Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012551.D
Acq On : 20 Sep 2019 12:52
Operator : JC/SP
Sample : K4858-22DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP02-20190910DL

Quant Time: Sep 21 01:31:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	123172	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.54%			
35) Dibromofluoromethane	5.49	113	88337	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.58%			
50) Toluene-d8	8.71	98	340231	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.62%			
62) 4-Bromofluorobenzene	11.13	95	119696	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	109	0.478	ug/l #	43
3) Chloromethane	1.32	50	234	0.229	ug/l #	51
5) Bromomethane	1.63	94	601	1.386	ug/l #	19
6) Chloroethane	1.71	64	189	0.219	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41060	28.050	ug/l	97
10) Methyl Iodide	2.50	142	454	4.771	ug/l	98
11) Tert butyl alcohol	3.01	59	4371	0.617	ug/l #	76
12) 1,1-Dichloroethene	2.36	96	600	0.514	ug/l	80
13) Acrolein	2.28	56	110	Below Cal	#	15
15) Acrylonitrile	3.14	53	300	0.260	ug/l #	84
16) Acetone	2.44	43	1272	Below Cal	#	71
17) Carbon Disulfide	2.56	76	374	2.025	ug/l #	39
20) Methylene Chloride	2.84	84	966	0.600	ug/l #	68
25) 2-Butanone	4.69	43	581	0.315	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	774	0.427	ug/l	81
30) Chloroform	5.20	83	700	0.200	ug/l	94
31) Cyclohexane	5.65	56	4209	2.289	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	15432	8.662	ug/l #	53
38) Carbon Tetrachloride	5.65	117	20349	9.184	ug/l #	16
44) Trichloroethene	7.21	130	7218	4.844	ug/l	96
60) Dibromochloromethane	9.33	129	2726	1.423	ug/l #	11
64) Tetrachloroethene	9.33	164	2652	2.366	ug/l	86
76) 1,2,3-Trichloropropane	11.13	75	62493	27.670	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	62493	74.357	ug/l #	8

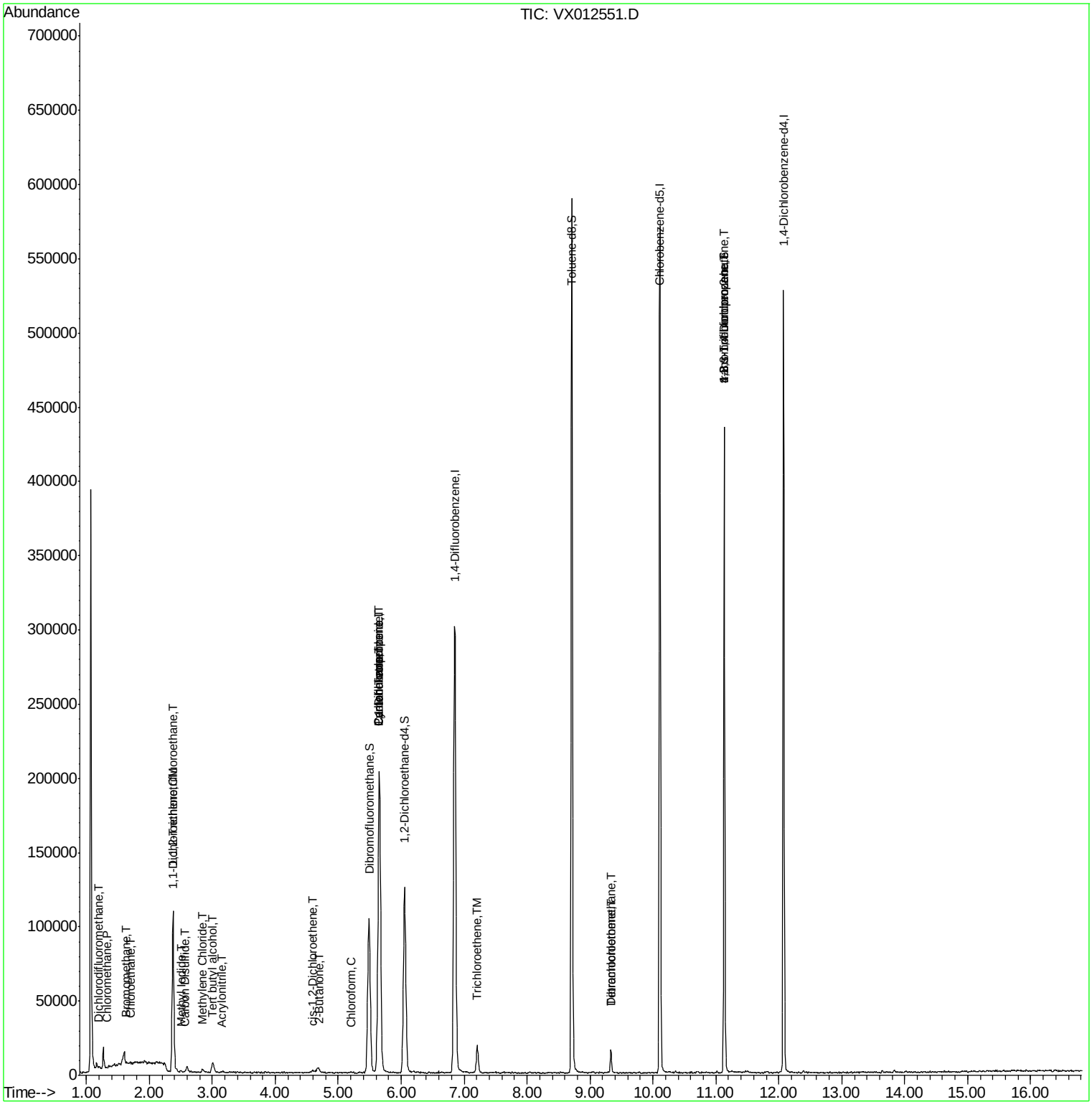
(#) = qualifier out of range (m) = manual integration (+) = signals summed

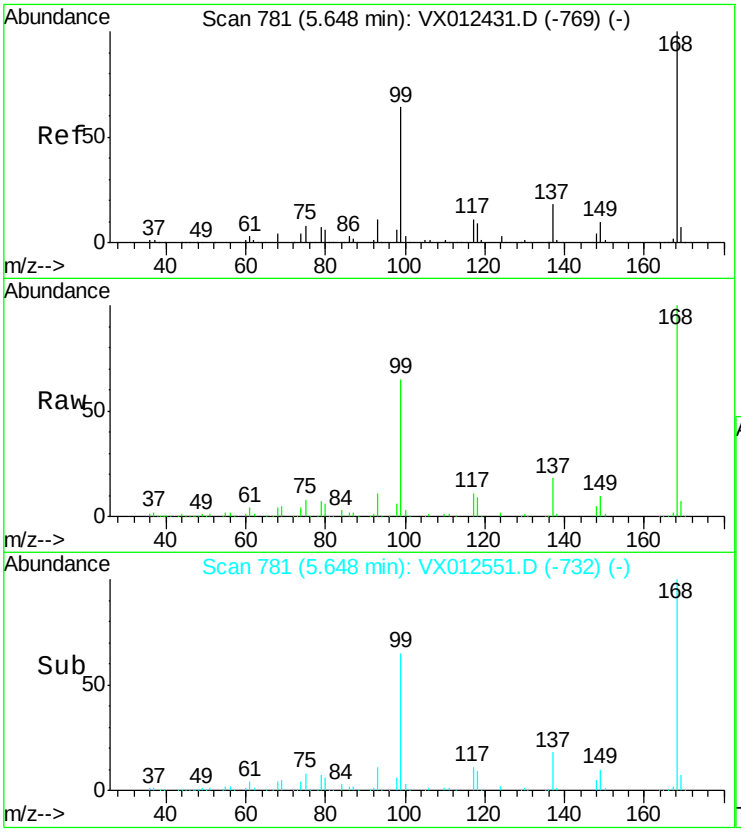
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012551.D
Acq On : 20 Sep 2019 12:52
Operator : JC/SP
Sample : K4858-22DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Quant Time: Sep 21 01:31:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



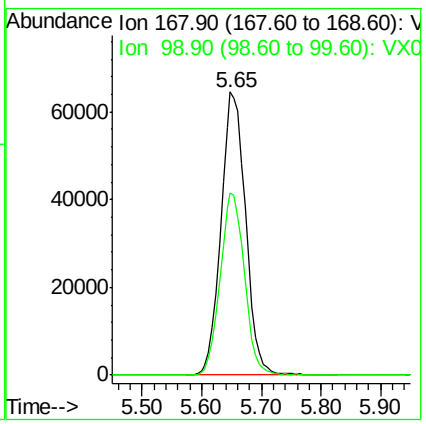


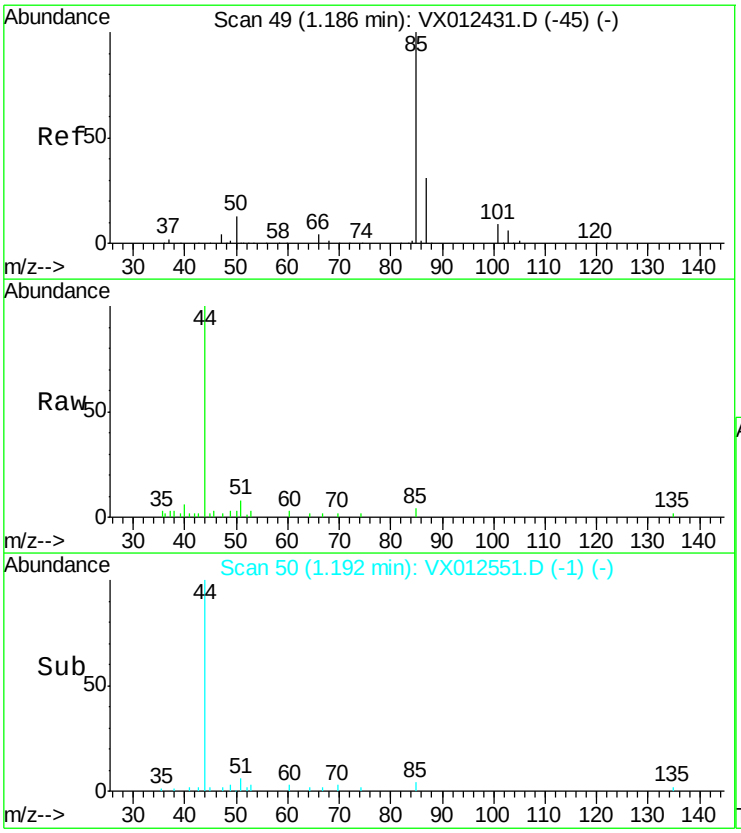
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion:168 Resp: 185734

