Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030819\
Data File : VX007952.D
Acq On : 09 Mar 2019 00:55
Operator : JC/SP
Sample : K1793-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP01-20190305

Quant Time: Mar 09 03:56:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	419069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148880	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.02%			
35) Dibromofluoromethane	5.51	113	136861	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.12%			
50) Toluene-d8	8.71	98	506986	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.00%			
62) 4-Bromofluorobenzene	11.13	95	186167	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	549	0.239	ug/l	98
5) Bromomethane	1.66	94	74	Below Cal		84
6) Chloroethane	1.69	64	470	0.241	ug/l #	48
9) 1,1,2-Trichlorotrifluoroet	2.39	101	9301	3.921	ug/l	98
11) Tert butyl alcohol	3.02	59	2291	3.613	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	1723	0.753	ug/l	96
13) Acrolein	2.32	56	21	1.600	ug/l #	1
16) Acetone	2.45	43	2518	1.534	ug/l #	86
17) Carbon Disulfide	2.57	76	654	Below Cal #		80
18) Methyl Acetate	2.78	43	3039	0.872	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	4216	0.536	ug/l #	90
20) Methylene Chloride	2.86	84	524	0.201	ug/l #	85
24) 1,1-Dichloroethane	3.70	63	2072	0.437	ug/l #	94
27) cis-1,2-Dichloroethene	4.60	96	13105	4.552	ug/l	88
29) Tetrahydrofuran	5.15	42	541	0.373	ug/l #	35
30) Chloroform	5.22	83	7994	1.783	ug/l	98
31) Cyclohexane	5.67	56	4188	0.961	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17037	4.490	ug/l #	48
38) Carbon Tetrachloride	5.78	117	759	0.211	ug/l #	59
39) Methylcyclohexane	7.21	83	5293	1.151	ug/l #	1
44) Trichloroethene	7.21	130	504168	161.948	ug/l	99
49) 1,4-Dioxane	7.76	88	1540	21.396	ug/l	94
60) Dibromochloromethane	9.34	129	33205	11.378	ug/l #	11
64) Tetrachloroethene	9.34	164	37147	11.345	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	85601	21.265	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	85601	67.974	ug/l #	11

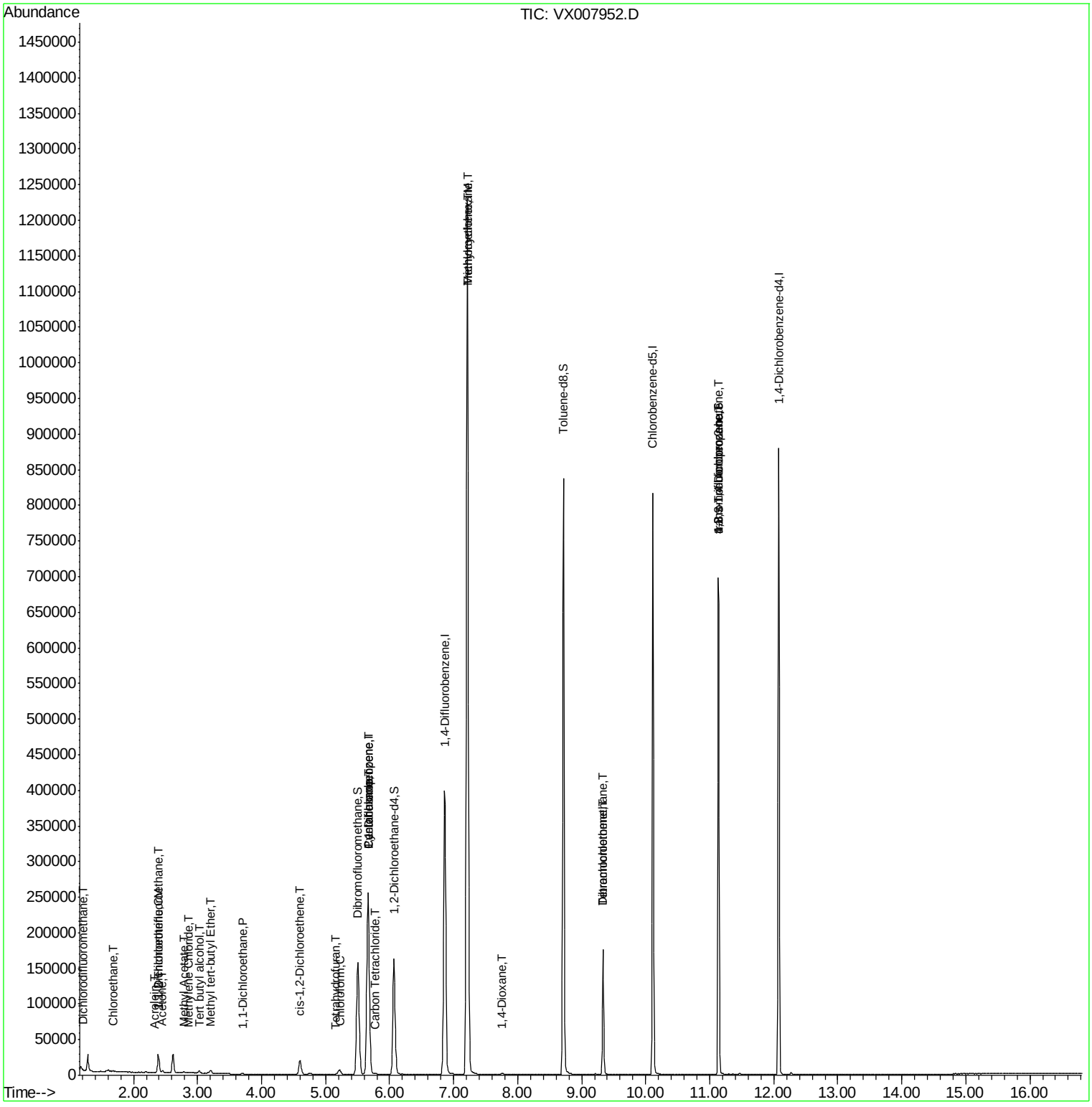
(#) = qualifier out of range (m) = manual integration (+) = signals summed

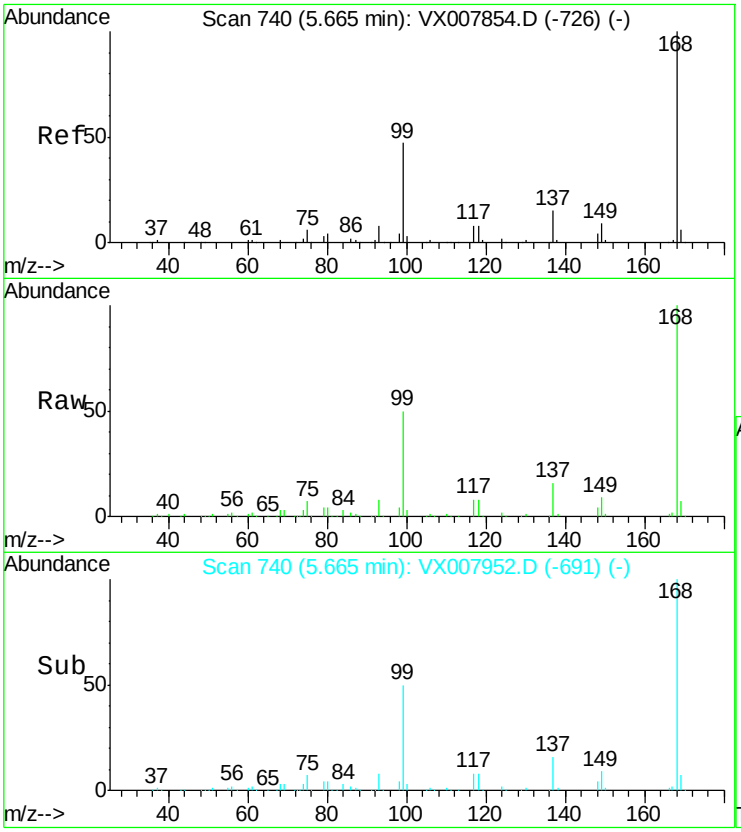
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030819\
Data File : VX007952.D
Acq On : 09 Mar 2019 00:55
Operator : JC/SP
Sample : K1793-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Quant Time: Mar 09 03:56:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration



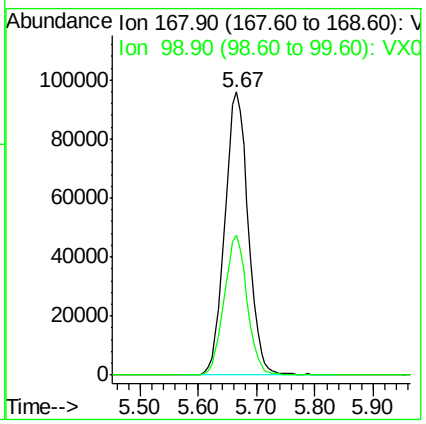


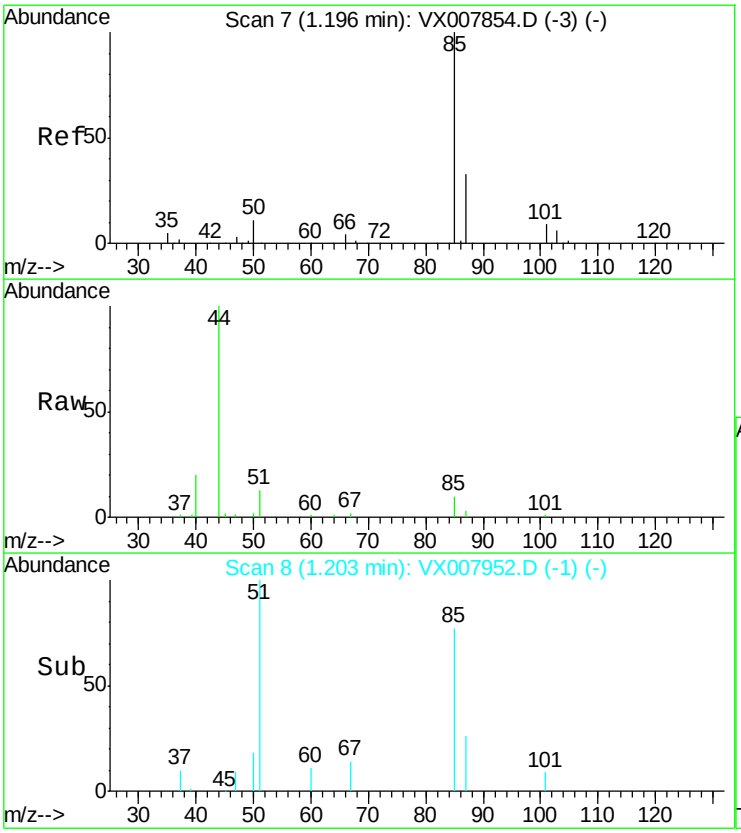
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion:168 Resp: 268763

Ion	Ratio	Lower	Upper
168	100		
99	49.7	37.6	56.4

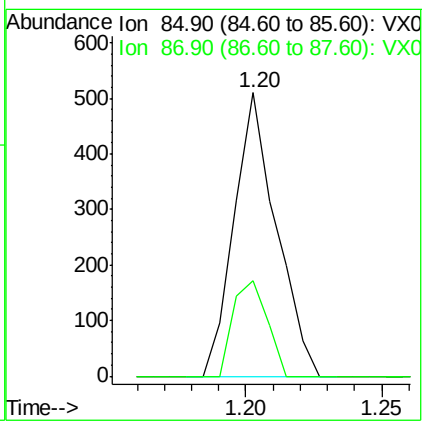


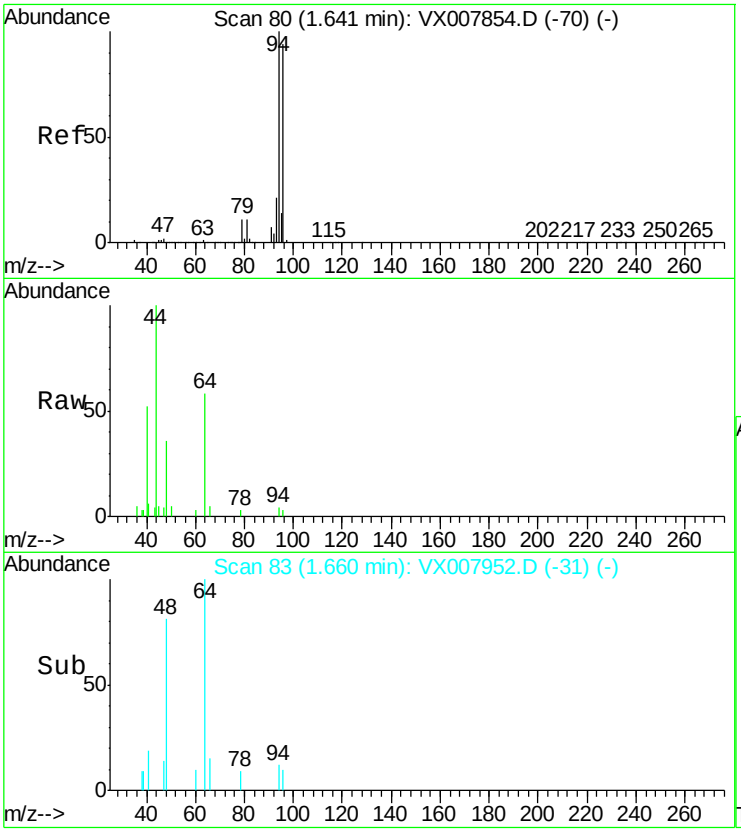


#2
Dichlorodifluoromethane
Concen: 0.239 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 85 Resp: 549

