Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
Data File : VX013563.D
Acq On : 23 Nov 2019 03:36
Operator : JC/SP
Sample : K5962-15 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-01-20191120

Quant Time: Nov 23 04:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	638284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1034495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	931541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	380139	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
35) Dibromofluoromethane	5.49	113	315381	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.22%			
50) Toluene-d8	8.71	98	1244302	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.74%			
62) 4-Bromofluorobenzene	11.14	95	411462	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	2342	0.318	ug/l	86
4) Vinyl Chloride	1.40	62	7819	0.861	ug/l	93
6) Chloroethane	1.67	64	570	Below Cal	#	55
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3956	0.662	ug/l	93
11) Tert butyl alcohol	3.01	59	10193	5.114	ug/l #	80
12) 1,1-Dichloroethene	2.36	96	1653	0.282	ug/l #	58
13) Acrolein	2.30	56	839	0.777	ug/l #	72
16) Acetone	2.43	43	1644	0.436	ug/l #	43
20) Methylene Chloride	2.86	84	2102	0.302	ug/l #	69
21) trans-1,2-Dichloroethene	3.16	96	1582	0.248	ug/l #	64
27) cis-1,2-Dichloroethene	4.59	96	194955	27.300	ug/l	87
30) Chloroform	5.20	83	4078	0.359	ug/l #	80
36) 1,1-Dichloropropene	5.65	75	43294	4.878	ug/l #	50
38) Carbon Tetrachloride	5.64	117	55506	6.396	ug/l #	16
39) Methylcyclohexane	7.21	83	15660	1.416	ug/l #	1
41) Methacrylonitrile	5.03	41	1256	0.204	ug/l #	49
44) Trichloroethene	7.21	130	1360618	178.804	ug/l	99
49) 1,4-Dioxane	7.71	88	172	0.881	ug/l #	24
56) Ethyl methacrylate	9.17	69	269	1.585	ug/l #	1
64) Tetrachloroethene	9.33	164	2087	0.313	ug/l #	66
71) Bromoform	10.84	173	152	3.225	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	200219	23.763	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	200219	61.164	ug/l #	10

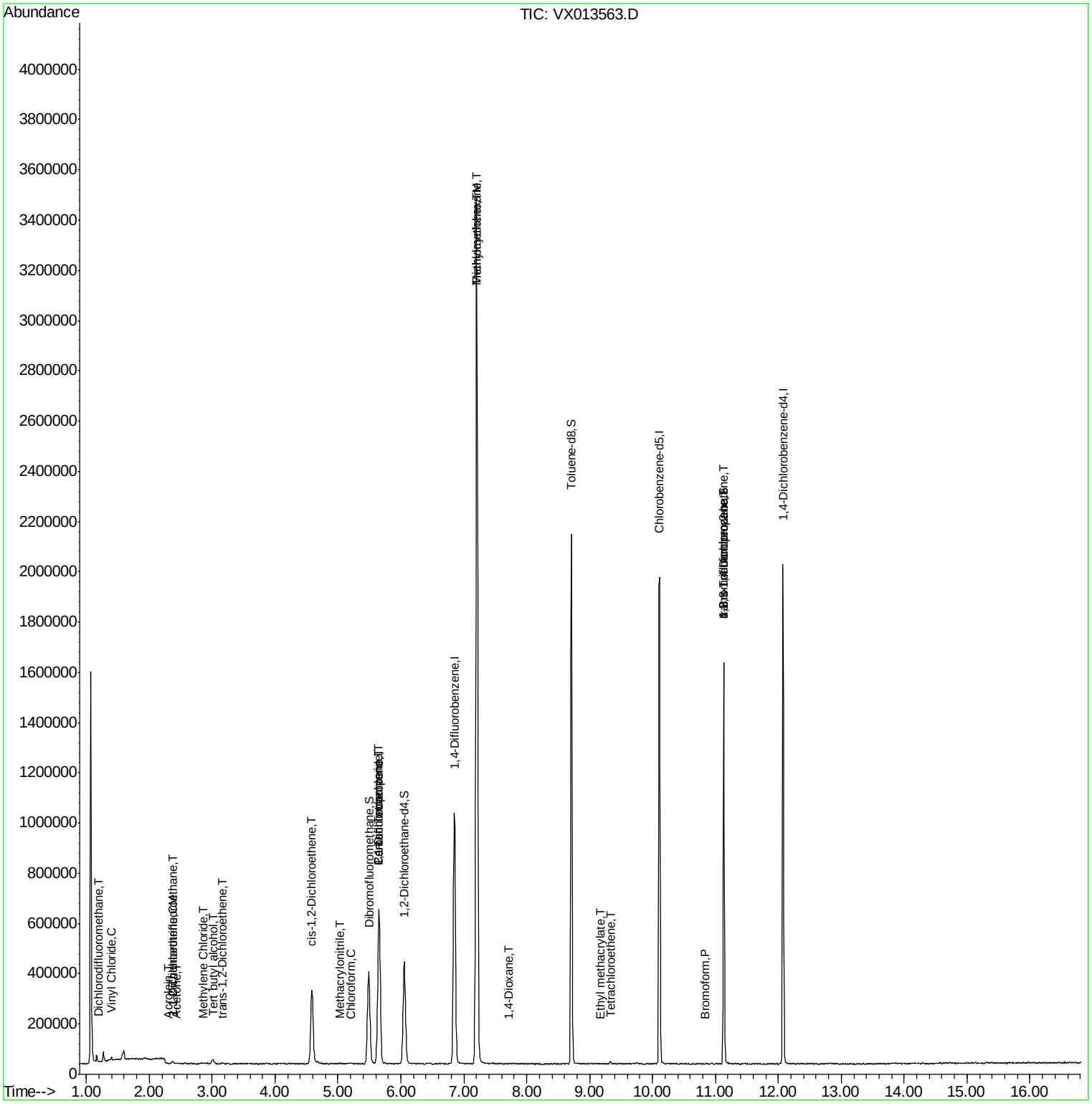
(#) = qualifier out of range (m) = manual integration (+) = signals summed

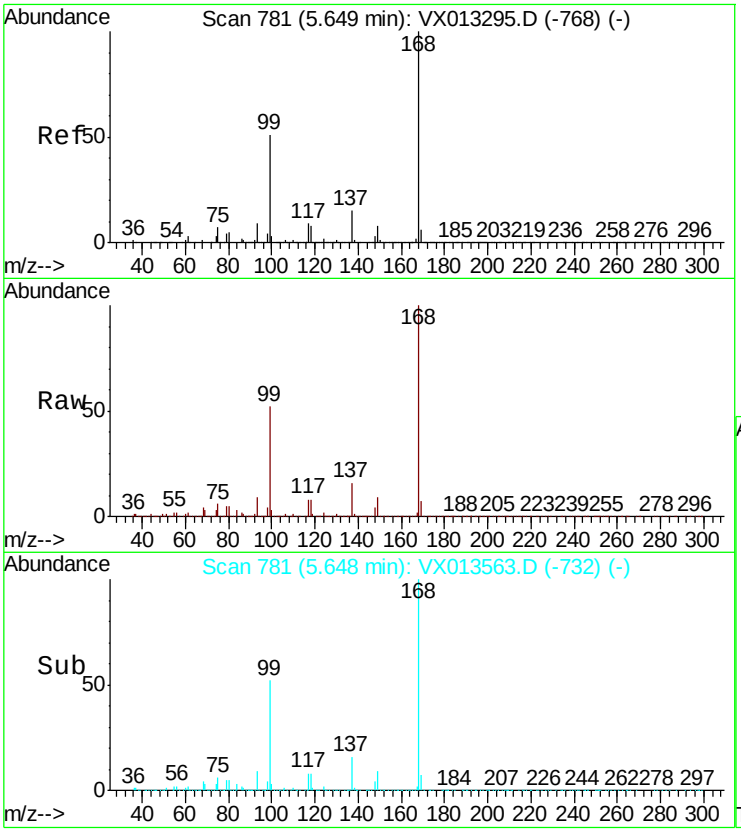
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
Data File : VX013563.D
Acq On : 23 Nov 2019 03:36
Operator : JC/SP
Sample : K5962-15 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Quant Time: Nov 23 04:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration



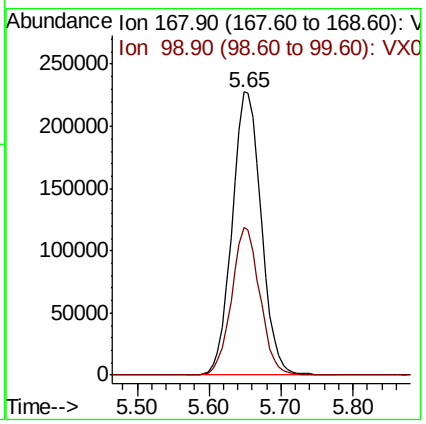


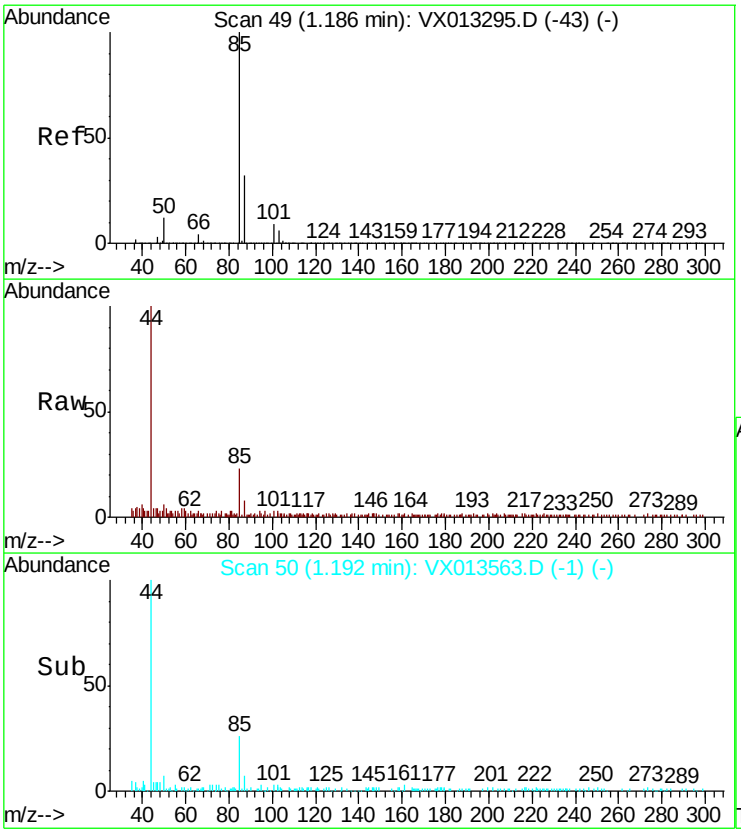
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion:168 Resp: 638284