Ion	Ratio	Lower	Upper
168	100		
99	64.4	51.4	77.2

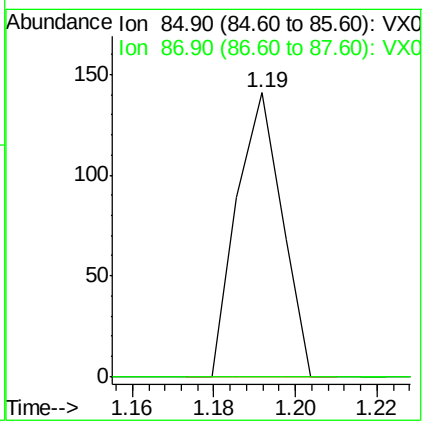


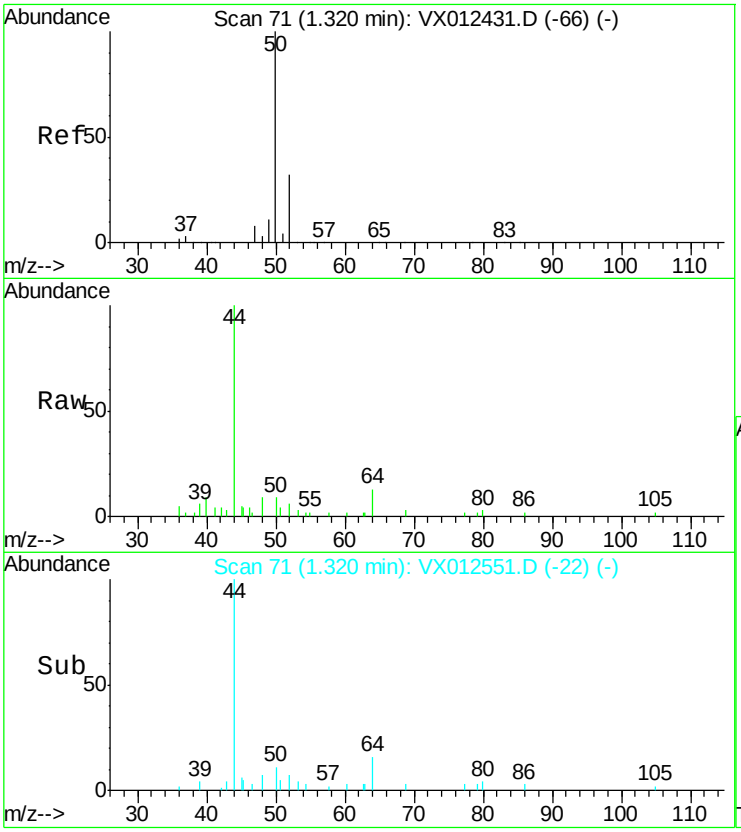


#2
Dichlorodifluoromethane
Concen: 0.478 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 85 Resp: 109

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



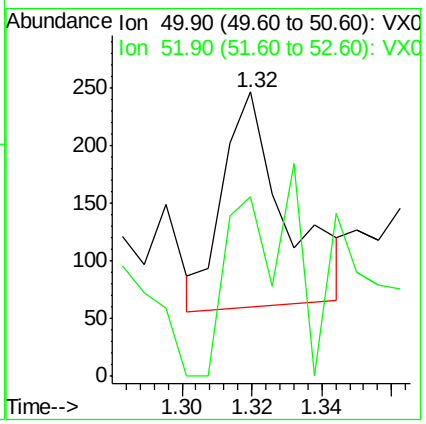


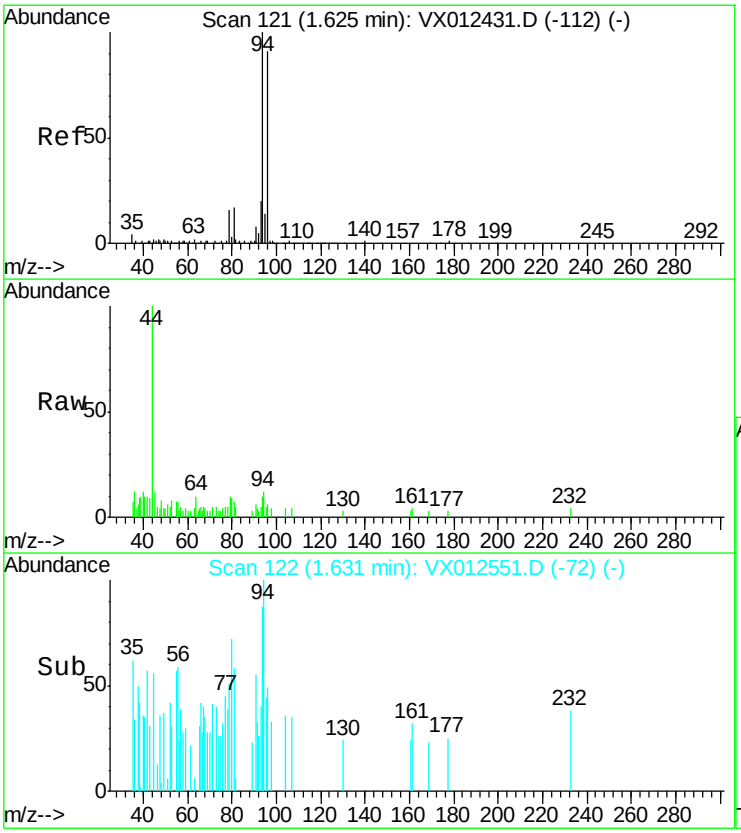
#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 50 Resp: 234

Ion	Ratio	Lower	Upper
50	100		
52	59.6	25.7	38.5#

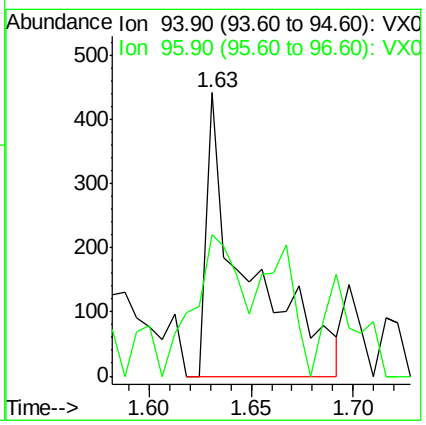


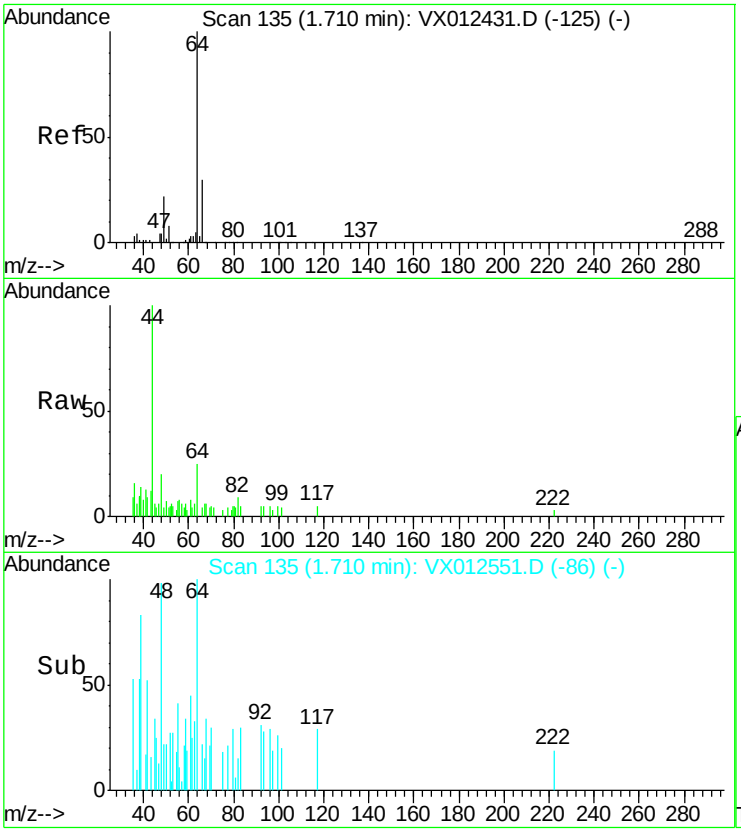


#5
Bromomethane
Concen: 1.386 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 94 Resp: 601

Ion	Ratio	Lower	Upper
94	100		
96	14.3	72.8	109.2#



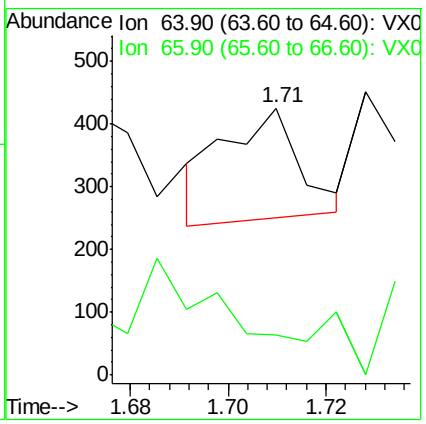


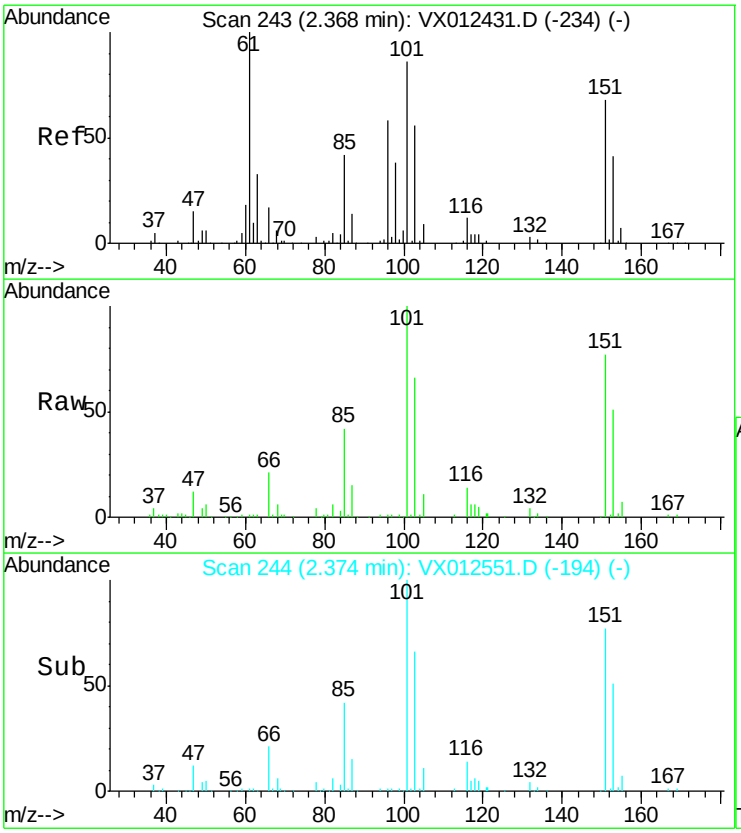
#6
Chloroethane
Concen: 0.219 ug/l
RT: 1.71 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 64 Resp: 189

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

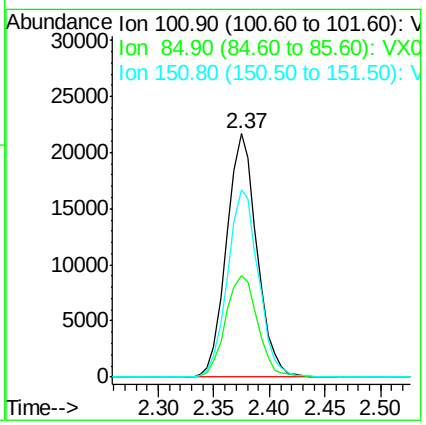


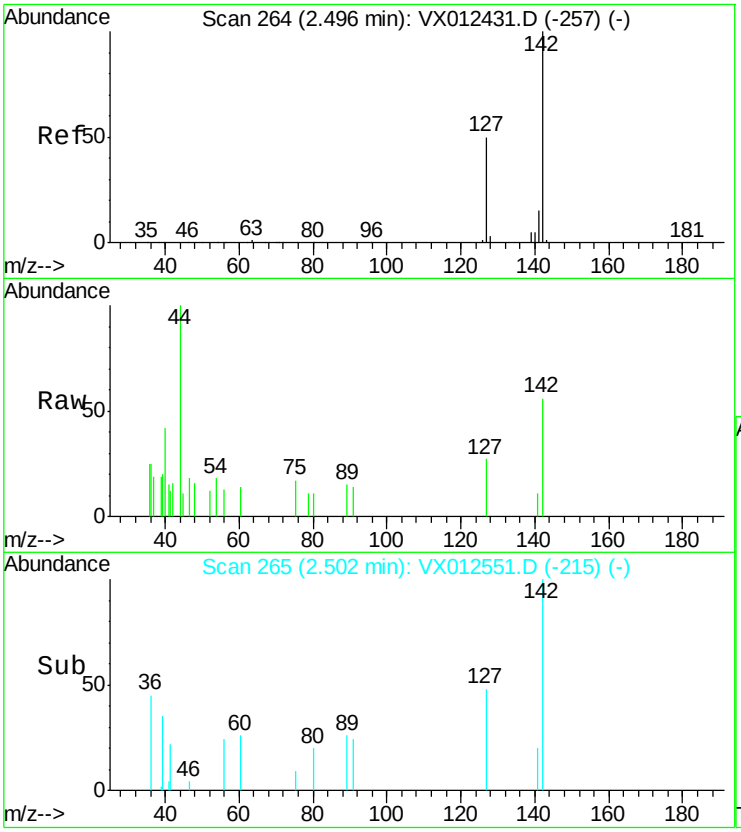


#9
1,1,2-Trichlorotrifluoroethane
Concen: 28.050 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion:101 Resp: 41060

