Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021119\
Data File : VX007469.D
Acq On : 11 Feb 2019 15:46
Operator : JC/SP
Sample : K1433-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Quant Time: Feb 12 00:04:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	565259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	857673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	805513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	396990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	295212	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.40%			
35) Dibromofluoromethane	5.51	113	271089	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
50) Toluene-d8	8.71	98	1026048	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
62) 4-Bromofluorobenzene	11.13	95	364076	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	333	0.225	ug/l	97
5) Bromomethane	1.65	94	324	Below Cal	#	78
6) Chloroethane	1.78	64	2366	0.586	ug/l #	43
11) Tert butyl alcohol	3.02	59	4650	3.745	ug/l #	76
13) Acrolein	2.28	56	260	0.447	ug/l	94
16) Acetone	2.45	43	13708	4.988	ug/l	89
17) Carbon Disulfide	2.57	76	2906	2.318	ug/l #	88
18) Methyl Acetate	2.77	43	1123	0.748	ug/l #	83
19) Methyl tert-butyl Ether	3.21	73	3610	0.206	ug/l #	60
20) Methylene Chloride	2.86	84	2019	Below Cal	#	73
30) Chloroform	5.23	83	3178	0.328	ug/l	93
36) 1,1-Dichloropropene	5.67	75	35450	4.607	ug/l #	49
38) Carbon Tetrachloride	5.67	117	49426	6.620	ug/l #	17
40) Benzene	6.15	78	6774	0.299	ug/l	99
49) 1,4-Dioxane	7.74	88	142	7.911	ug/l #	1
67) Ethyl Benzene	10.25	91	36031	1.273	ug/l	100
68) m/p-Xylenes	10.36	106	6904	0.614	ug/l	88
71) Bromoform	10.95	173	103	4.048	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	174462	22.593	ug/l #	32
78) n-propylbenzene	11.36	91	8860	0.300	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	174462	68.156	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	7359	0.328	ug/l	100
95) Naphthalene	13.83	128	34799	1.300	ug/l	97

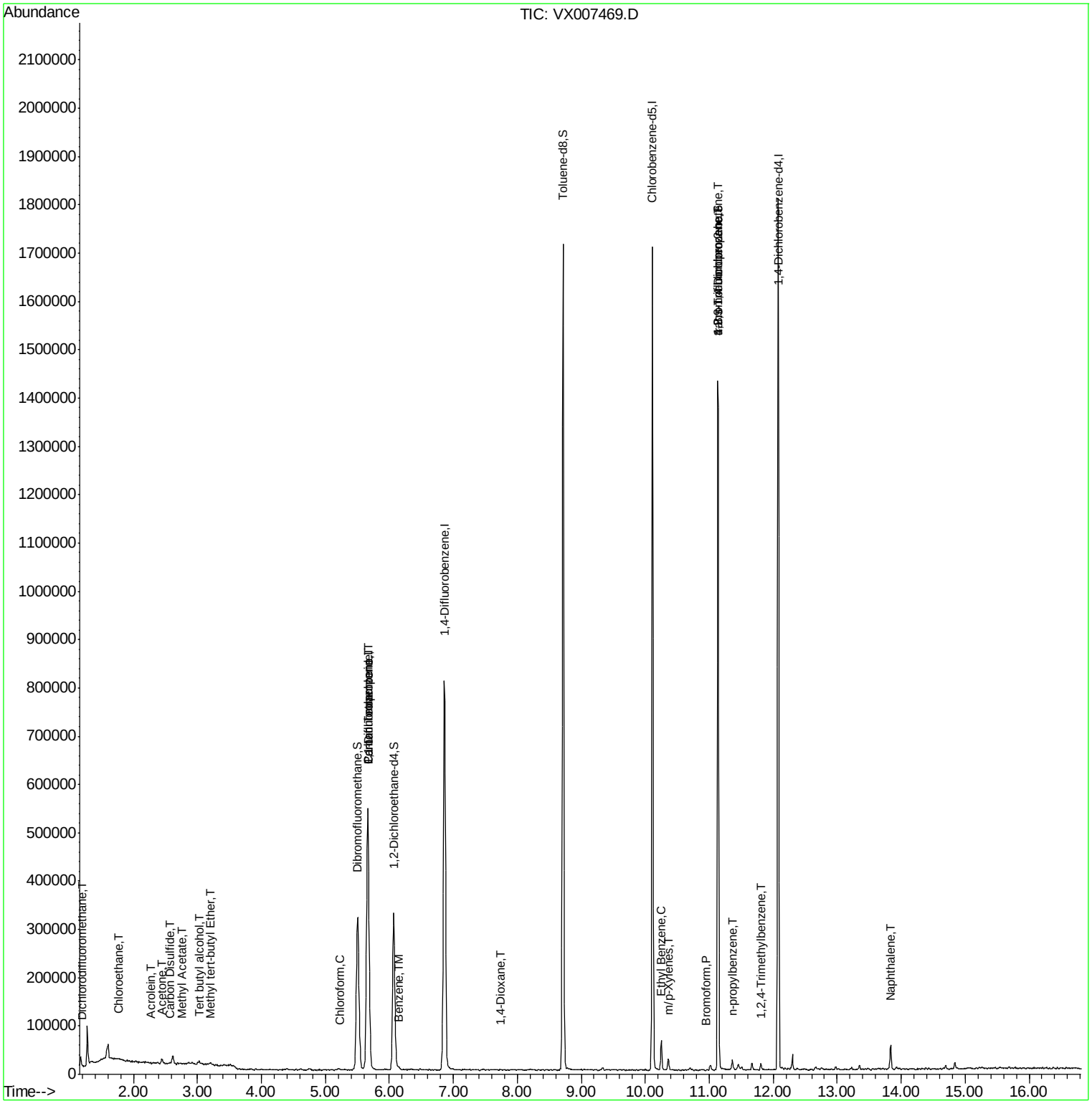
(#) = qualifier out of range (m) = manual integration (+) = signals summed

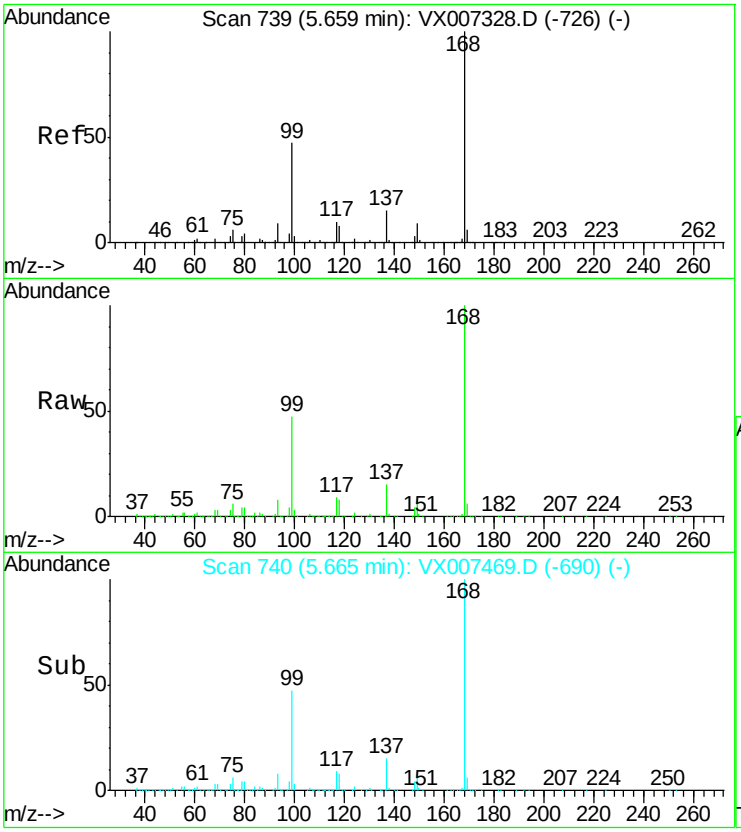
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021119\
Data File : VX007469.D
Acq On : 11 Feb 2019 15:46
Operator : JC/SP
Sample : K1433-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Quant Time: Feb 12 00:04:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



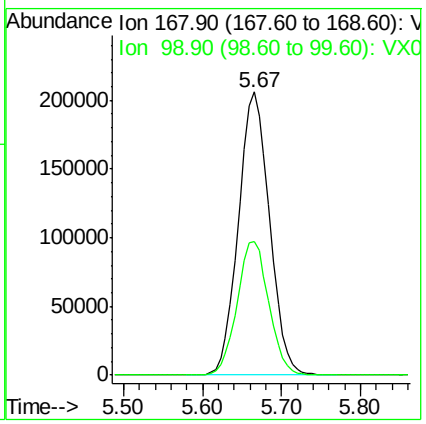


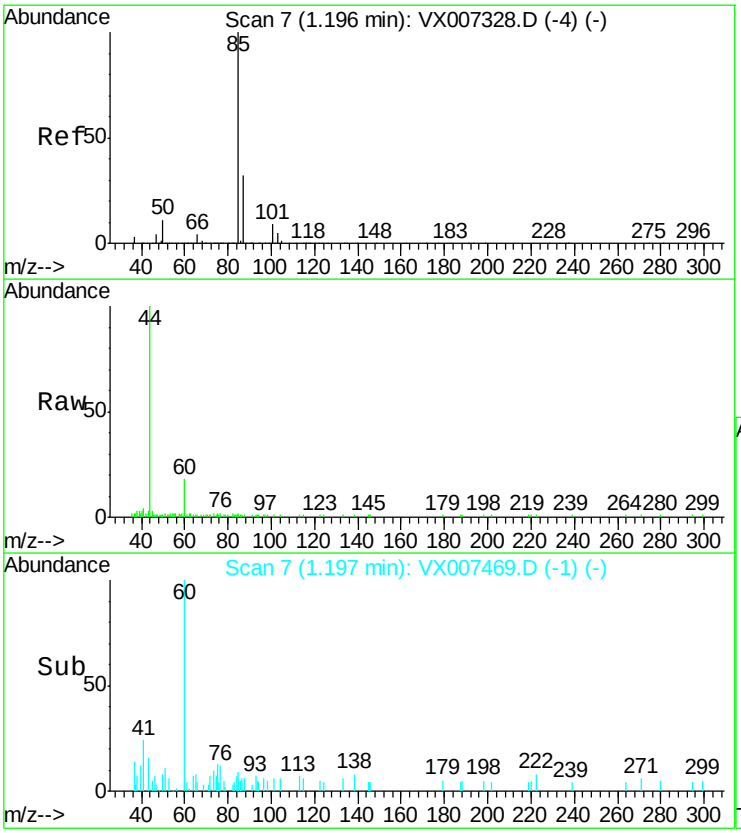
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion:168 Resp: 565259