Ion	Ratio	Lower	Upper
168	100		
99	52.0	40.8	61.2

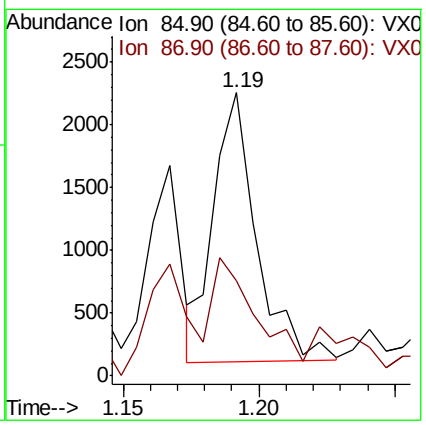


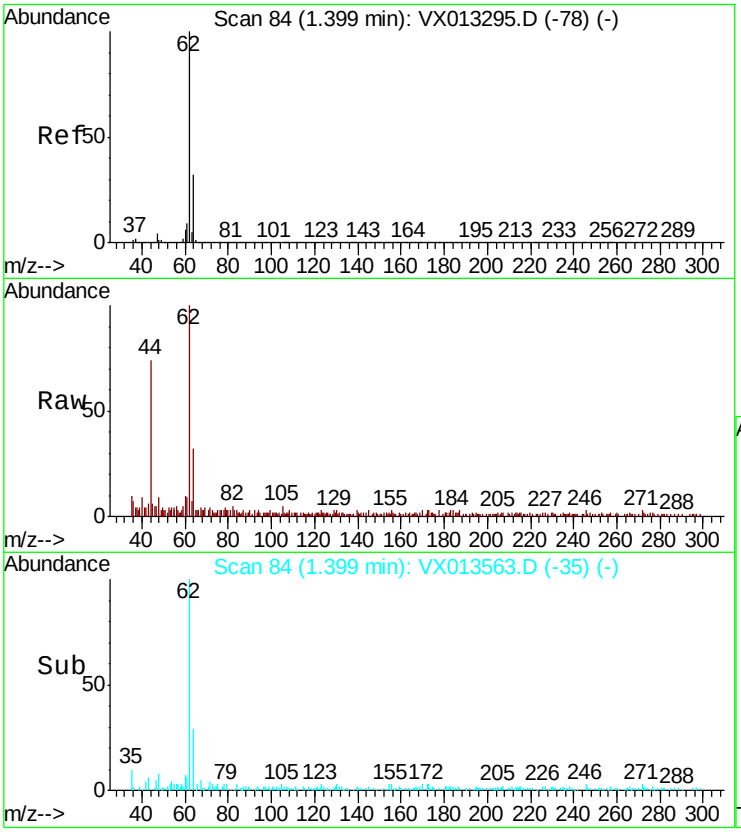


#2
Dichlorodifluoromethane
Concen: 0.318 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 85 Resp: 2342

Ion	Ratio	Lower	Upper
85	100		
87	23.8	15.9	47.6



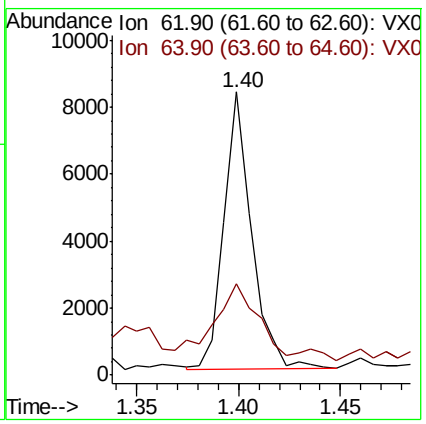


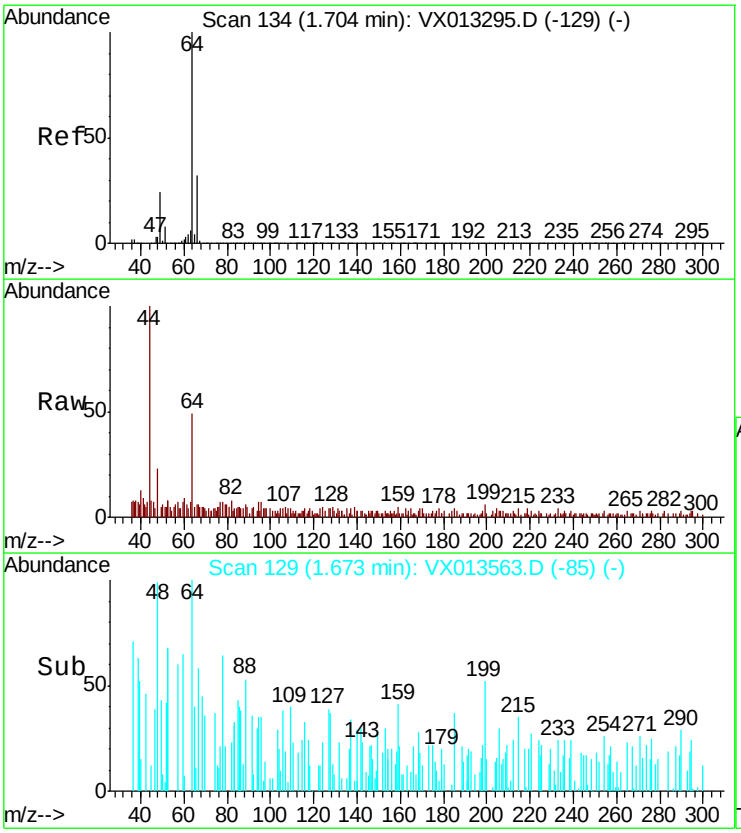
#4
Vinyl Chloride
Concen: 0.861 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 62 Resp: 7819

Ion	Ratio	Lower	Upper
62	100		
64	27.9	25.6	38.4

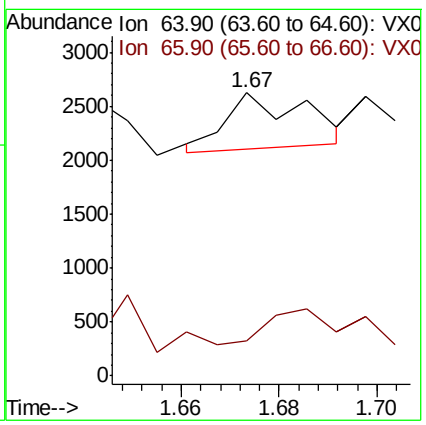


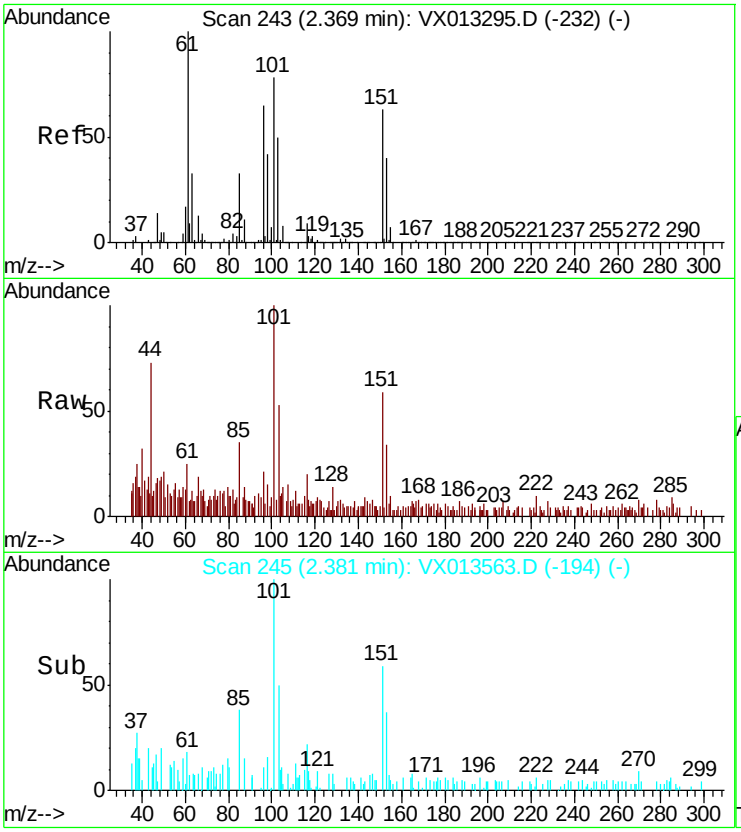


#6
Chloroethane
Concen: Below Cal
RT: 1.67 min Scan# 129
Delta R.T. -0.03 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 64 Resp: 570

Ion	Ratio	Lower	Upper
64	100		
66	57.1	25.6	38.4#



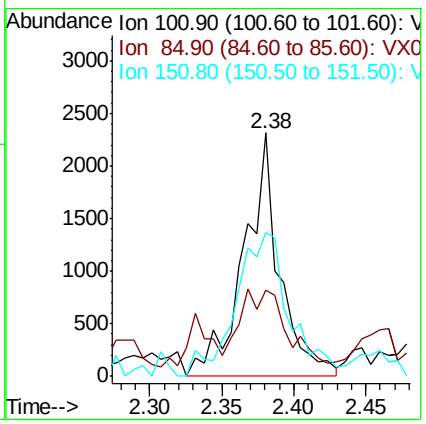


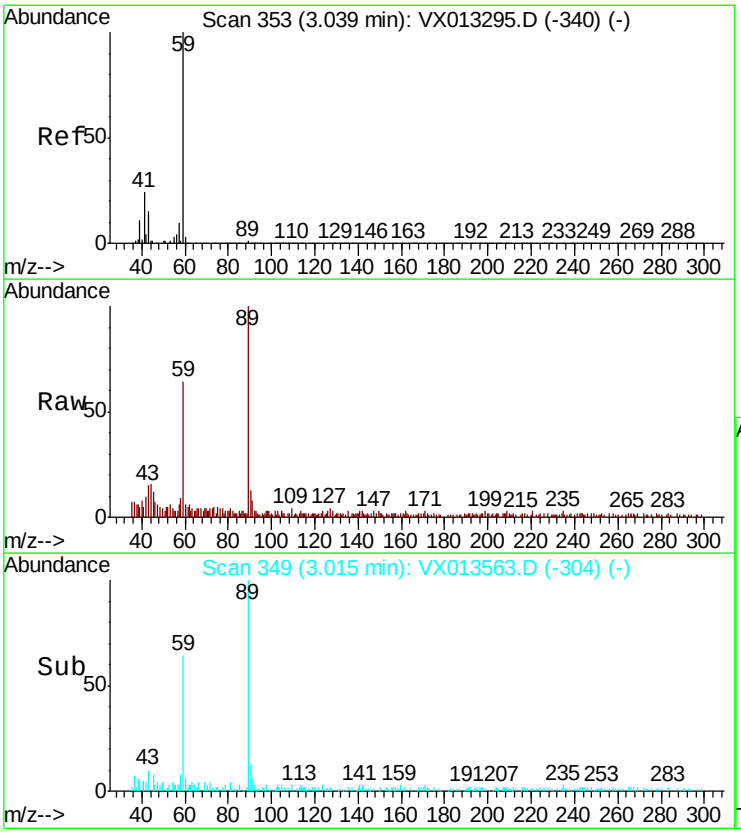
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.662 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument : MSVOA_X
ClientSampleId : DUP-01-20191120