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.4	49.1



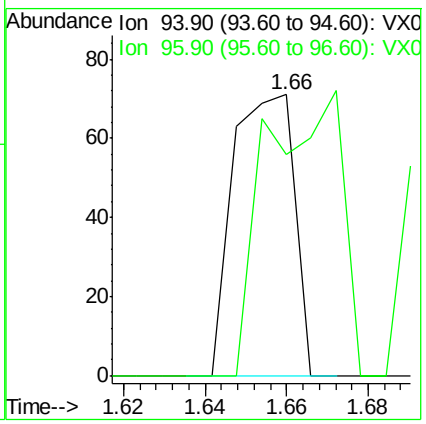


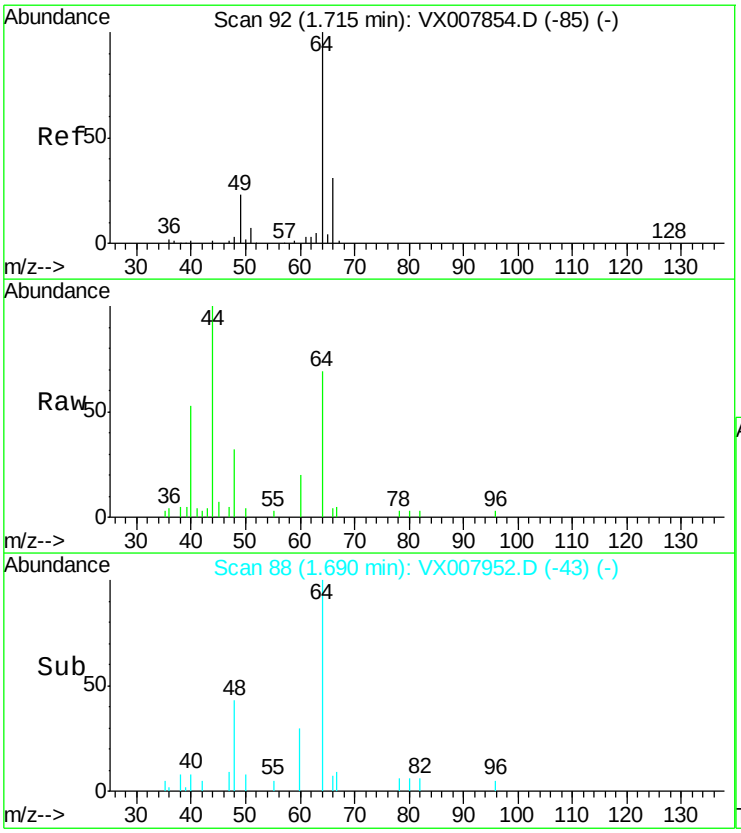
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 94 Resp: 74

Ion	Ratio	Lower	Upper
94	100		
96	78.9	75.5	113.3

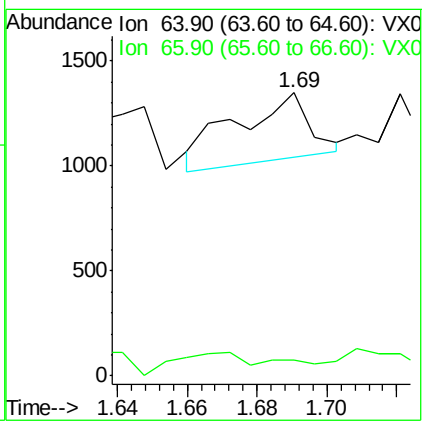


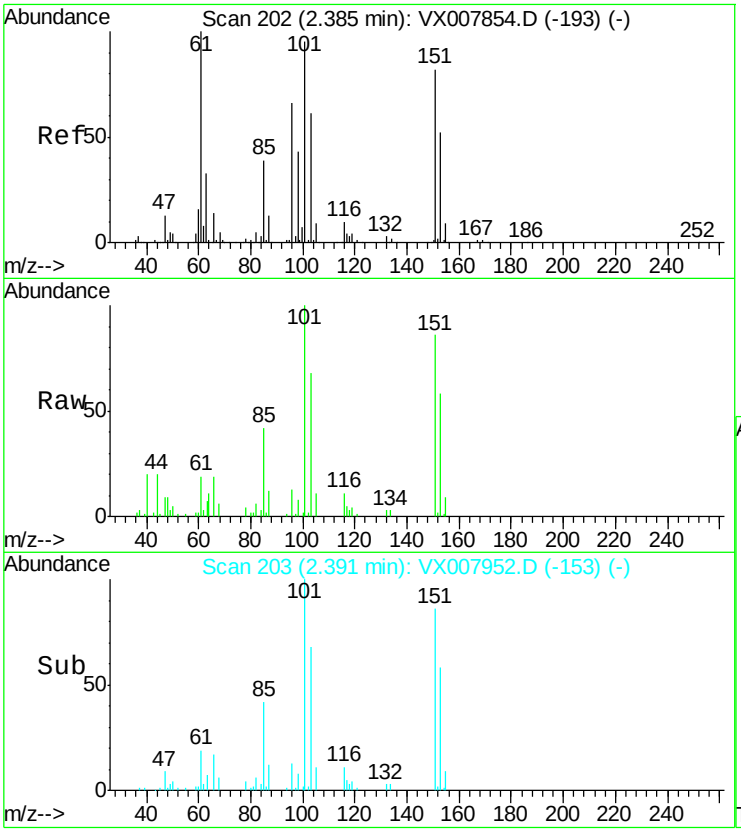


#6
Chloroethane
Concen: 0.241 ug/l
RT: 1.69 min Scan# 88
Delta R.T. -0.02 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 64 Resp: 470

Ion	Ratio	Lower	Upper
64	100		
66	2.5	25.2	37.8#



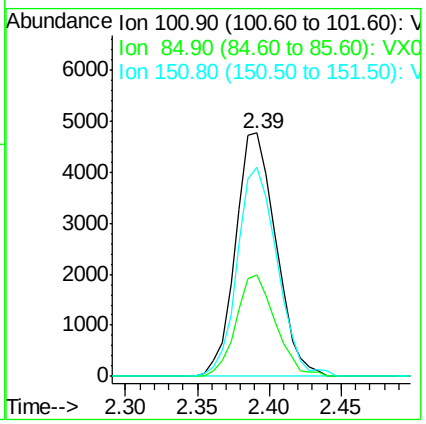


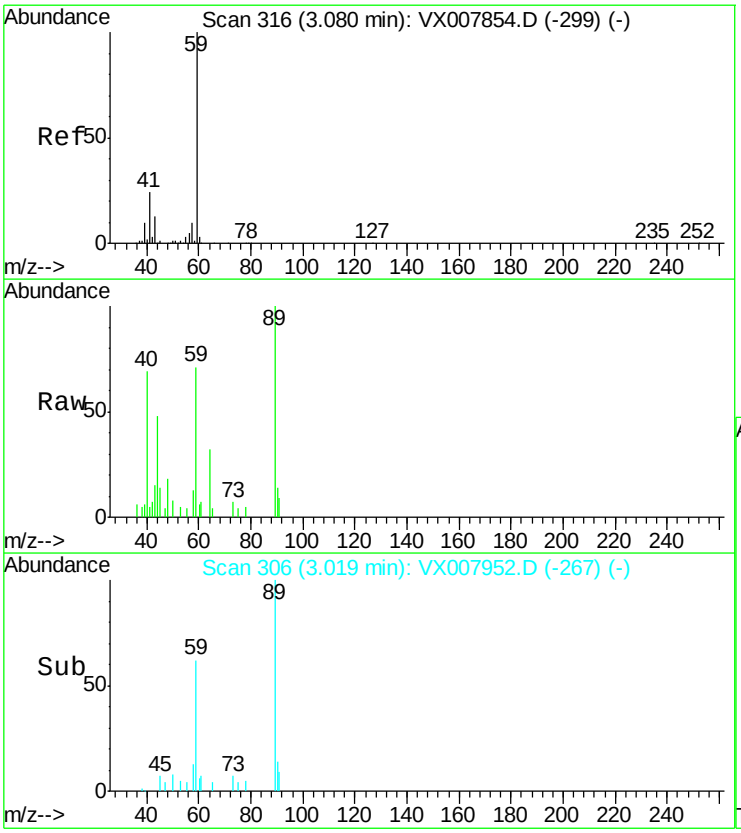
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.921 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion:101 Resp: 9301

Ion	Ratio	Lower	Upper
101	100		
85	40.3	33.8	50.6
151	84.6	69.1	103.7

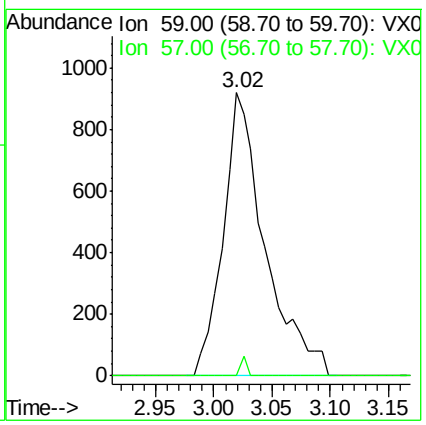


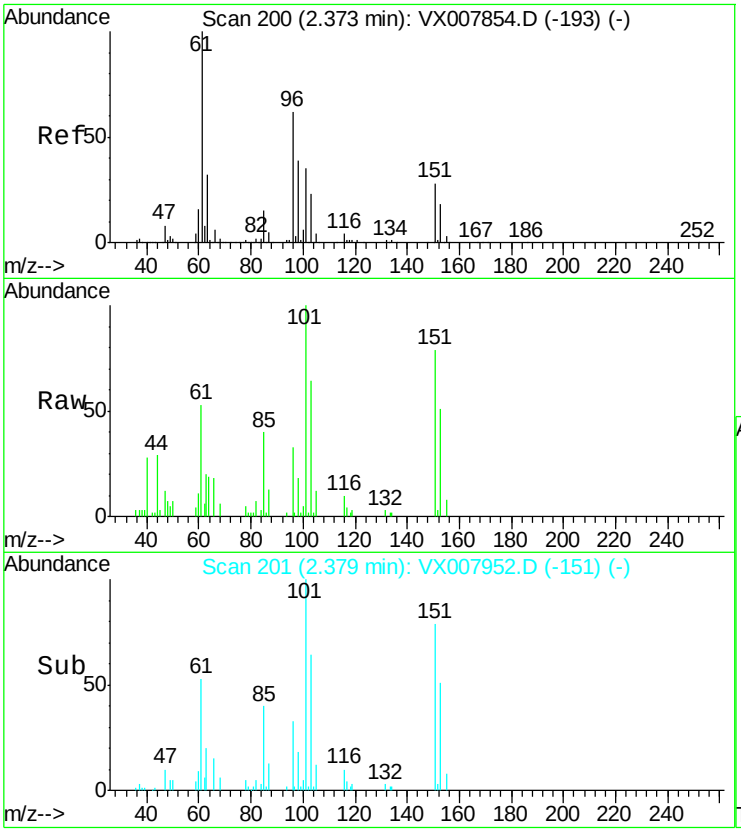


#11
Tert butyl alcohol
Concen: 3.613 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 59 Resp: 2291