Ion	Ratio	Lower	Upper
168	100		
99	47.0	37.9	56.9

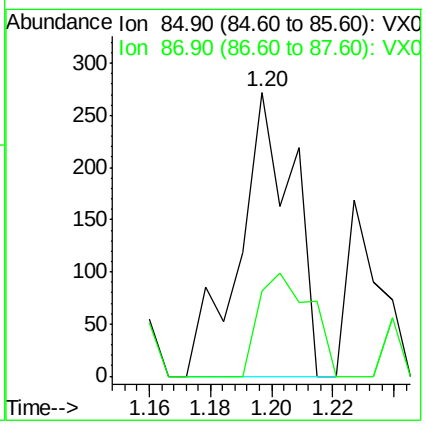


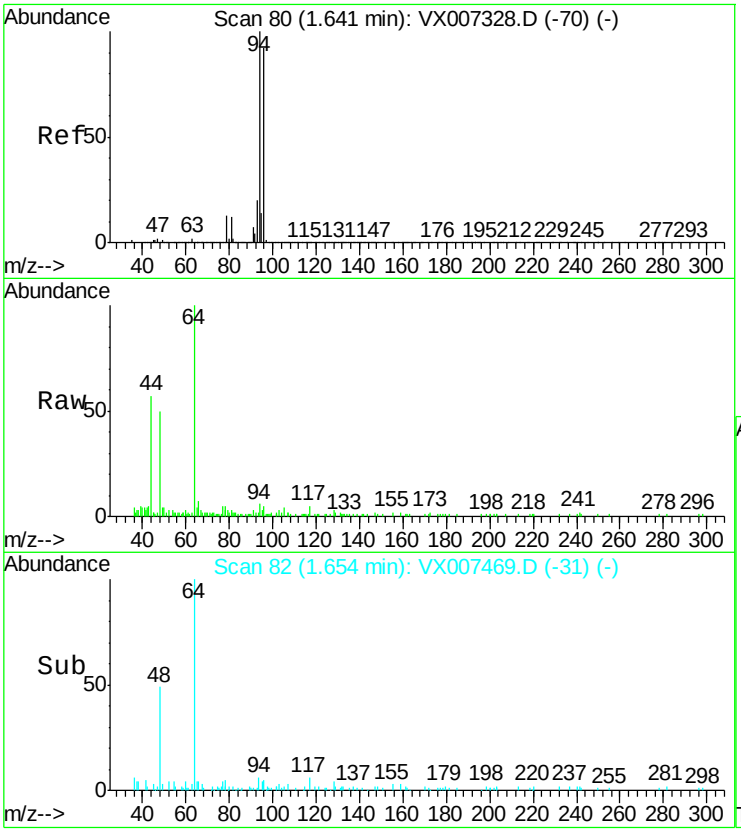


#2
Dichlorodifluoromethane
Concen: 0.225 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 85 Resp: 333

Ion	Ratio	Lower	Upper
85	100		
87	30.1	15.8	47.4



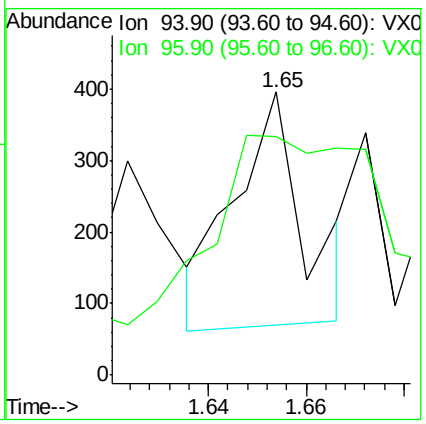


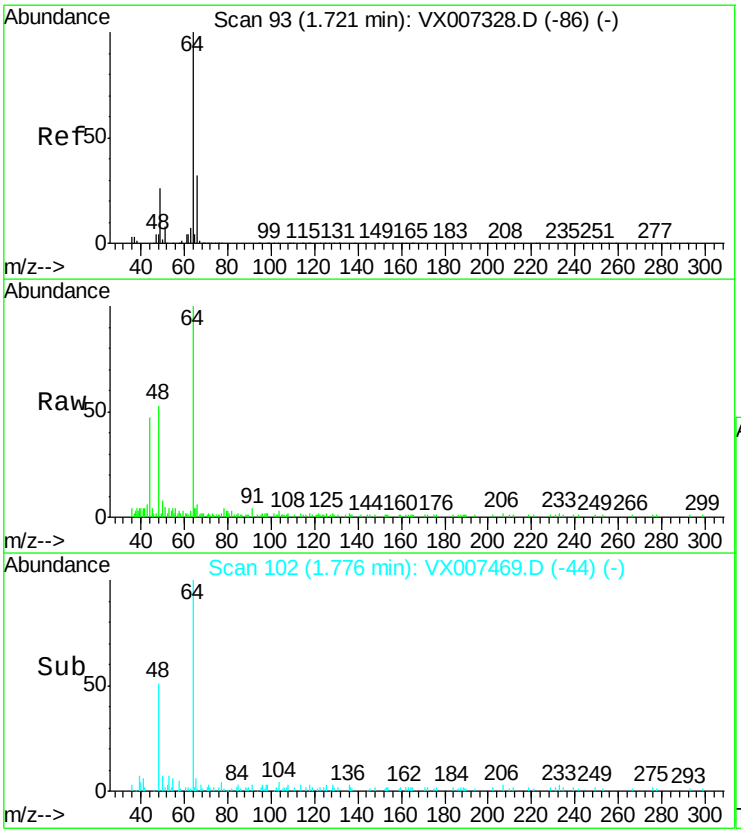
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Tgt Ion: 94 Resp: 324

Ion	Ratio	Lower	Upper
94	100		
96	71.0	73.9	110.9#

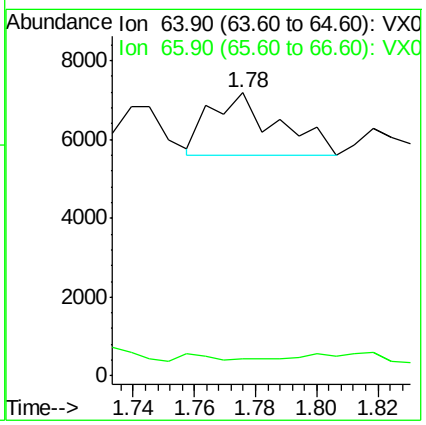


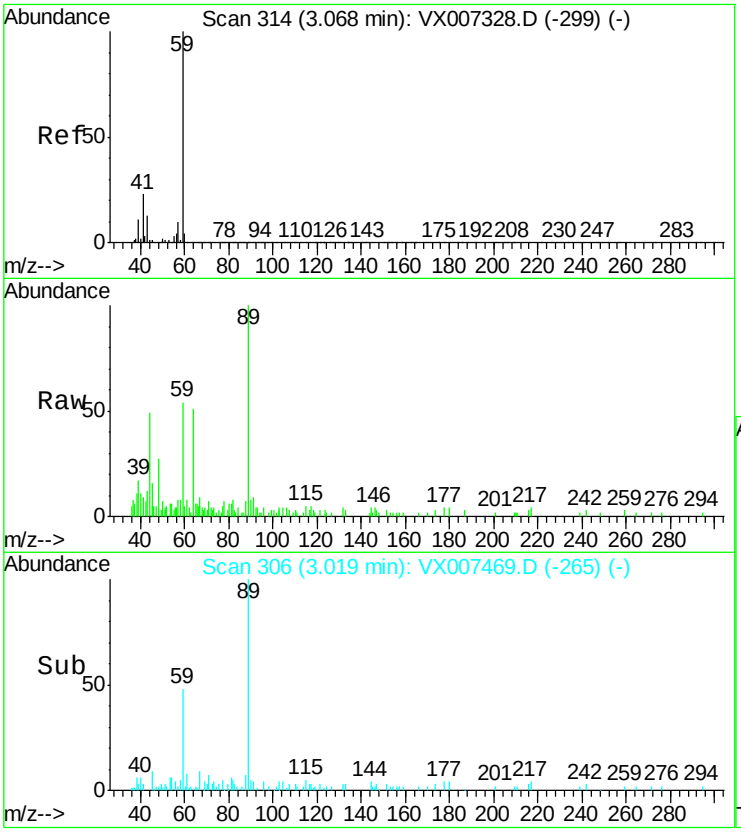


#6
Chloroethane
Concen: 0.586 ug/l
RT: 1.78 min Scan# 102
Delta R.T. 0.06 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 64 Resp: 2366

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



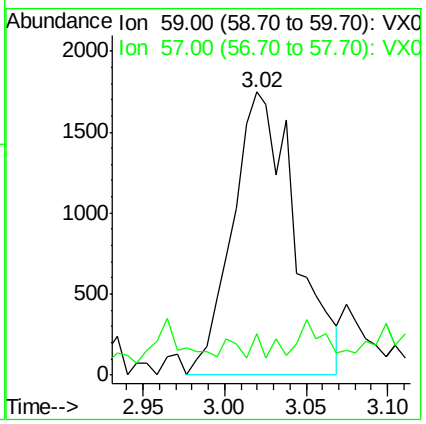


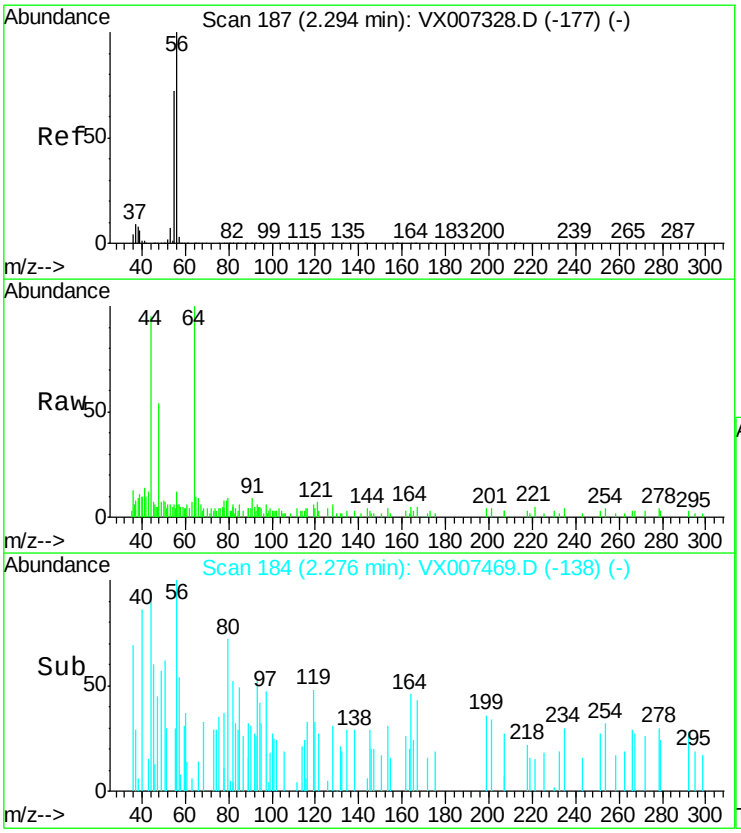
#11
Tert butyl alcohol
Concen: 3.745 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Tgt Ion: 59 Resp: 4650