Tgt Ion:101 Resp: 3956

Ion	Ratio	Lower	Upper
101	100		
85	38.7	34.4	51.6
151	88.8	66.4	99.6

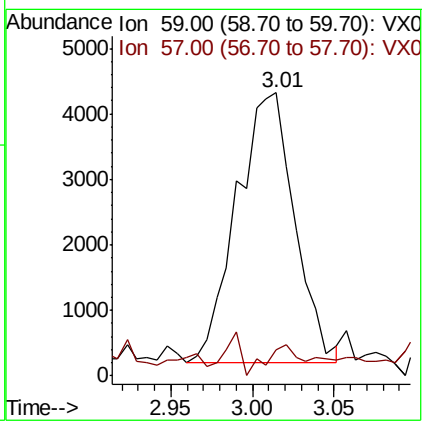


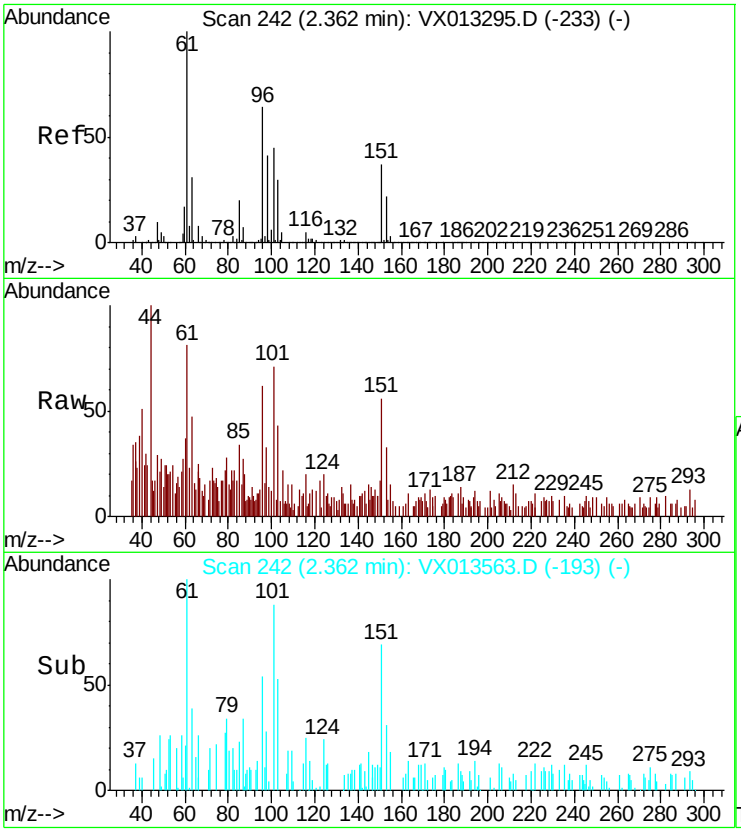


#11
Tert butyl alcohol
Concen: 5.114 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 59 Resp: 10193

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.0	12.0#



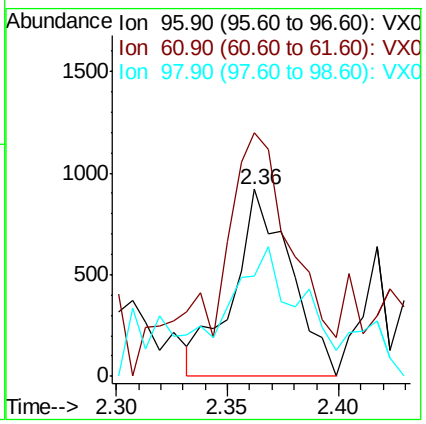


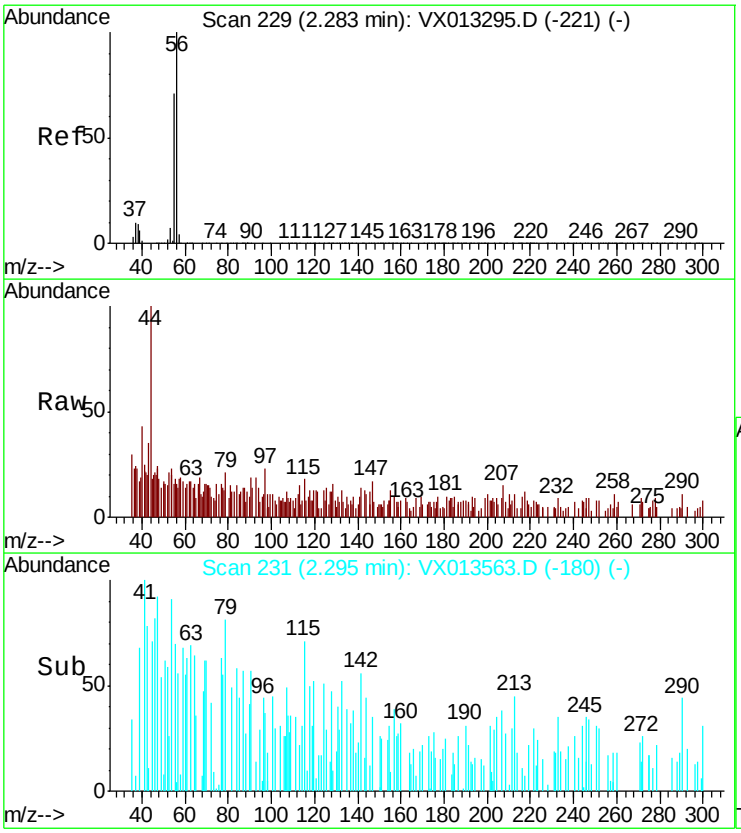
#12
1,1-Dichloroethene
Concen: 0.282 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 96 Resp: 1653

Ion	Ratio	Lower	Upper
96	100		
61	95.6	125.0	187.6#
98	39.9	50.7	76.1#

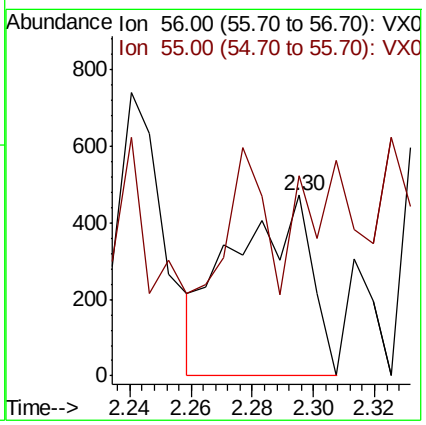


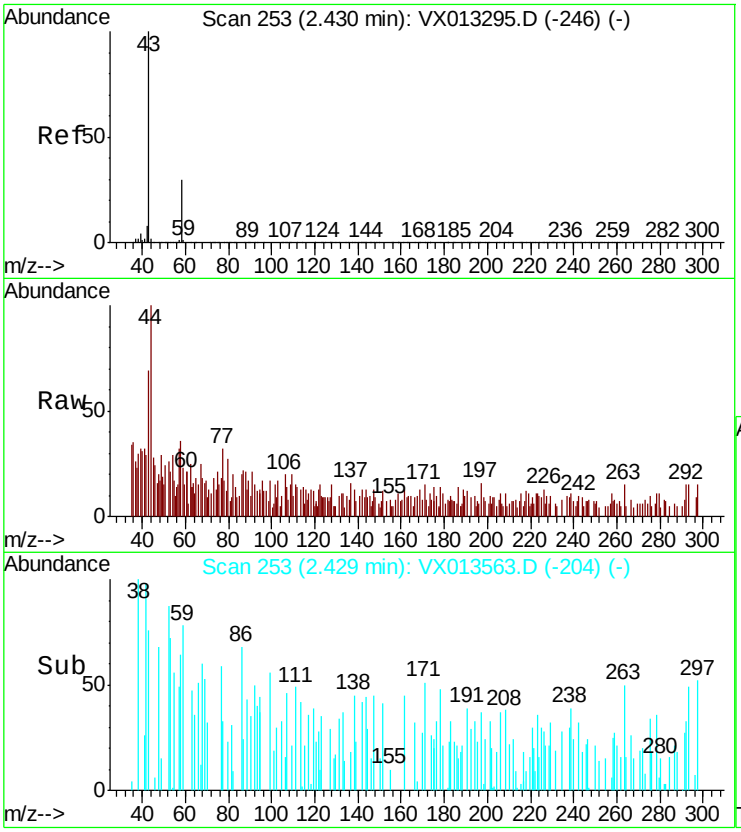


#13
Acrolein
Concen: 0.777 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 56 Resp: 839

Ion	Ratio	Lower	Upper
56	100		
55	48.5	57.4	86.0#



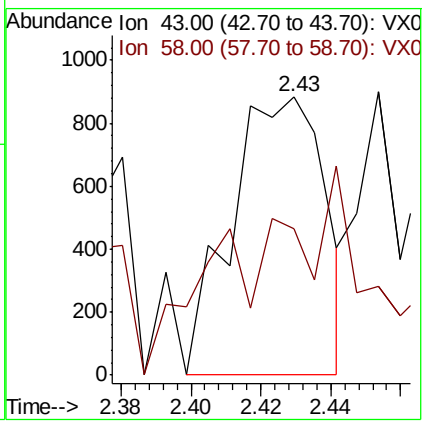


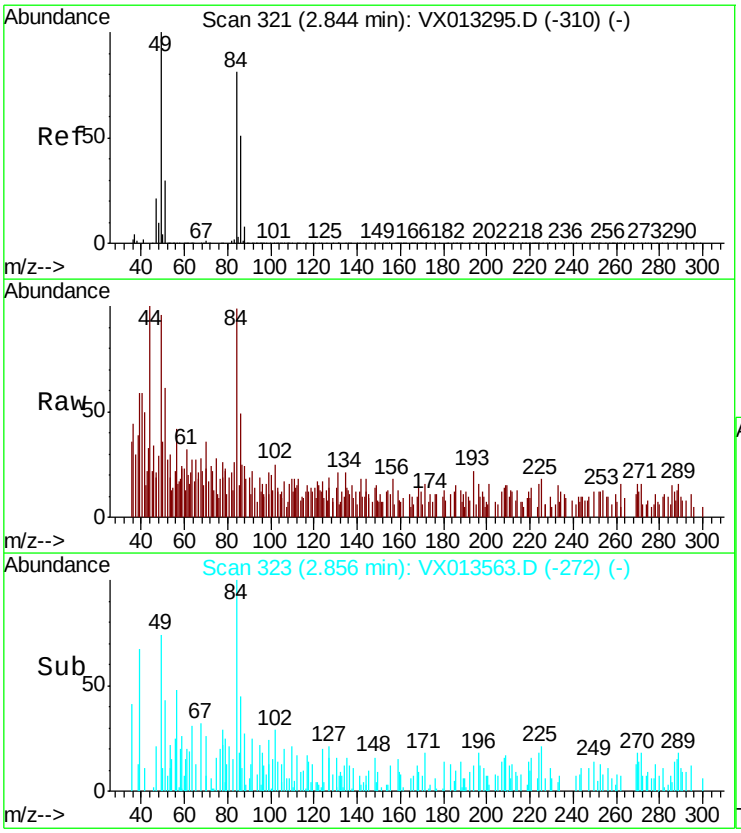
#16
Acetone
Concen: 0.436 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 43 Resp: 1644