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



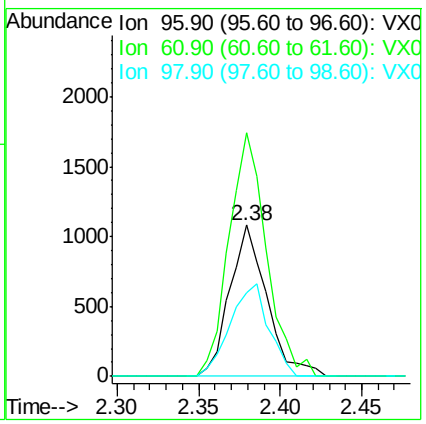


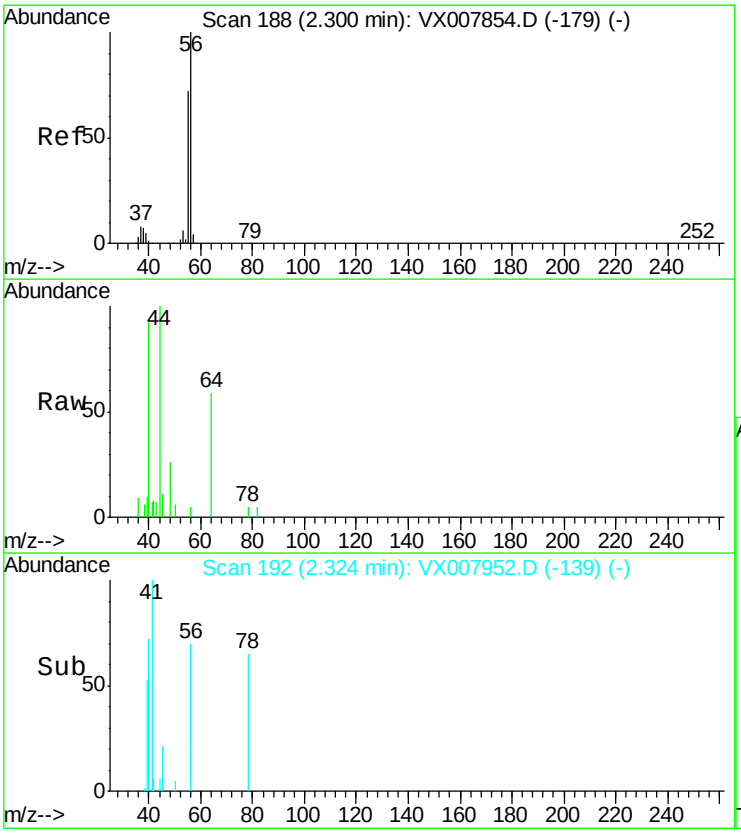
#12
1,1-Dichloroethene
Concen: 0.753 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 96 Resp: 1723

Ion	Ratio	Lower	Upper
96	100		
61	161.3	129.8	194.6
98	55.2	51.0	76.6

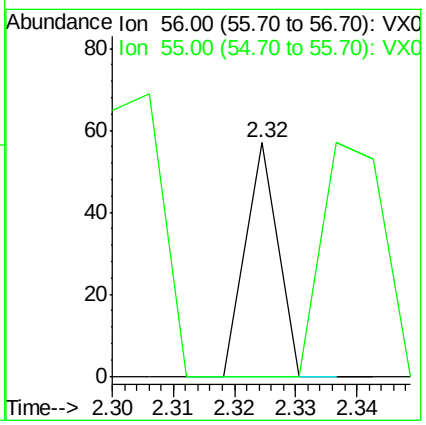


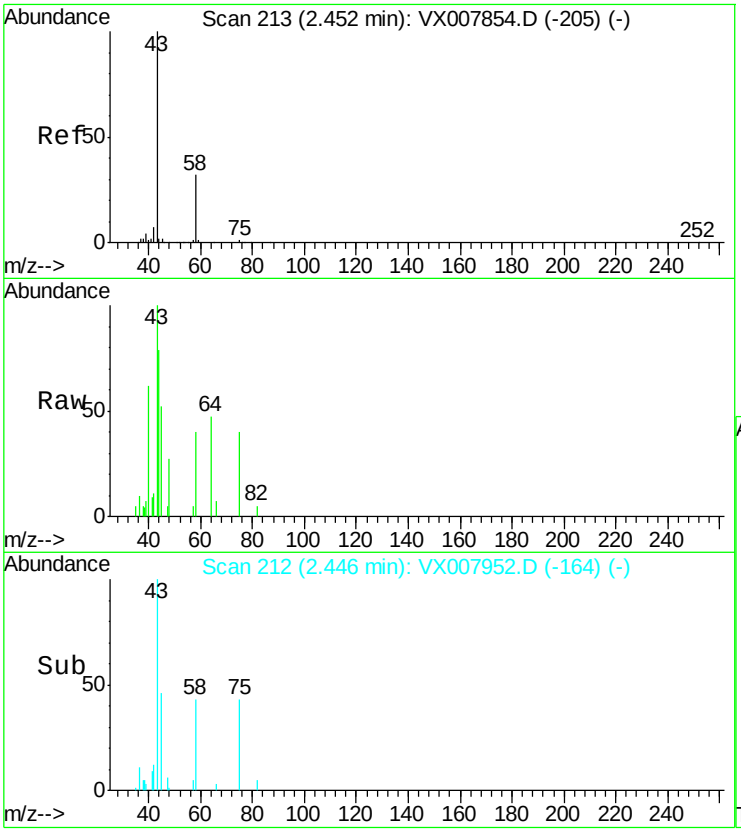


#13
Acrolein
Concen: 1.600 ug/l
RT: 2.32 min Scan# 192
Delta R.T. 0.03 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	190.5	57.8	86.6#



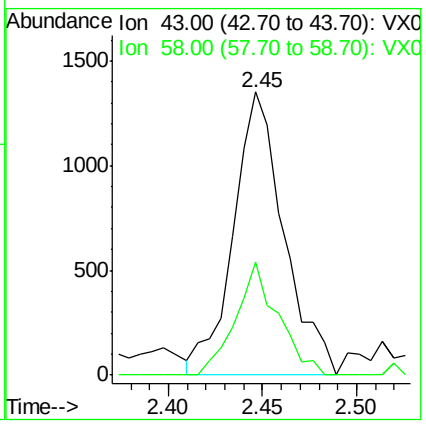


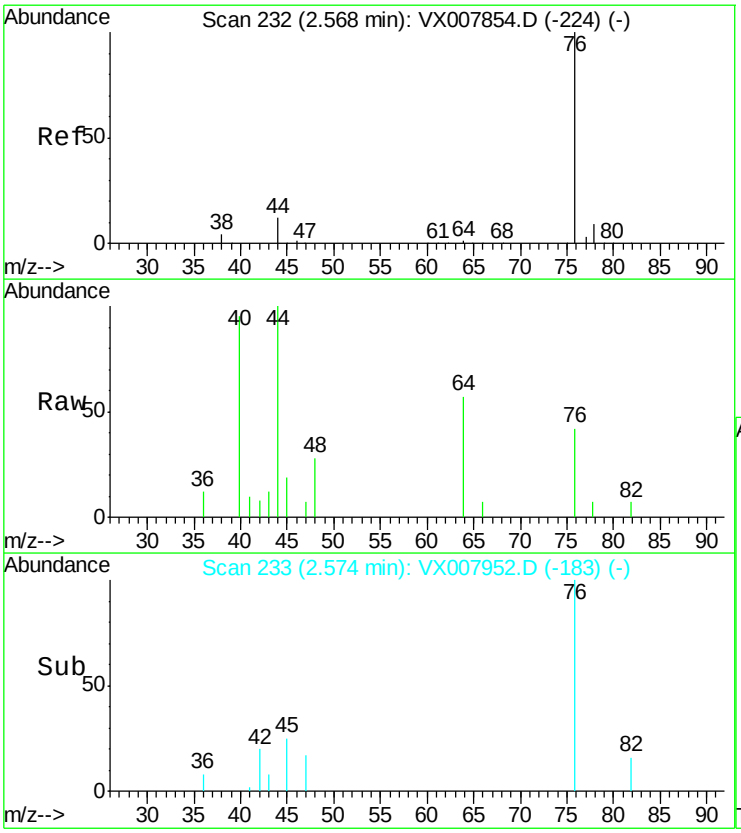
#16
Acetone
Concen: 1.534 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument : MSVOA_X
ClientSampleId : DUP01-20190305

Tgt Ion: 43 Resp: 2518

Ion	Ratio	Lower	Upper
43	100		
58	39.9	25.5	38.3#

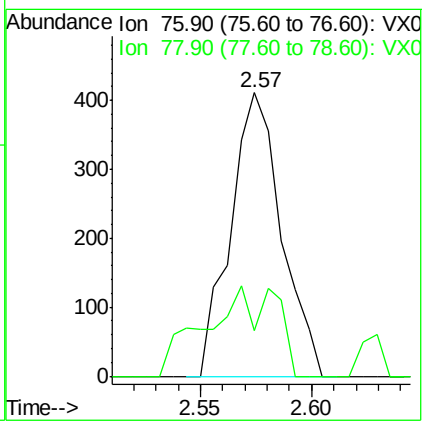


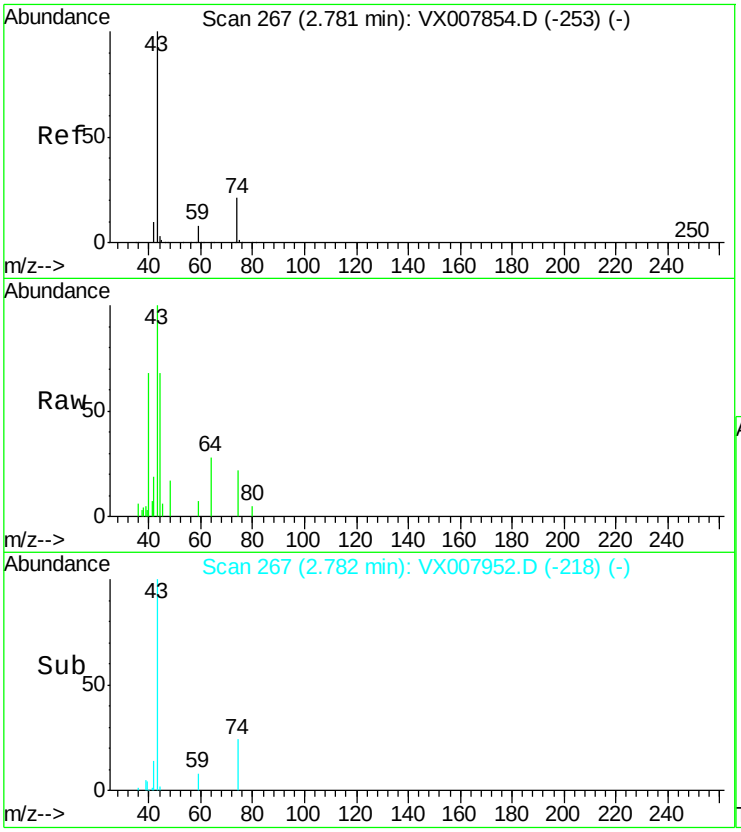


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 76 Resp: 654

Ion	Ratio	Lower	Upper
76	100		
78	16.1	7.2	10.8#



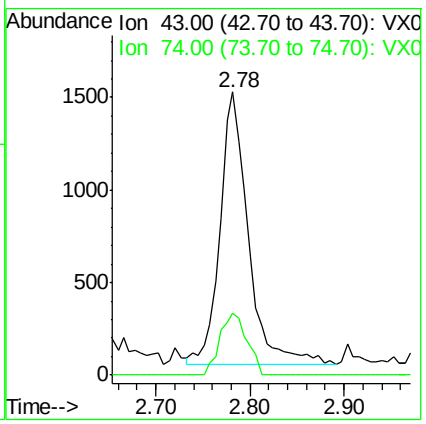


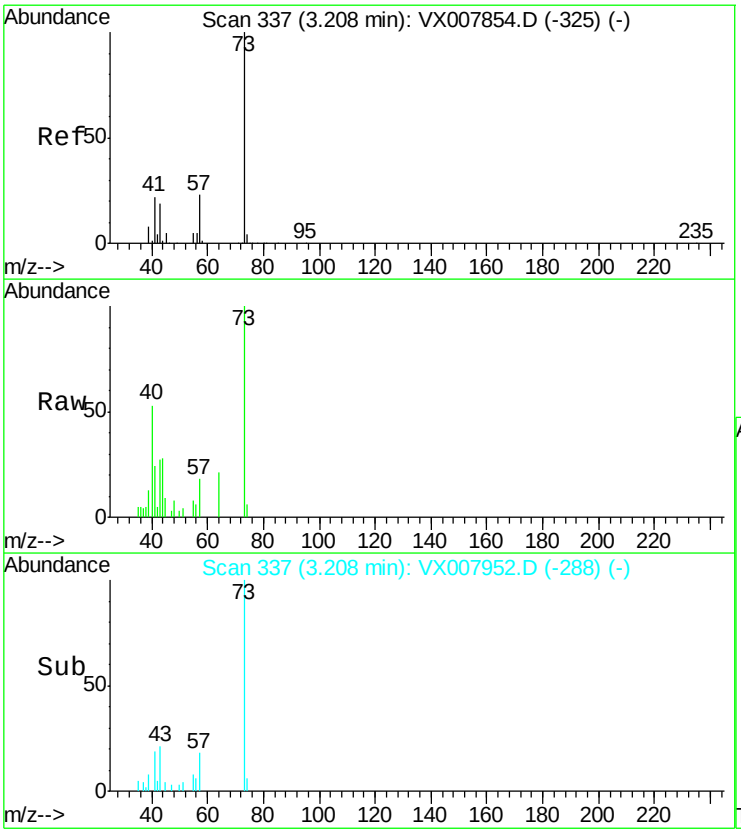
#18
Methyl Acetate
Concen: 0.872 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 43 Resp: 3039