Ion	Ratio	Lower	Upper
101	100		
85	44.1	37.3	55.9
151	78.2	61.0	91.4



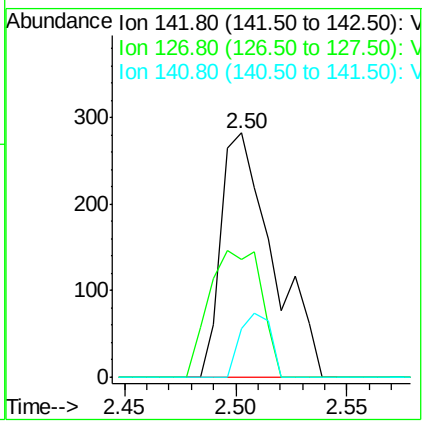


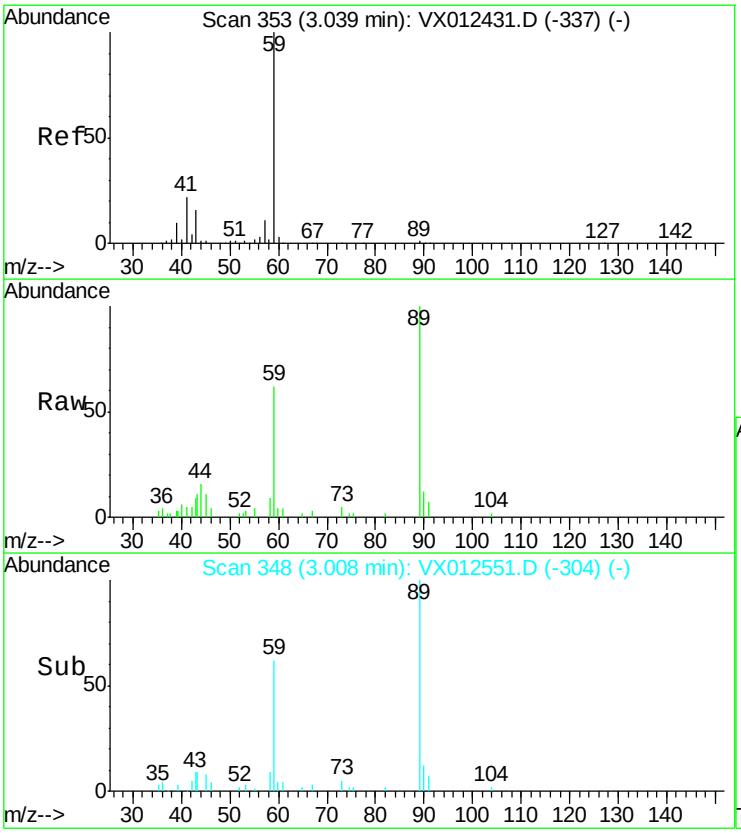
#10
Methyl Iodide
Concen: 4.771 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument : MSVOA_X
ClientSampleId : DUP02-20190910DL

Tgt Ion:142 Resp: 454

Ion	Ratio	Lower	Upper
142	100		
127	52.9	40.8	61.2
141	15.6	12.1	18.1

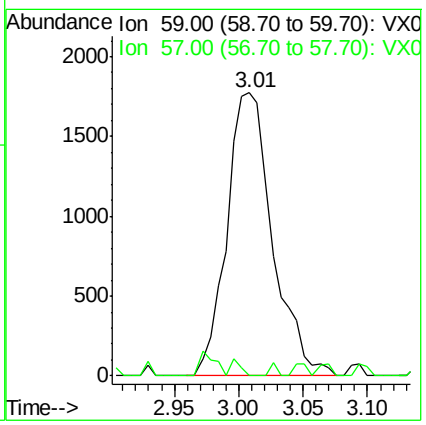


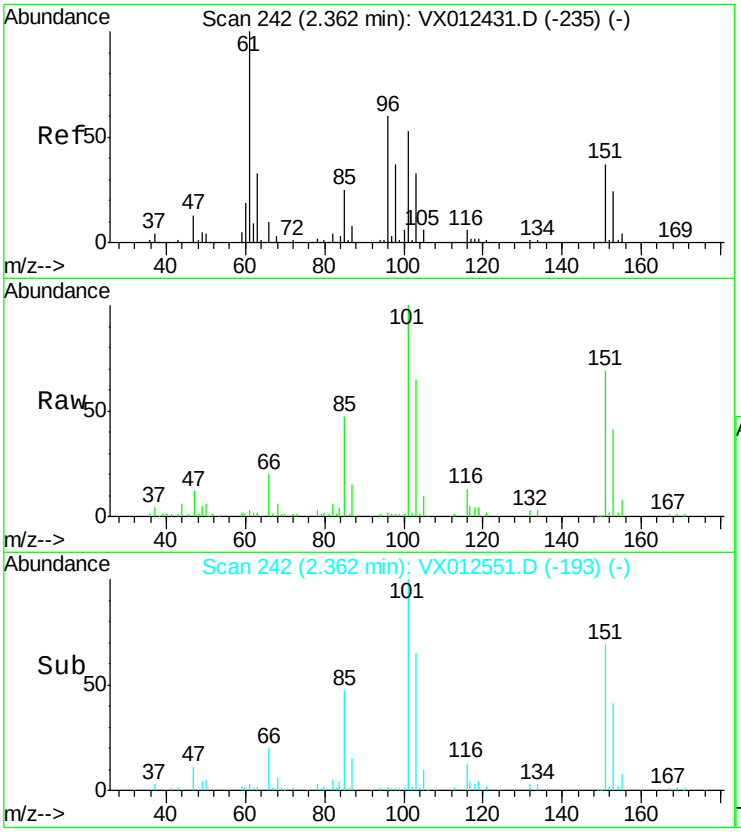


#11
Tert butyl alcohol
Concen: 0.617 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 59 Resp: 4371

Ion	Ratio	Lower	Upper
59	100		
57	1.3	8.3	12.5#



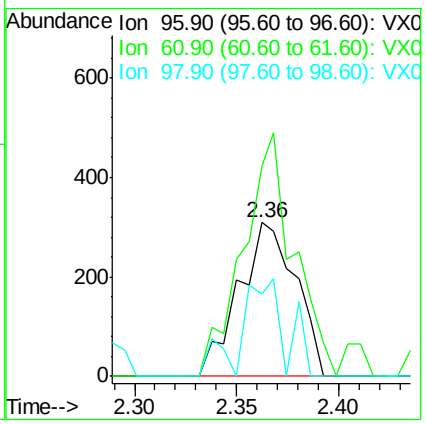


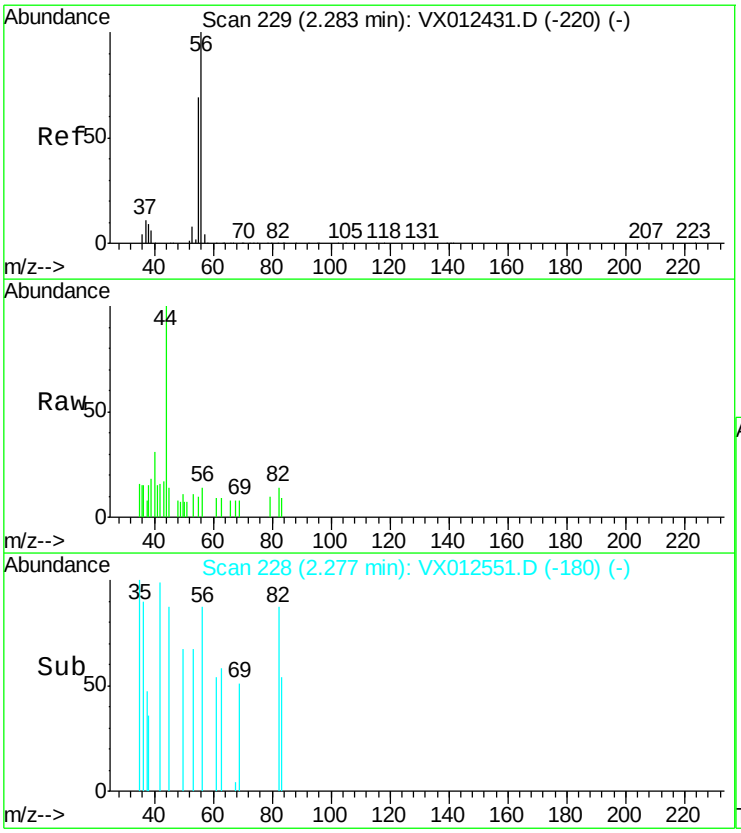
#12
1,1-Dichloroethene
Concen: 0.514 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 96 Resp: 600