Ion	Ratio	Lower	Upper
43	100		
58	61.3	24.3	36.5#

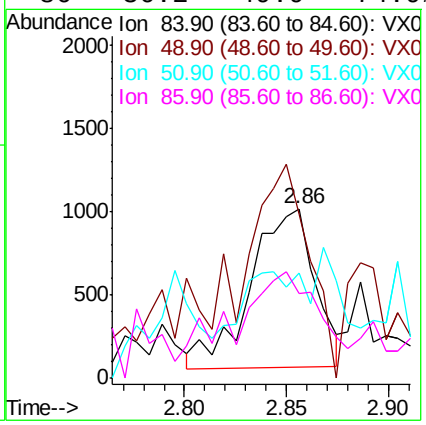


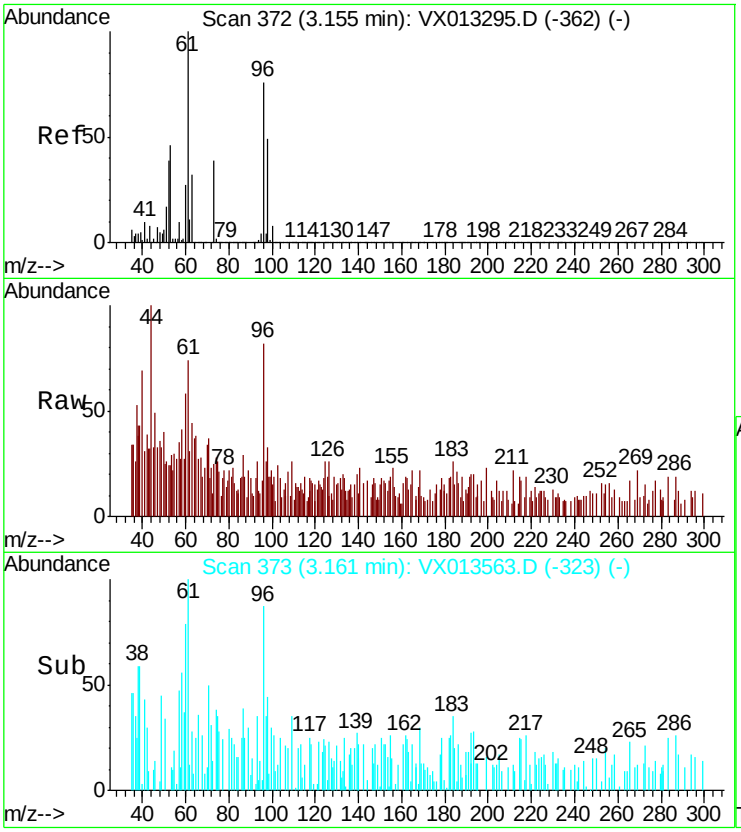


#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 84 Resp: 2102

Ion	Ratio	Lower	Upper
84	100		
49	88.1	98.2	147.4#
51	21.1	29.9	44.9#
86	36.2	49.9	74.9#



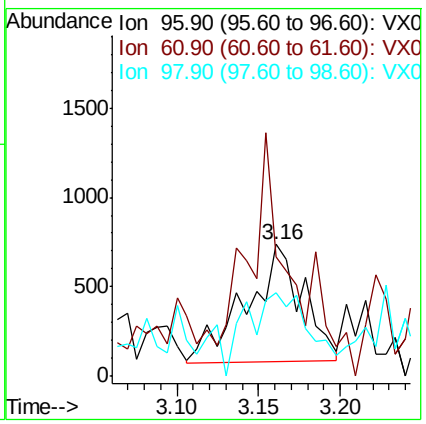


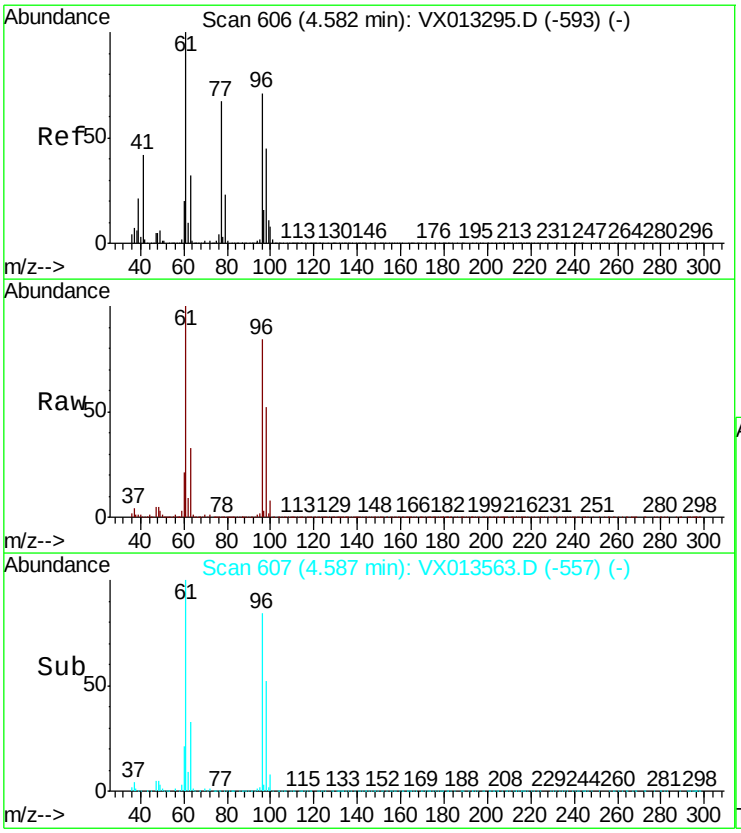
#21
trans-1,2-Dichloroethene
Concen: 0.248 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument : MSVOA_X
ClientSampleId : DUP-01-20191120

Tgt Ion: 96 Resp: 1582

Ion	Ratio	Lower	Upper
96	100		
61	77.0	105.8	158.6#
98	53.9	51.8	77.6

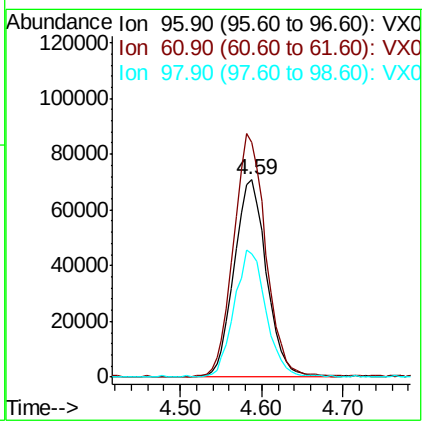


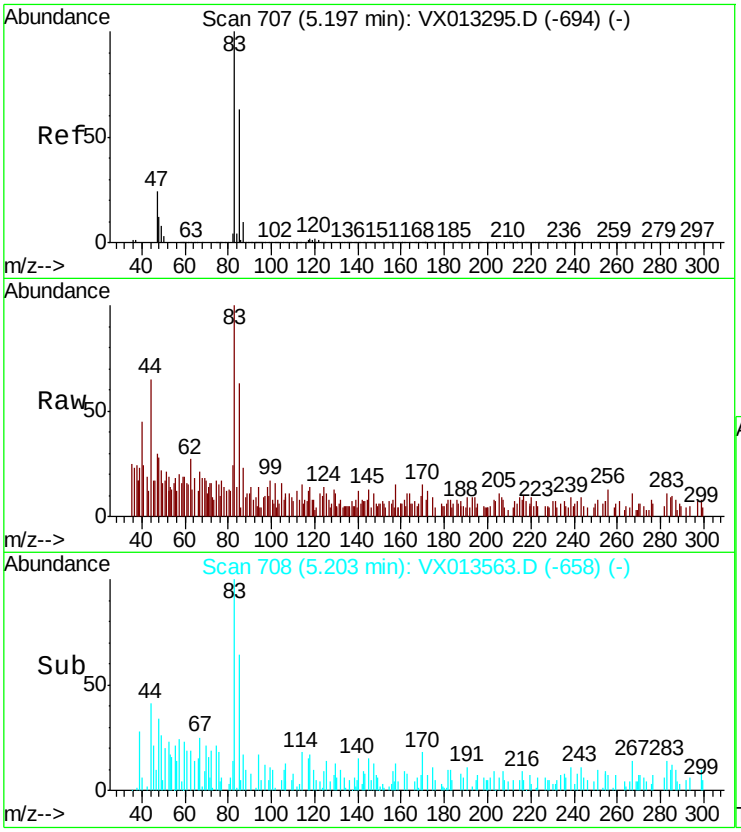


#27
cis-1,2-Dichloroethene
Concen: 27.300 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 96 Resp: 194955

Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	288.0
98	62.1	0.0	129.6



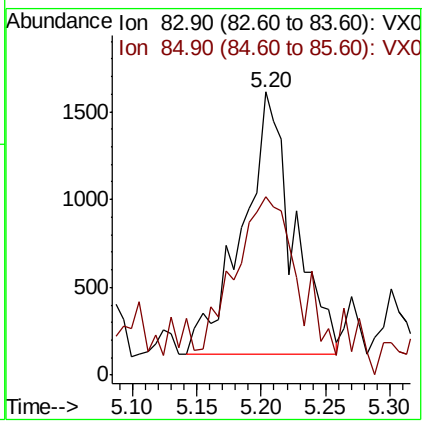


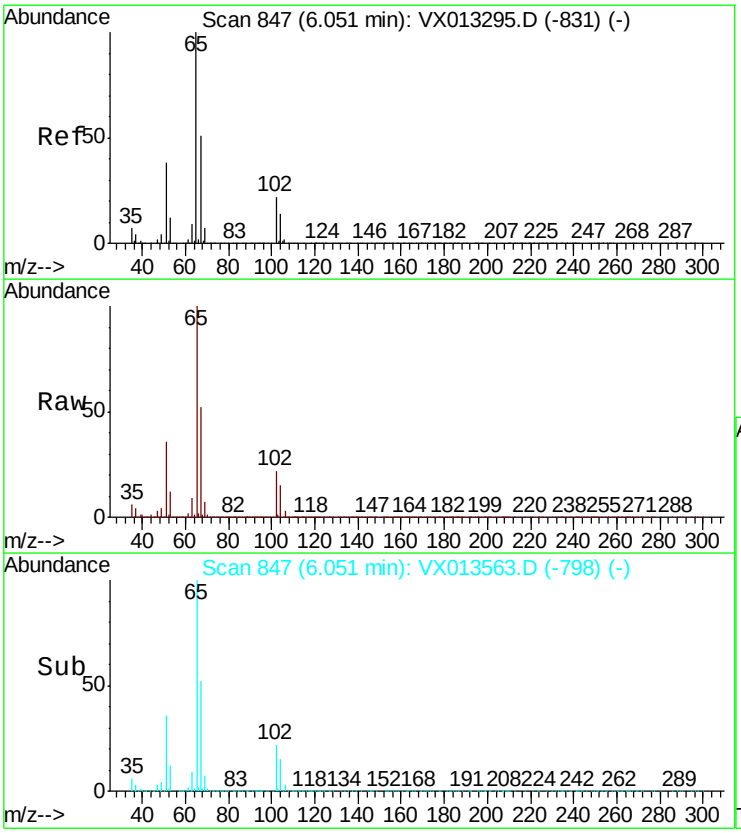
#30
Chloroform
Concen: 0.359 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 83 Resp: 4078

Ion	Ratio	Lower	Upper
83	100		
85	47.7	50.2	75.4#

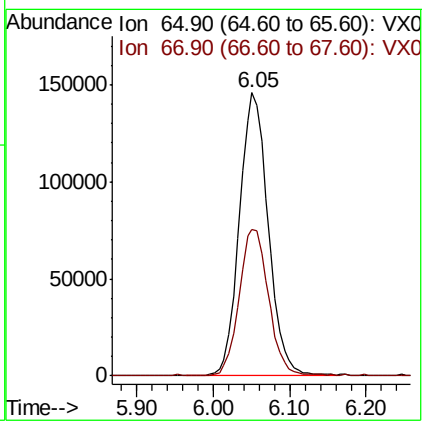


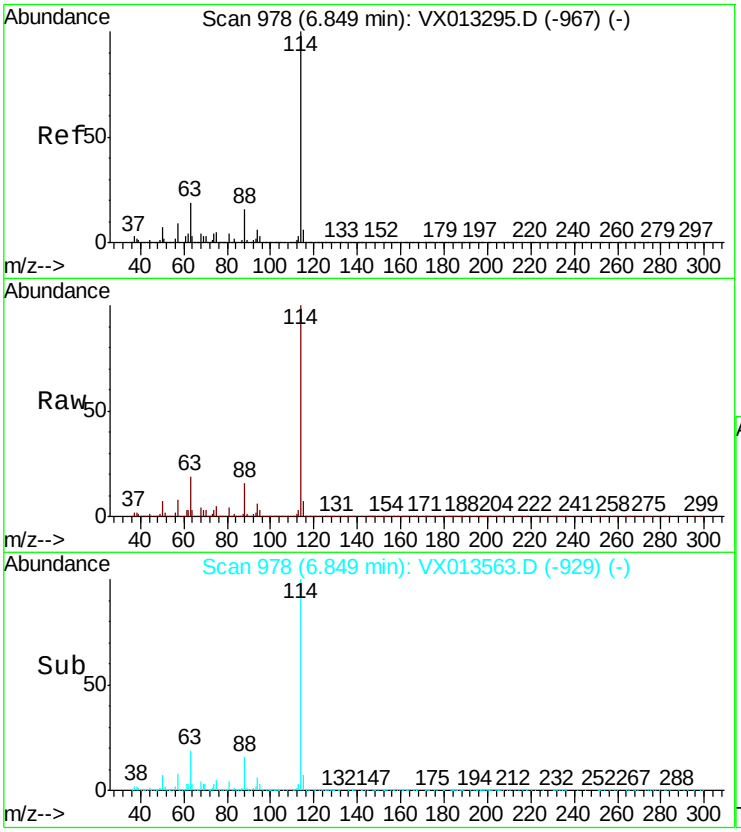


#33
1,2-Dichloroethane-d4
Concen: 50.271 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 65 Resp: 380139

