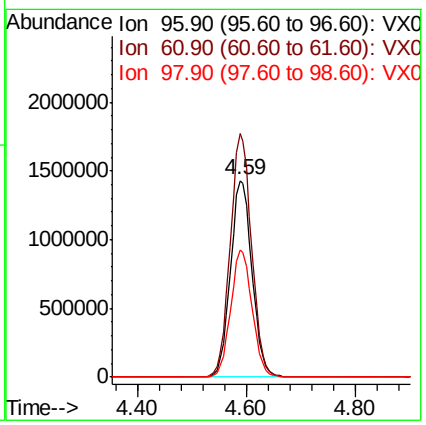


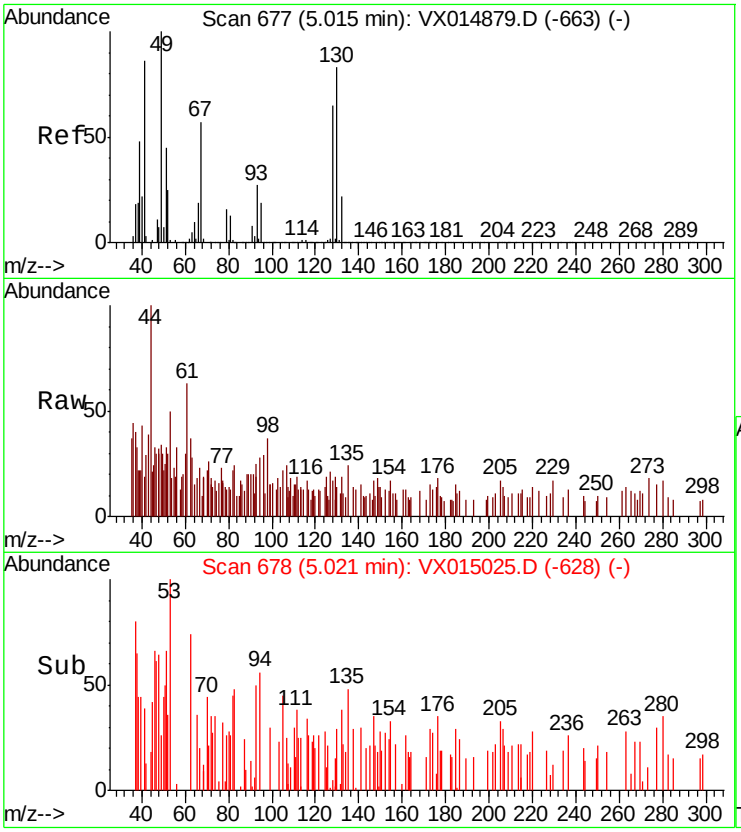


#27
cis-1,2-Dichloroethene
Concen: 835.534 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 96 Resp: 3951625

Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	286.2
98	64.3	0.0	131.0



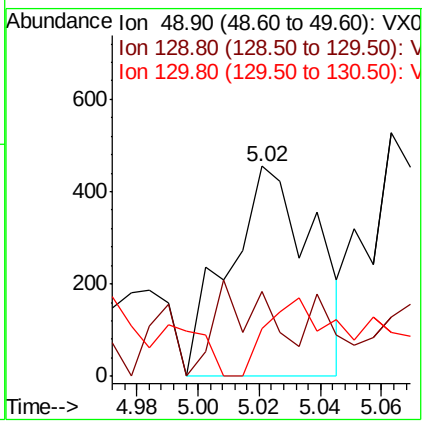


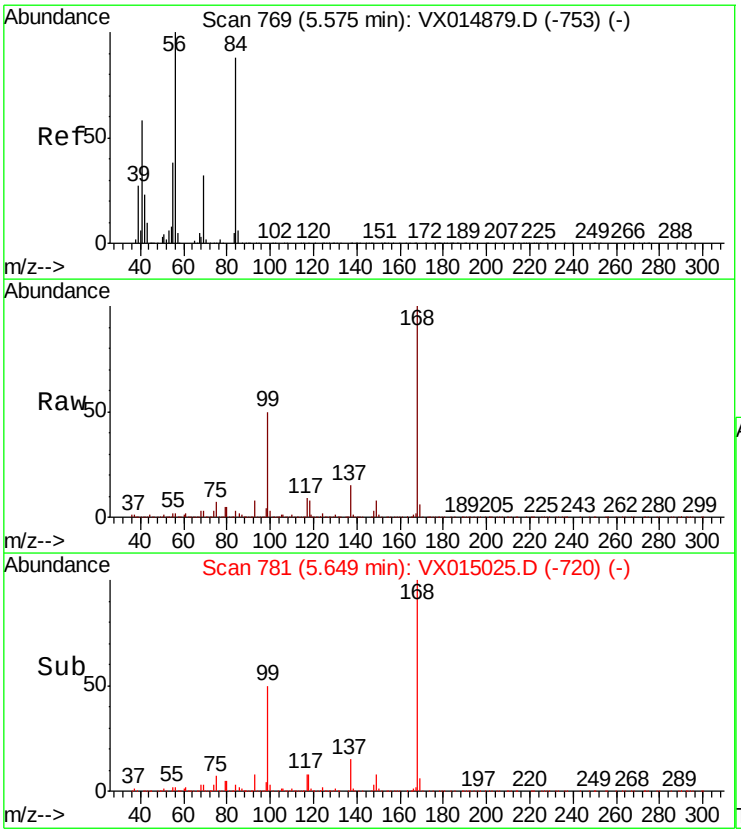
#28
Bromochloromethane
Concen: 0.311 ug/l
RT: 5.02 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument : MSVOA_X
ClientSampleId : DUP-02-20200225