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.8	26.6

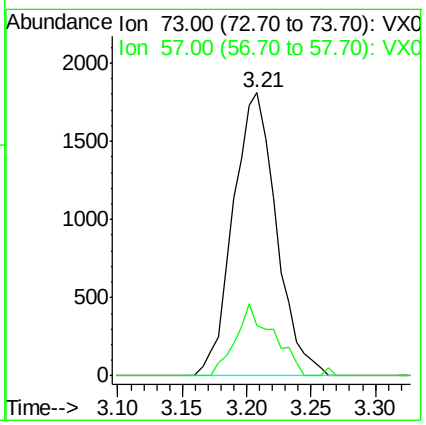


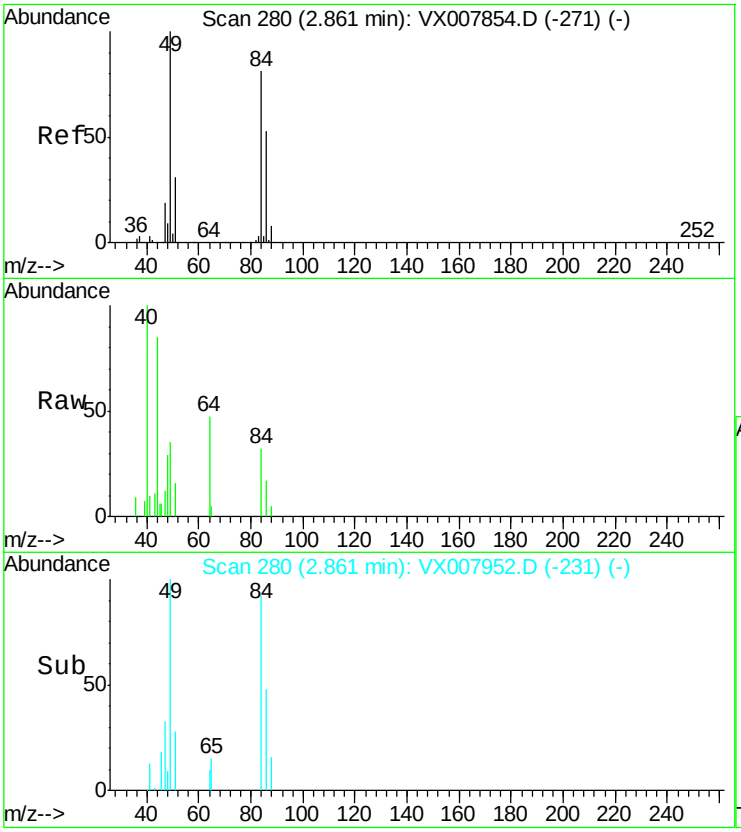


#19
Methyl tert-butyl Ether
Concen: 0.536 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 73 Resp: 4216

Ion	Ratio	Lower	Upper
73	100		
57	17.9	18.2	27.4#



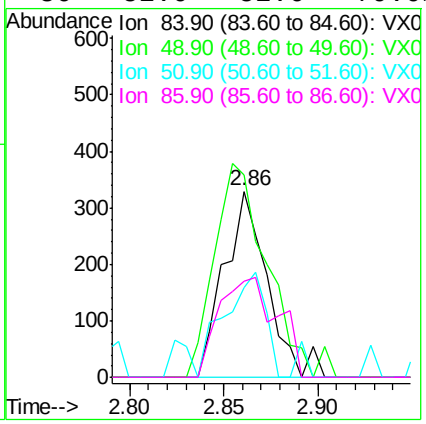


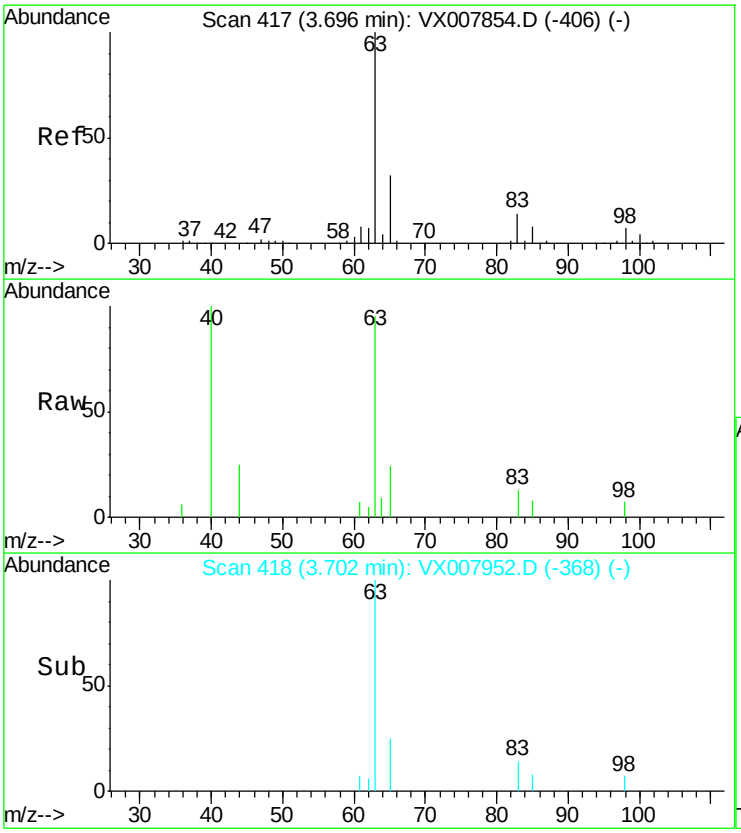
#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument : MSVOA_X
ClientSampleId : DUP01-20190305

Tgt Ion: 84 Resp: 524

Ion	Ratio	Lower	Upper
84	100		
49	109.1	99.3	148.9
51	48.3	31.3	46.9#
86	52.0	52.6	79.0#

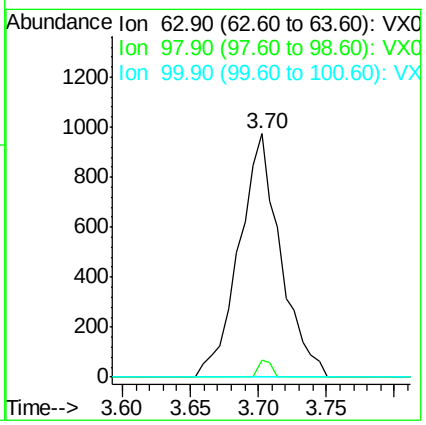


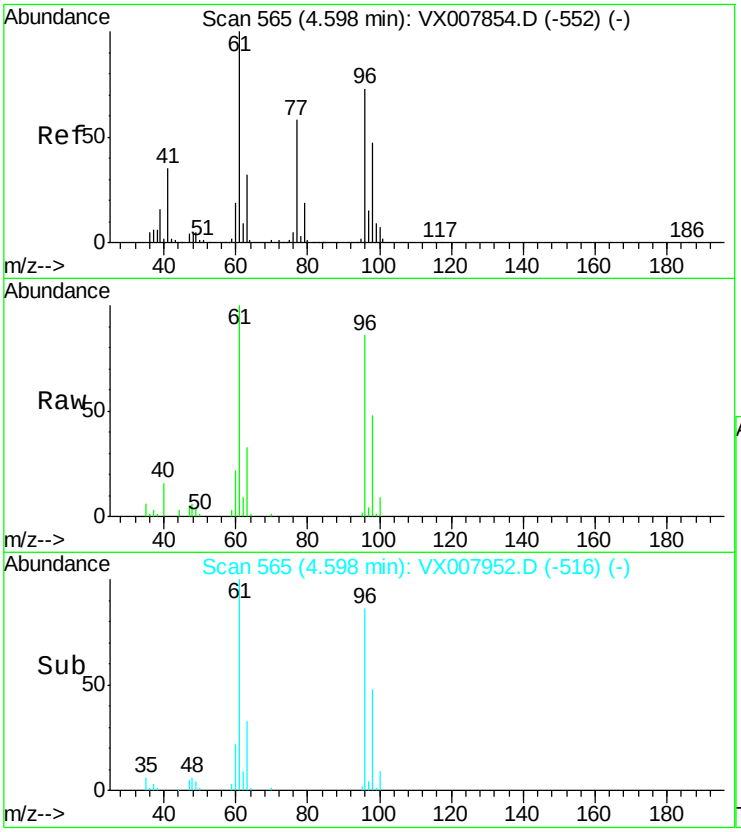


#24
1,1-Dichloroethane
Concen: 0.437 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 63 Resp: 2072

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.8
100	0.0	2.3	6.8#



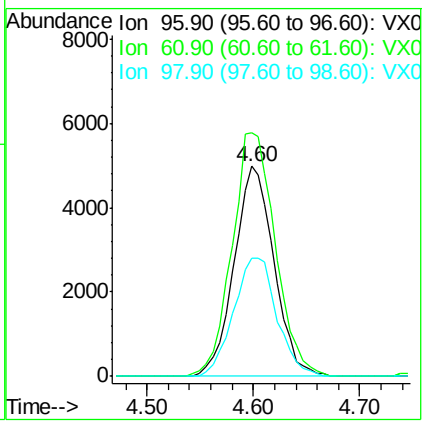


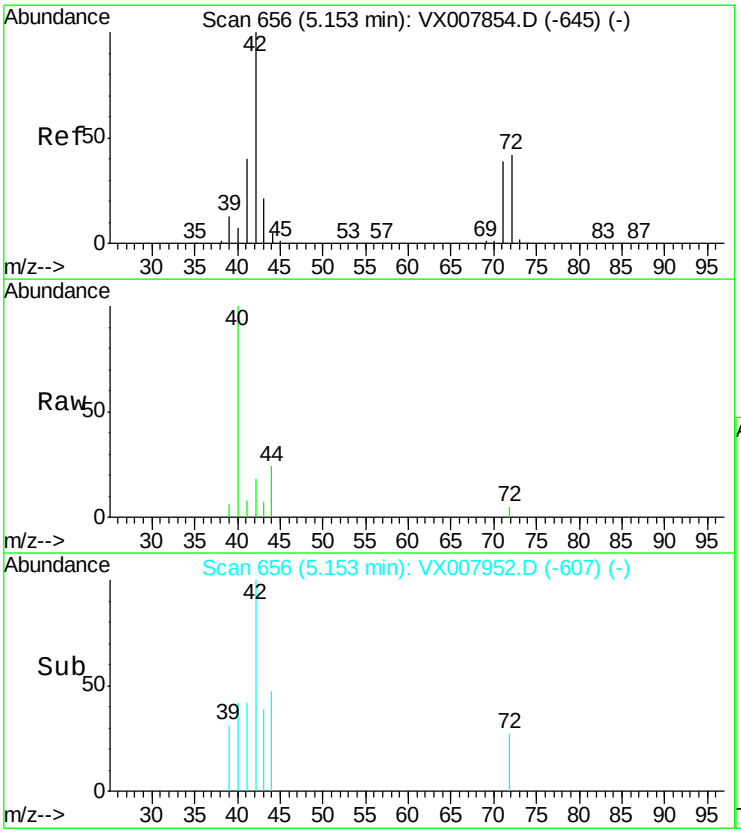
#27
cis-1,2-Dichloroethene
Concen: 4.552 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 96 Resp: 13105

Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	288.0
98	61.0	0.0	129.0

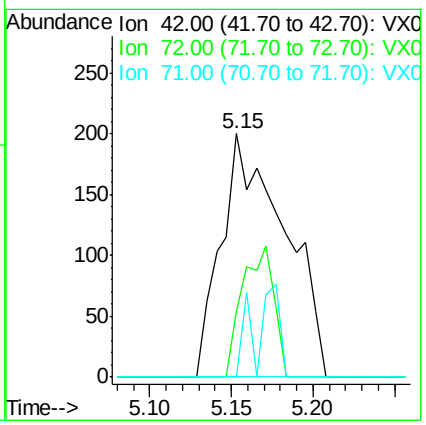


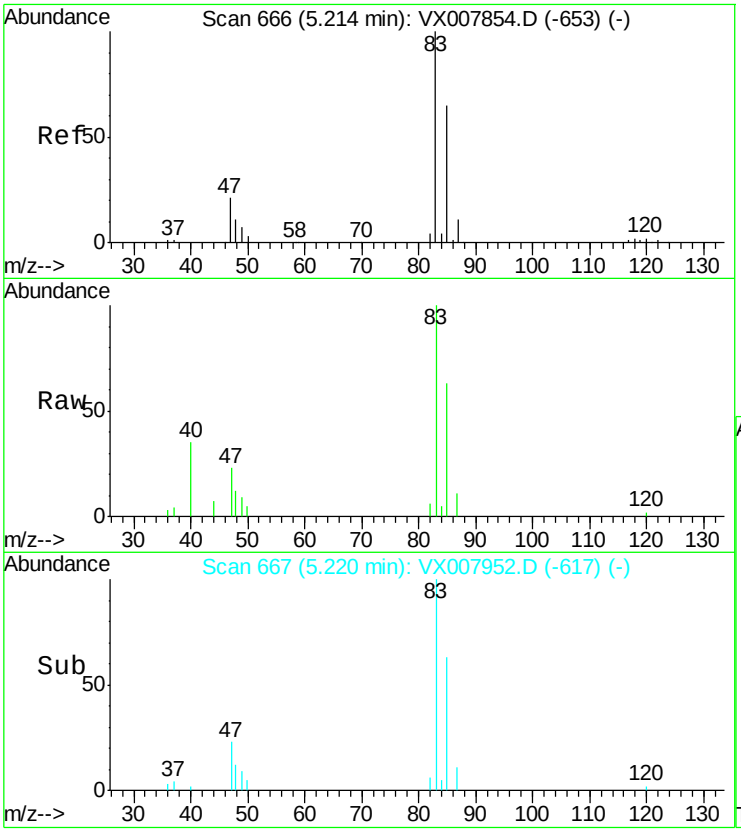


#29
Tetrahydrofuran
Concen: 0.373 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 42 Resp: 541

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	0.0	31.5	47.3#



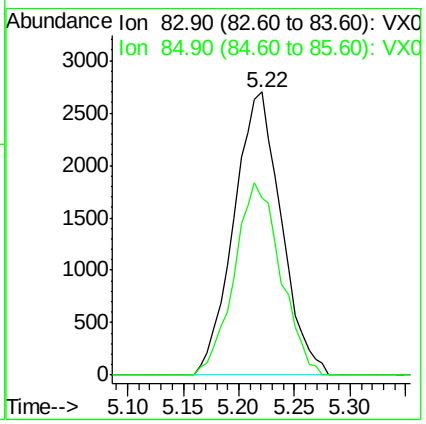


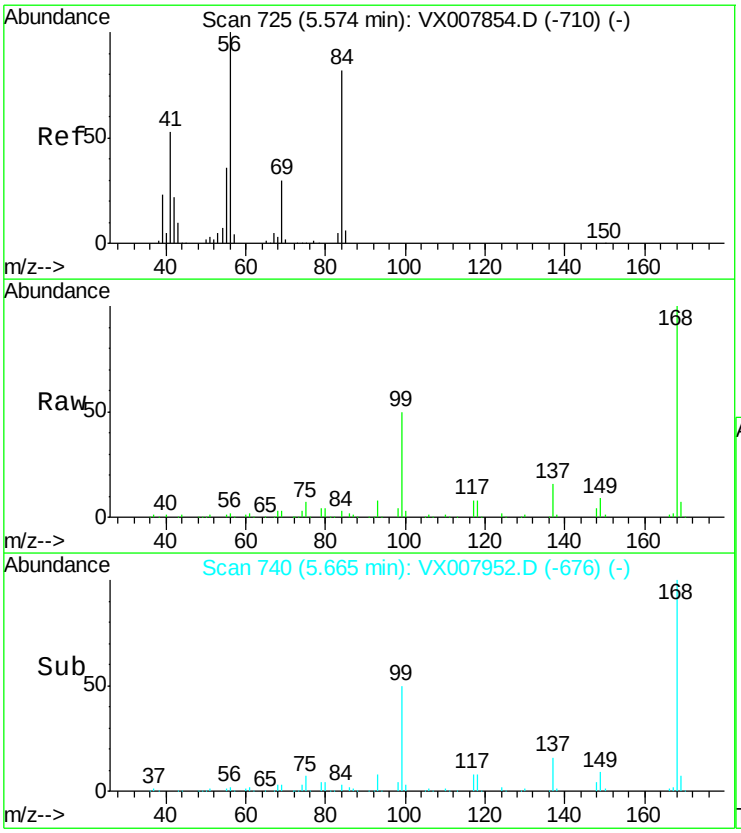
#30
Chloroform
Concen: 1.783 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 83 Resp: 7994

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.8	77.6

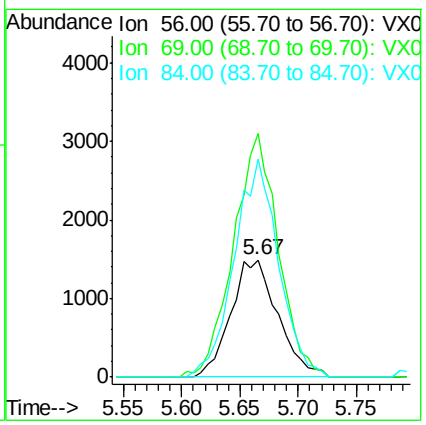


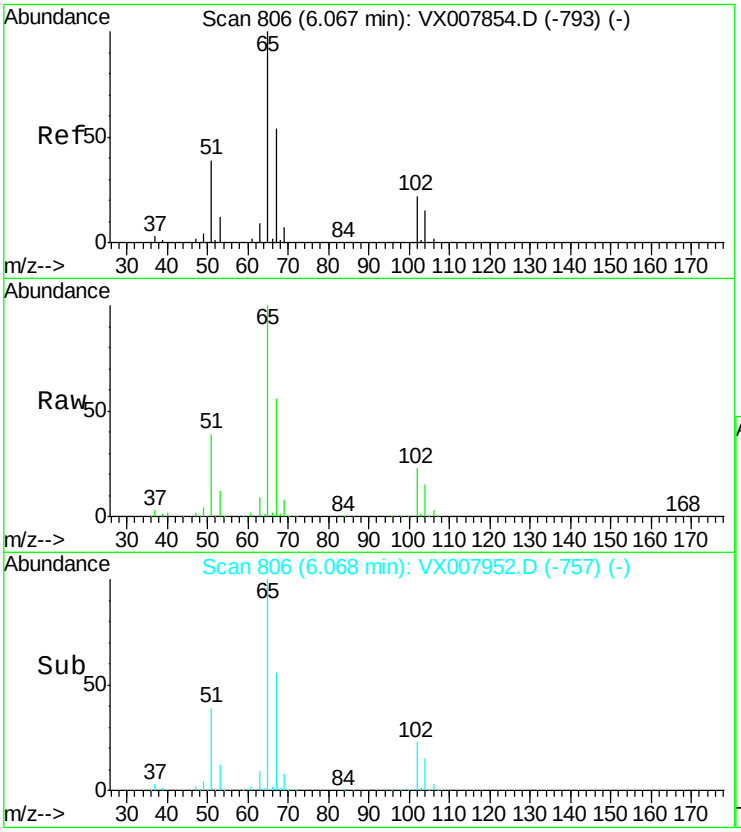


#31
Cyclohexane
Concen: 0.961 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 56 Resp: 4188

Ion	Ratio	Lower	Upper
56	100		
69	207.2	24.0	36.0#
84	185.2	65.3	97.9#



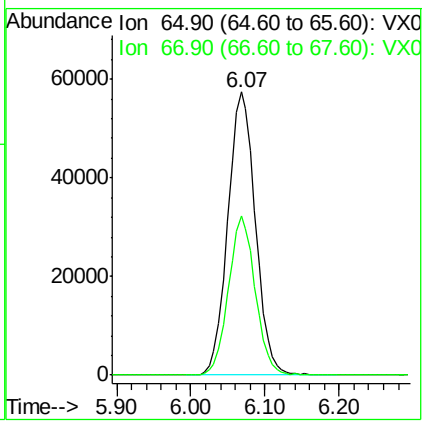


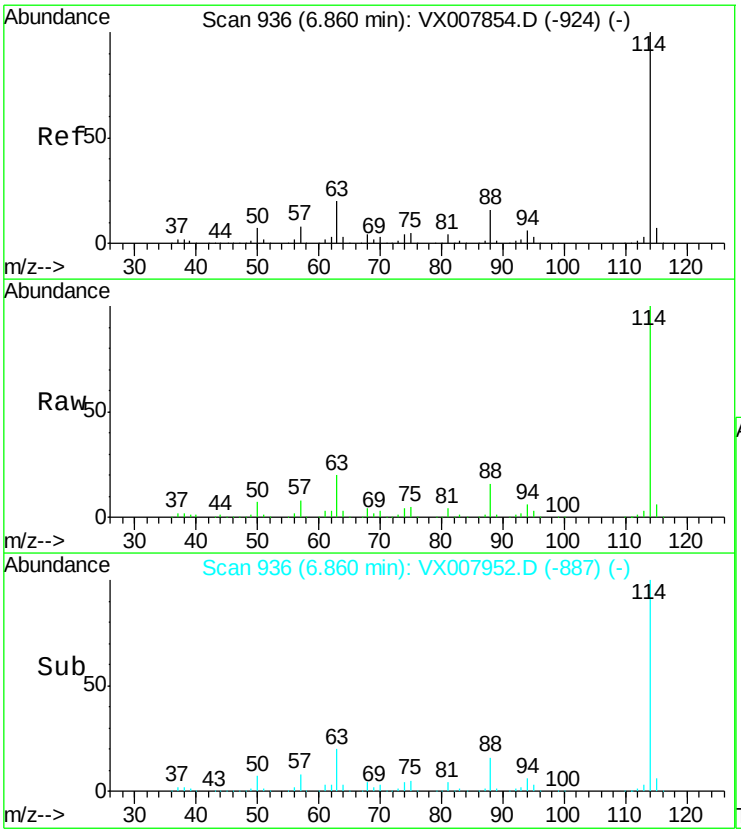
#33
1,2-Dichloroethane-d4
Concen: 52.511 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 65 Resp: 148880