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2



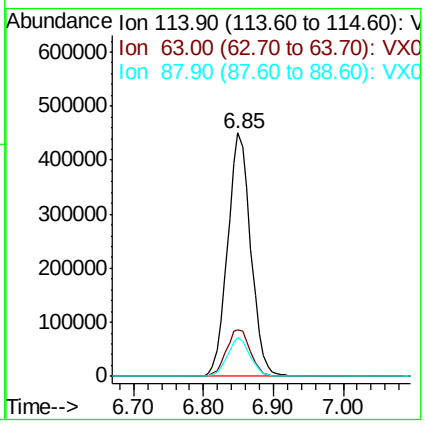


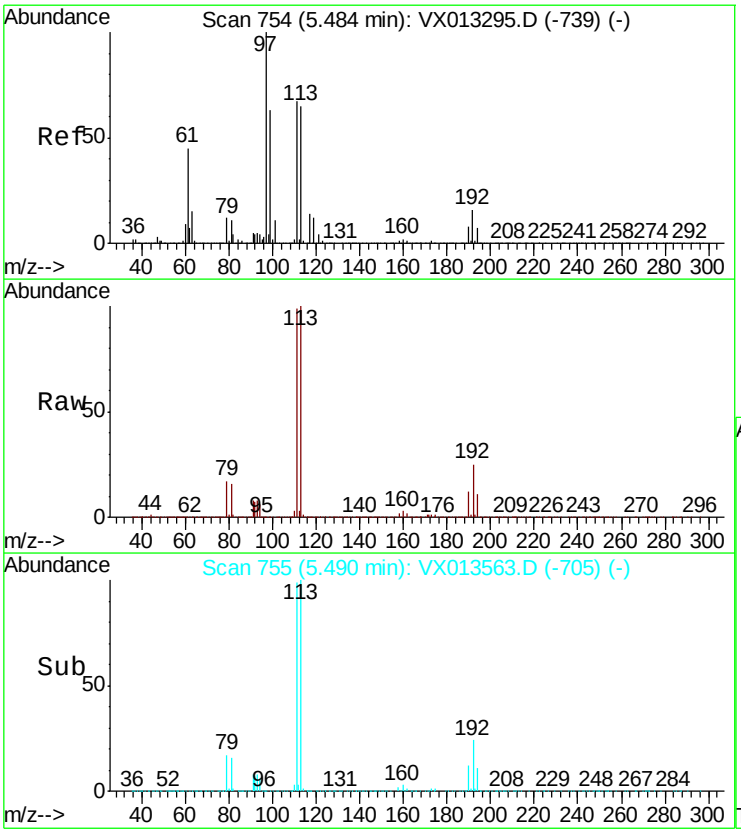
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion:114 Resp: 1034495

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.4
88	16.0	0.0	32.2

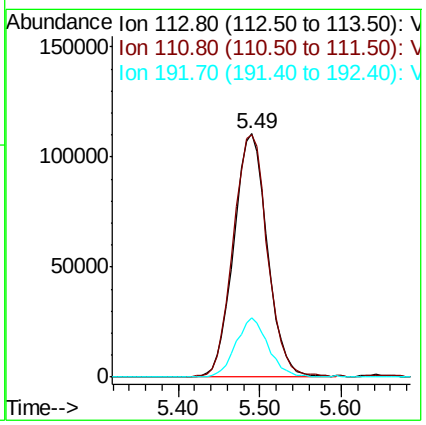


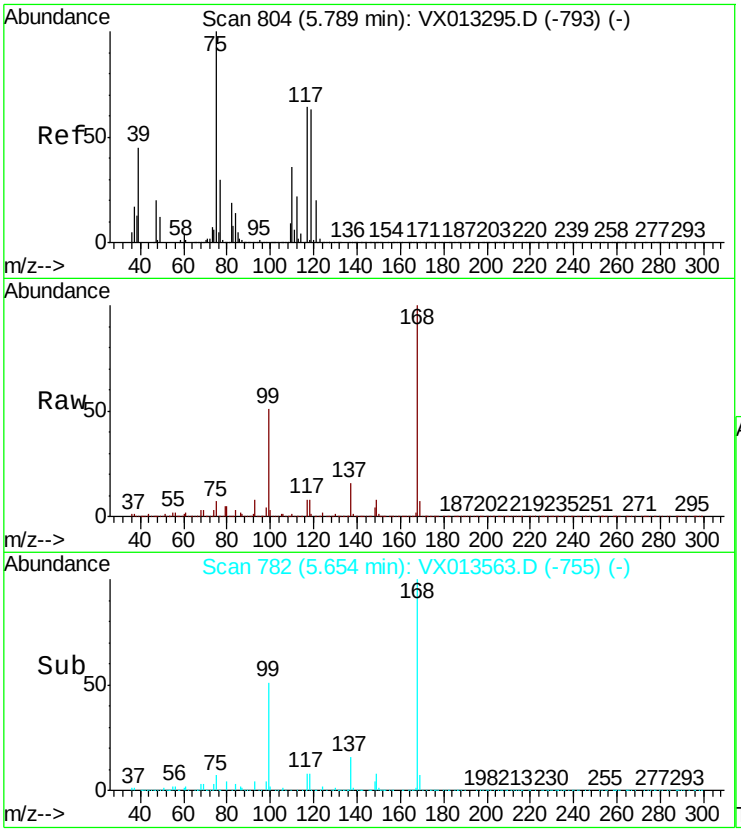


#35
Dibromofluoromethane
Concen: 48.606 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion:113 Resp: 315381

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	23.7	19.1	28.7



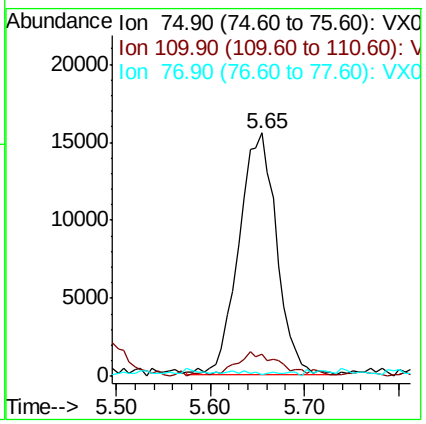


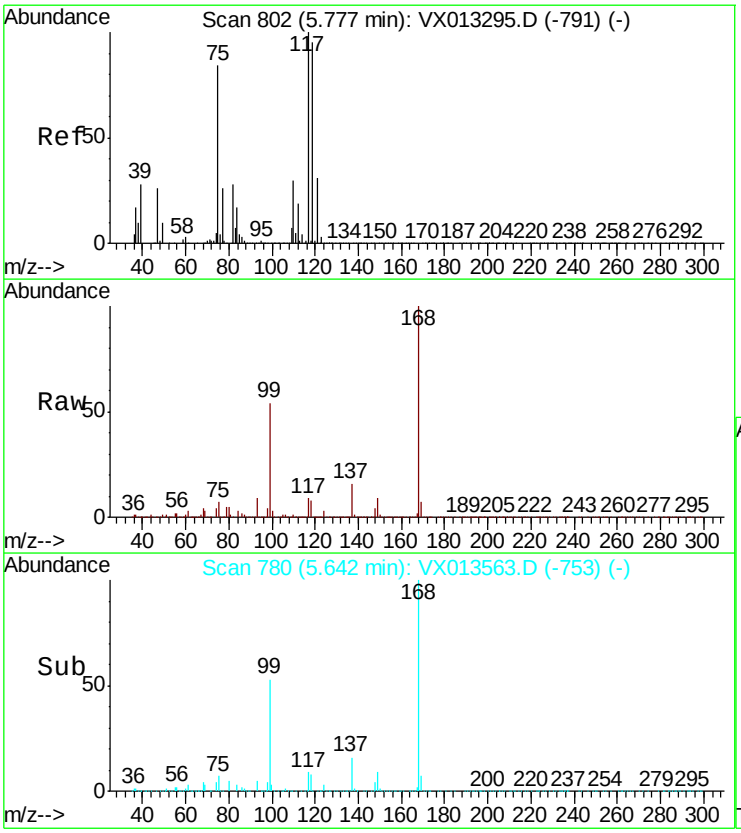
#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 75 Resp: 43294

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.0	25.0	37.4#

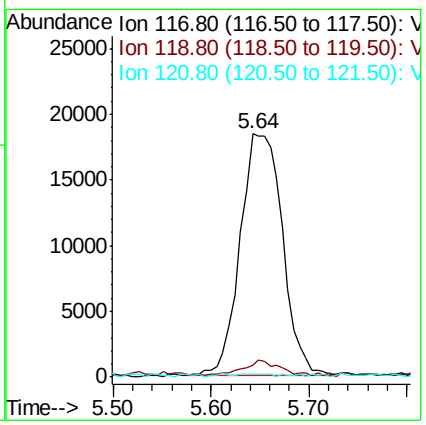


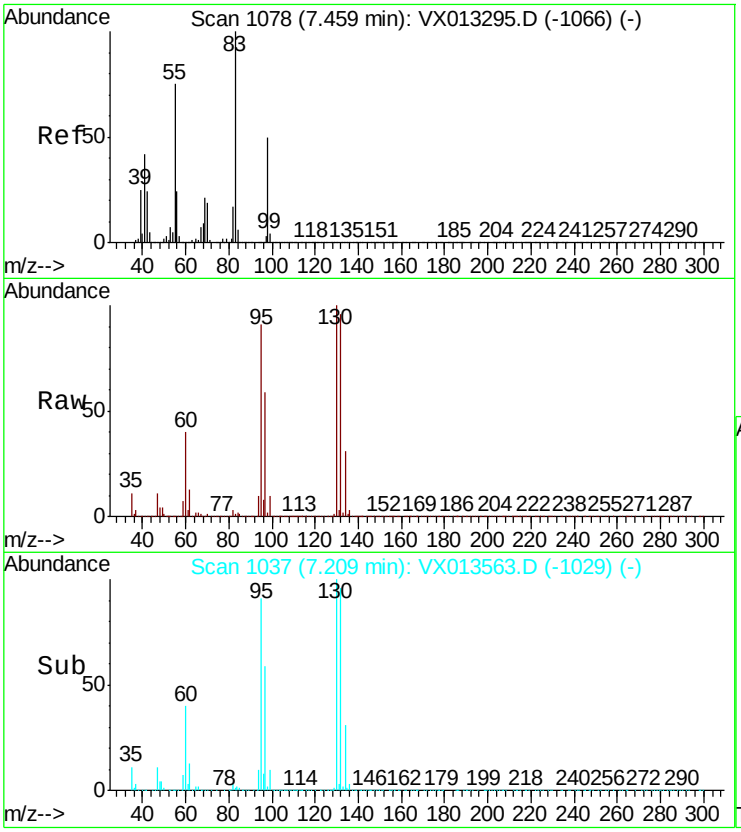


#38
Carbon Tetrachloride
Concen: 6.396 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion:117 Resp: 55506