Tgt Ion: 49 Resp: 883

Ion	Ratio	Lower	Upper
49	100		
129	5.8	0.0	5.2#
130	29.4	67.4	101.2#

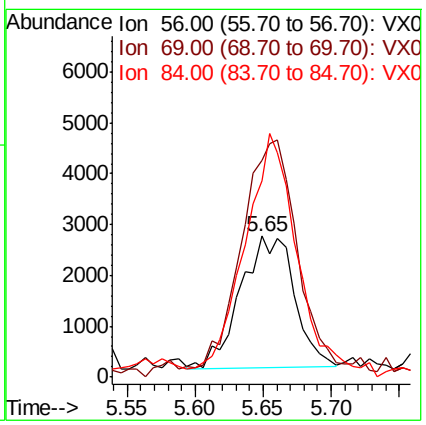


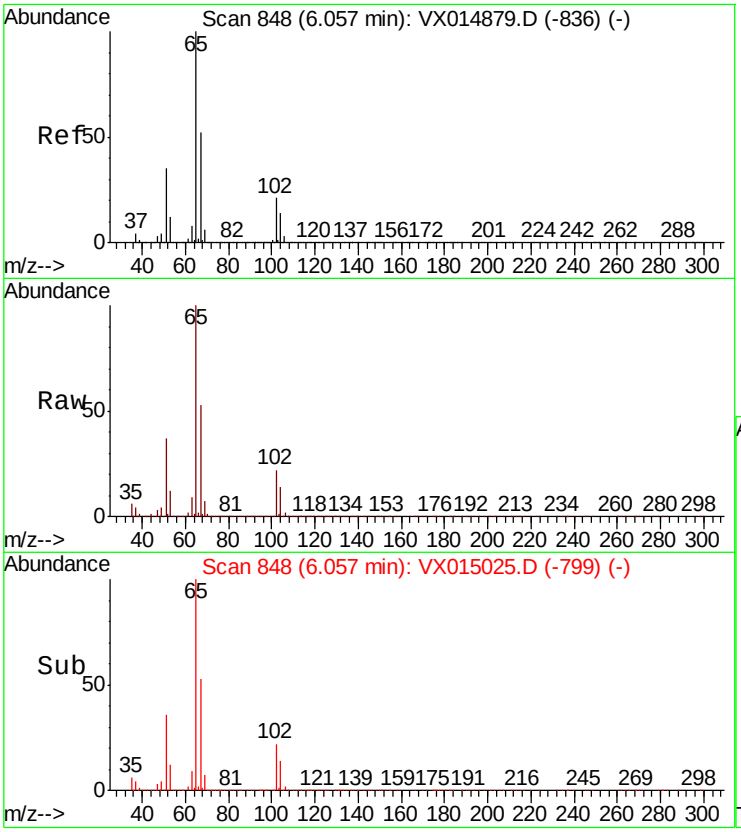


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.07 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 56 Resp: 7138

Ion	Ratio	Lower	Upper
56	100		
69	158.0	25.9	38.9#
84	144.3	70.4	105.6#



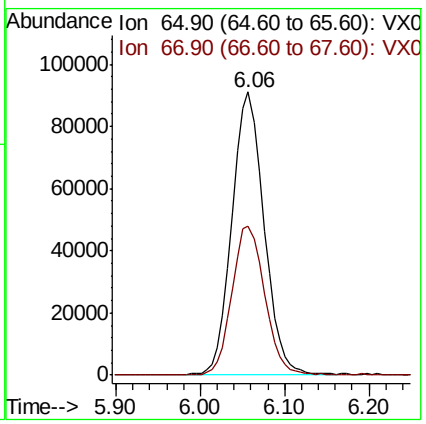


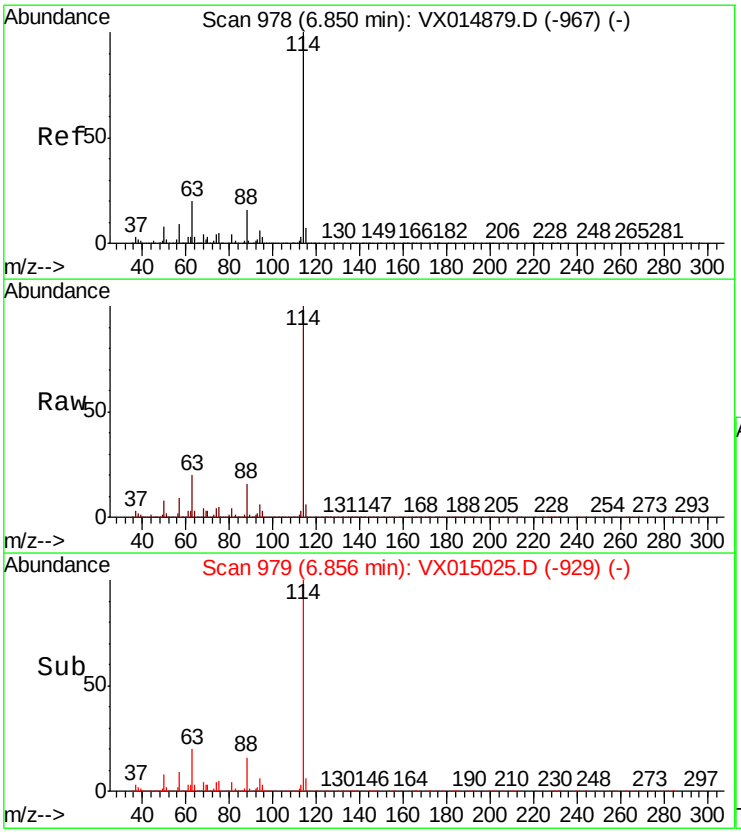
#33
1,2-Dichloroethane-d4
Concen: 49.503 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion: 65 Resp: 233711