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.0

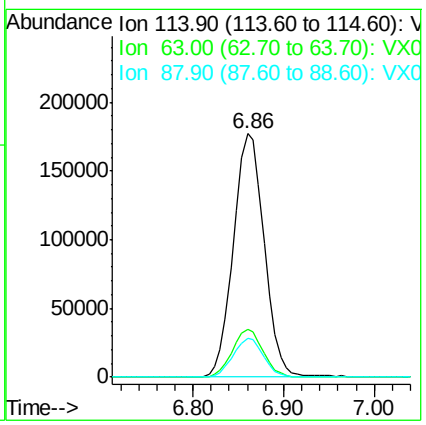


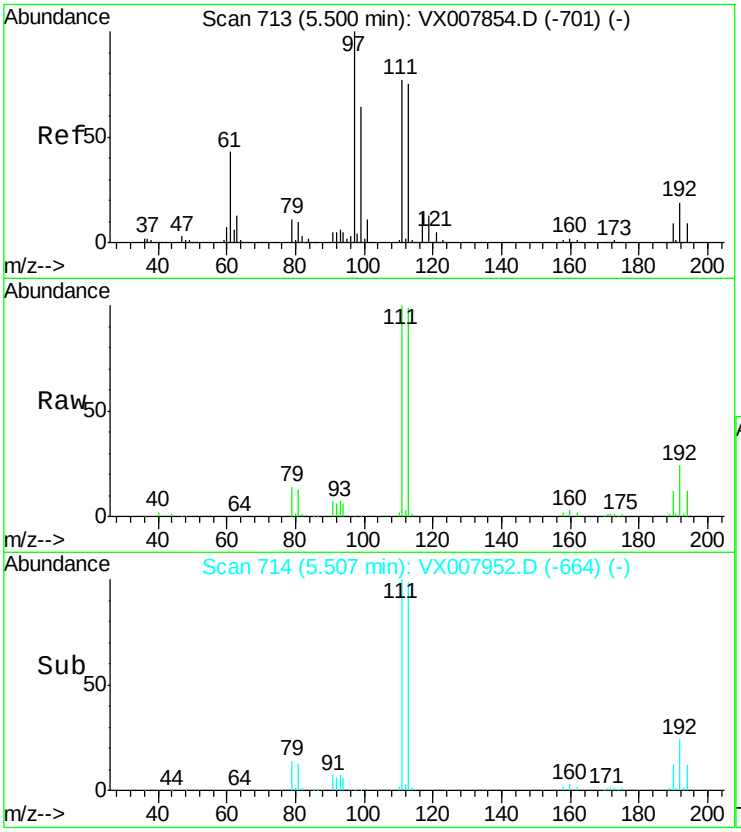


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion:114 Resp: 419069

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	16.2	0.0	31.4



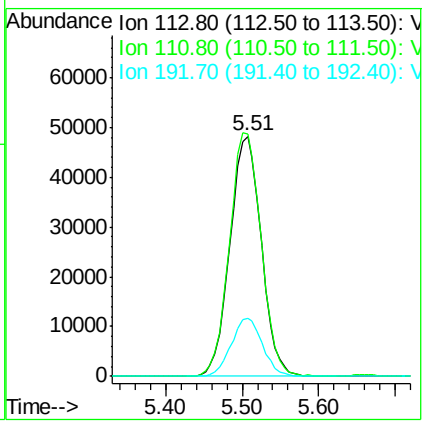


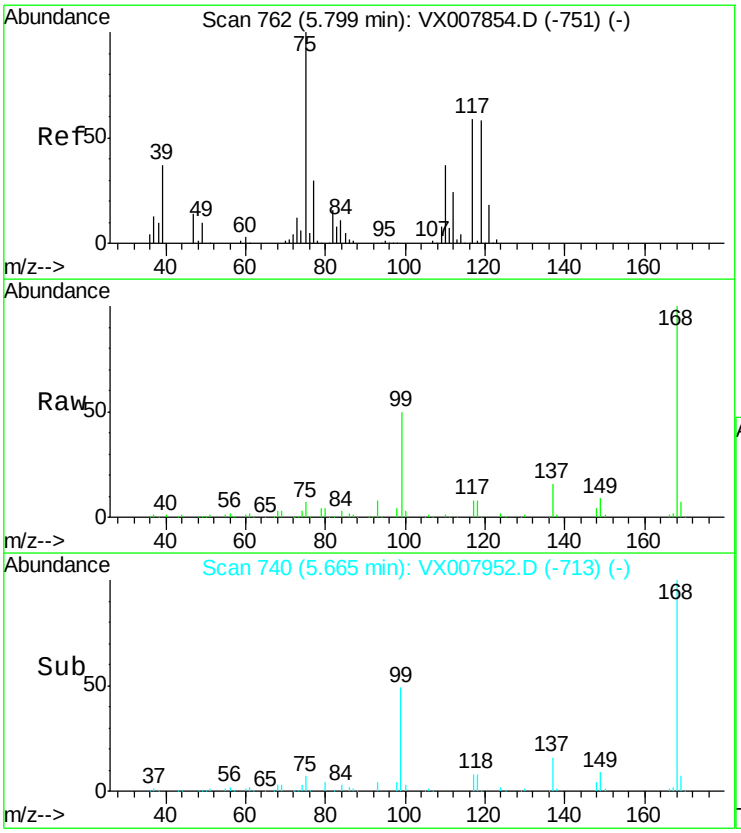
#35
Dibromofluoromethane
Concen: 51.055 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion:113 Resp: 136861

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	24.2	19.4	29.0

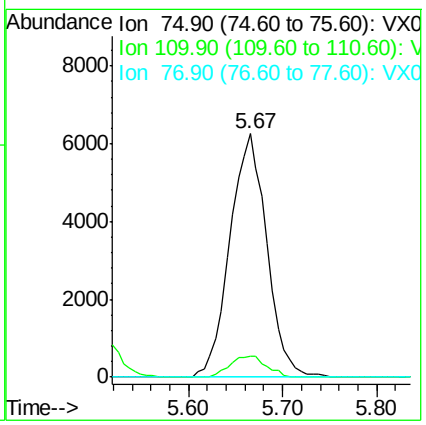


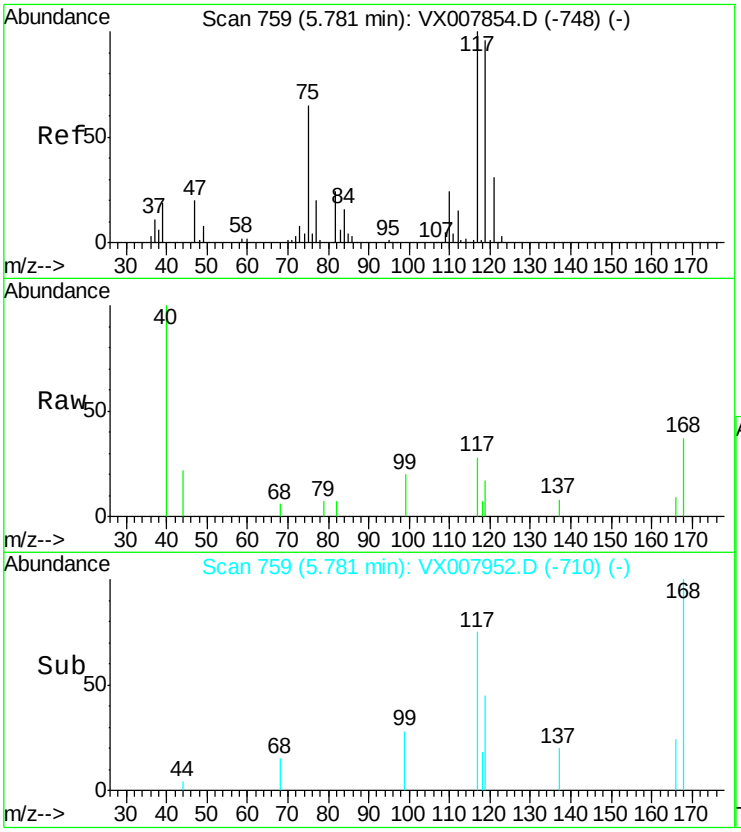


#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 75 Resp: 17037

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.4	55.0#
77	0.0	25.0	37.4#



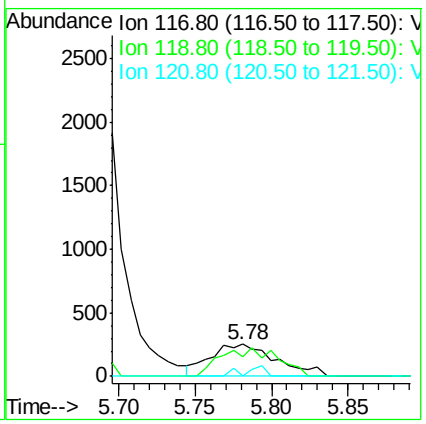


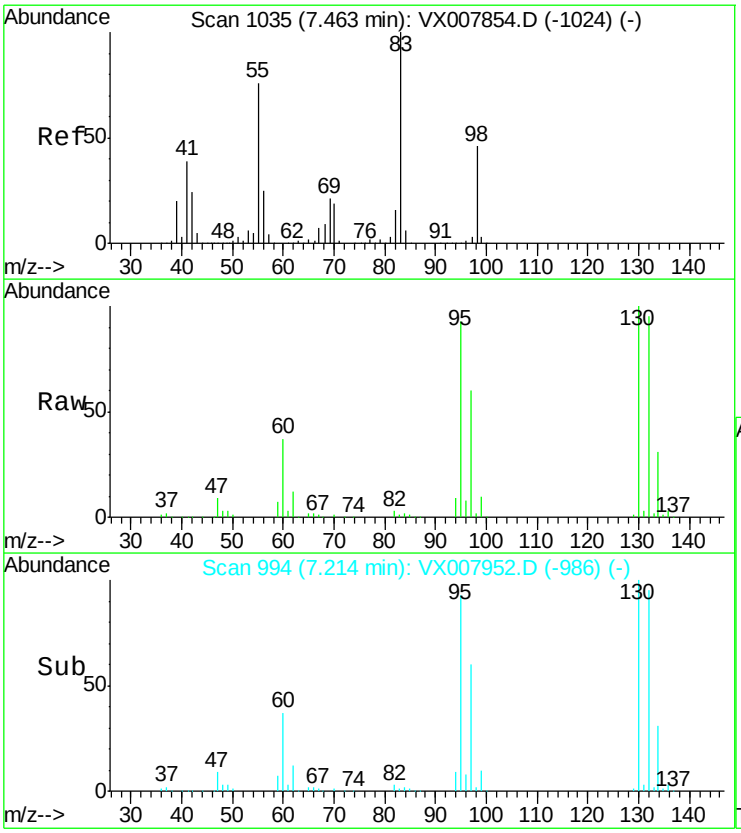
#38
Carbon Tetrachloride
Concen: 0.211 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion:117 Resp: 759

Ion	Ratio	Lower	Upper
117	100		
119	60.5	76.2	114.2#
121	0.0	24.6	36.8#

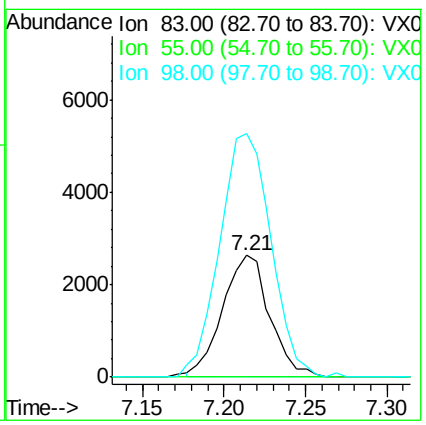


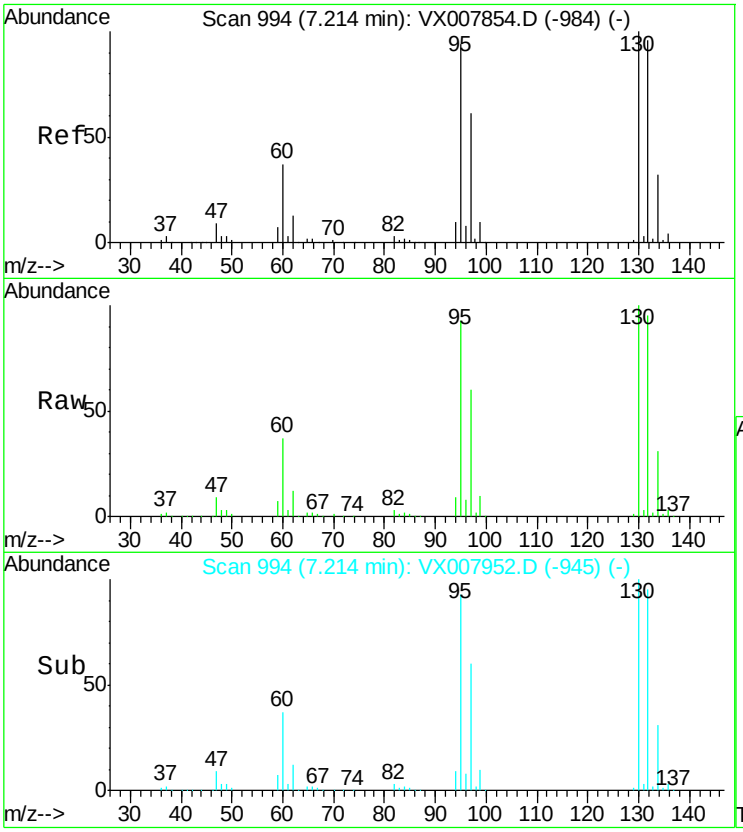


#39
Methylcyclohexane
Concen: 1.151 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 83 Resp: 5293

