Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012104.D
Acq On : 05 Sep 2019 16:42
Operator : SY/SP
Sample : K4545-01RE
Misc : 5.64g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(0)RE

Quant Time: Sep 06 05:43:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	129175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	225347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	161710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	39404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	89647	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
35) Dibromofluoromethane	5.48	113	68030	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
50) Toluene-d8	8.71	98	244395	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.12%			
62) 4-Bromofluorobenzene	11.14	95	72436	30.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.26%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	878	1.425	ug/l	92
10) Methyl Iodide	2.49	142	29	7.007	ug/l #	31
11) Tert butyl alcohol	3.03	59	2723	15.906	ug/l #	85
13) Acrolein	2.28	56	291	Below Cal	#	12
14) Allyl chloride	2.76	41	2665	1.158	ug/l #	79
16) Acetone	2.43	43	47743	112.067	ug/l	97
18) Methyl Acetate	2.75	43	4017	4.003	ug/l #	68
20) Methylene Chloride	2.84	84	7781	4.548	ug/l	91
25) 2-Butanone	4.67	43	4012	7.398	ug/l	98
29) Tetrahydrofuran	5.12	42	5069	15.514	ug/l #	89
36) 1,1-Dichloropropene	5.65	75	12232	6.163	ug/l #	49
38) Carbon Tetrachloride	5.65	117	15068	7.205	ug/l #	15
39) Methylcyclohexane	7.45	83	2750	1.194	ug/l	93
48) Methyl methacrylate	7.79	41	1177	1.067	ug/l #	56
74) N-amyl acetate	10.91	43	1152	1.348	ug/l #	33
76) 1,2,3-Trichloropropane	11.14	75	38072	79.077	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	38072	186.949	ug/l #	10
95) Naphthalene	13.84	128	2805	1.560	ug/l #	82

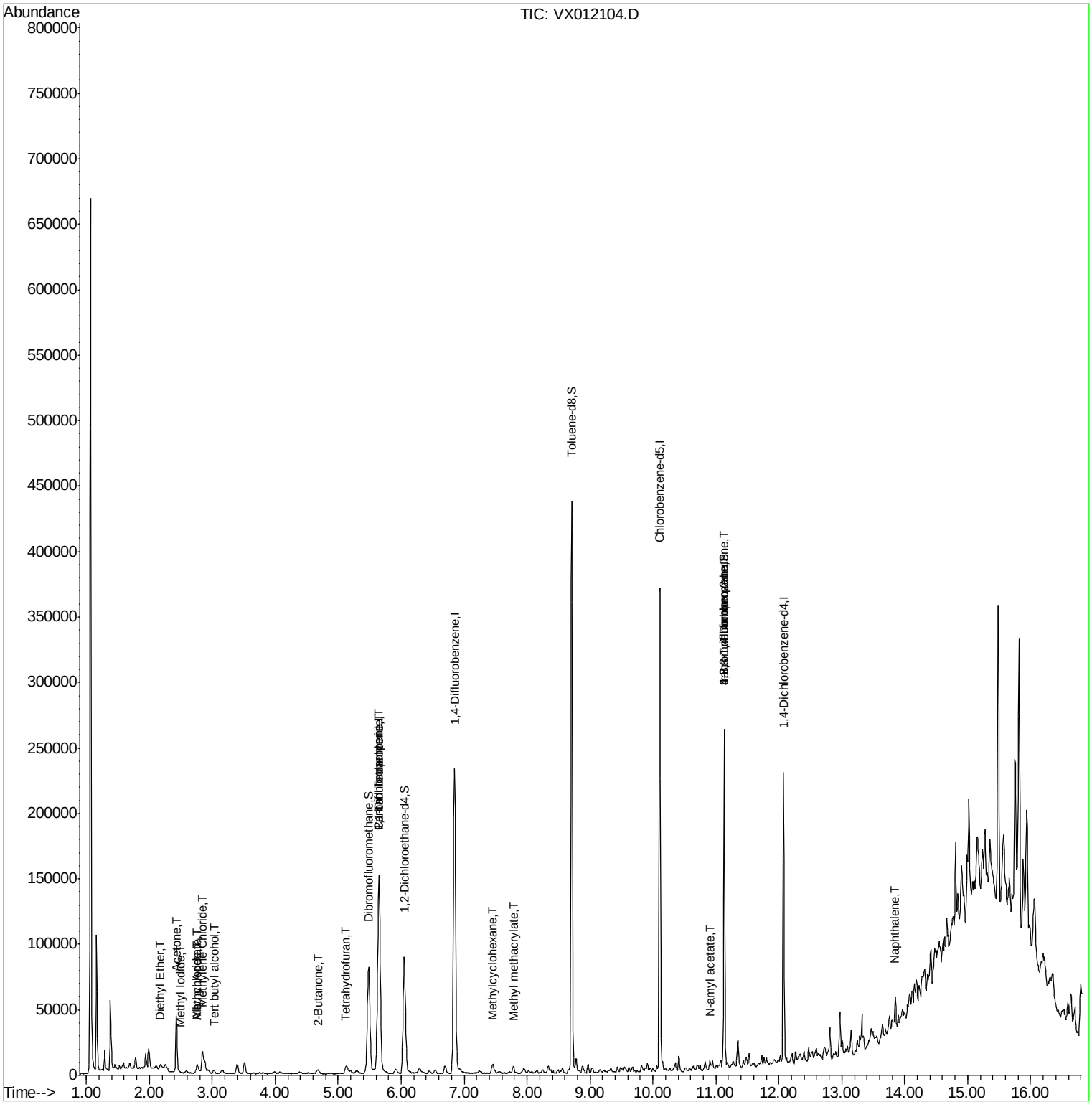
(#) = qualifier out of range (m) = manual integration (+) = signals summed