Ion	Ratio	Lower	Upper
96	100		
61	136.6	133.8	200.6
98	53.4	49.9	74.9

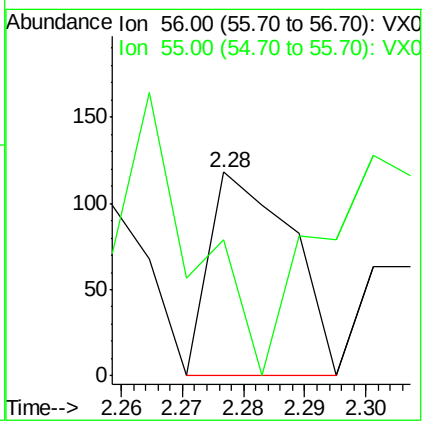


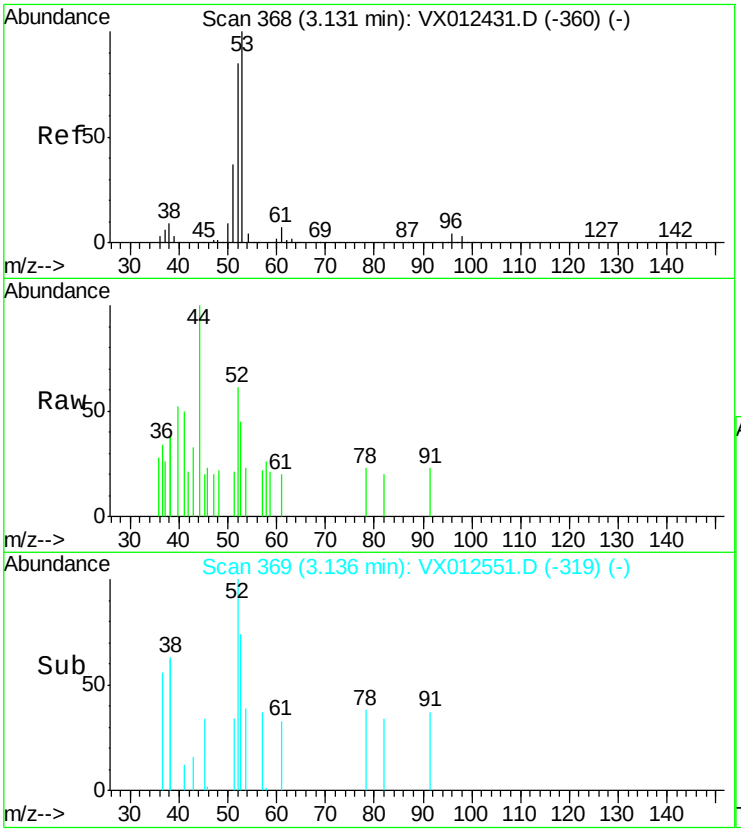


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 56 Resp: 110

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#



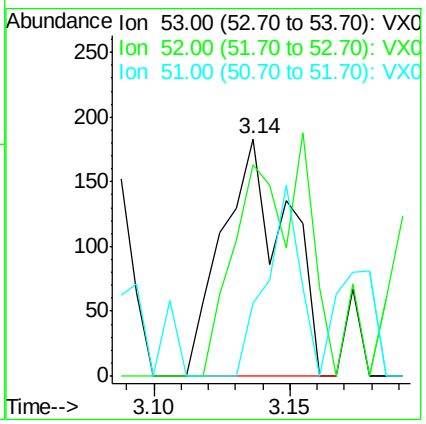


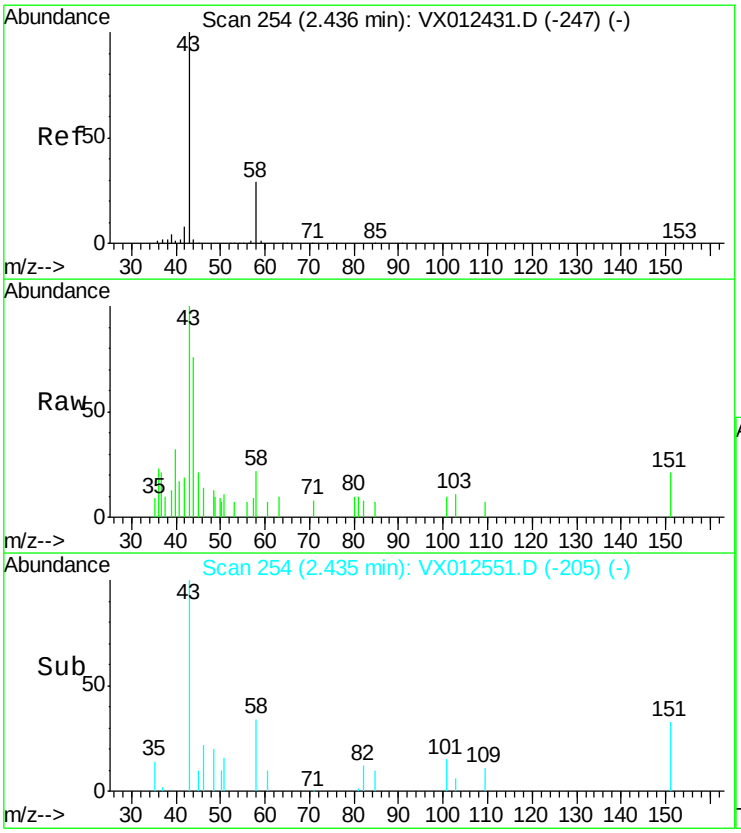
#15
Acrylonitrile
Concen: 0.260 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument : MSVOA_X
ClientSampleId : DUP02-20190910DL

Tgt Ion: 53 Resp: 300

Ion	Ratio	Lower	Upper
53	100		
52	101.7	67.0	100.4#
51	42.0	29.6	44.4

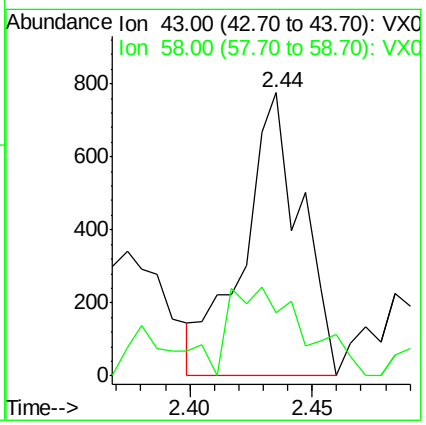


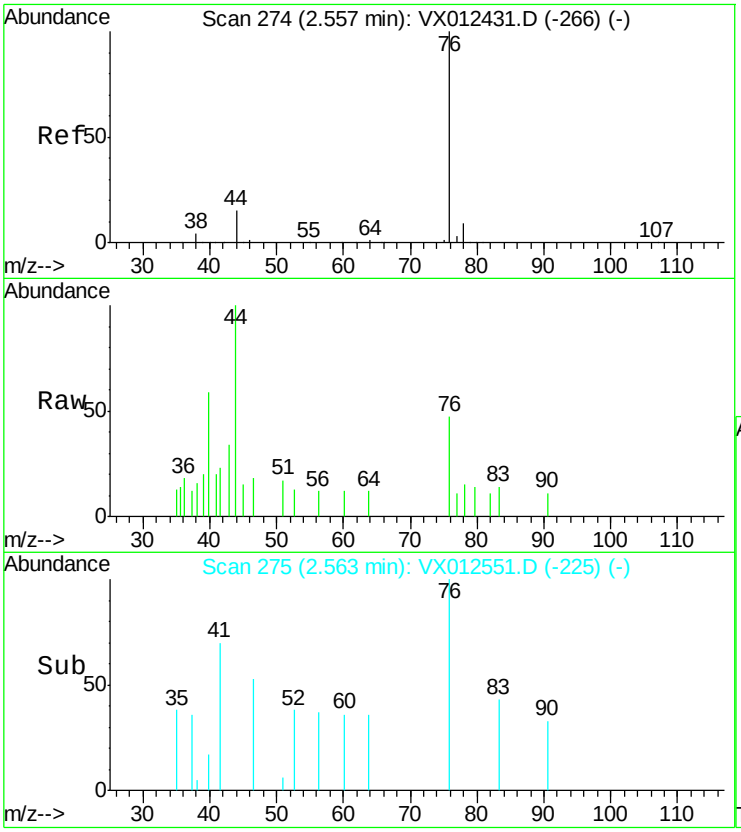


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 43 Resp: 1272

Ion	Ratio	Lower	Upper
43	100		
58	13.7	23.3	34.9#



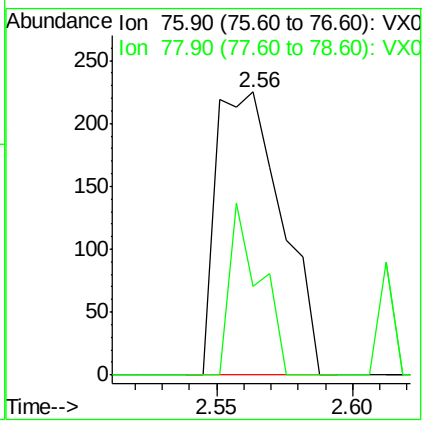


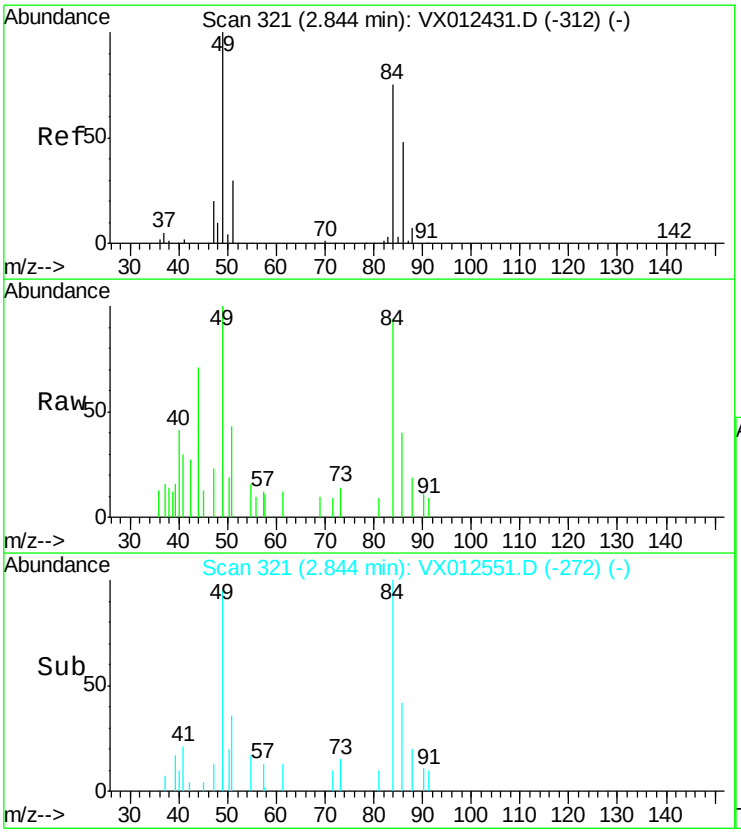
#17
Carbon Disulfide
Concen: 2.025 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 76 Resp: 374

Ion	Ratio	Lower	Upper
76	100		
78	31.1	7.3	10.9#

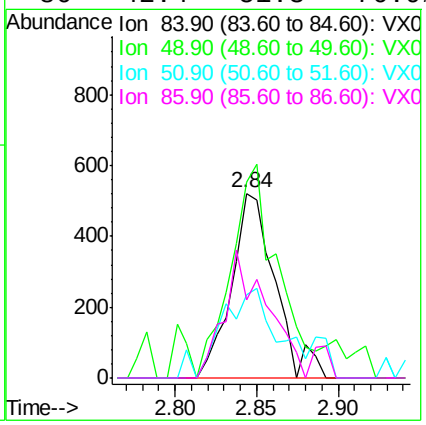


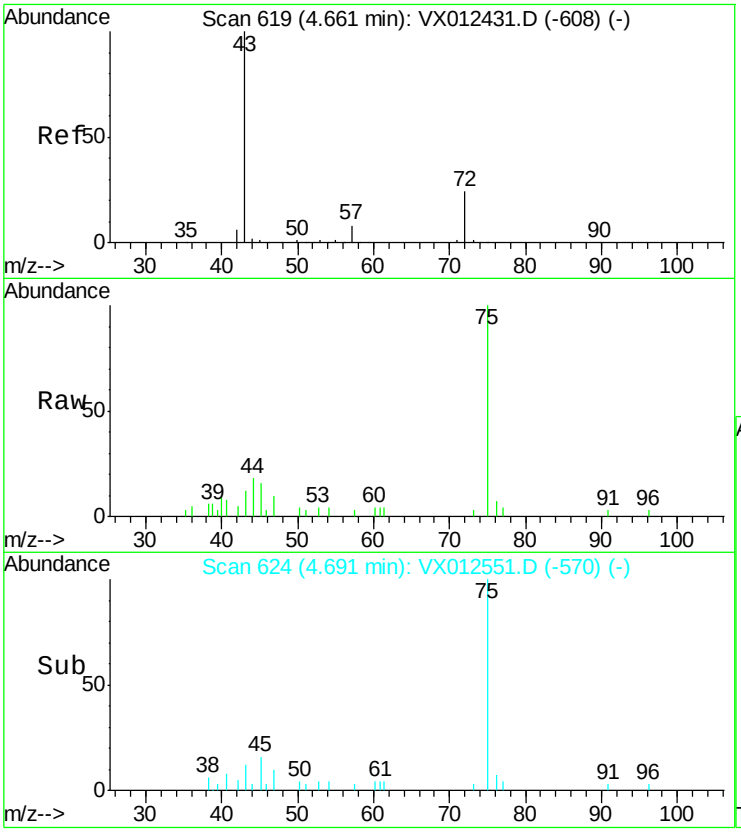


#20
Methylene Chloride
Concen: 0.600 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 84 Resp: 966

Ion	Ratio	Lower	Upper
84	100		
49	86.9	106.8	160.2#
51	31.5	32.3	48.5#
86	42.4	51.3	76.9#