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	196.2	36.5	54.7#



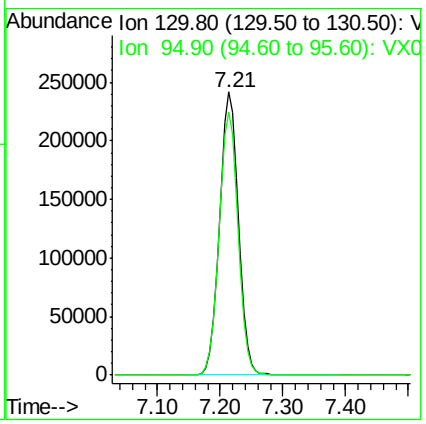


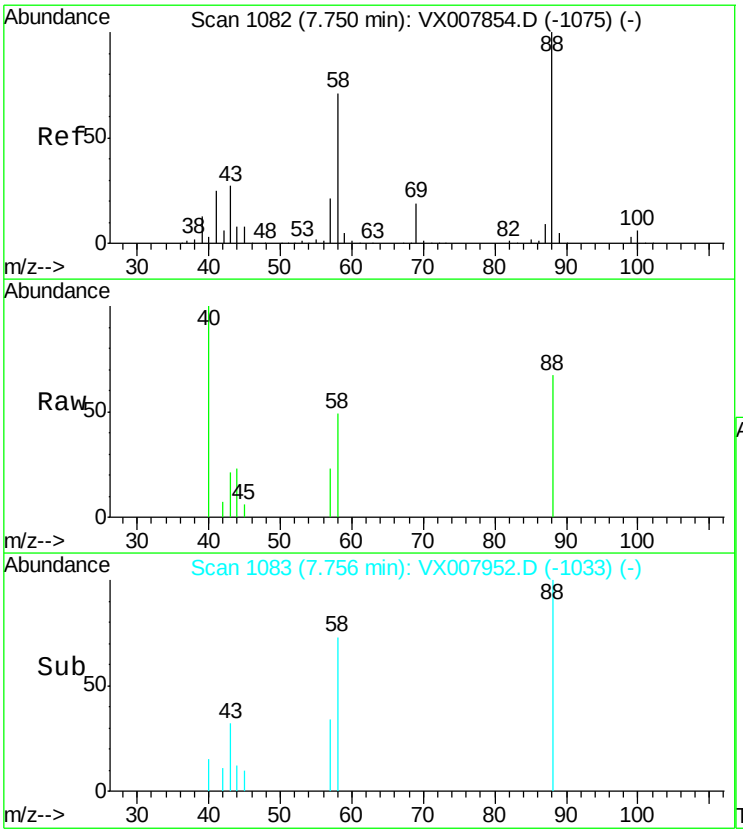
#44
Trichloroethene
Concen: 161.948 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion:130 Resp: 504168

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	188.0

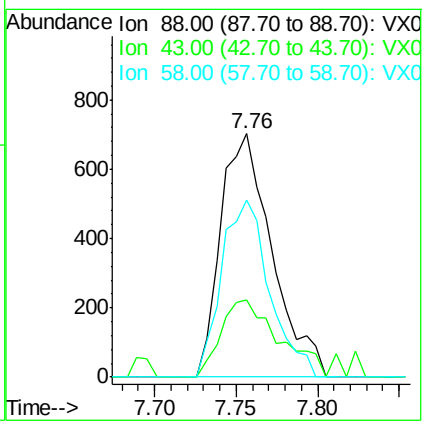


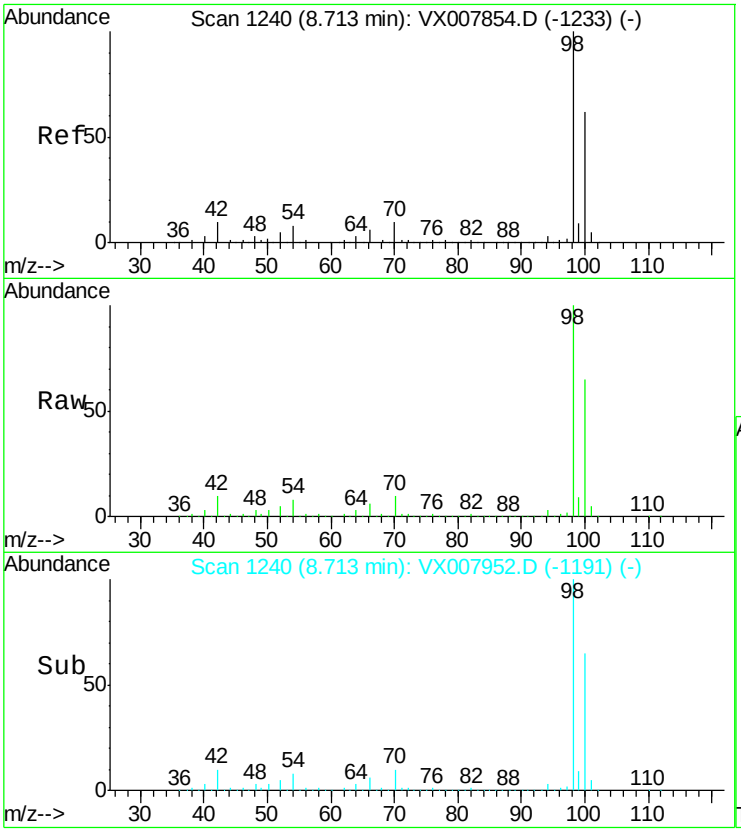


#49
1,4-Dioxane
Concen: 21.396 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 88 Resp: 1540

Ion	Ratio	Lower	Upper
88	100		
43	36.1	25.1	37.7
58	67.7	57.8	86.6



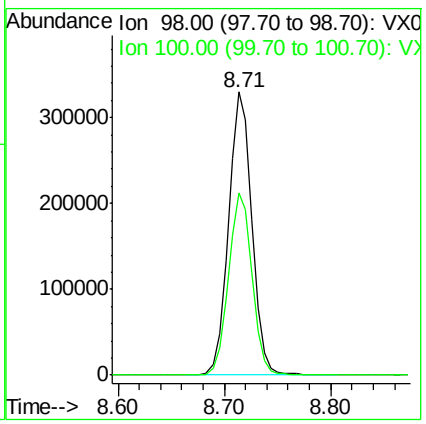


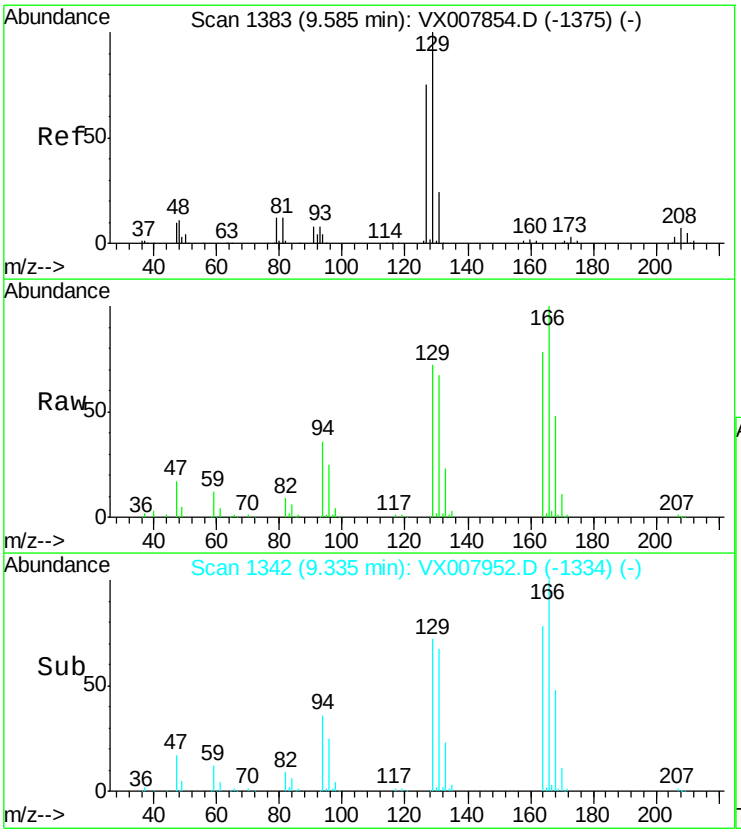
#50
Toluene-d8
Concen: 51.498 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument : MSVOA_X
ClientSampleId : DUP01-20190305

Tgt Ion: 98 Resp: 506986

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5

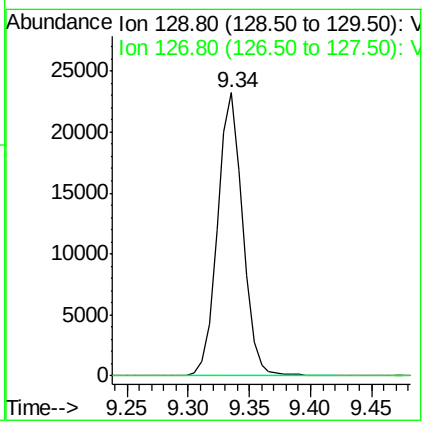


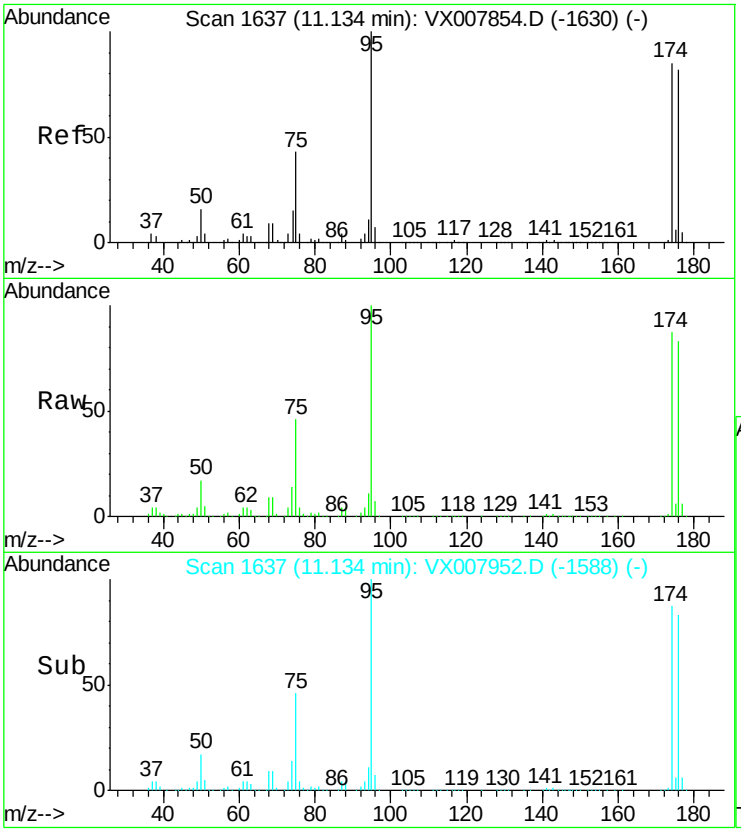


#60
Dibromochloromethane
Concen: 11.378 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion:129 Resp: 33205

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



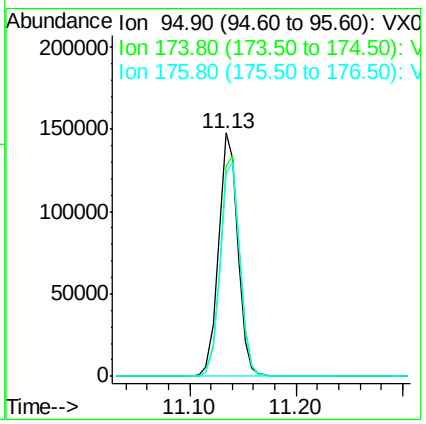


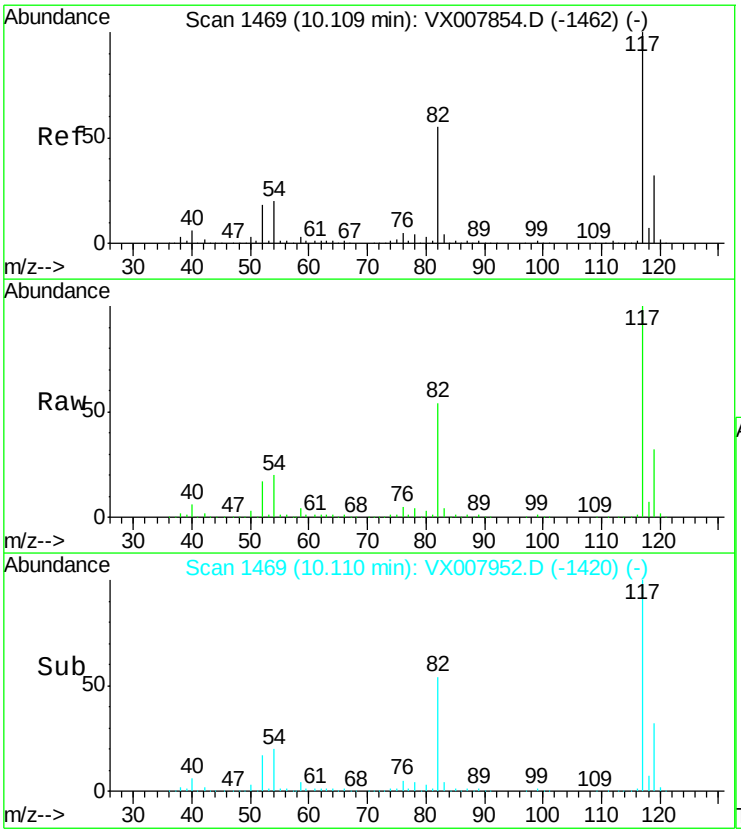
#62
4-Bromofluorobenzene
Concen: 53.936 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 95 Resp: 186167