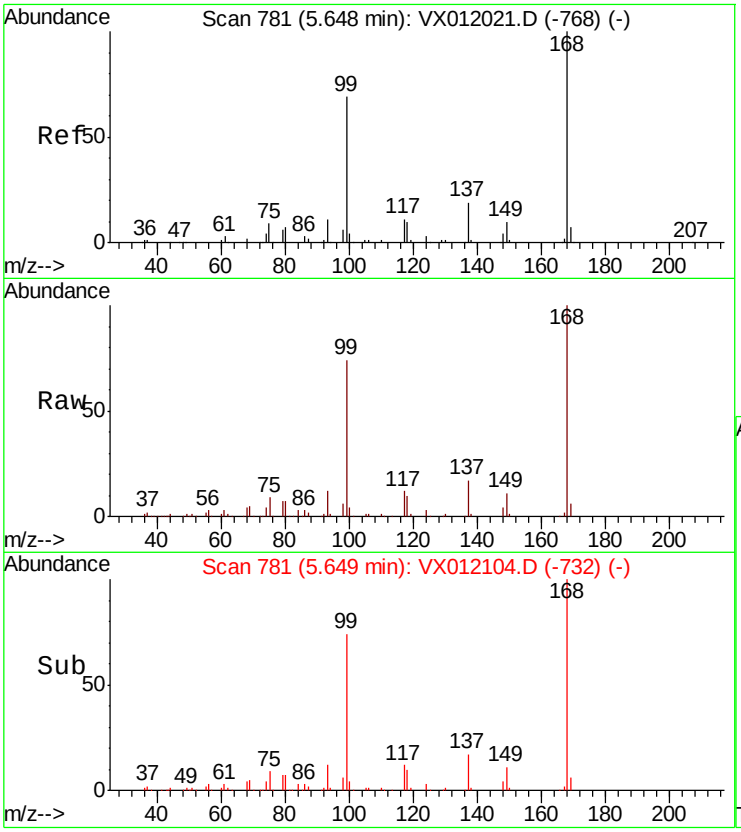
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012104.D
Acq On : 05 Sep 2019 16:42
Operator : SY/SP
Sample : K4545-01RE
Misc : 5.64g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Quant Time: Sep 06 05:43:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration