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.1	114.1#
121	0.0	24.6	37.0#



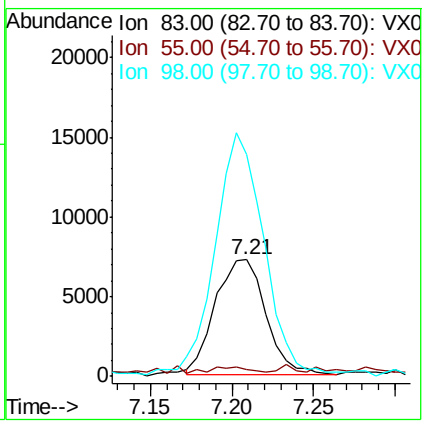


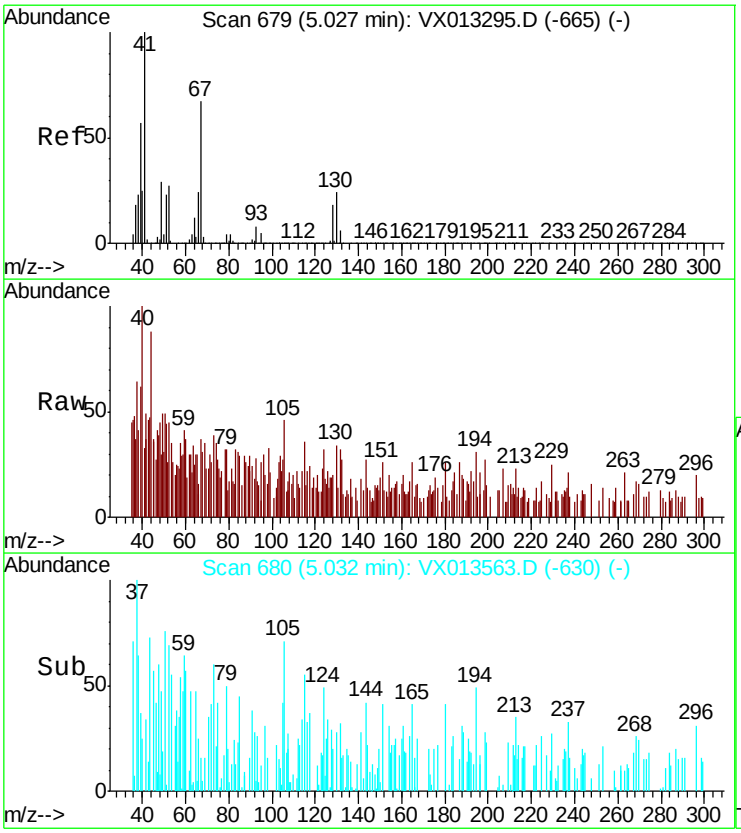
#39
Methylcyclohexane
Concen: 1.416 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 83 Resp: 15660

Ion	Ratio	Lower	Upper
83	100		
55	4.0	60.3	90.5#
98	189.4	40.3	60.5#

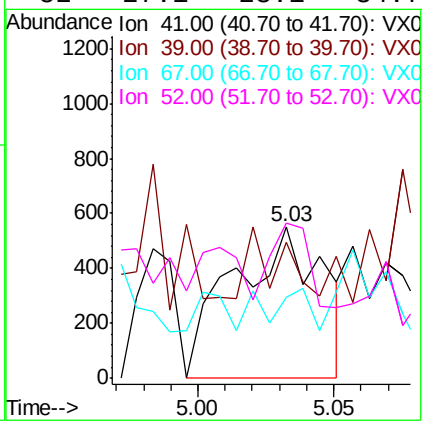


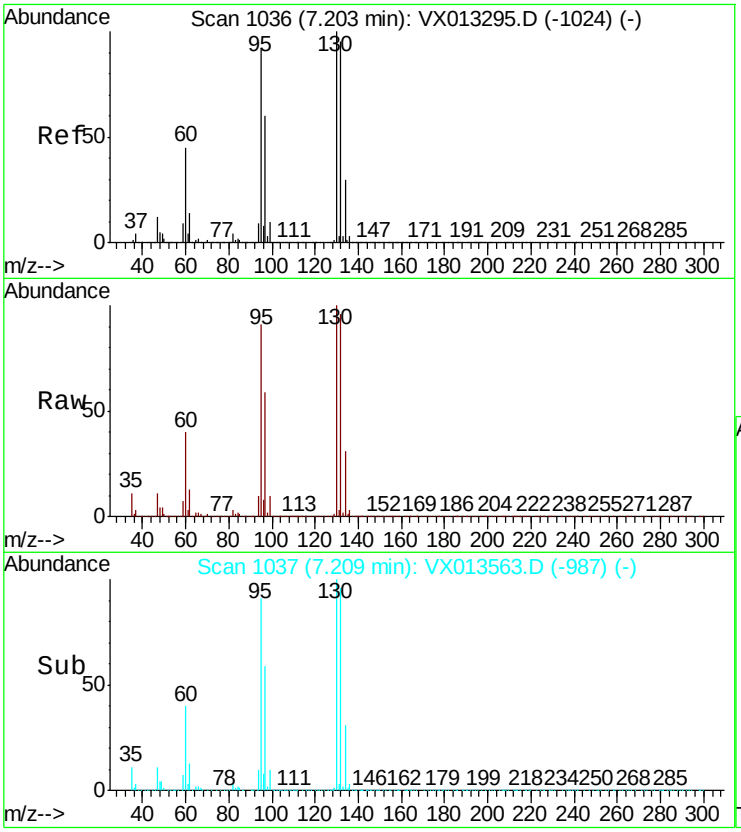


#41
Methacrylonitrile
Concen: 0.204 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 41 Resp: 1256

Ion	Ratio	Lower	Upper
41	100		
39	31.1	45.0	67.6#
67	0.0	55.4	83.2#
52	27.1	23.1	34.7



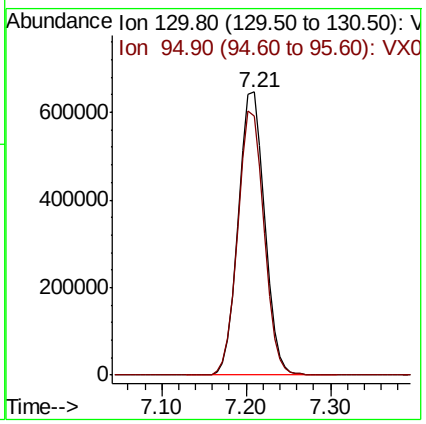


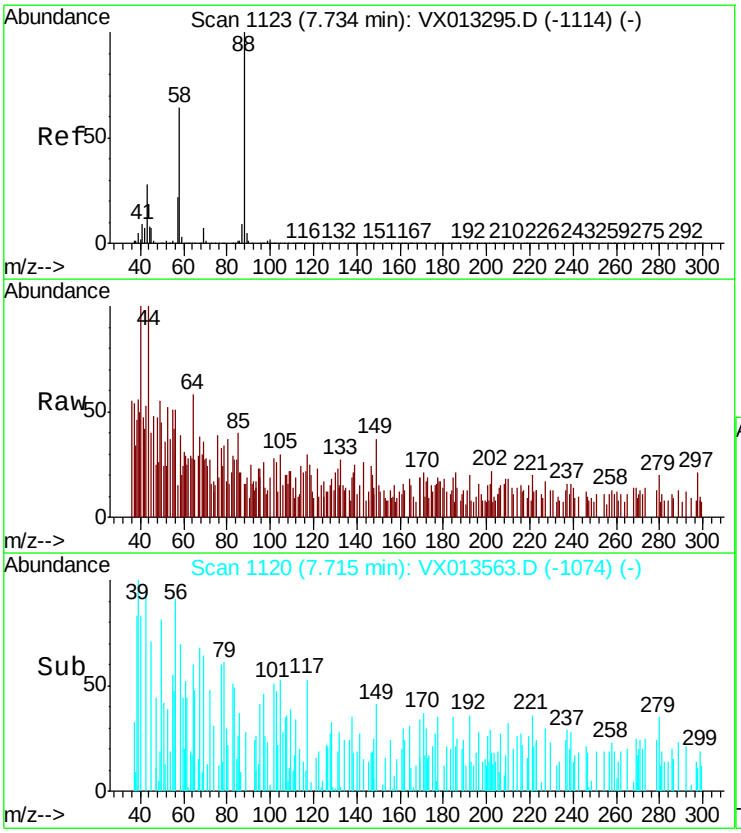
#44
Trichloroethene
Concen: 178.804 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion:130 Resp: 1360618

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	184.8

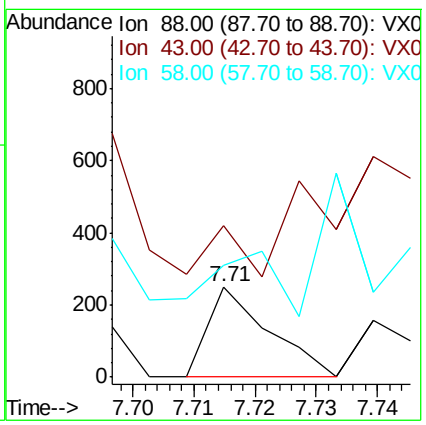


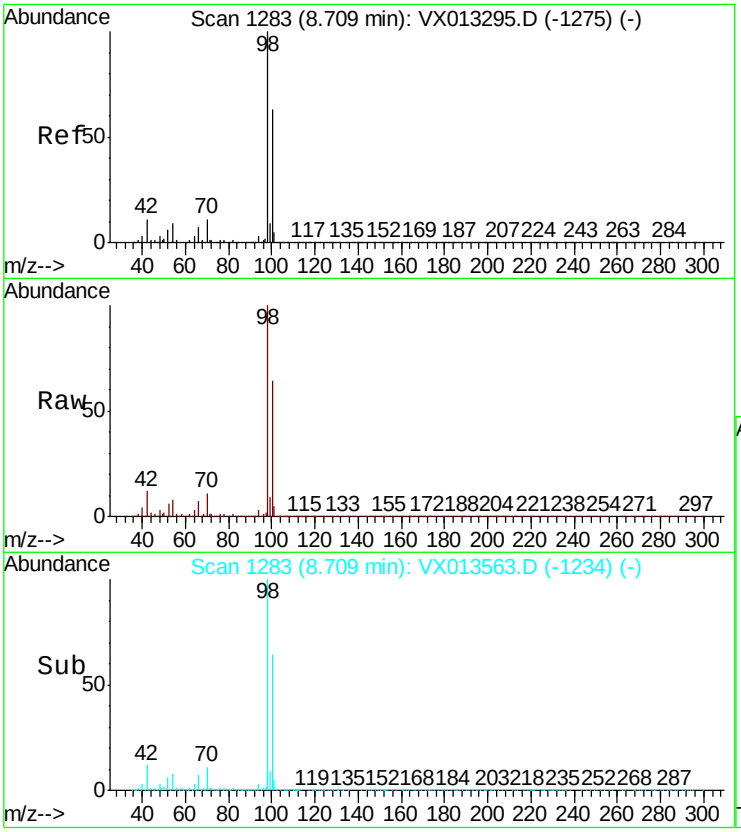


#49
1,4-Dioxane
Concen: 0.881 ug/l
RT: 7.71 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 88 Resp: 172