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	182.8
176	89.4	0.0	178.0

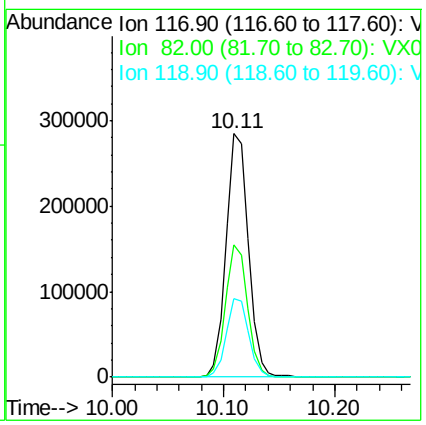


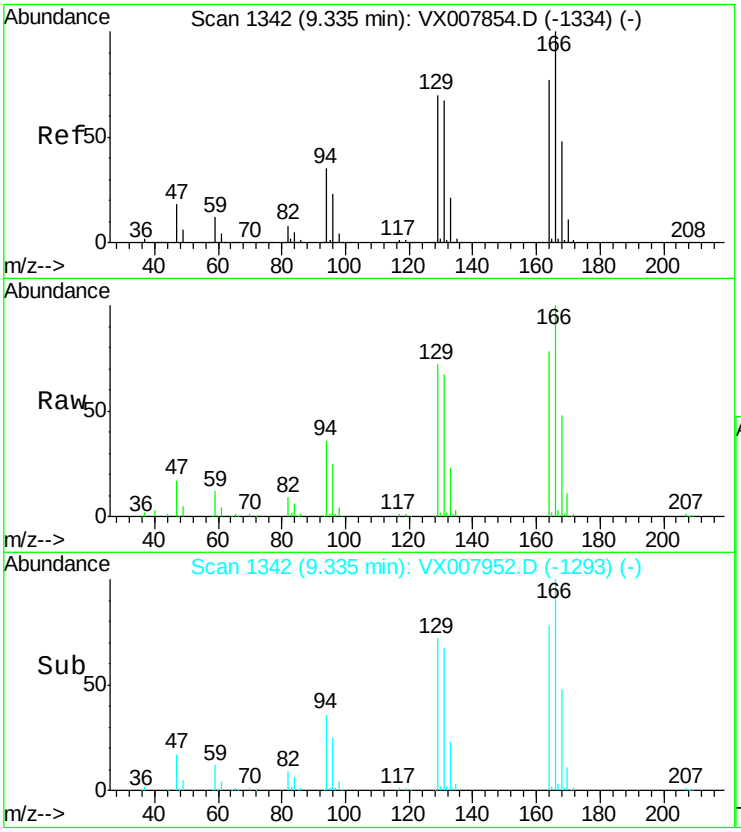


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion:117 Resp: 395107

Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.3	66.5
119	32.1	25.3	37.9



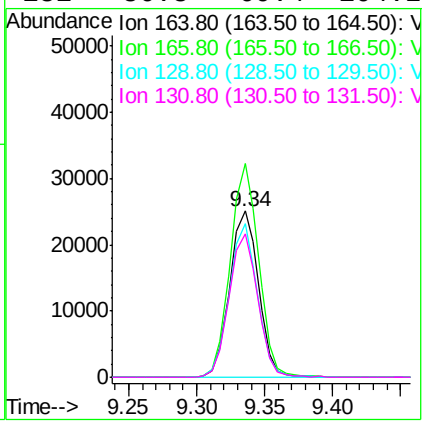


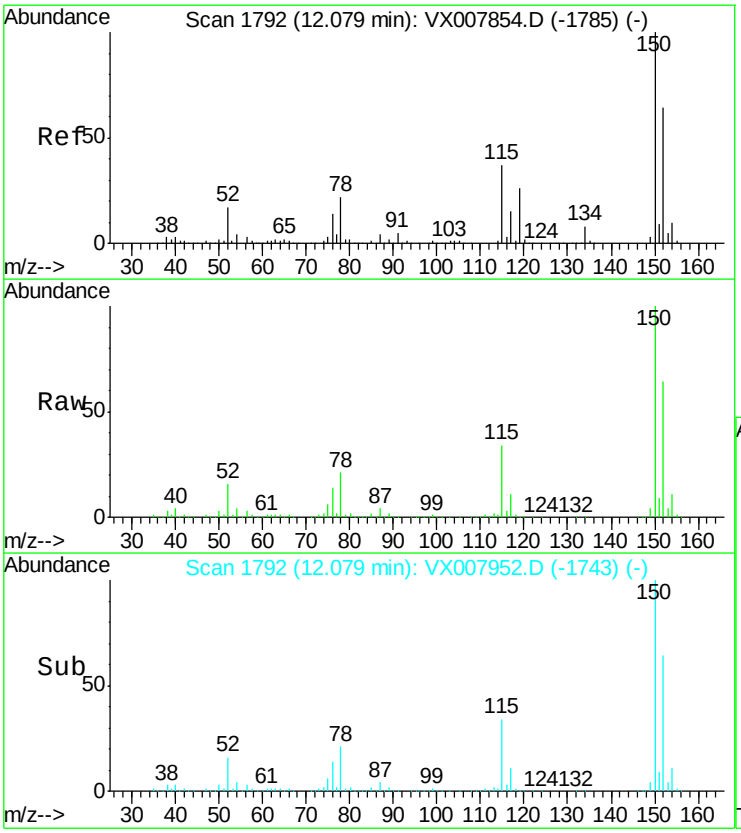
#64
Tetrachloroethene
Concen: 11.345 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion:164 Resp: 37147

Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.4	155.0
129	92.7	72.2	108.4
131	86.3	69.4	104.2

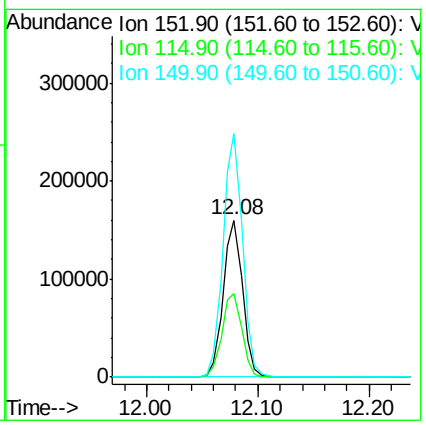


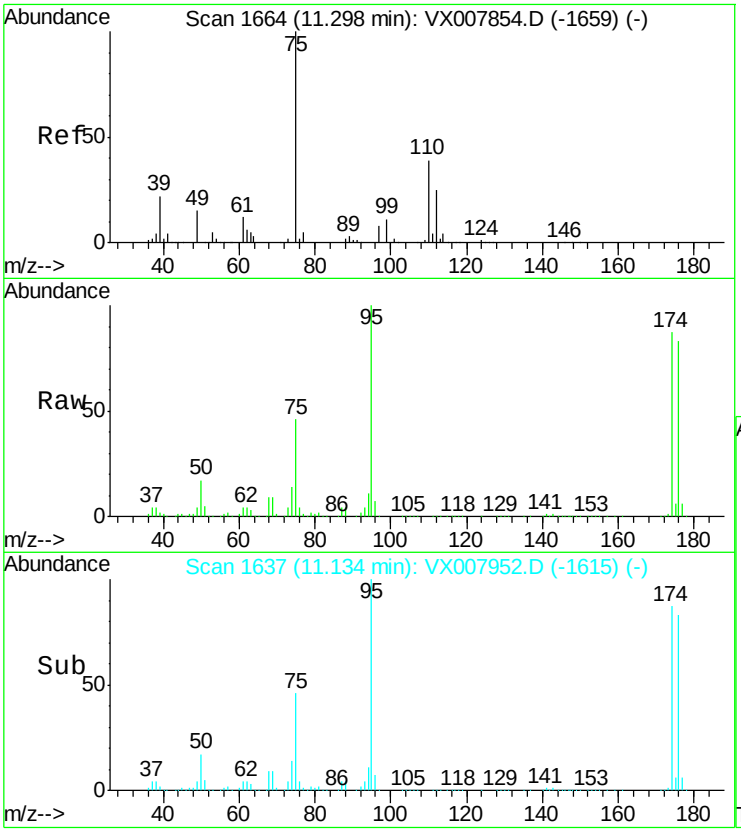


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion:152 Resp: 191832

Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	115.7
150	156.0	0.0	348.4



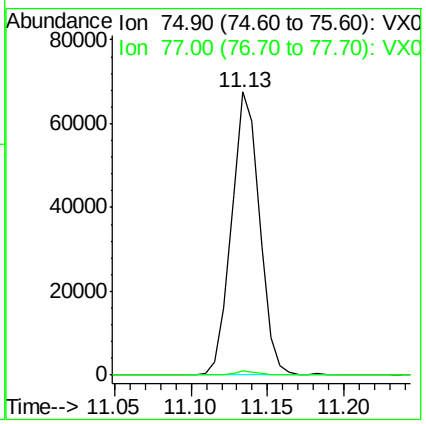


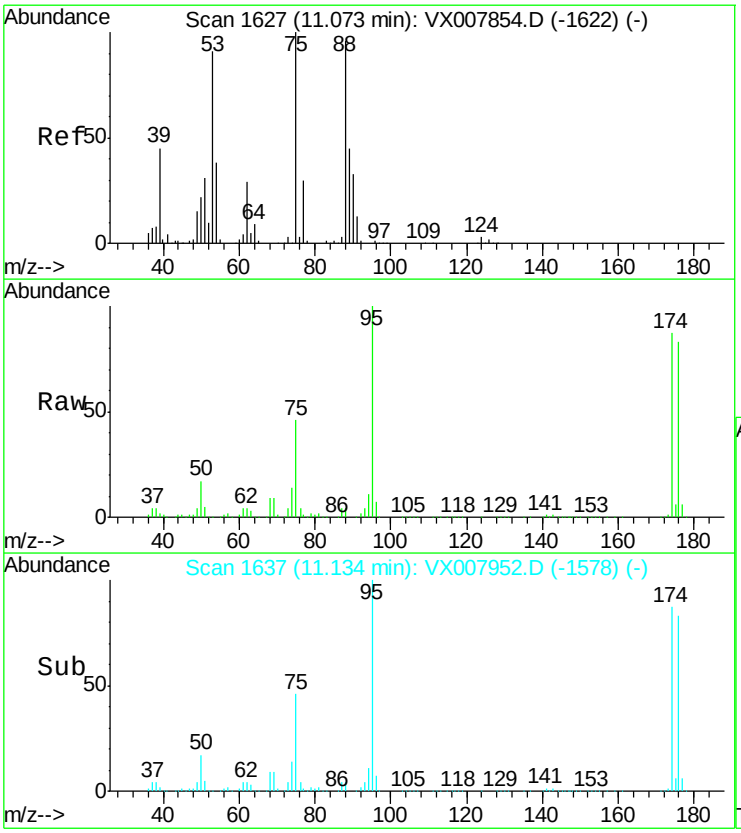
#76
1,2,3-Trichloropropane
Concen: 21.265 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190305

Tgt Ion: 75 Resp: 85601

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.974 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007952.D
Acq: 09 Mar 2019 00:55

Tgt Ion: 75 Resp: 85601

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.0	36.3	54.5#