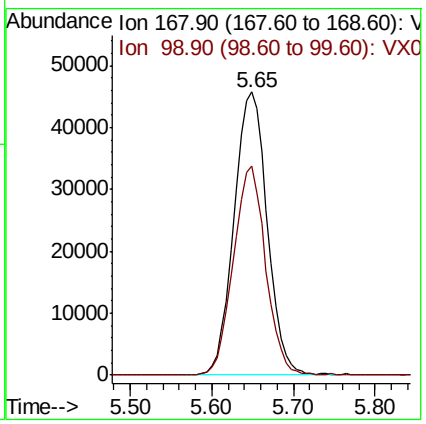


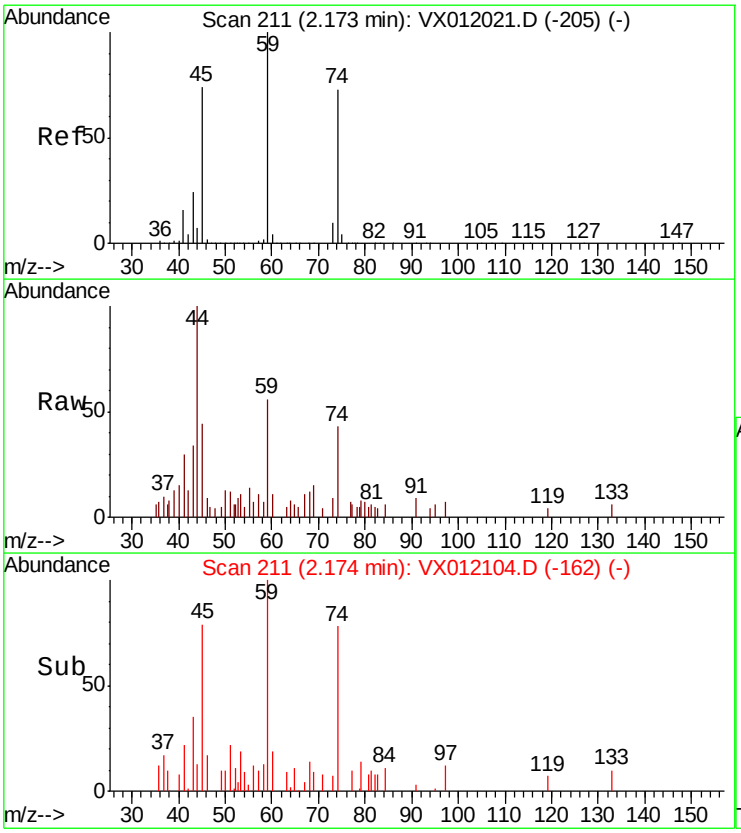
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion:168 Resp: 129175