Ion	Ratio	Lower	Upper
59	100		
57	1.1	8.1	12.1#

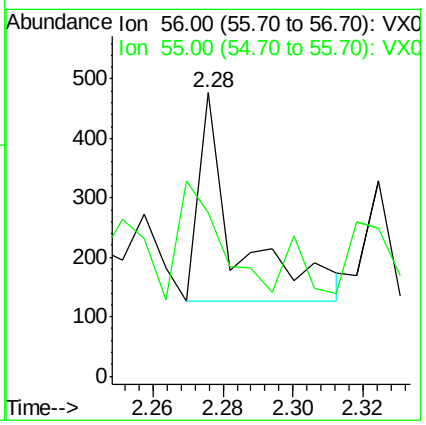


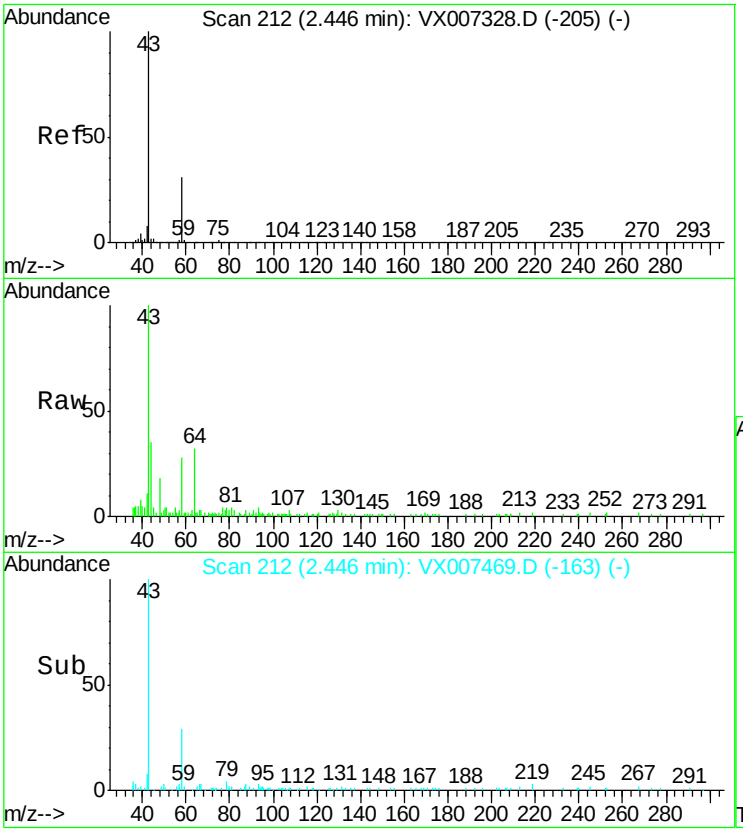


#13
Acrolein
Concen: 0.447 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 56 Resp: 260

Ion	Ratio	Lower	Upper
56	100		
55	66.2	56.9	85.3



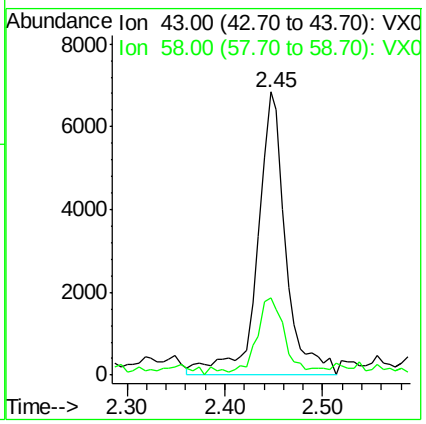


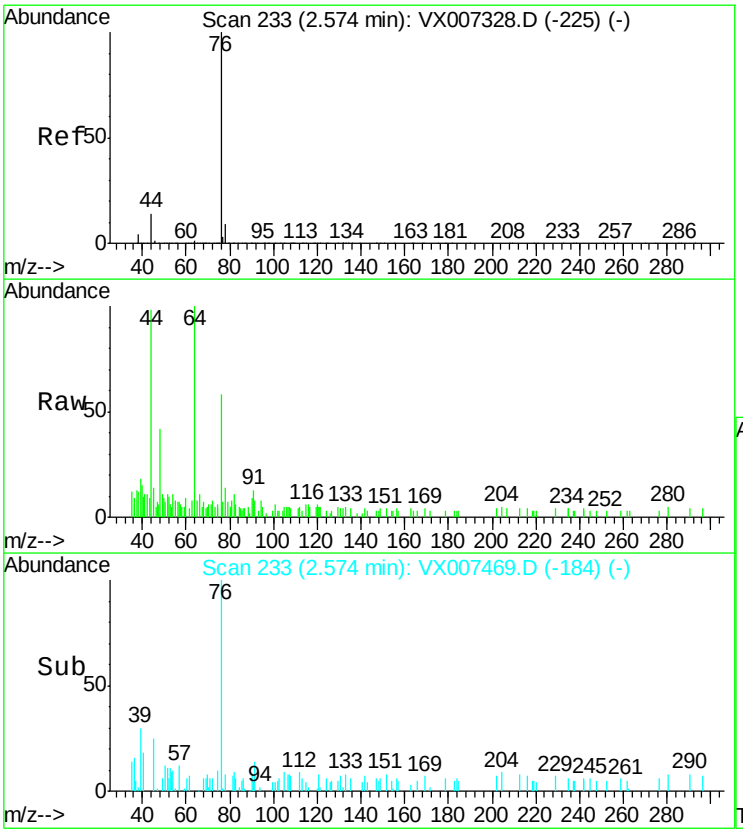
#16
Acetone
Concen: 4.988 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion: 43 Resp: 13708

Ion	Ratio	Lower	Upper
43	100		
58	24.9	24.9	37.3

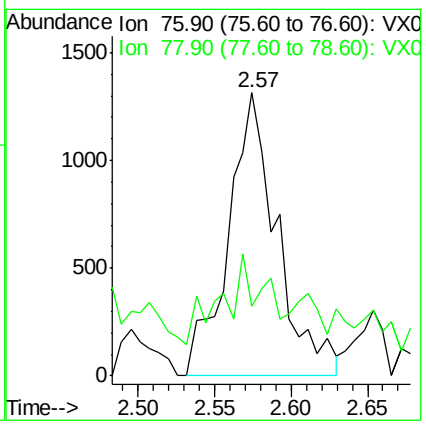


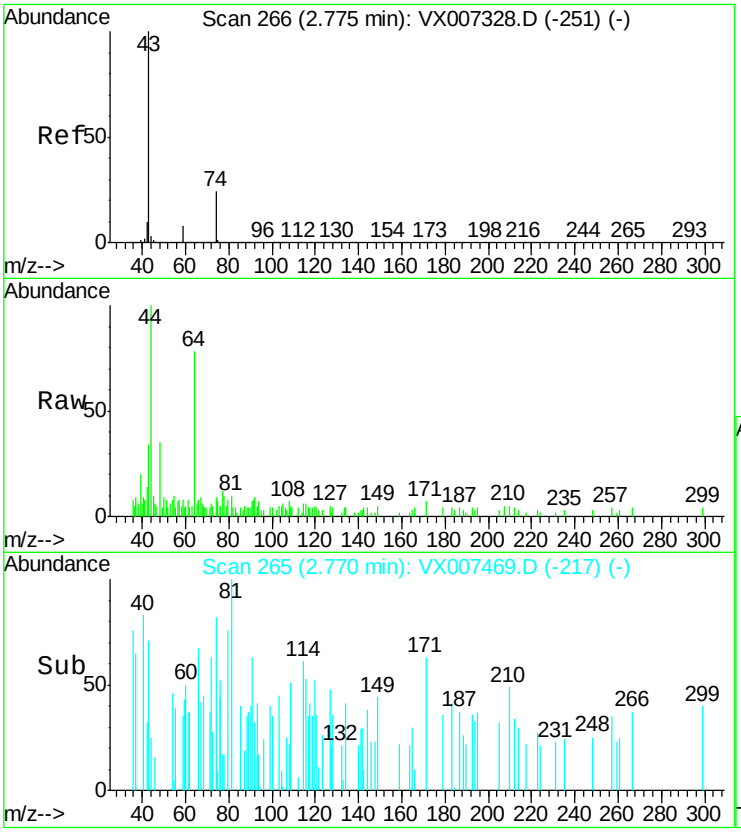


#17
Carbon Disulfide
Concen: 2.318 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 76 Resp: 2906

Ion	Ratio	Lower	Upper
76	100		
78	13.3	7.1	10.7#



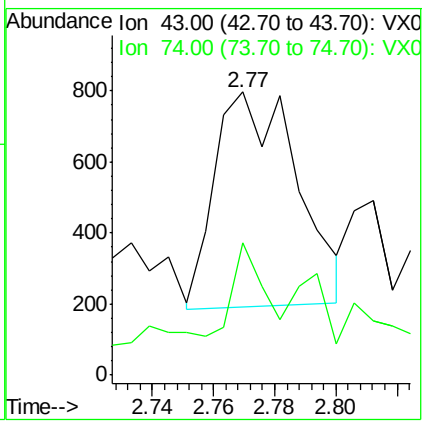


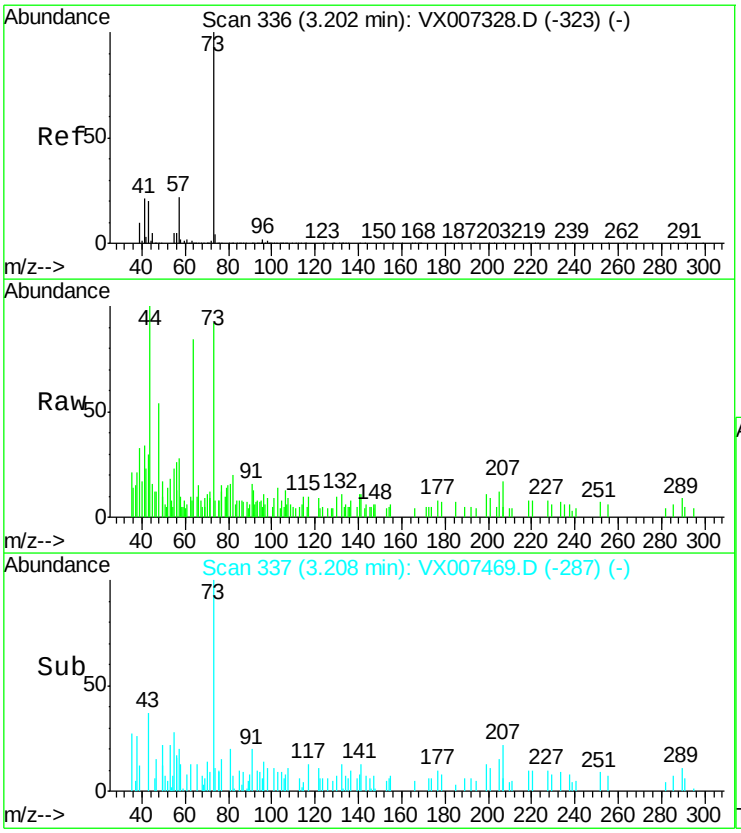
#18
Methyl Acetate
Concen: 0.748 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Tgt Ion: 43 Resp: 1123