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.0

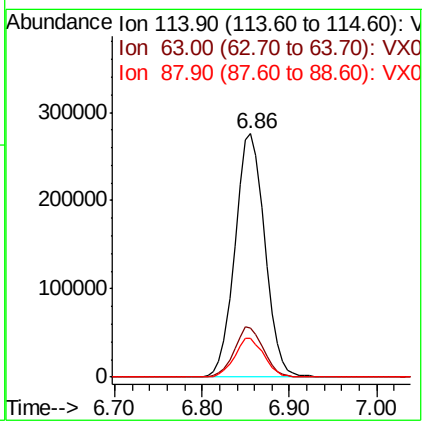


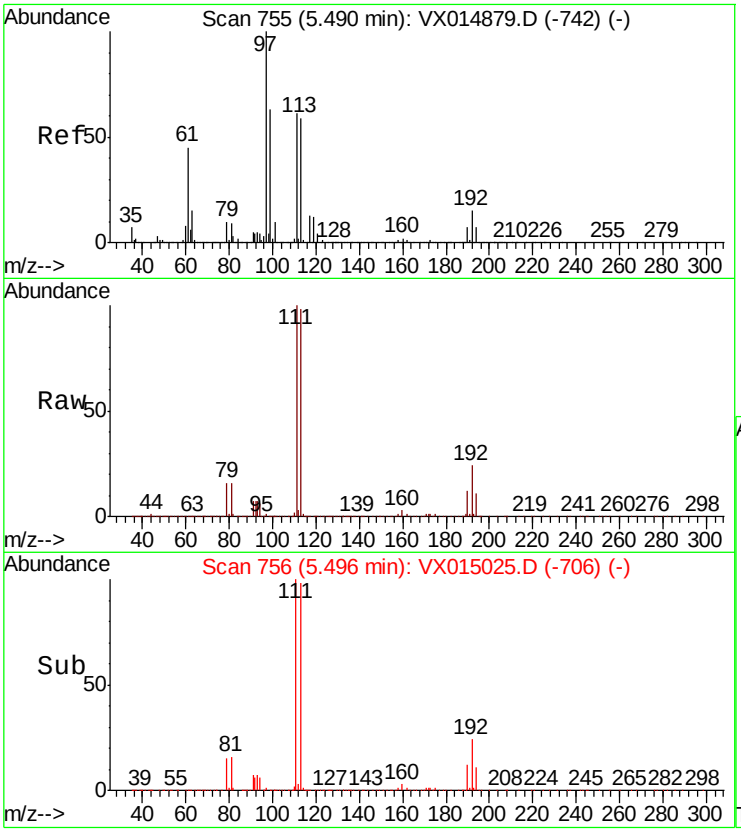


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion:114 Resp: 653132

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.2
88	15.8	0.0	32.0



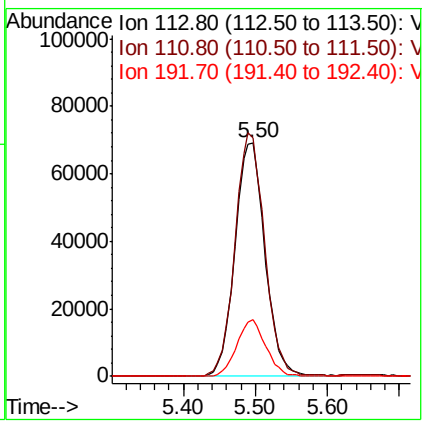


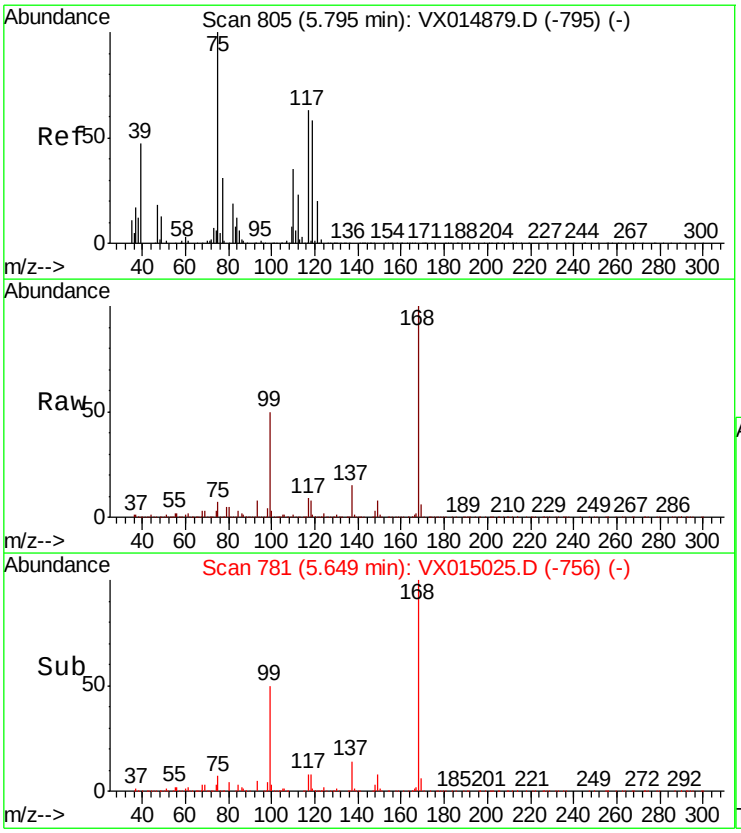
#35
Dibromofluoromethane
Concen: 50.056 ug/l
RT: 5.50 min Scan# 756
Delta R.T. 0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion:113 Resp: 200989