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	0.0	55.0	82.6#



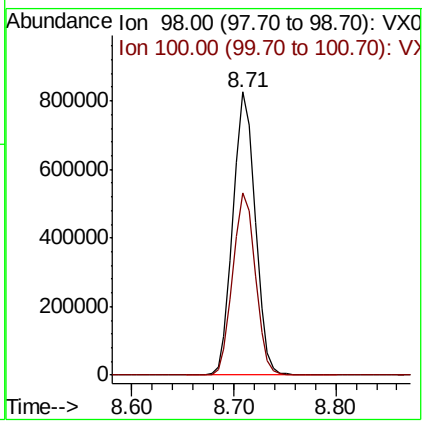


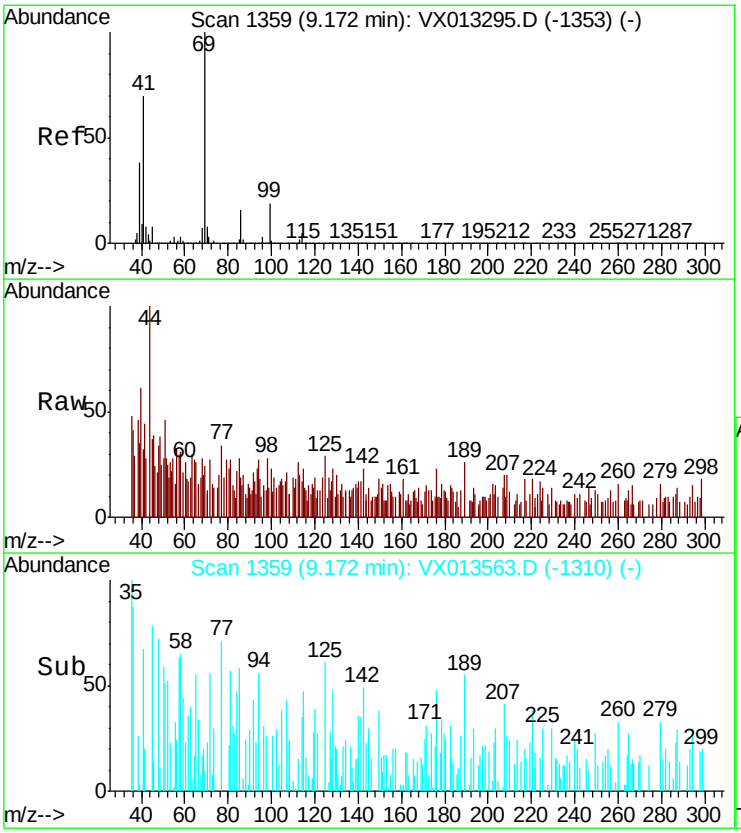
#50
Toluene-d8
Concen: 50.869 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument : MSVOA_X
ClientSampleId : DUP-01-20191120

Tgt Ion: 98 Resp: 1244302

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

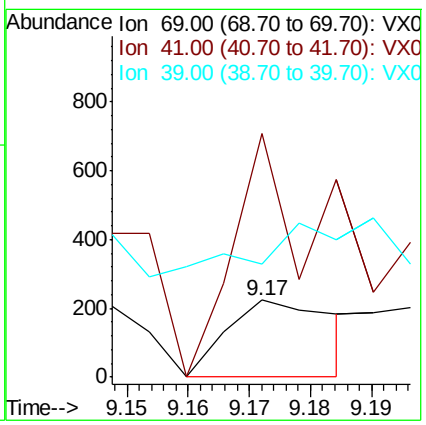


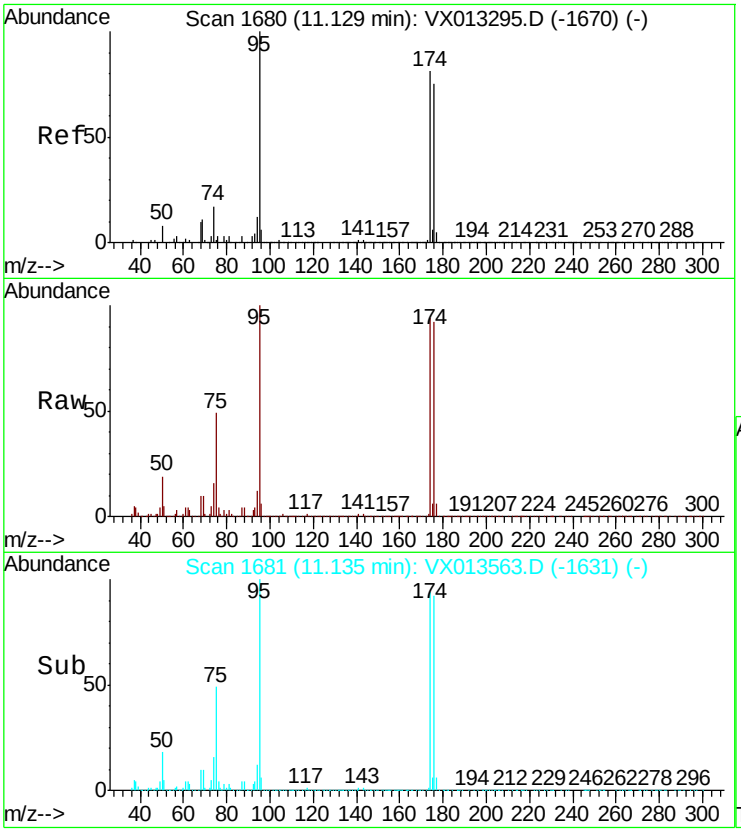


#56
Ethyl methacrylate
Concen: 1.585 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 69 Resp: 269

Ion	Ratio	Lower	Upper
69	100		
41	378.8	56.2	84.2#
39	87.7	31.1	46.7#



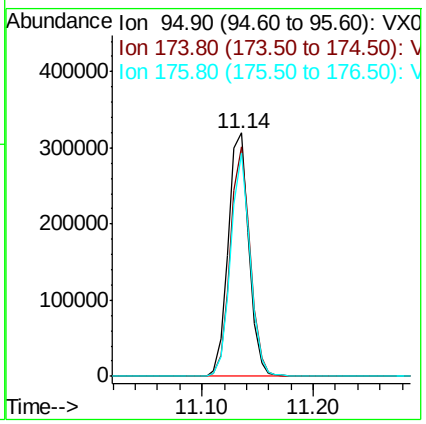


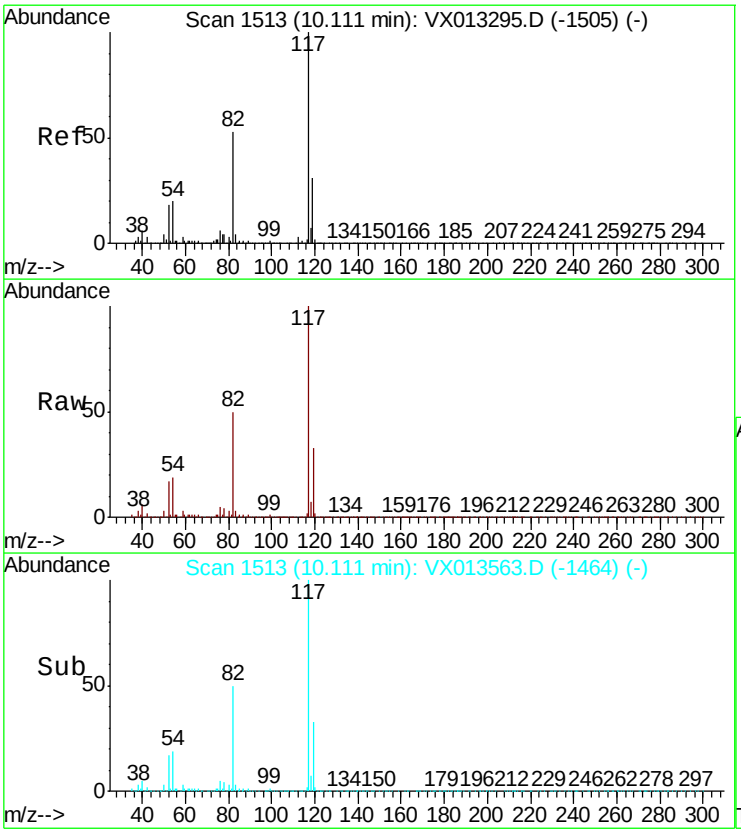
#62
4-Bromofluorobenzene
Concen: 46.608 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 95 Resp: 411462