Ion	Ratio	Lower	Upper
43	100		
74	15.7	19.4	29.2#

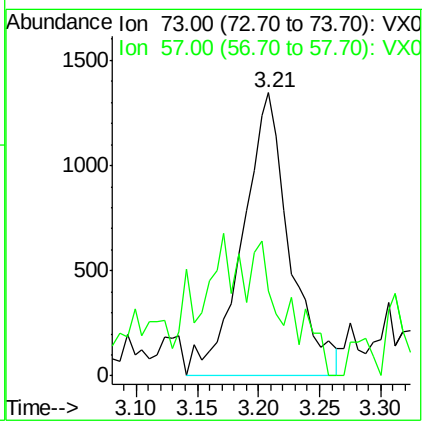


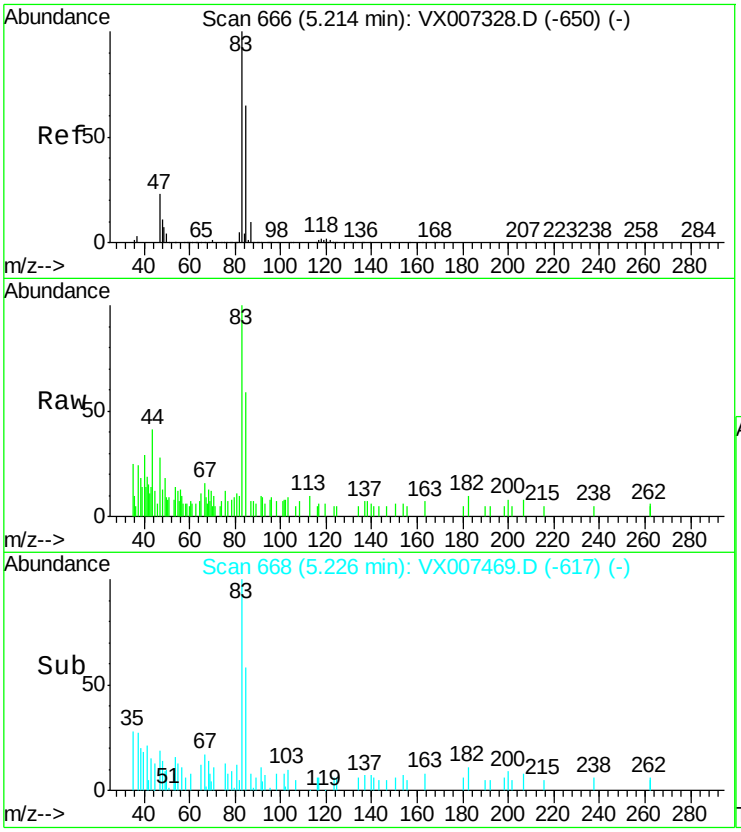


#19
Methyl tert-butyl Ether
Concen: 0.206 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 73 Resp: 3610

Ion	Ratio	Lower	Upper
73	100		
57	41.5	17.8	26.8#



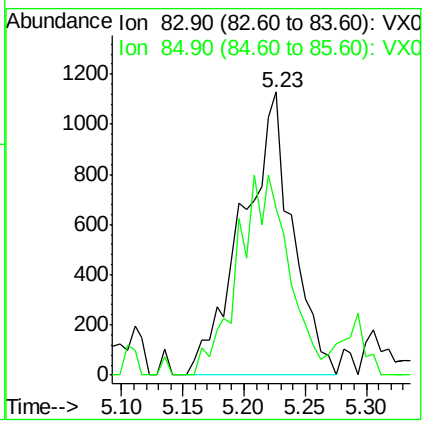


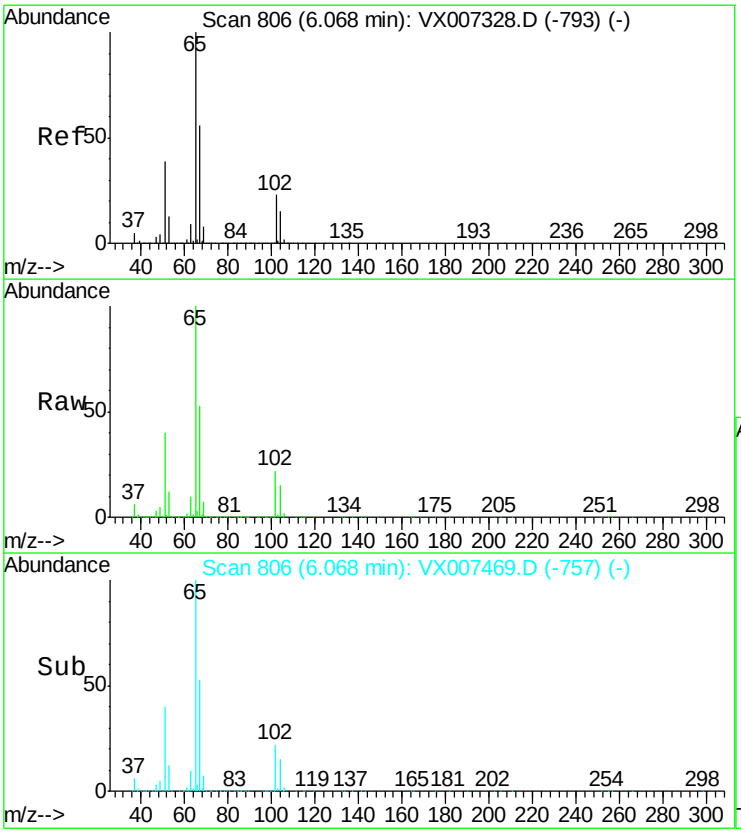
#30
Chloroform
Concen: 0.328 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion: 83 Resp: 3178

Ion	Ratio	Lower	Upper
83	100		
85	59.0	51.6	77.4

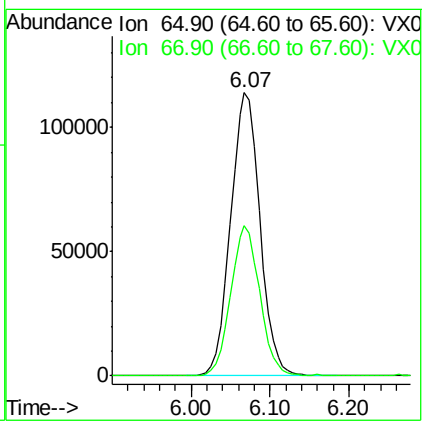


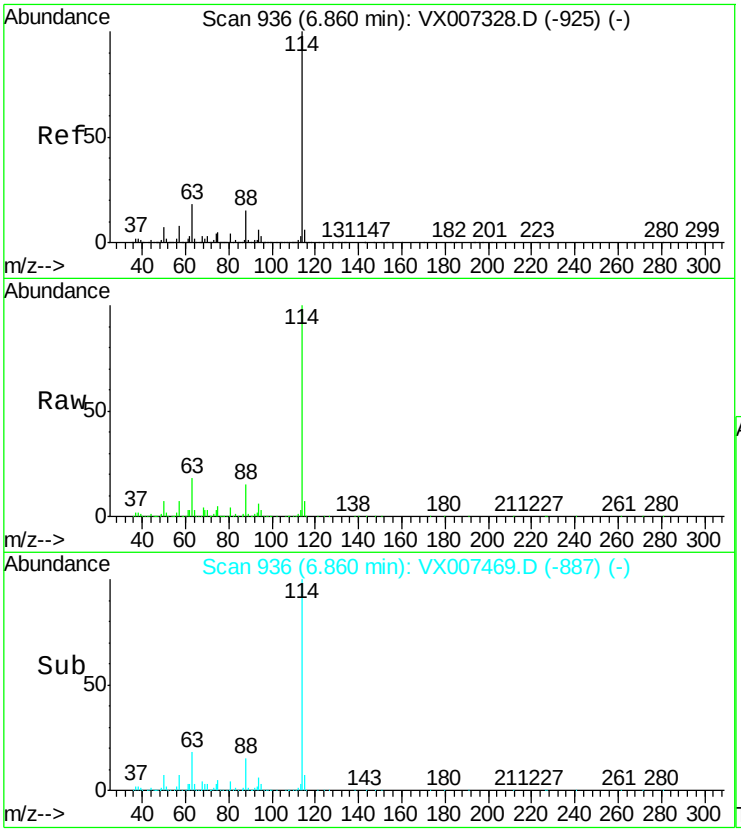


#33
1,2-Dichloroethane-d4
Concen: 49.204 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 65 Resp: 295212

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	108.8



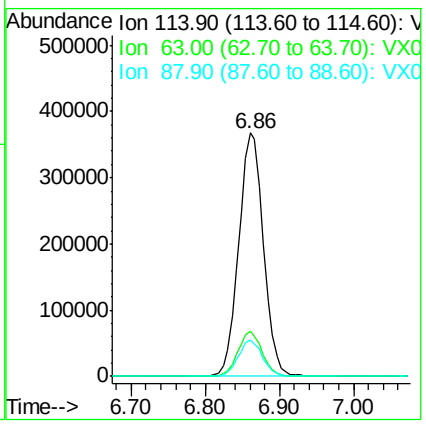


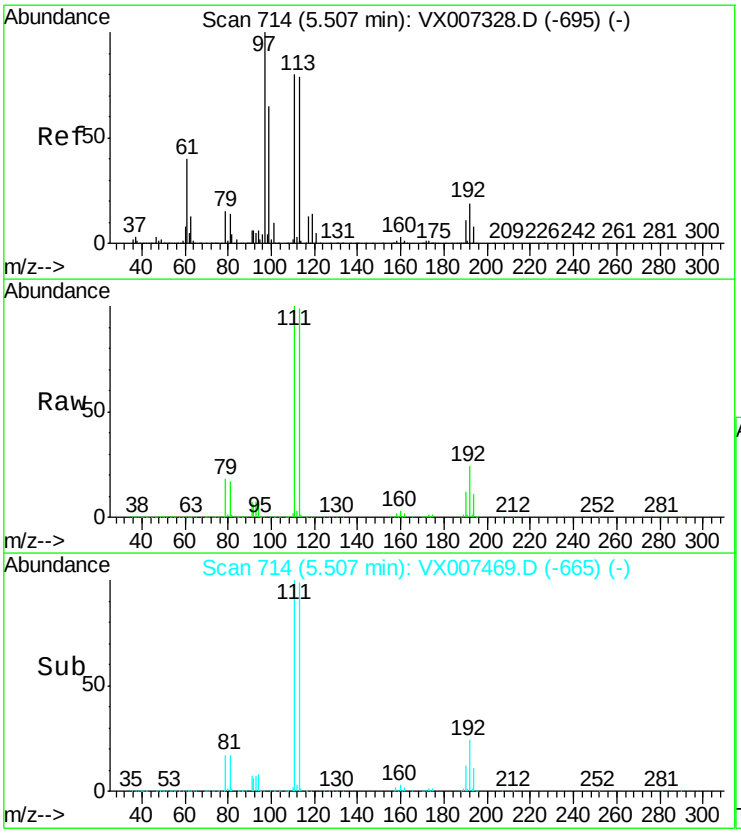
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion:114 Resp: 857673