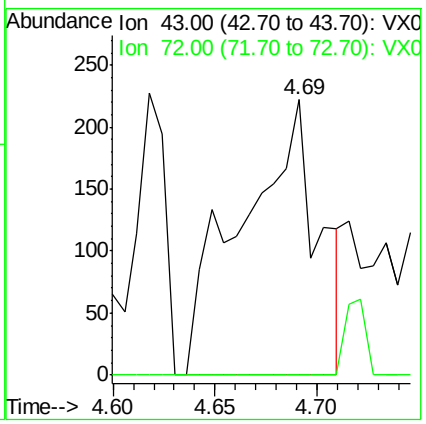


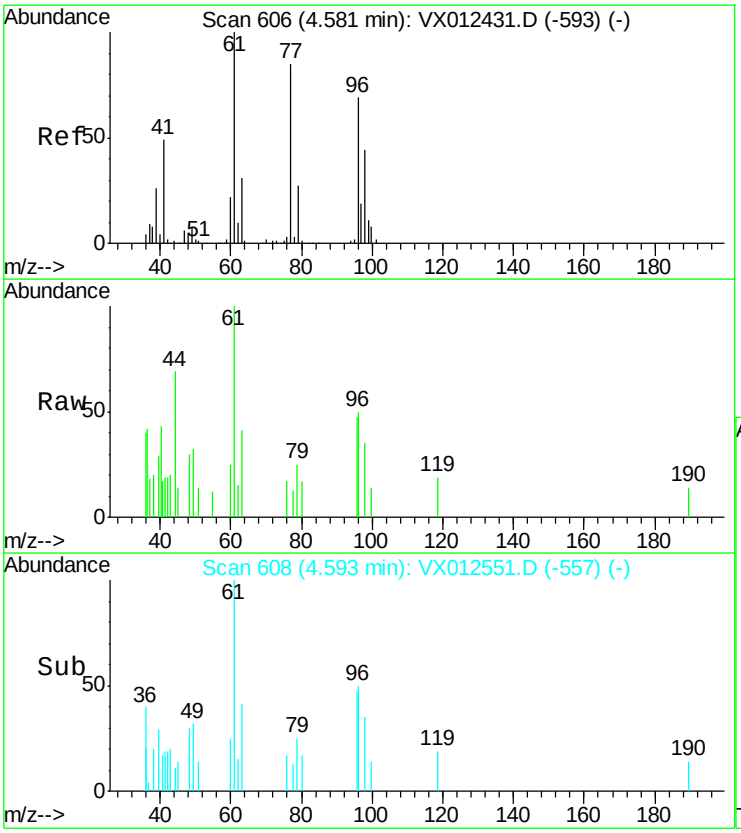
#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.69 min Scan# 624
Delta R.T. 0.03 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 43 Resp: 581

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

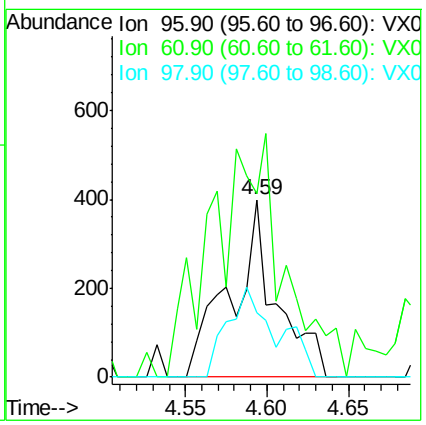


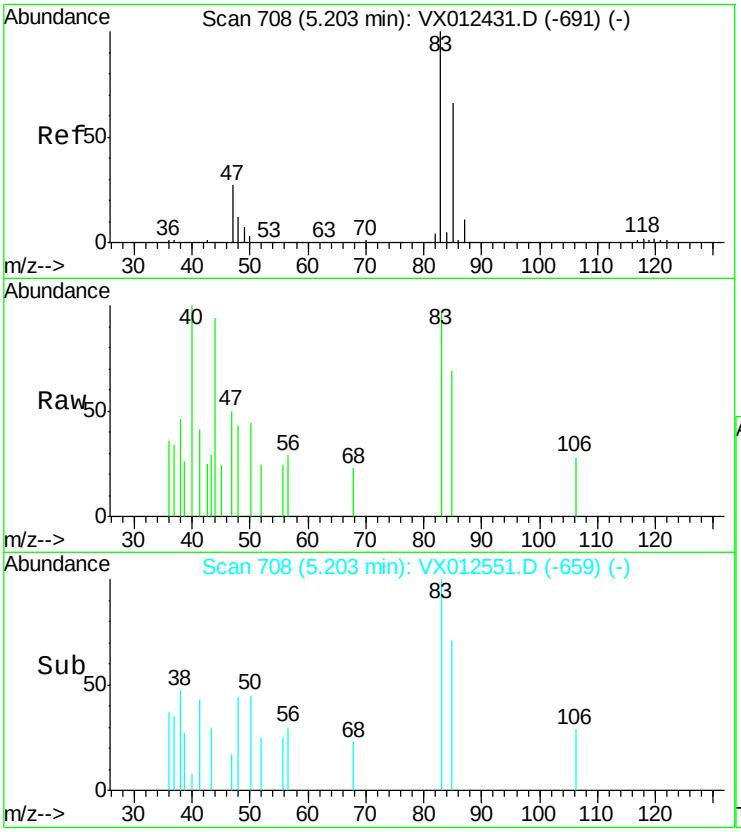


#27
cis-1,2-Dichloroethene
Concen: 0.427 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 96 Resp: 774

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	319.4
98	42.2	0.0	130.6



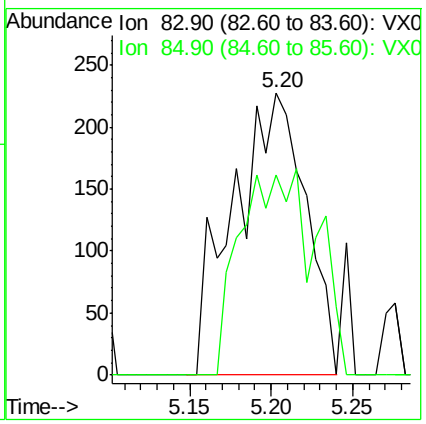


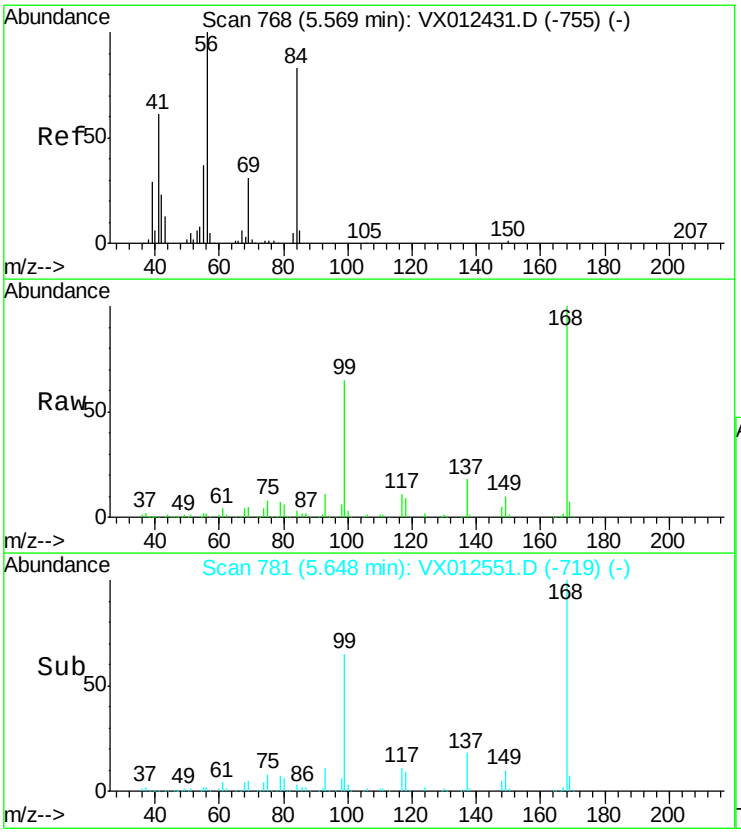
#30
Chloroform
Concen: 0.200 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 83 Resp: 700

Ion	Ratio	Lower	Upper
83	100		
85	70.6	53.0	79.4

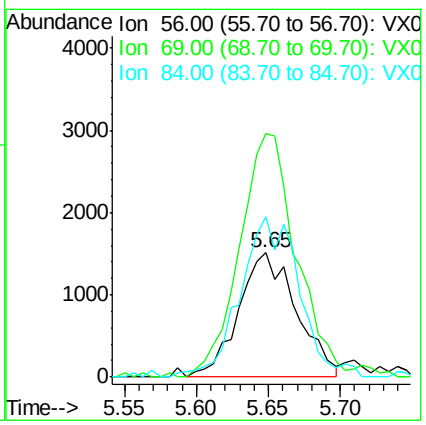


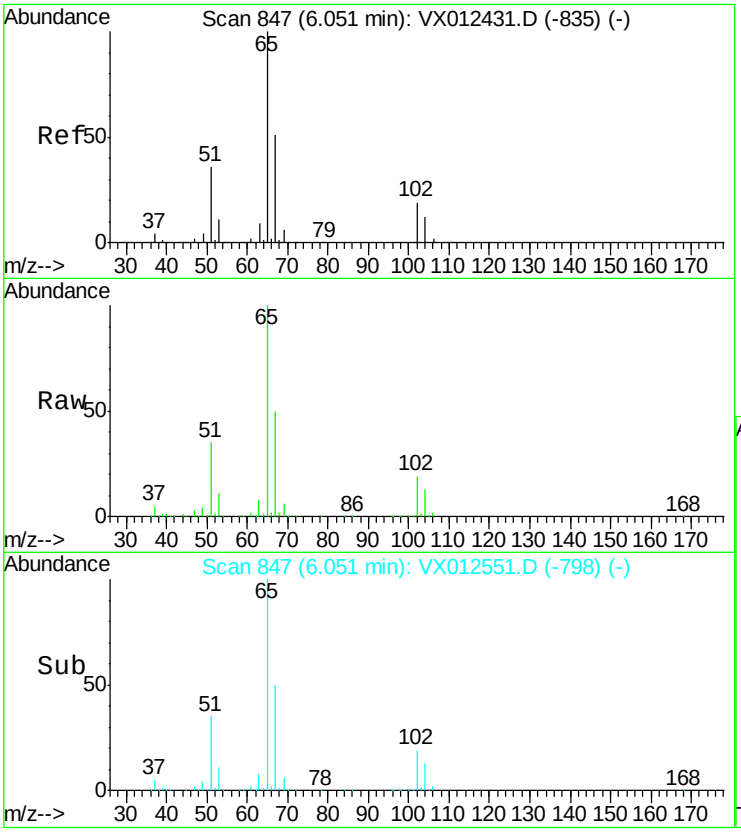


#31
Cyclohexane
Concen: 2.289 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 56 Resp: 4209