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	23.0	19.1	28.7

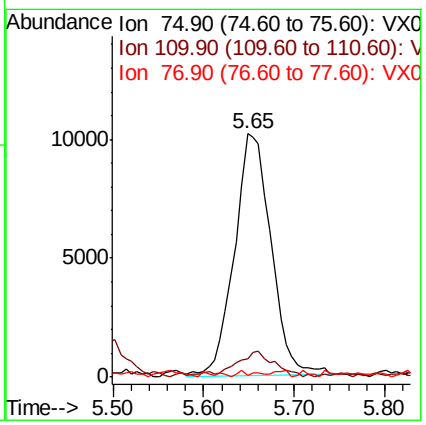


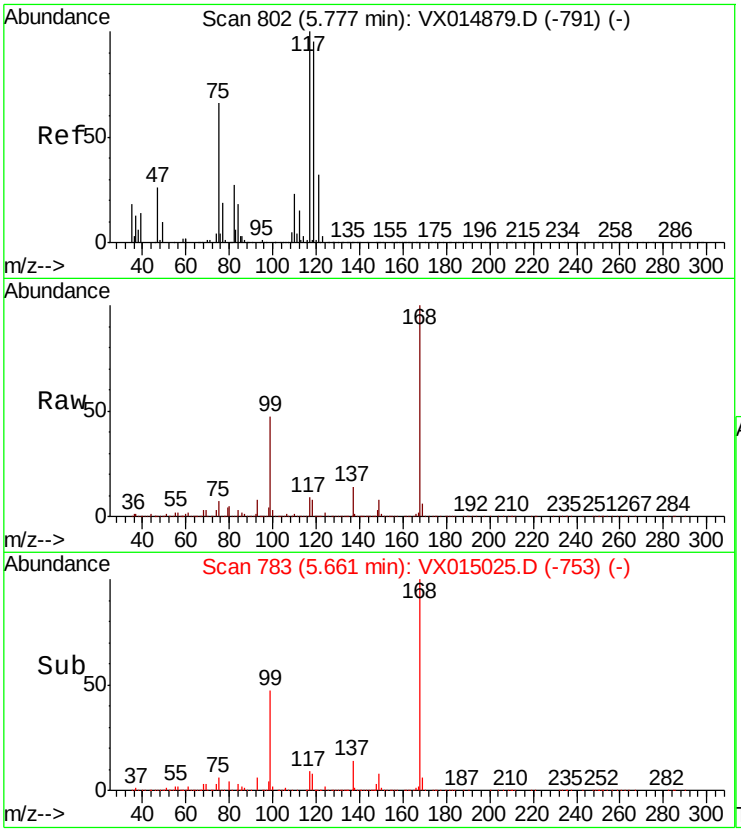


#36
1,1-Dichloropropene
Concen: 4.888 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 75 Resp: 28559

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.3	54.8#
77	0.6	24.6	36.8#



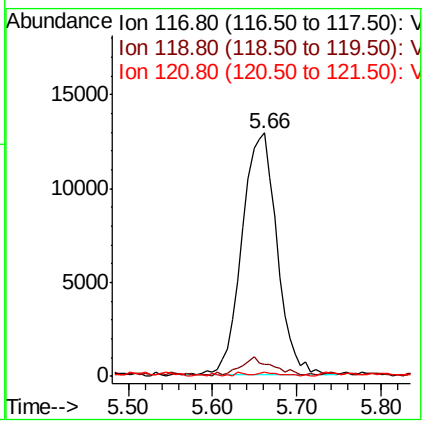


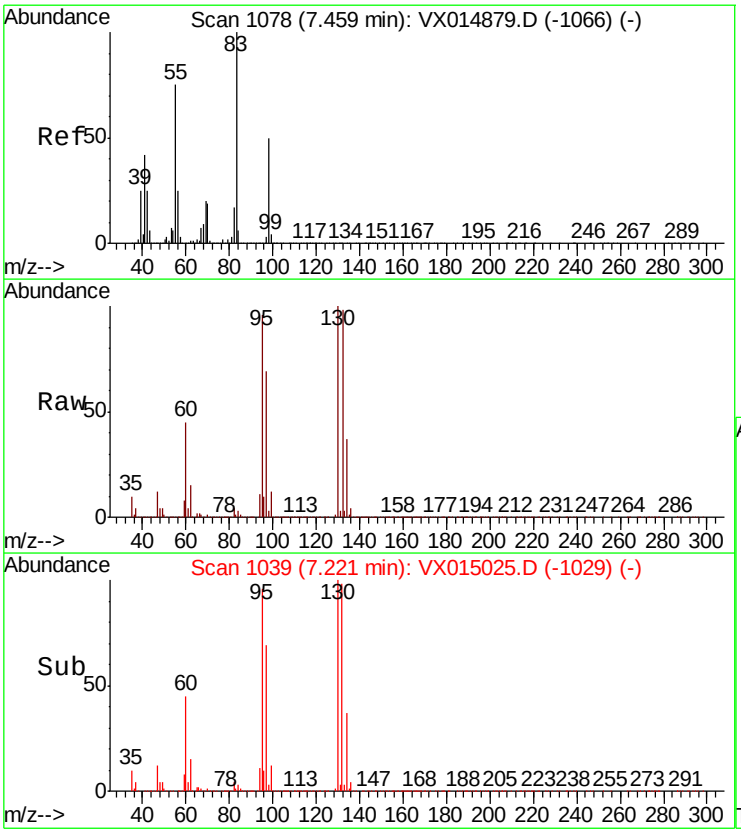
#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.12 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion:117 Resp: 36360

Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.0	114.0#
121	1.3	25.4	38.2#