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.6
88	14.9	0.0	29.6

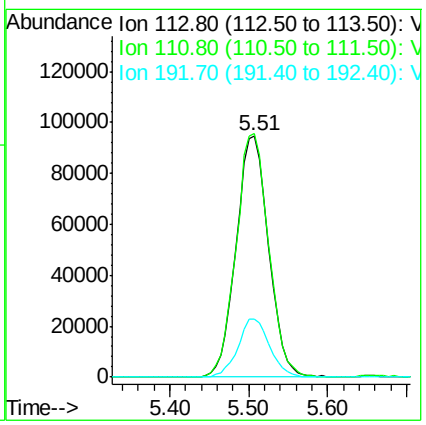


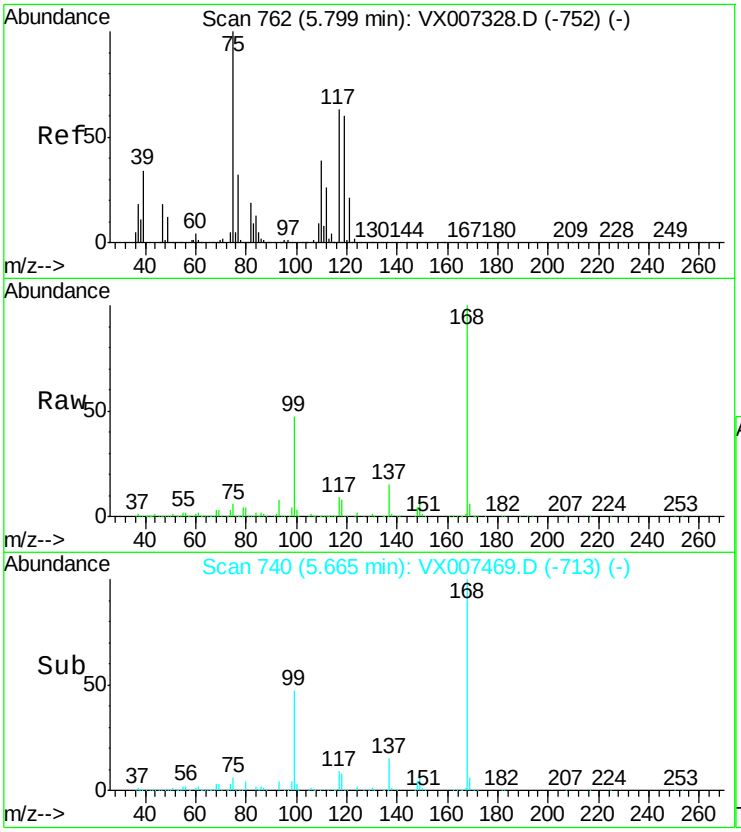


#35
Dibromofluoromethane
Concen: 48.577 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion:113 Resp: 271089

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	23.5	18.5	27.7



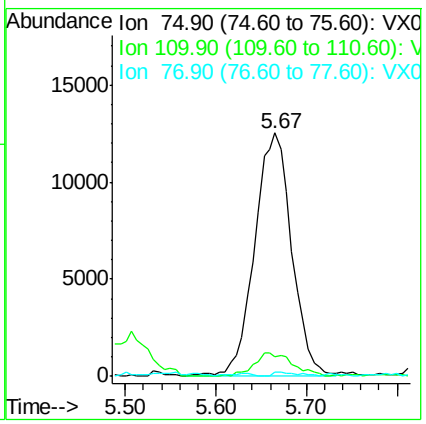


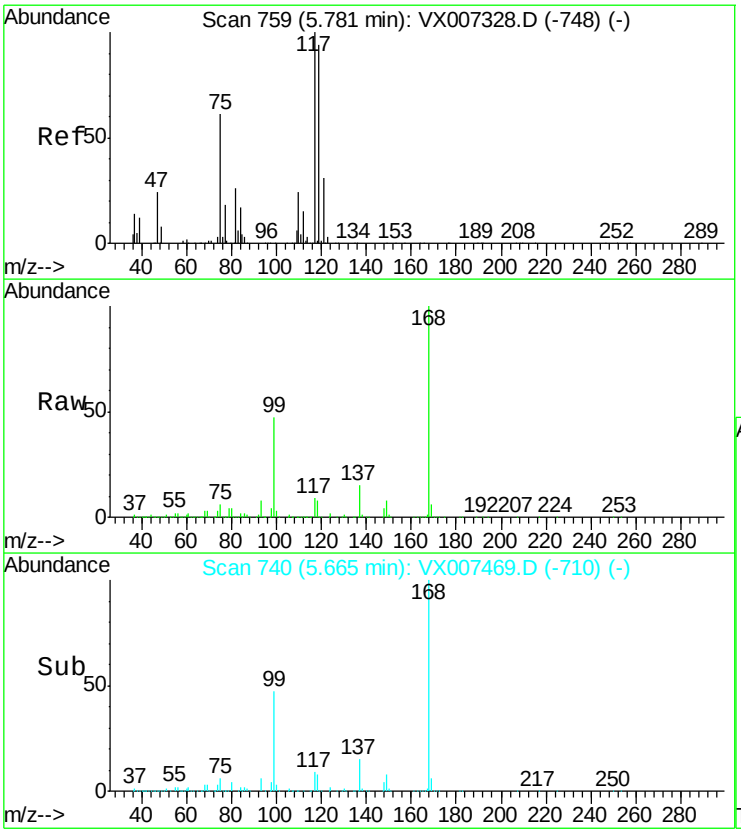
#36
1,1-Dichloropropene
Concen: 4.607 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion: 75 Resp: 35450

Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.0	59.9#
77	1.2	24.7	37.1#

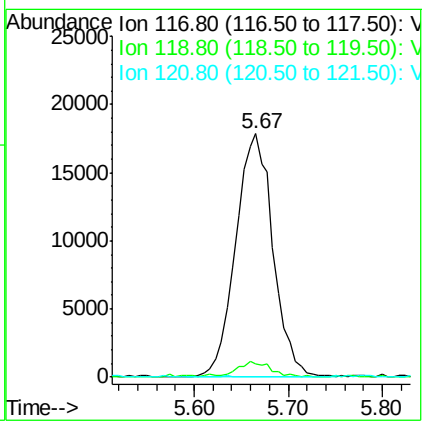


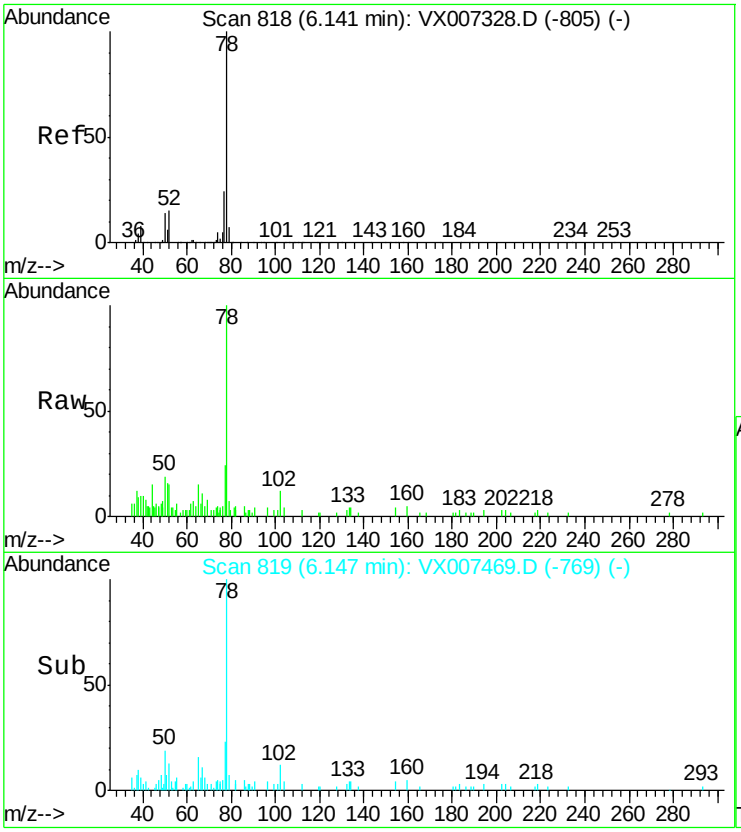


#38
Carbon Tetrachloride
Concen: 6.620 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion:117 Resp: 49426

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.3	112.9#
121	0.0	25.0	37.4#



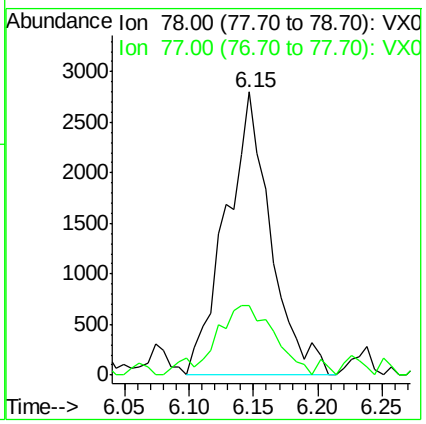


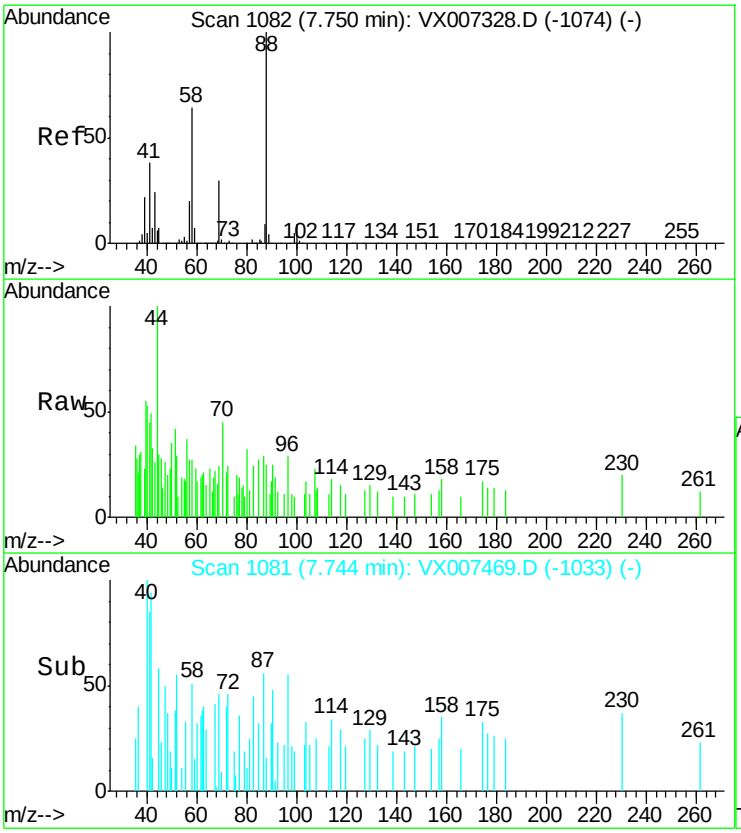
#40
Benzene
Concen: 0.299 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion: 78 Resp: 6774