Ion	Ratio	Lower	Upper
56	100		
69	196.1	25.0	37.6#
84	124.3	66.4	99.6#



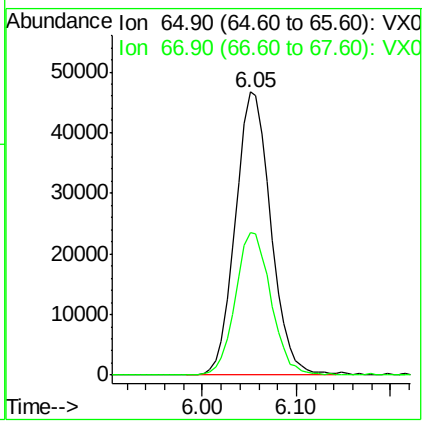


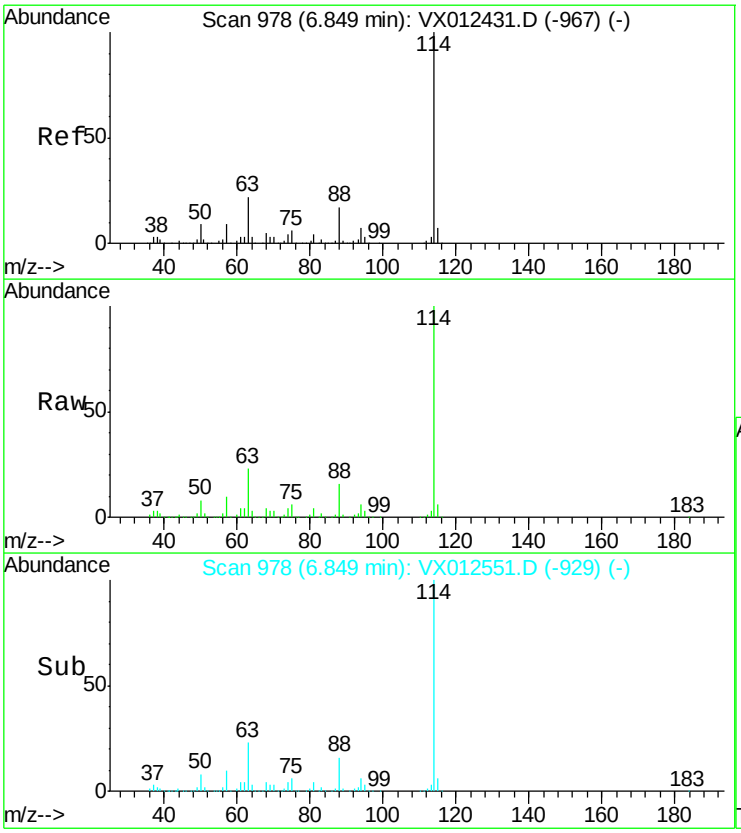
#33
1,2-Dichloroethane-d4
Concen: 46.271 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 65 Resp: 123172

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.2

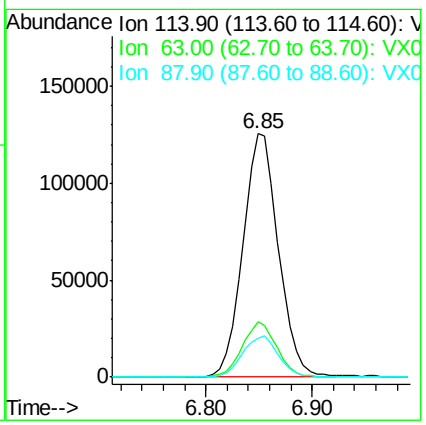


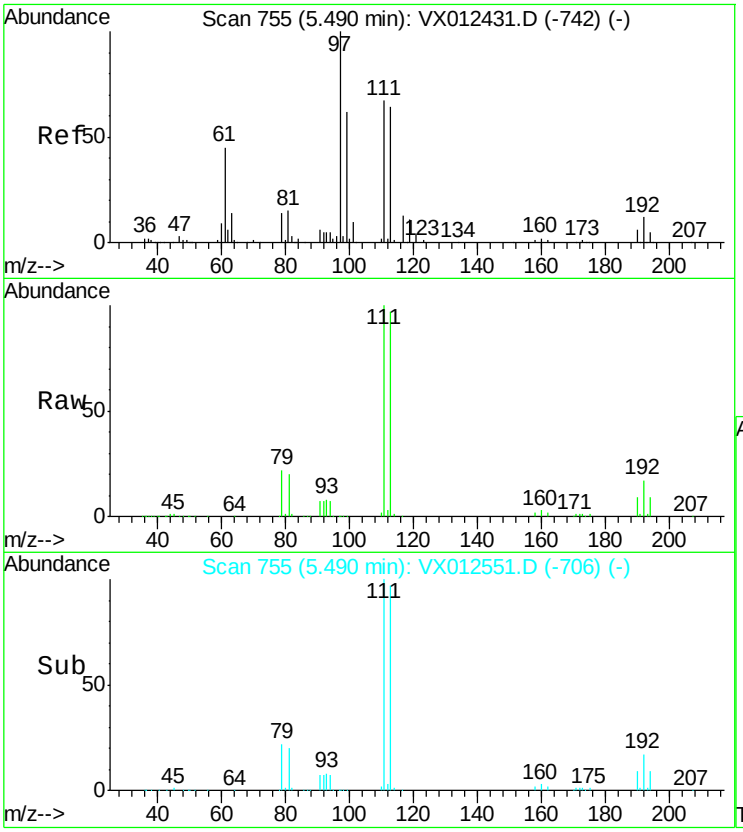


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion:114 Resp: 293131

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	16.2	0.0	33.2



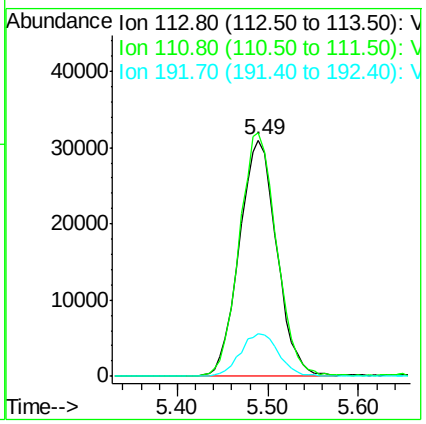


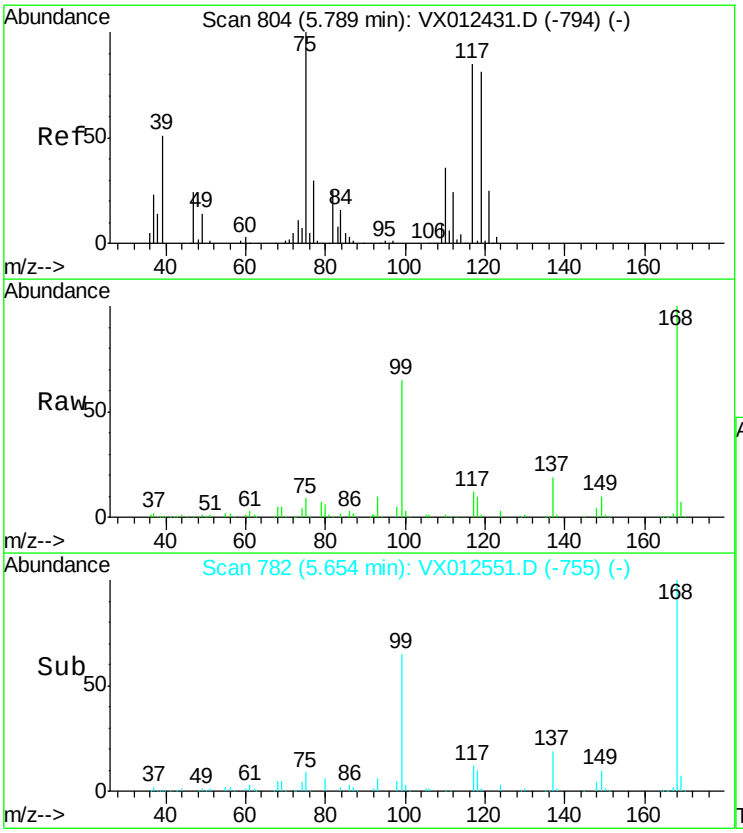
#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion:113 Resp: 88337

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.2
192	18.7	14.4	21.6

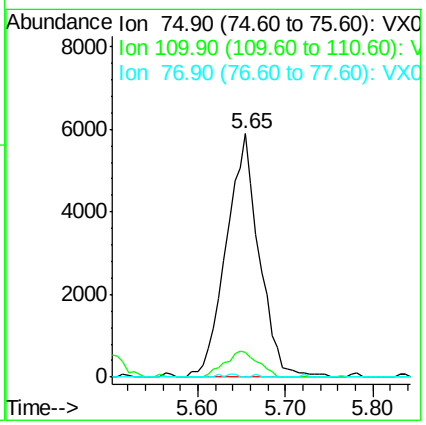


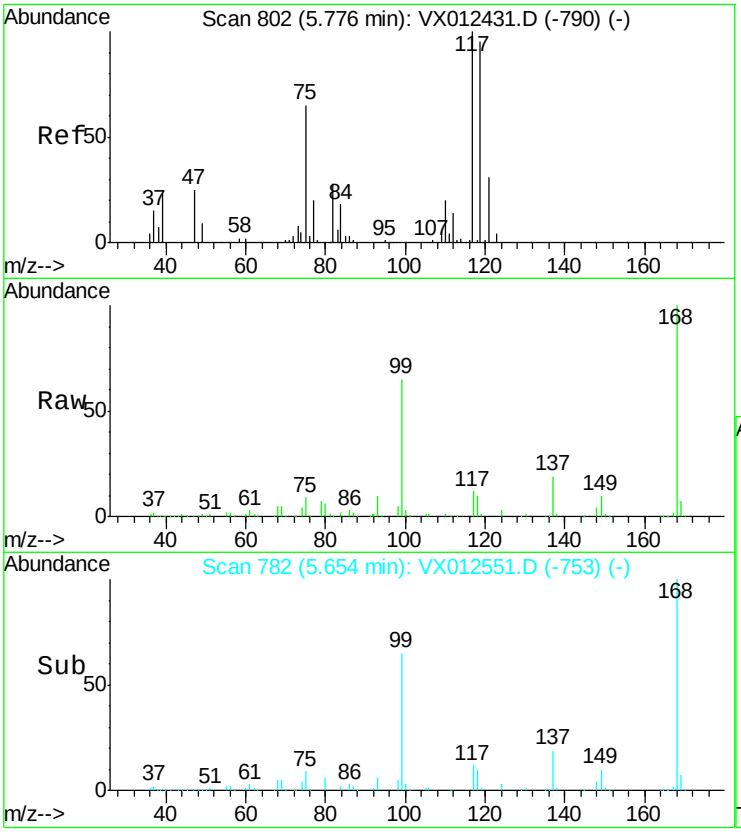


#36
1,1-Dichloropropene
Concen: 8.662 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 75 Resp: 15432

Ion	Ratio	Lower	Upper
75	100		
110	10.6	16.7	50.0#
77	0.3	24.2	36.2#



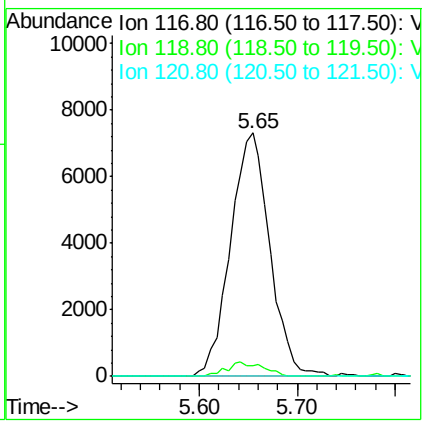


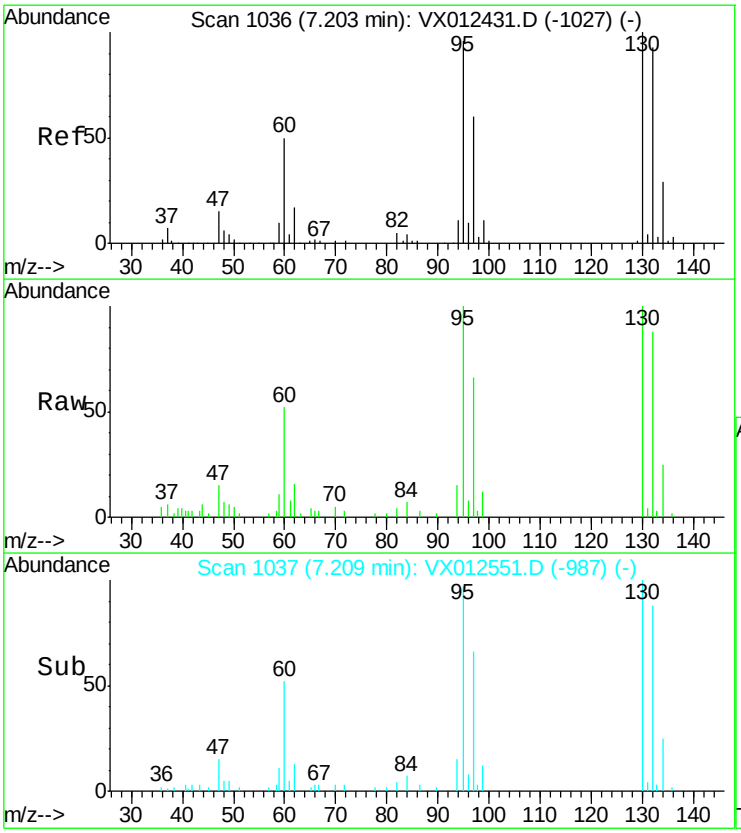
#38
Carbon Tetrachloride
Concen: 9.184 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion:117 Resp: 20349