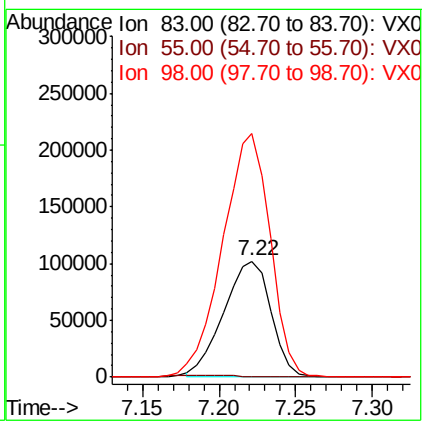


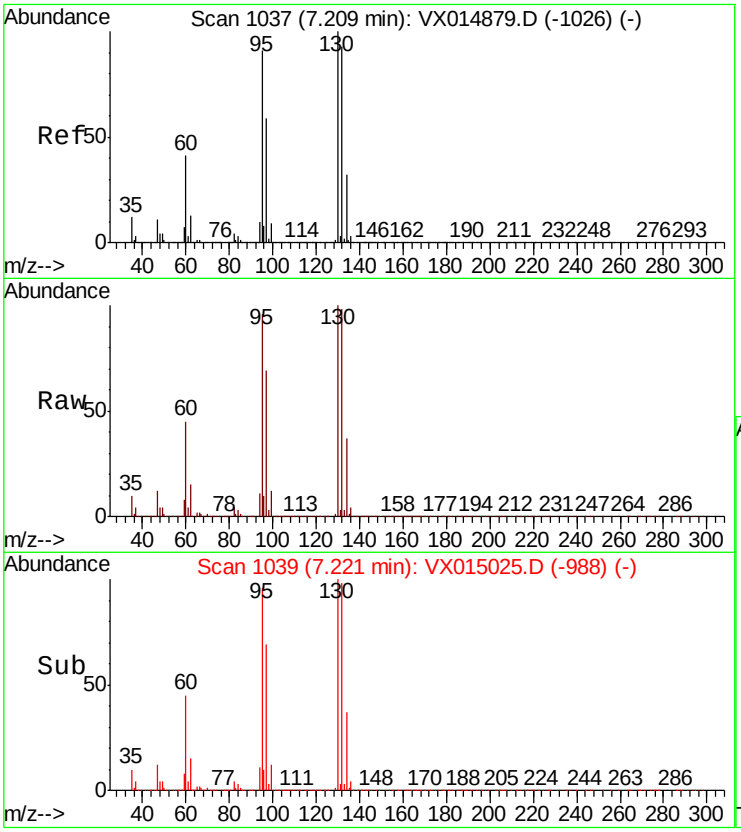


#39
Methylcyclohexane
Concen: 29.818 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. -0.24 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 83 Resp: 217878

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.0	90.0#
98	209.8	39.6	59.4#



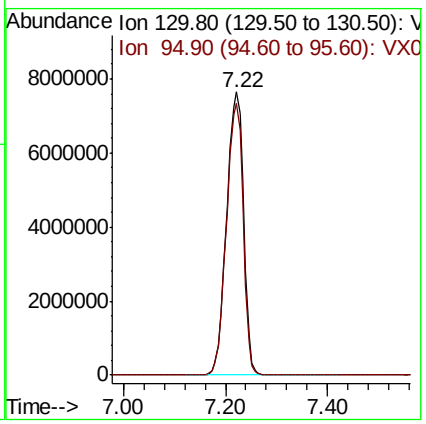


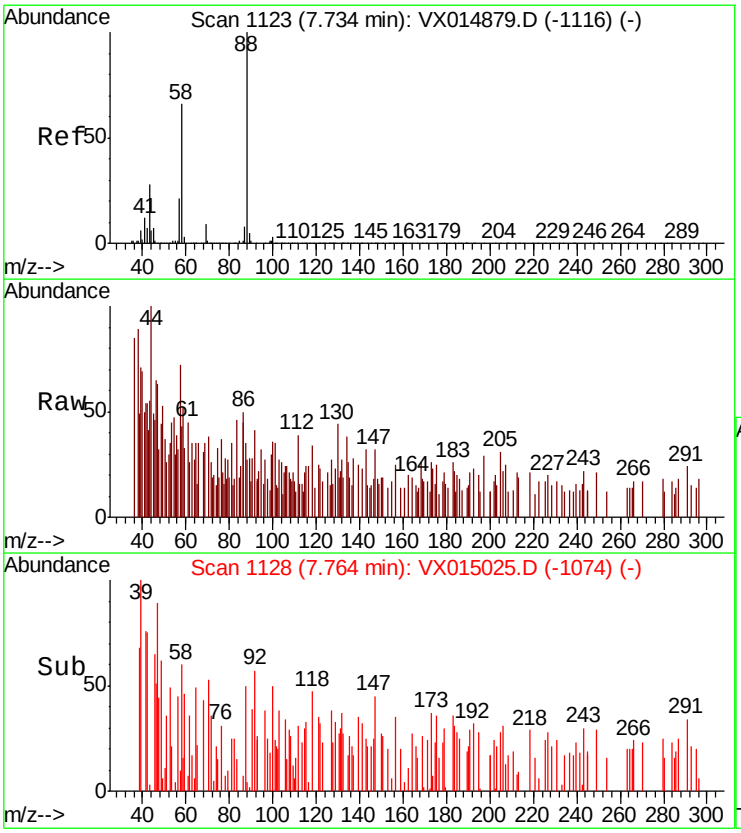
#44
Trichloroethene
Concen: 3495.769 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion:130 Resp:17714892

Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	182.6

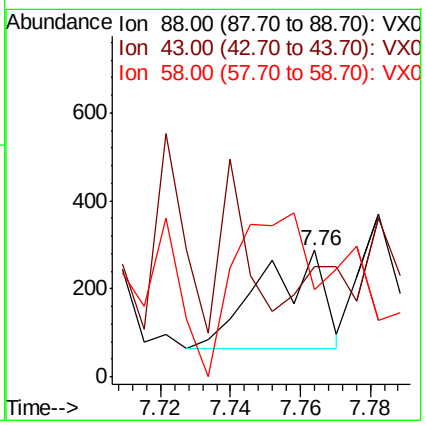


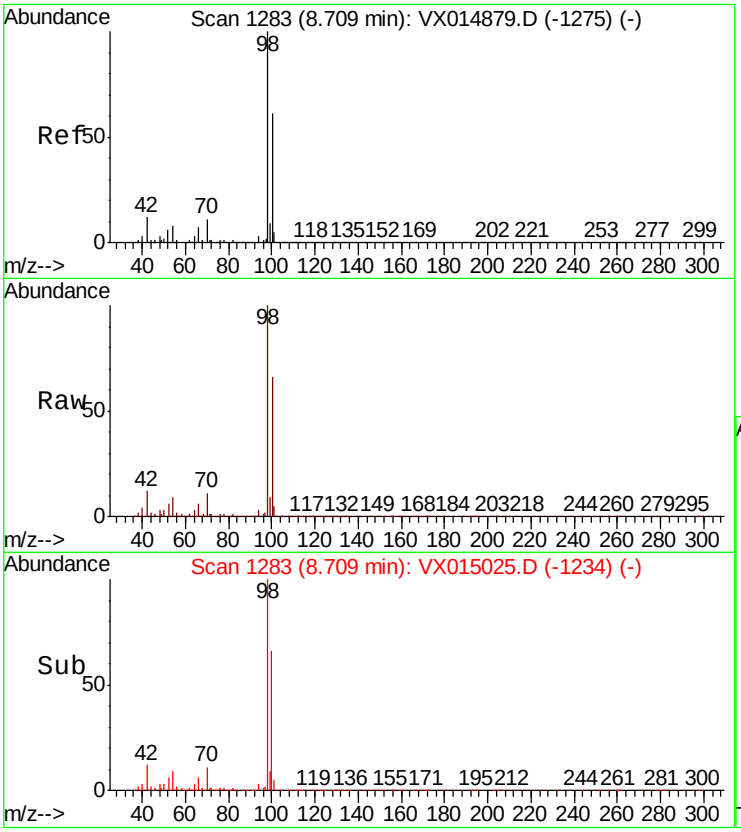


#49
1,4-Dioxane
Concen: 3.038 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.03 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 88 Resp: 281