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

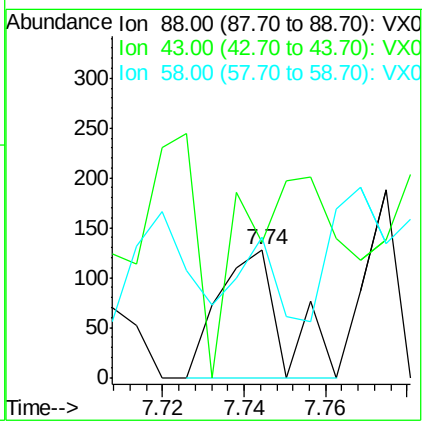


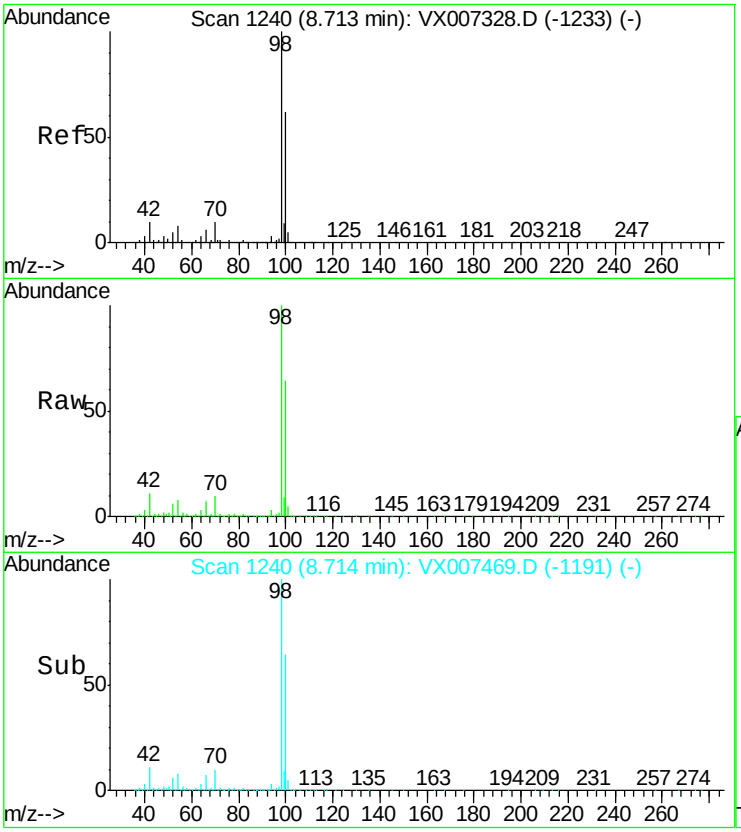


#49
1,4-Dioxane
Concen: 7.911 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 88 Resp: 142

Ion	Ratio	Lower	Upper
88	100		
43	251.4	24.2	36.4#
58	33.8	53.0	79.4#



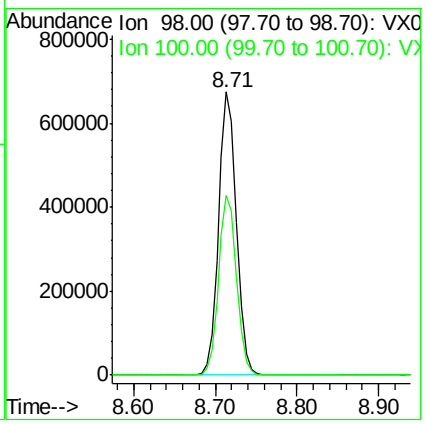


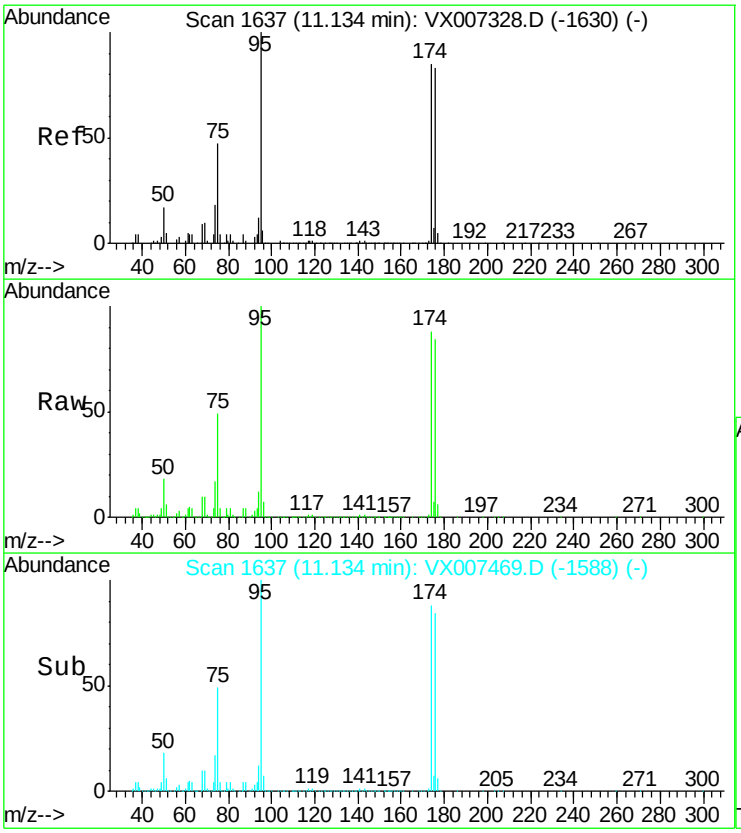
#50
Toluene-d8
Concen: 49.556 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion: 98 Resp: 1026048

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4

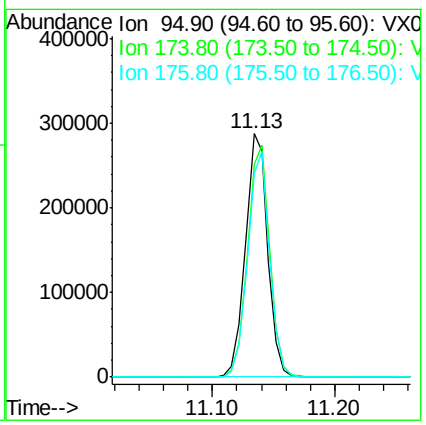


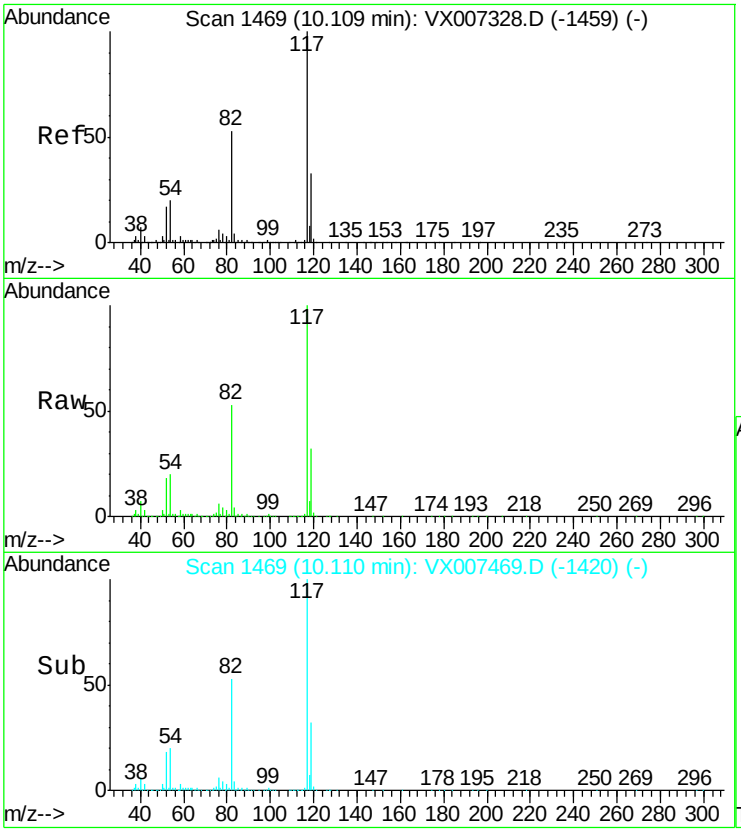


#62
4-Bromofluorobenzene
Concen: 48.162 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 95 Resp: 364076

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	189.2
176	91.7	0.0	186.2



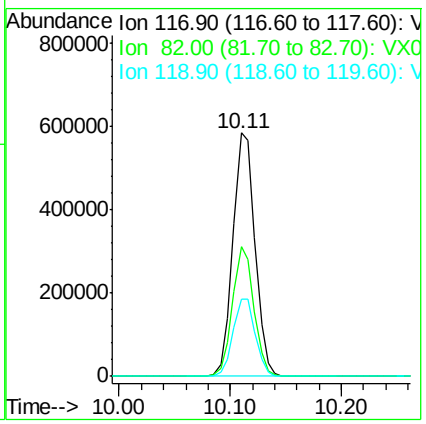


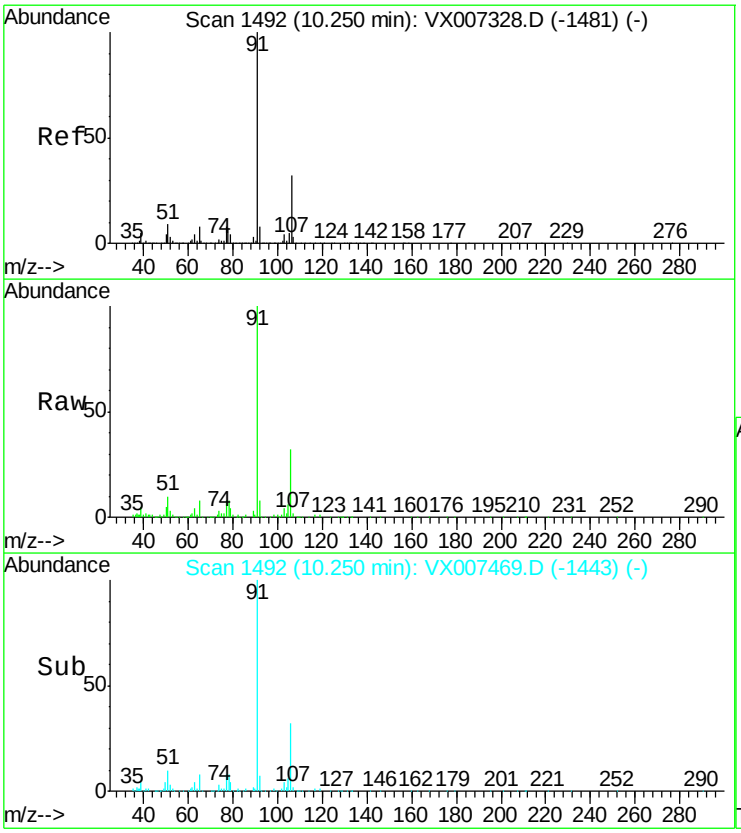
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Tgt Ion:117 Resp: 805513