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.7	113.5#
121	0.0	24.2	36.4#

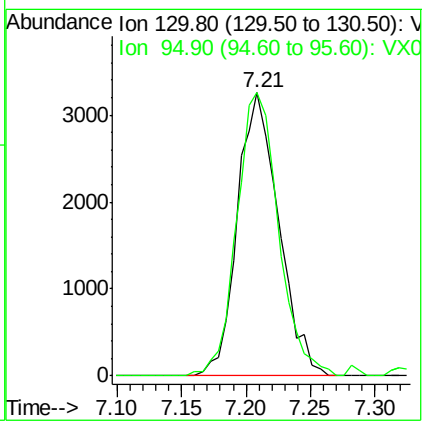


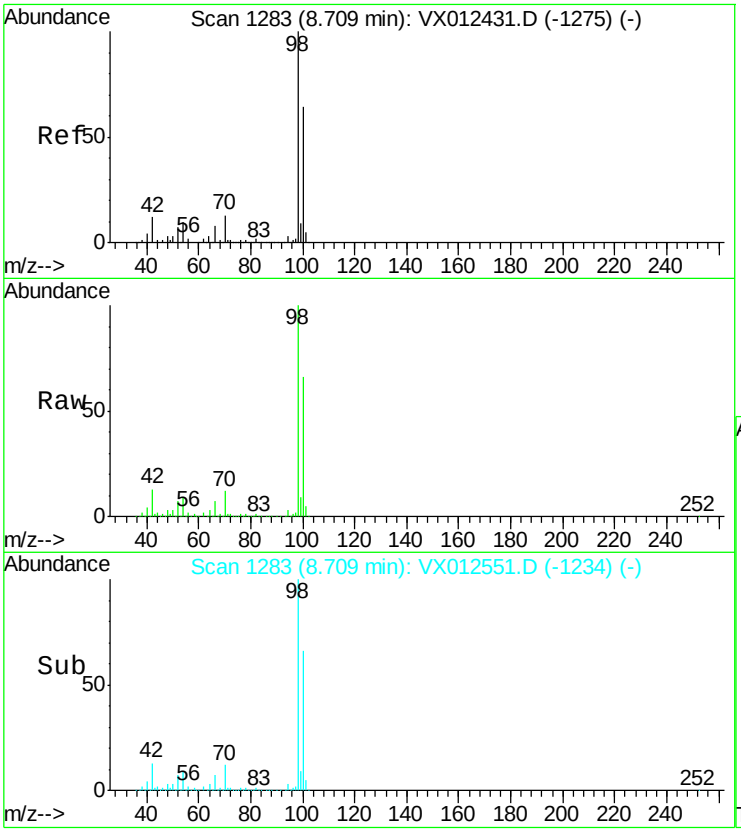


#44
Trichloroethene
Concen: 4.844 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion:130 Resp: 7218

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	193.0



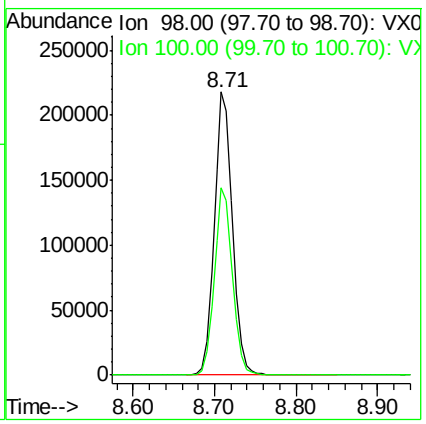


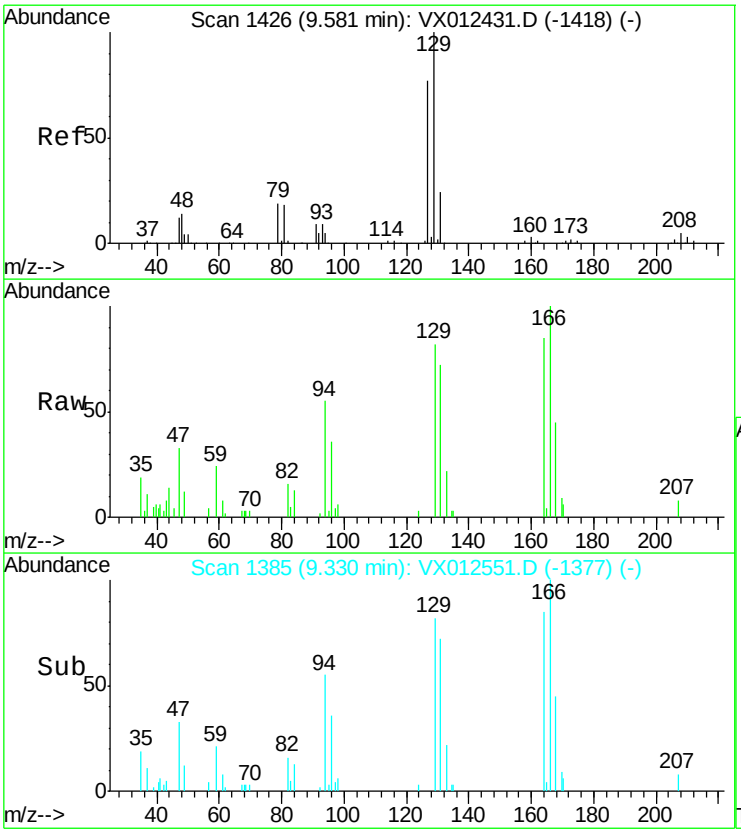
#50
Toluene-d8
Concen: 51.808 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 98 Resp: 340231

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.4	80.2

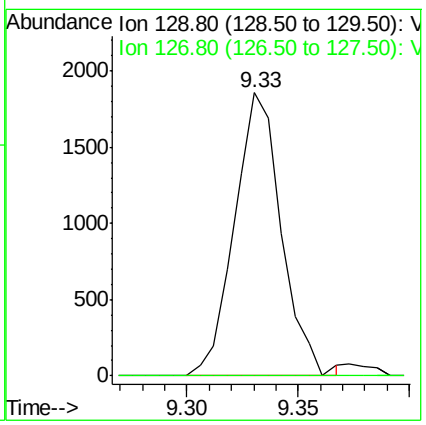


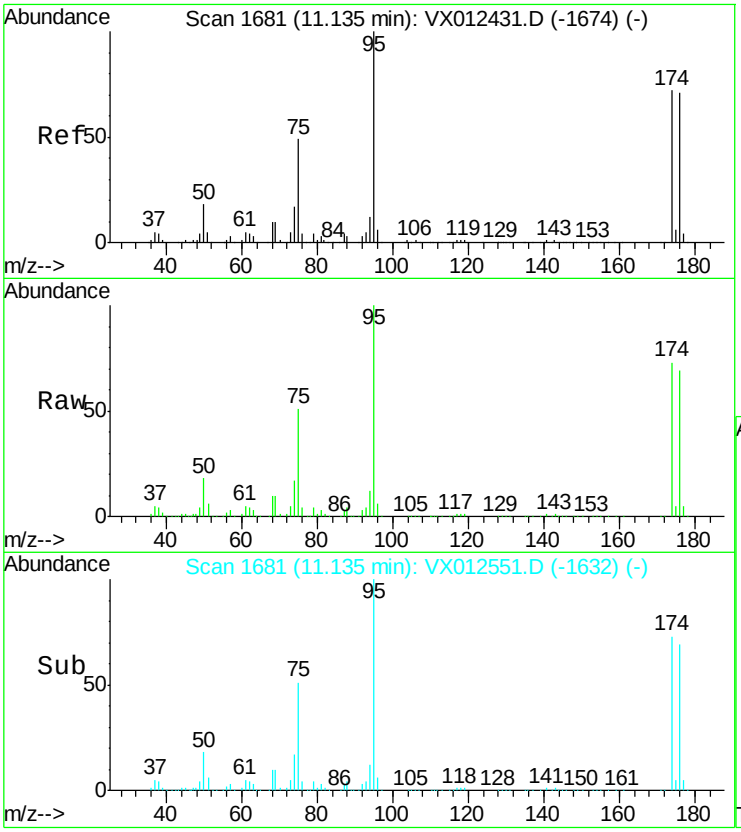


#60
Dibromochloromethane
Concen: 1.423 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion:129 Resp: 2726

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#



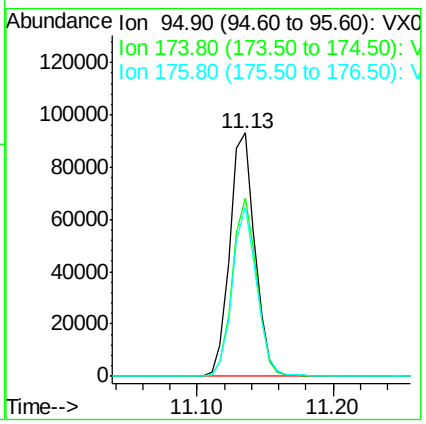


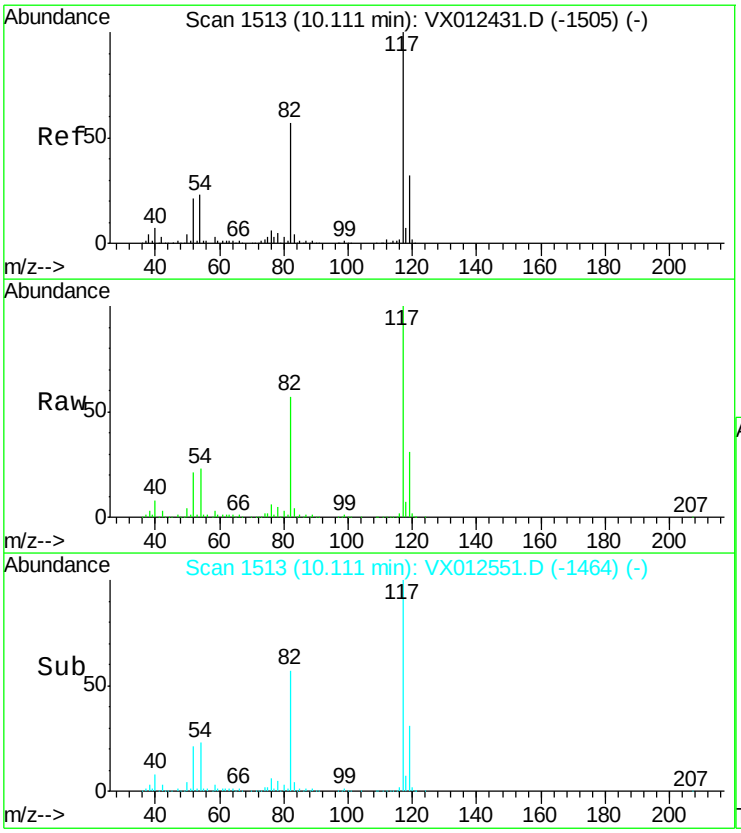
#62
4-Bromofluorobenzene
Concen: 43.898 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 95 Resp: 119696