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.4#
58	302.8	53.2	79.8#



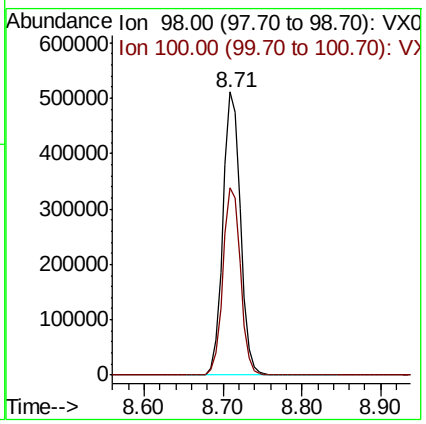


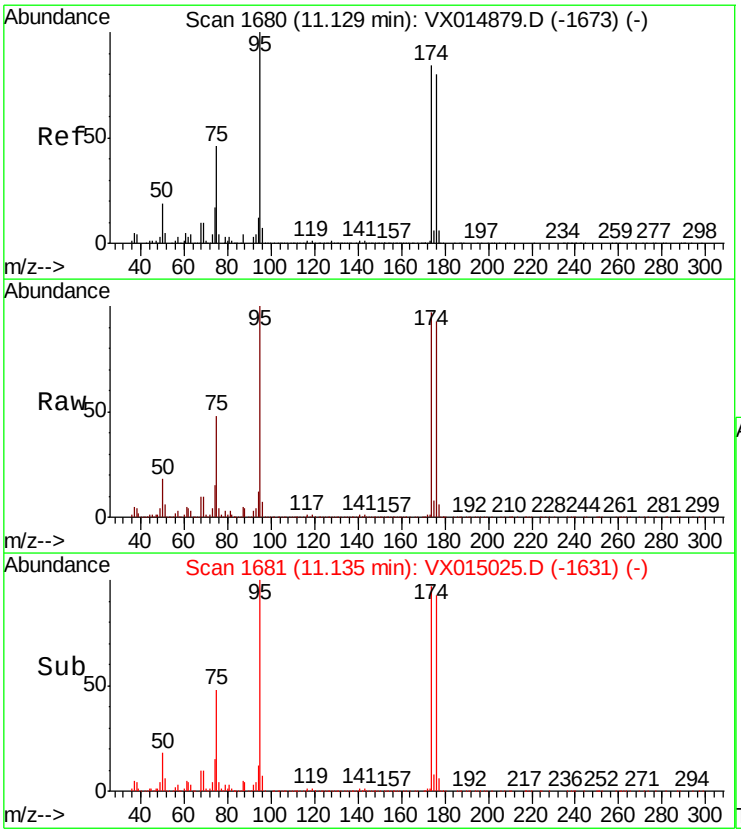
#50
Toluene-d8
Concen: 51.319 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion: 98 Resp: 786551

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6

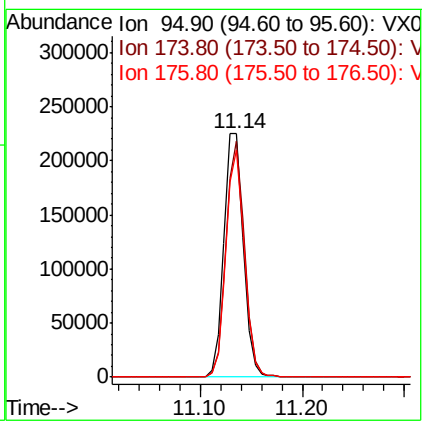


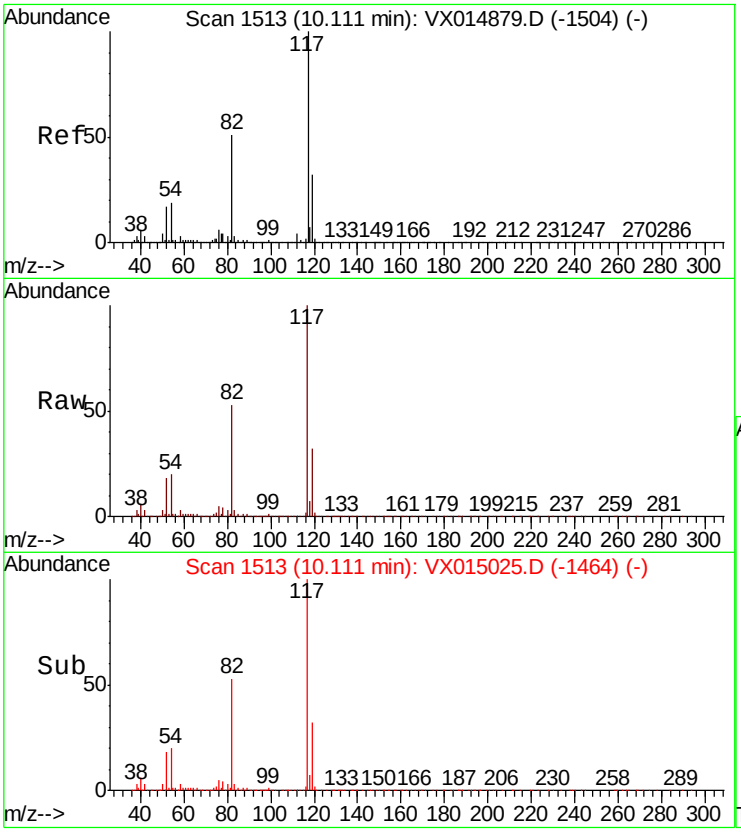


#62
4-Bromofluorobenzene
Concen: 53.738 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 95 Resp: 296699