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.1	63.1
119	31.6	26.5	39.7

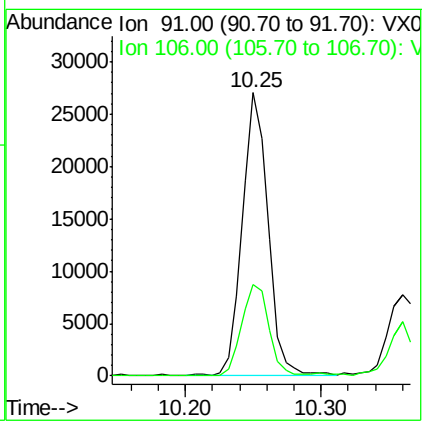


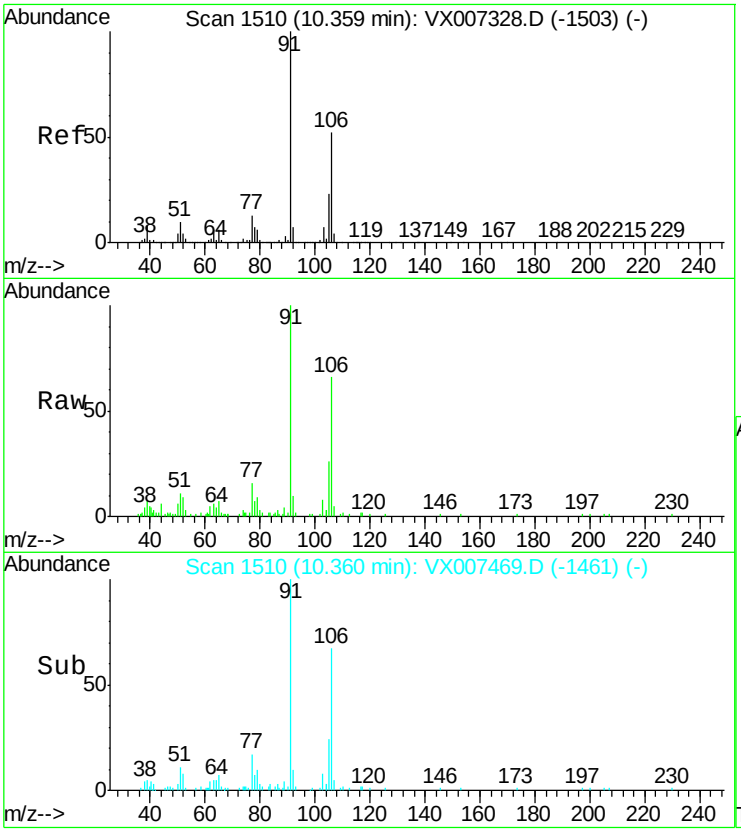


#67
Ethyl Benzene
Concen: 1.273 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 91 Resp: 36031

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.4	38.0



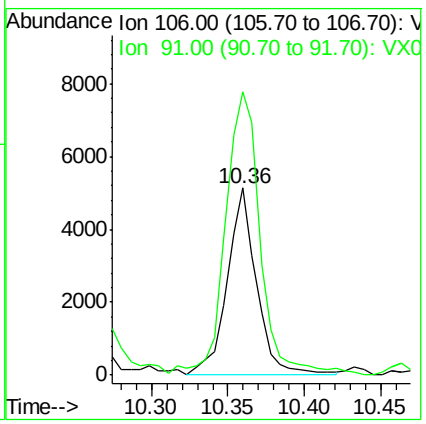


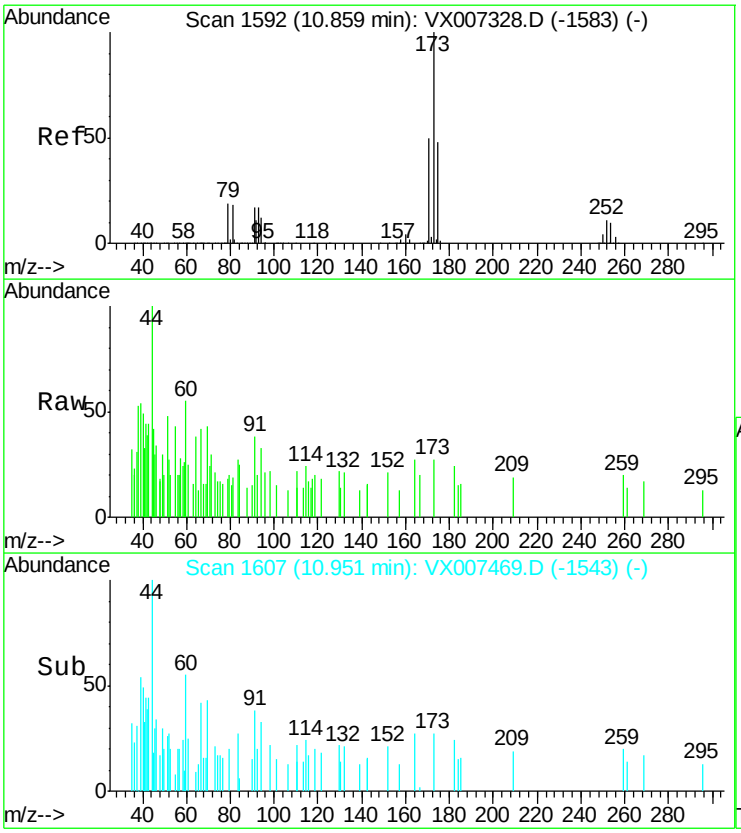
#68
m/p-Xylenes
Concen: 0.614 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Tgt Ion:106 Resp: 6904

Ion	Ratio	Lower	Upper
106	100		
91	178.4	156.6	234.8

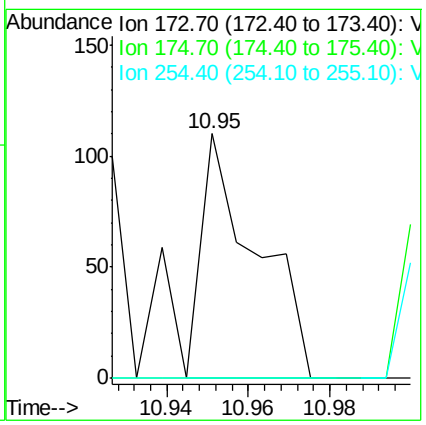


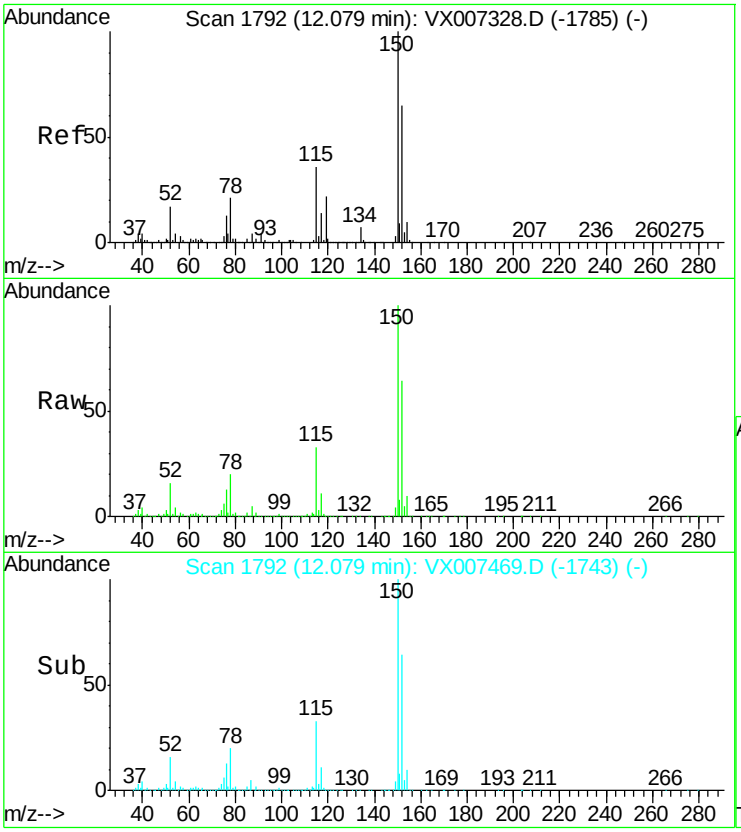


#71
Bromoform
Concen: 4.048 ug/l
RT: 10.95 min Scan# 1607
Delta R.T. 0.09 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion:173 Resp: 103

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.2	72.6#
254	0.0	0.2	0.2#



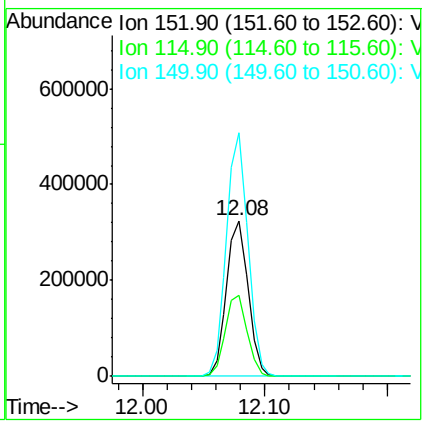


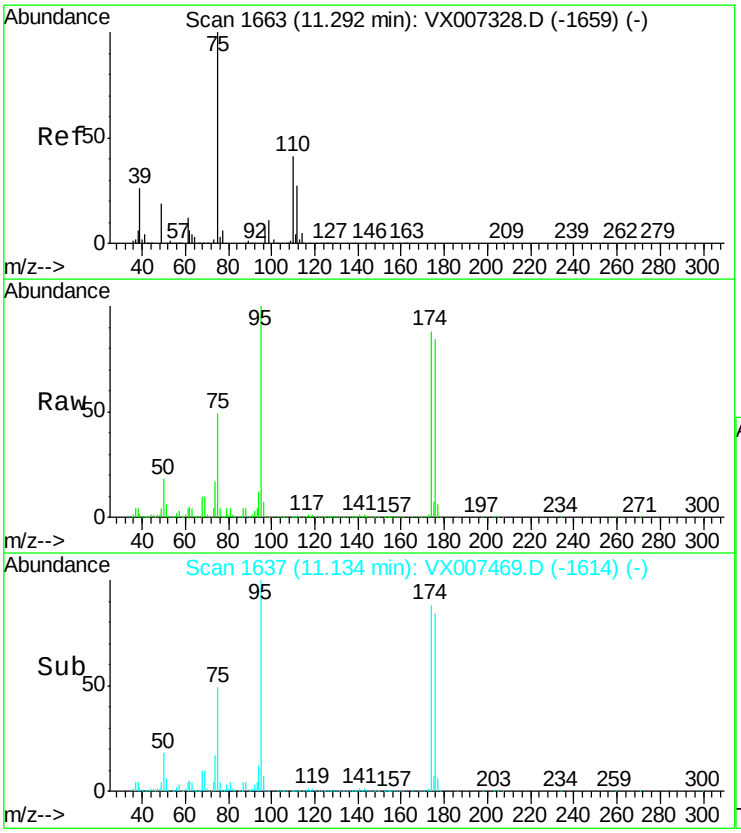
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Tgt Ion:152 Resp: 396990