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	140.0
176	67.8	0.0	135.4

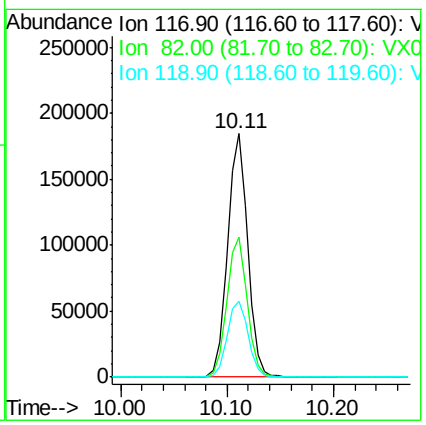


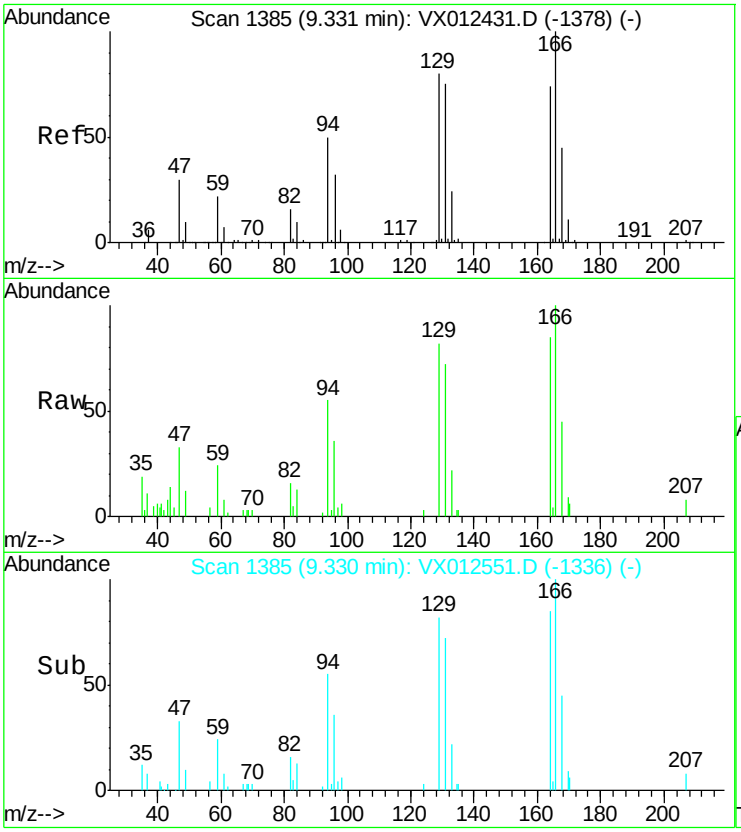


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion:117 Resp: 244601

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.9	68.9
119	31.4	25.3	37.9



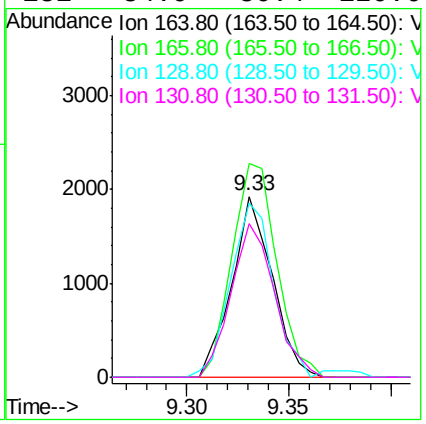


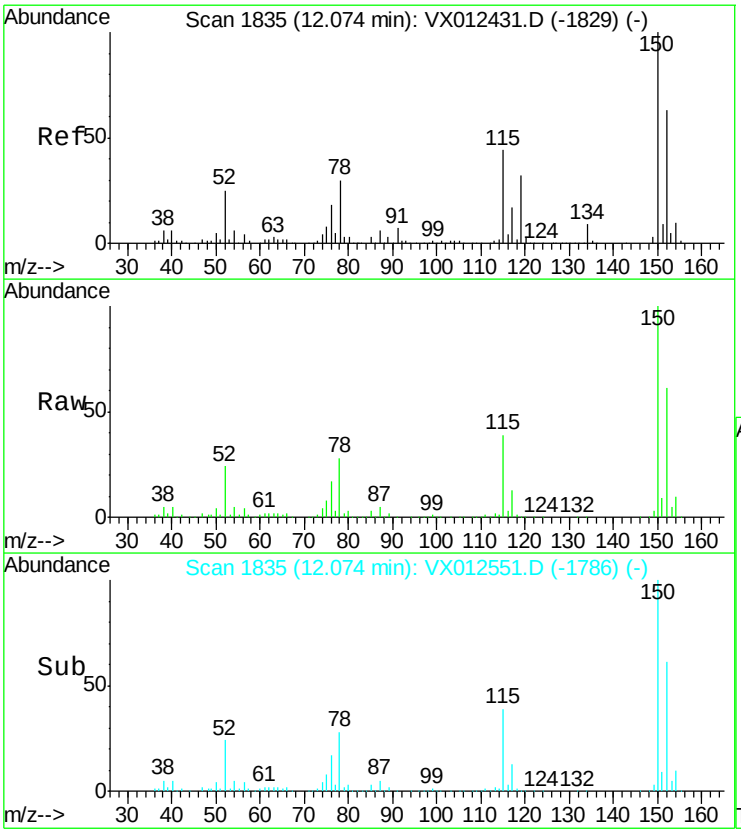
#64
Tetrachloroethene
Concen: 2.366 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion:164 Resp: 2652

Ion	Ratio	Lower	Upper
164	100		
166	117.9	107.8	161.6
129	96.3	86.2	129.2
131	84.9	80.4	120.6

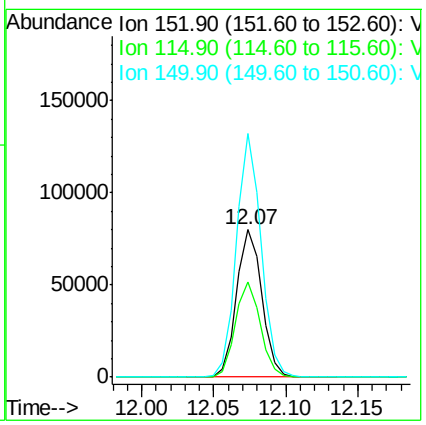


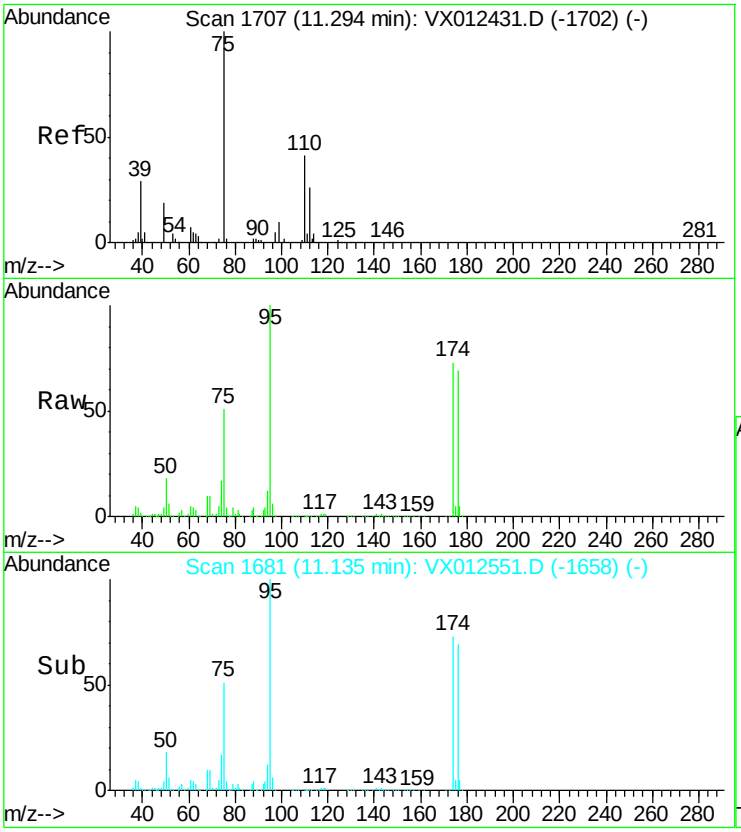


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion:152 Resp: 98320

Ion	Ratio	Lower	Upper
152	100		
115	63.9	44.1	132.3
150	159.5	0.0	343.8



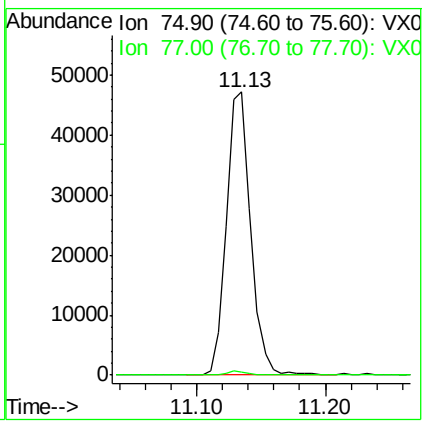


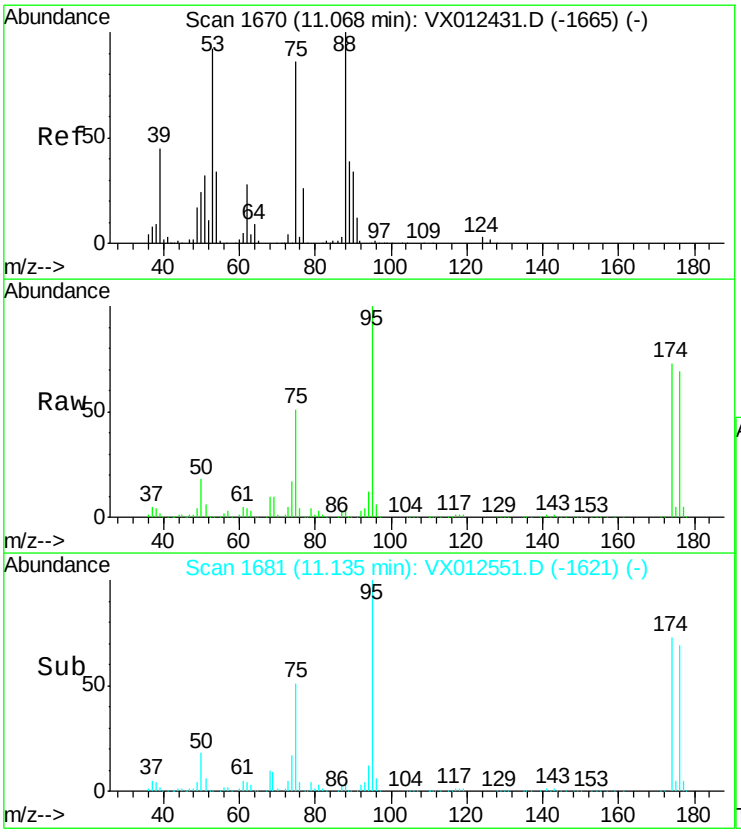
#76
1,2,3-Trichloropropane
Concen: 27.670 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190910DL

Tgt Ion: 75 Resp: 62493

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.357 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012551.D
Acq: 20 Sep 2019 12:52

Tgt Ion: 75 Resp: 62493

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.1	36.3	54.5#