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	183.0
176	88.3	0.0	178.0



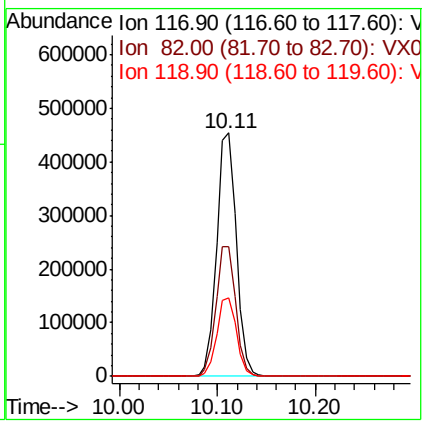


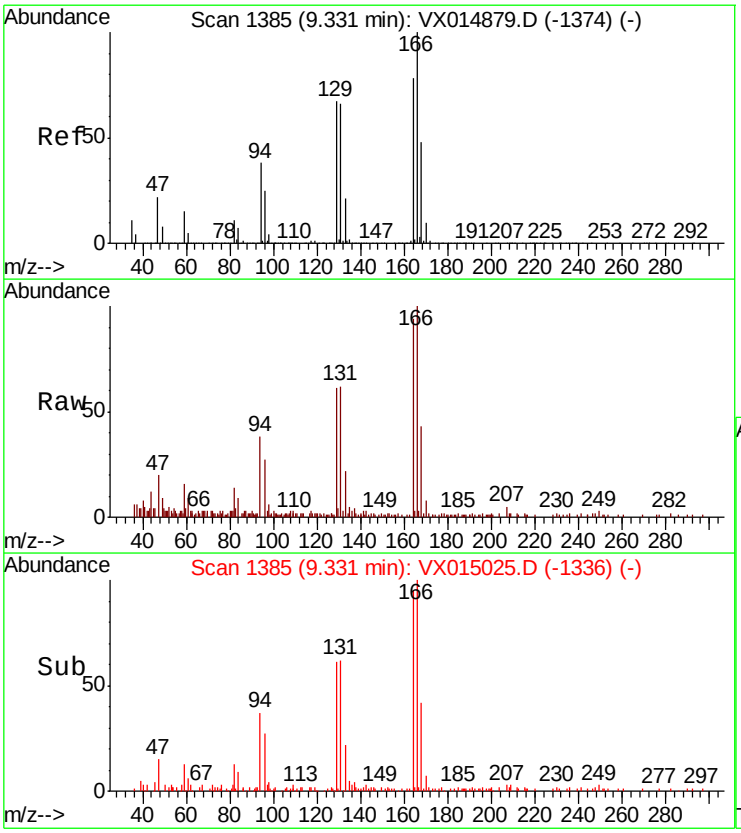
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument : MSVOA_X
ClientSampleId : DUP-02-20200225

Tgt Ion:117 Resp: 634446

Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.5	60.7
119	32.2	25.8	38.6

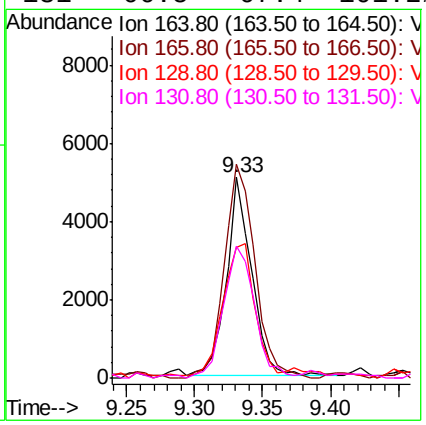


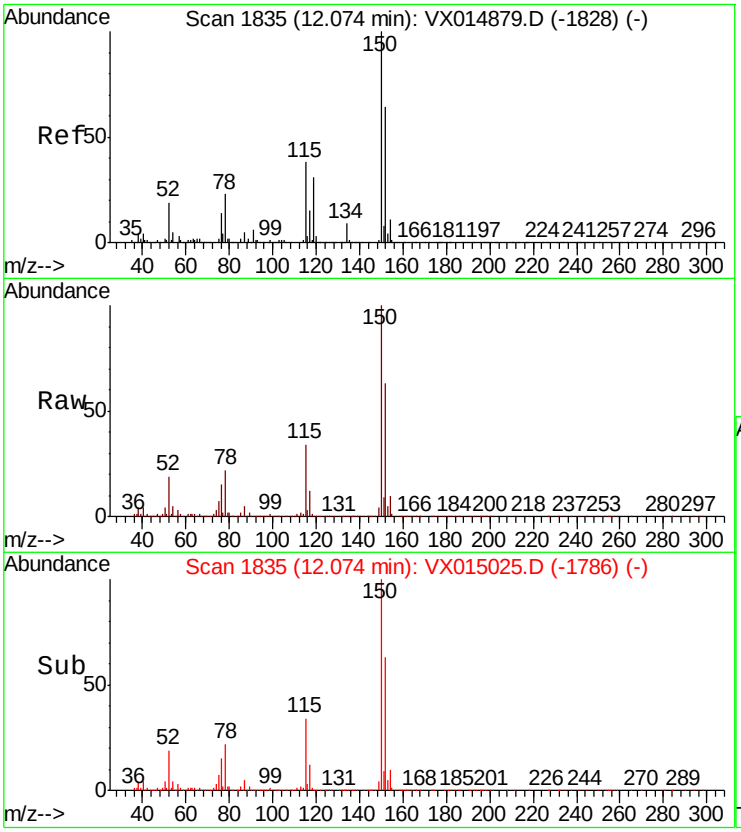


#64
Tetrachloroethene
Concen: 1.114 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion:164 Resp: 6611