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	179.8
176	86.2	0.0	173.0

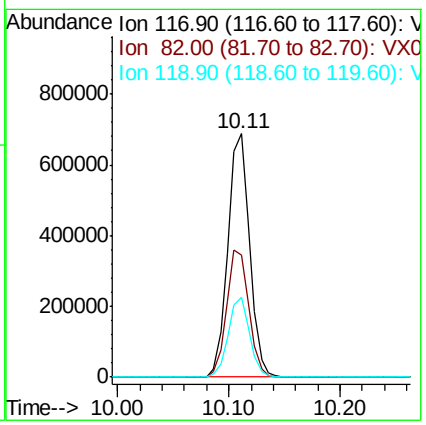


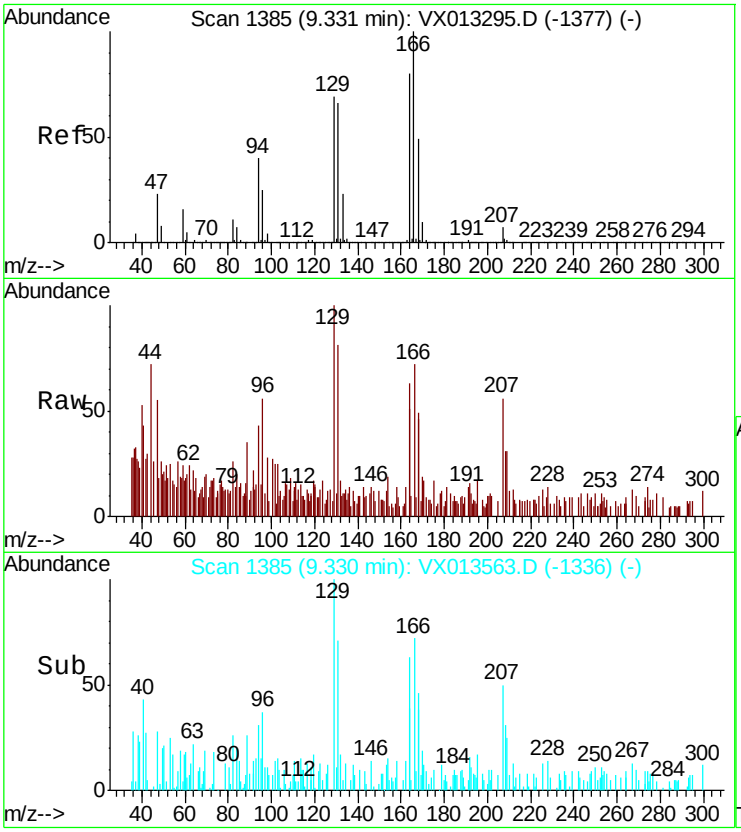


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion:117 Resp: 931541

Ion	Ratio	Lower	Upper
117	100		
82	50.3	42.6	64.0
119	32.6	24.8	37.2



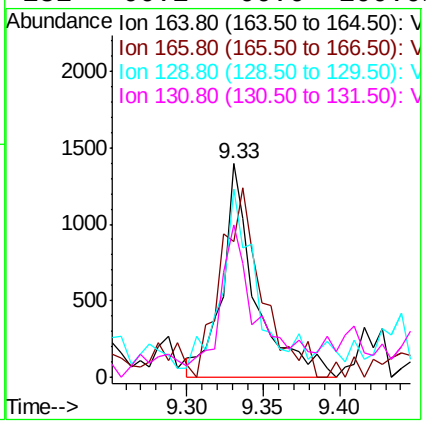


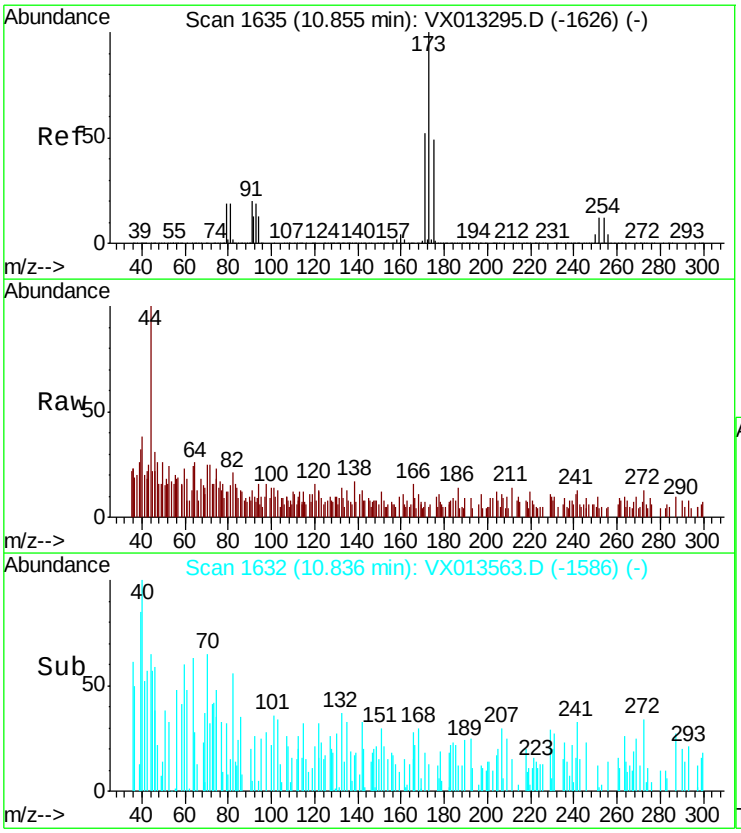
#64
Tetrachloroethene
Concen: 0.313 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion:164 Resp: 2087

Ion	Ratio	Lower	Upper
164	100		
166	57.2	100.4	150.6#
129	75.7	69.4	104.2
131	66.1	66.6	100.0#

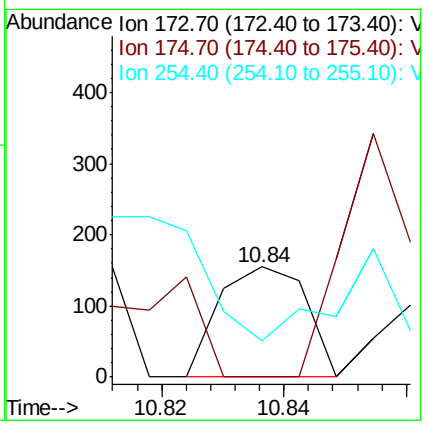


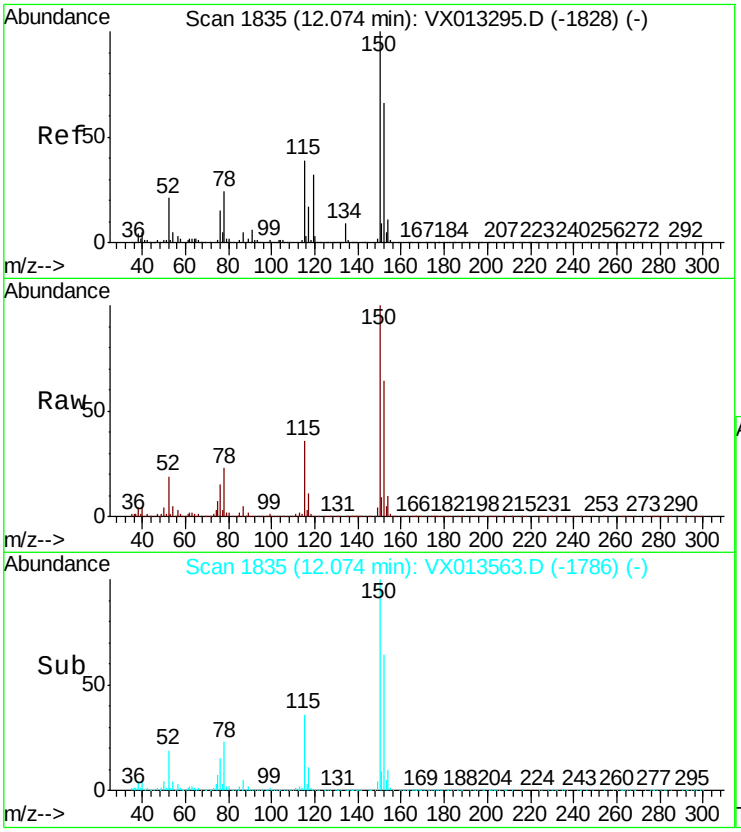


#71
Bromoform
Concen: 3.225 ug/l
RT: 10.84 min Scan# 1632
Delta R.T. -0.02 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion:173 Resp: 152

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	103.3	0.2	0.2#



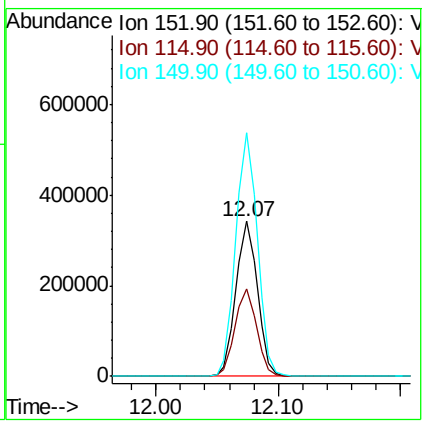


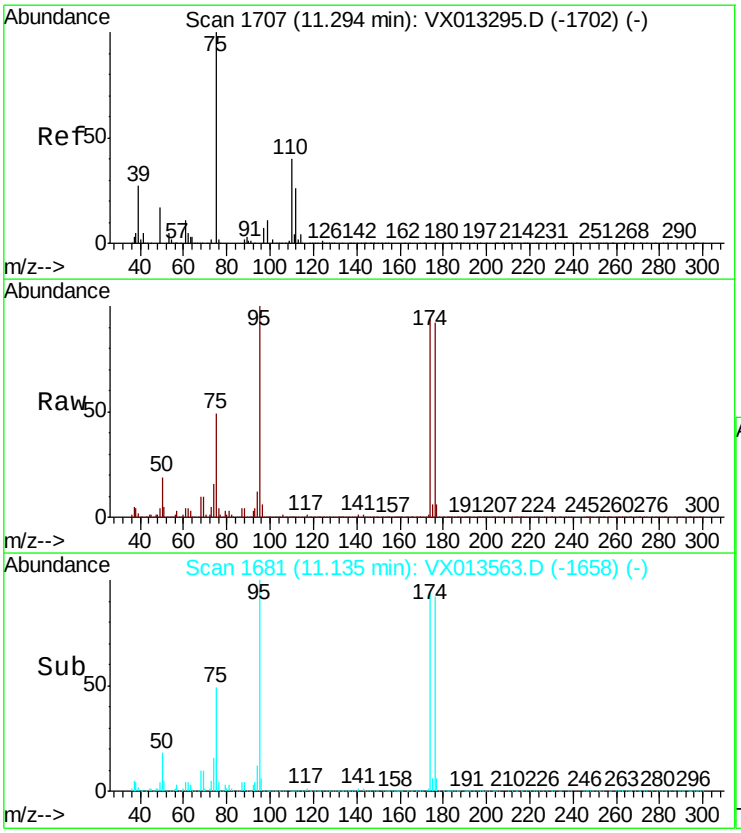
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion:152 Resp: 414834

Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.5	118.3
150	157.7	0.0	344.4

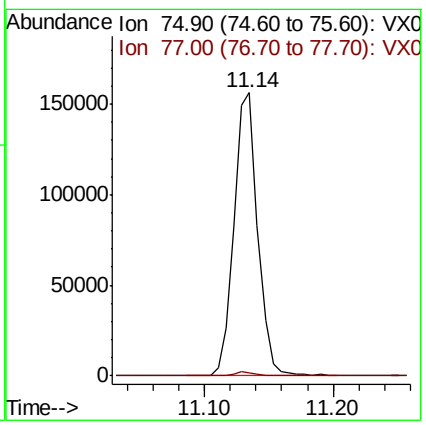


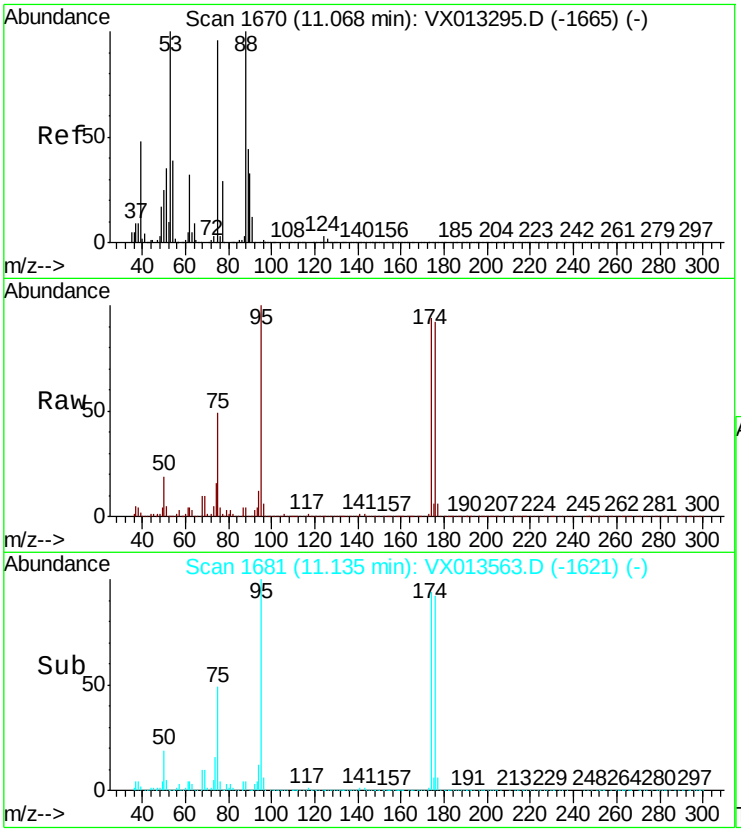


#76
1,2,3-Trichloropropane
Concen: 23.763 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Tgt Ion: 75 Resp: 200219

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.3	66.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.164 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013563.D
Acq: 23 Nov 2019 03:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20191120

Tgt Ion: 75 Resp: 200219

Ion	Ratio	Lower	Upper
75	100		
53	0.3	81.0	121.6#
89	0.1	36.0	54.0#