Ion	Ratio	Lower	Upper
152	100		
115	53.0	38.0	114.0
150	155.4	0.0	346.4

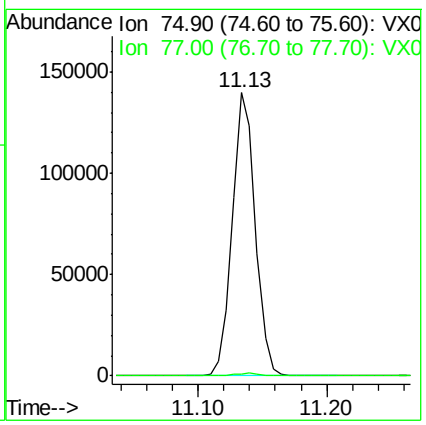


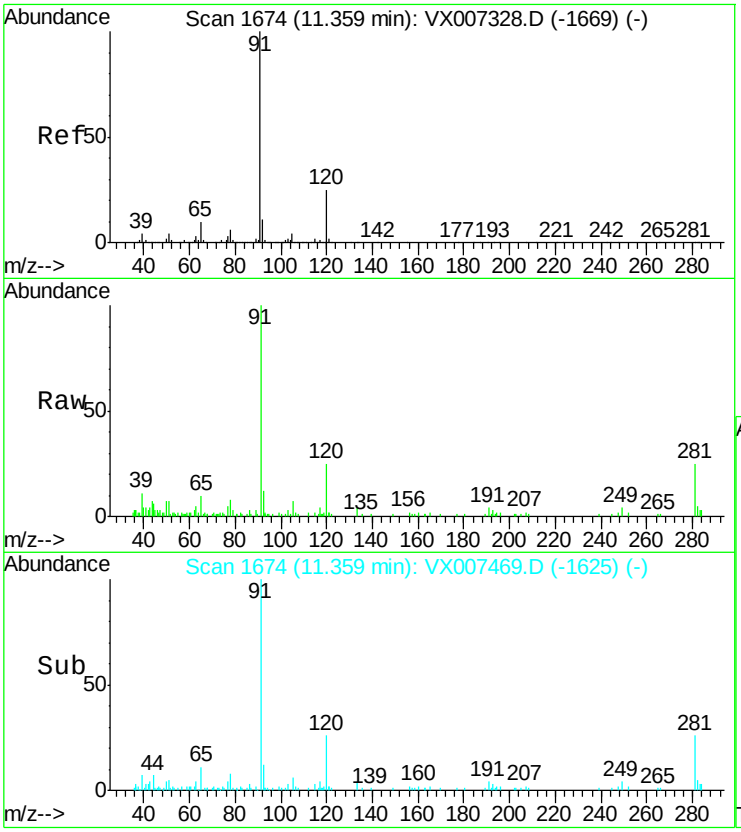


#76
1,2,3-Trichloropropane
Concen: 22.593 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 75 Resp: 174462

Ion	Ratio	Lower	Upper
75	100		
77	1.1	23.0	69.0#



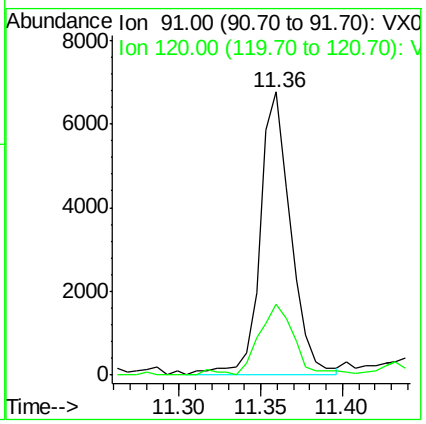


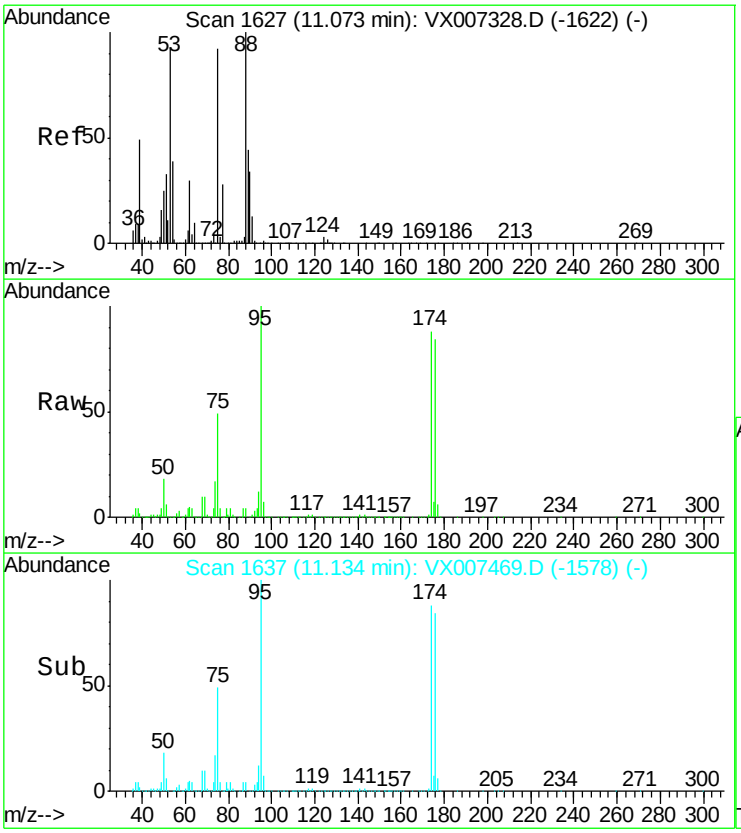
#78
n-propylbenzene
Concen: 0.300 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument : MSVOA_X
ClientSampleId : DUP-0502-190207

Tgt Ion: 91 Resp: 8860

Ion	Ratio	Lower	Upper
91	100		
120	28.4	12.4	37.2

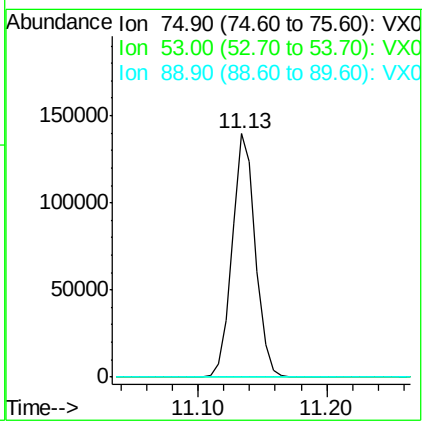


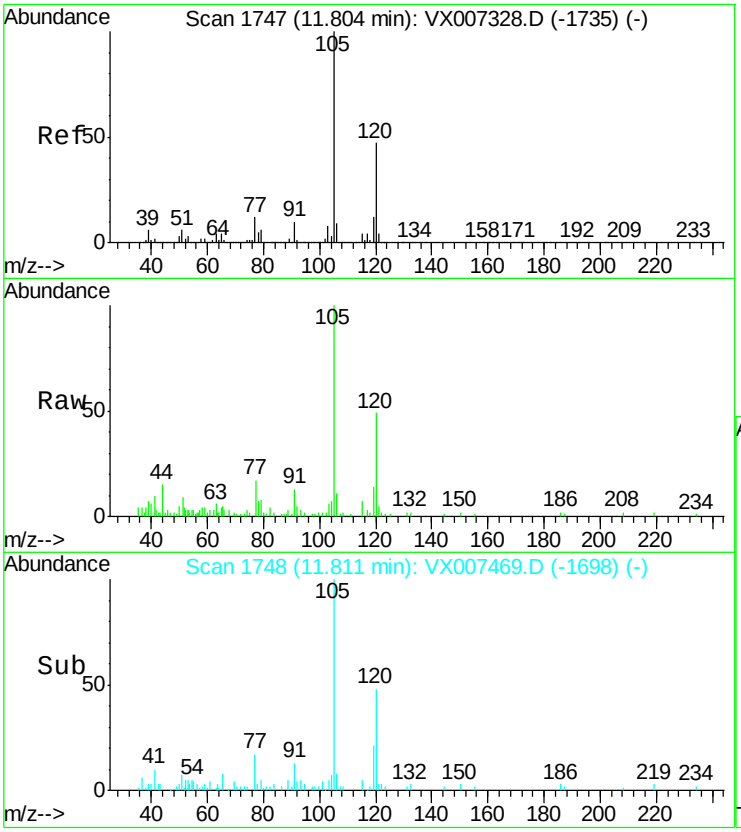


#81
trans-1,4-Dichloro-2-butene
Concen: 68.156 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion: 75 Resp: 174462

Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.0	121.6#
89	0.0	41.4	62.0#



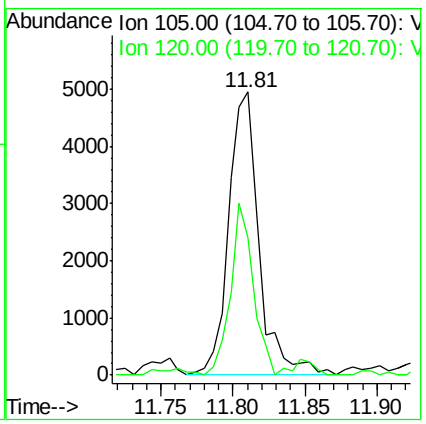


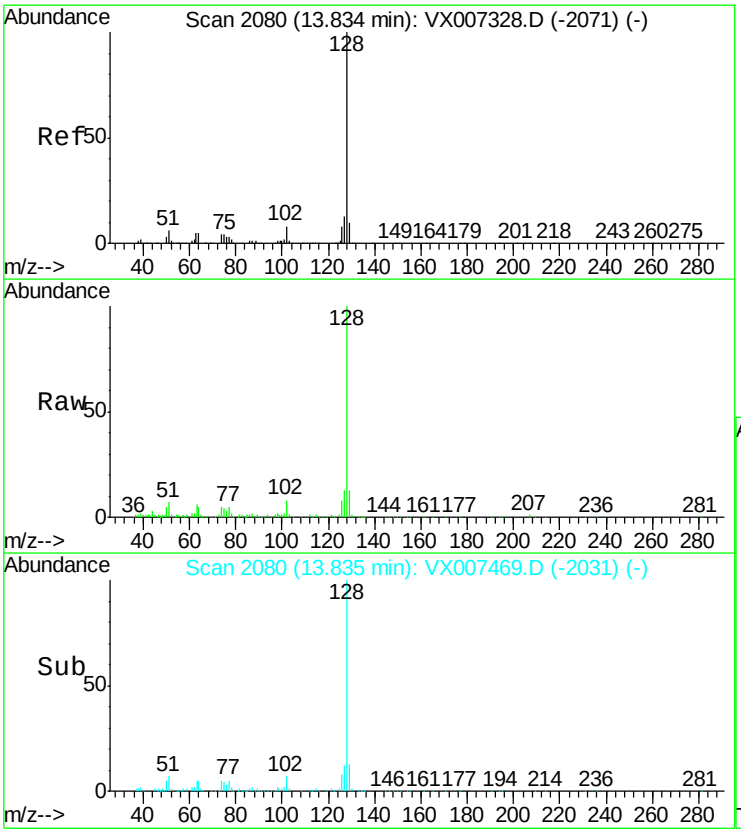
#84
1,2,4-Trimethylbenzene
Concen: 0.328 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-0502-190207

Tgt Ion:105 Resp: 7359

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





#95
Naphthalene
Concen: 1.300 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007469.D
Acq: 11 Feb 2019 15:46

Tgt Ion:128 Resp: 34799

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	12.4	8.7	13.1