Ion	Ratio	Lower	Upper
164	100		
166	107.5	102.6	153.8
129	64.7	68.3	102.5#
131	66.5	67.4	101.2#



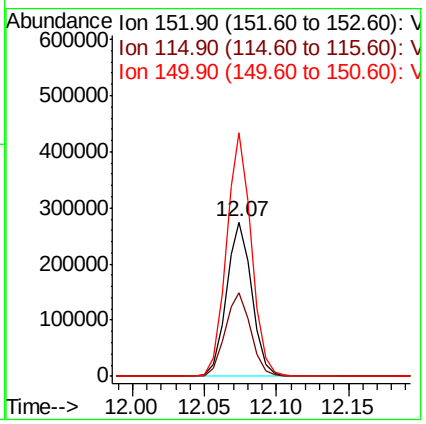


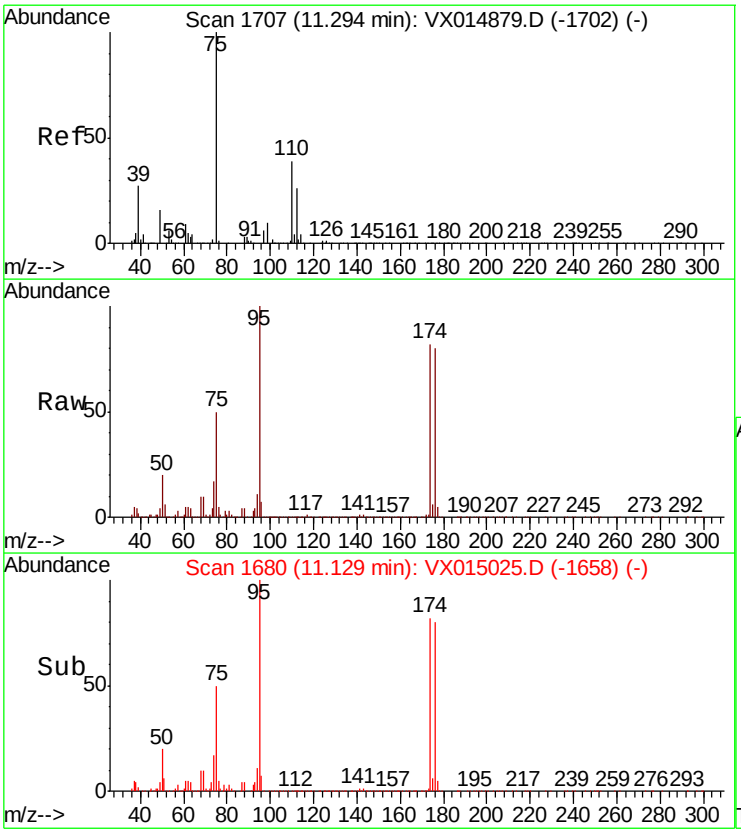
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion:152 Resp: 337377

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	116.0
150	156.0	0.0	349.0

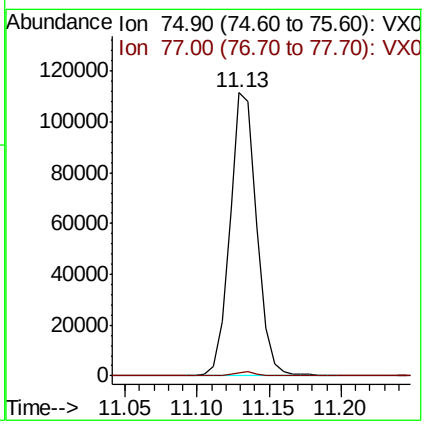


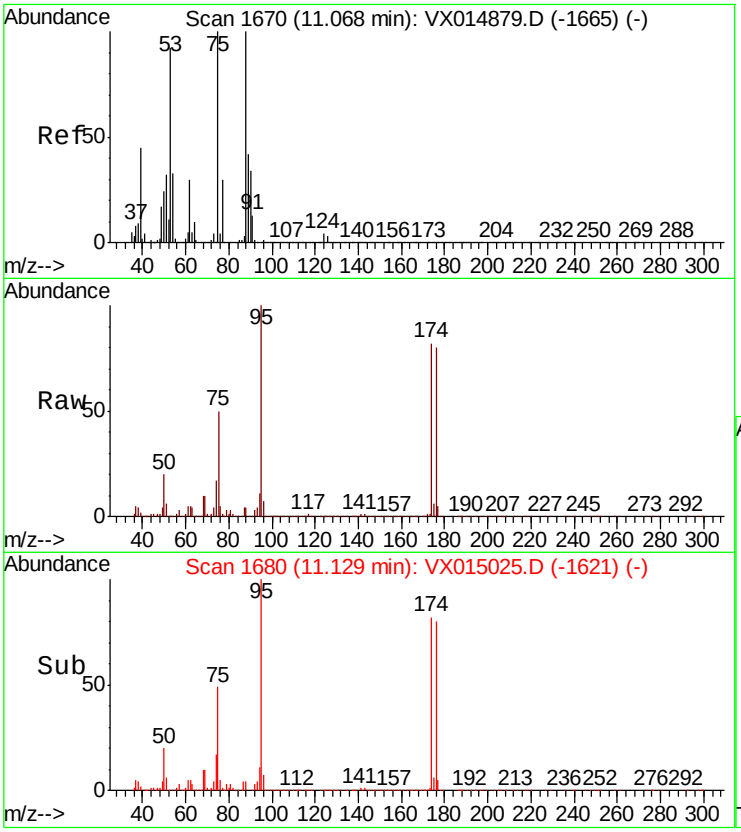


#76
1,2,3-Trichloropropane
Concen: 23.757 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Tgt Ion: 75 Resp: 144936

Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.4	55.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.810 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015025.D
Acq: 26 Feb 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20200225

Tgt Ion: 75 Resp: 144936

Ion	Ratio	Lower	Upper
75	100		
53	0.3	76.2	114.2#
89	0.1	35.8	53.6#