Ion	Ratio	Lower	Upper
168	100		
99	73.9	37.6	56.4#

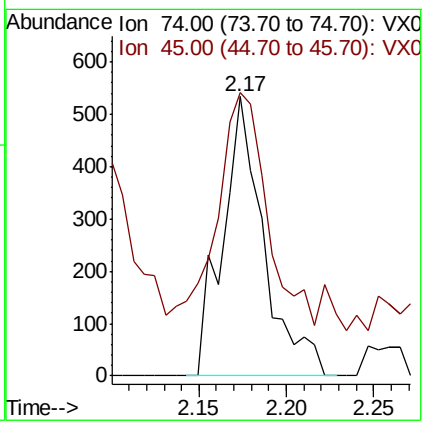


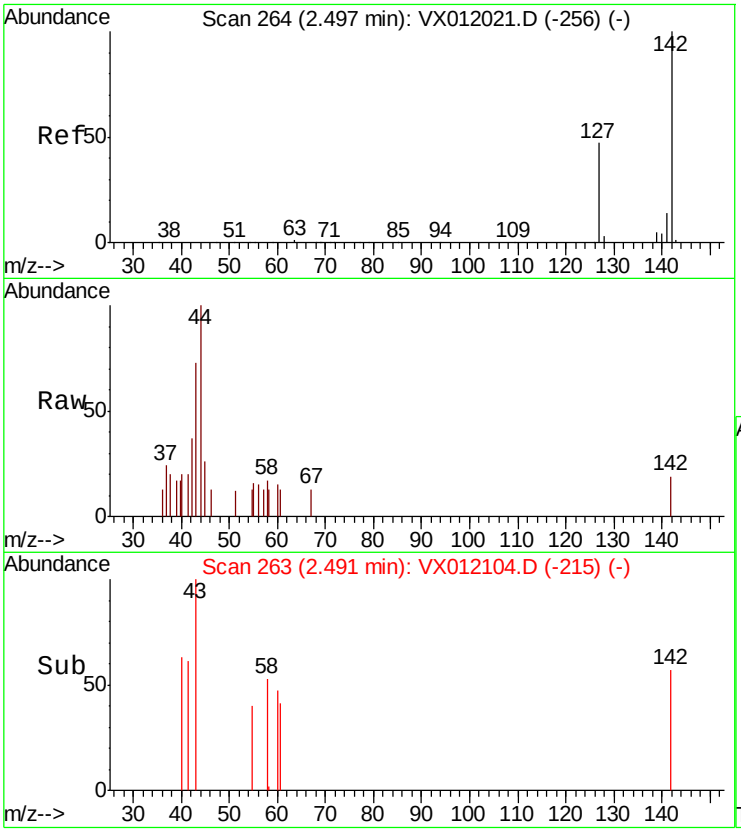


#8
Diethyl Ether
Concen: 1.425 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 74 Resp: 878

Ion	Ratio	Lower	Upper
74	100		
45	99.1	45.9	137.6



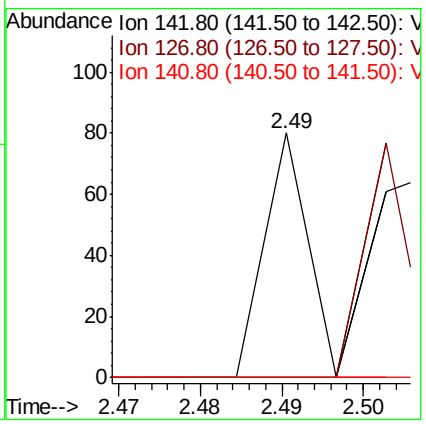


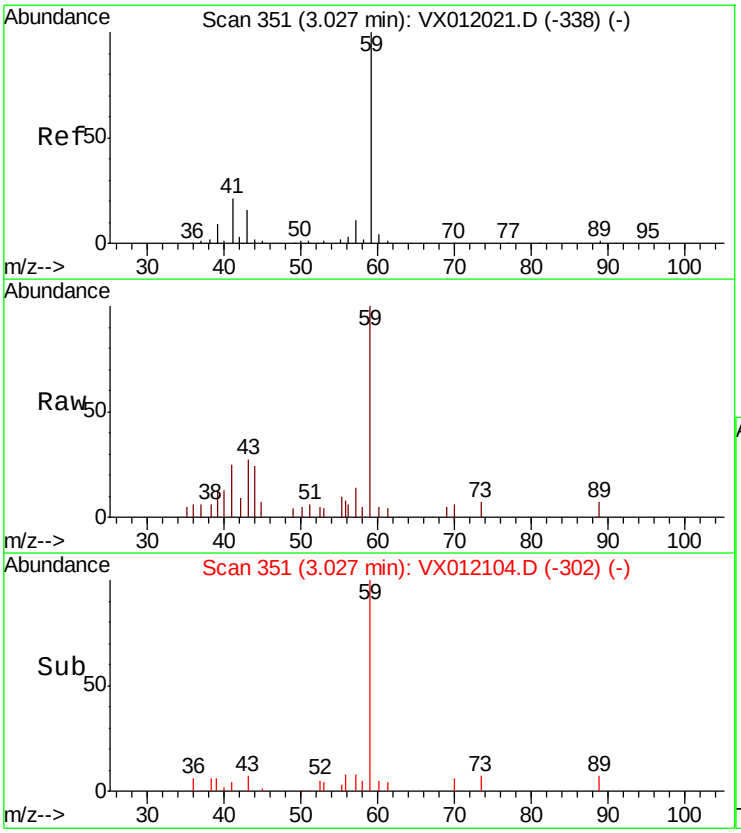
#10
Methyl Iodide
Concen: 7.007 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(0)RE

Tgt Ion:142 Resp: 29

Ion	Ratio	Lower	Upper
142	100		
127	96.6	35.4	53.2#
141	0.0	11.4	17.2#

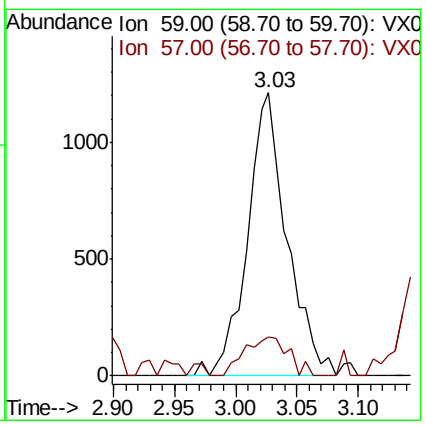


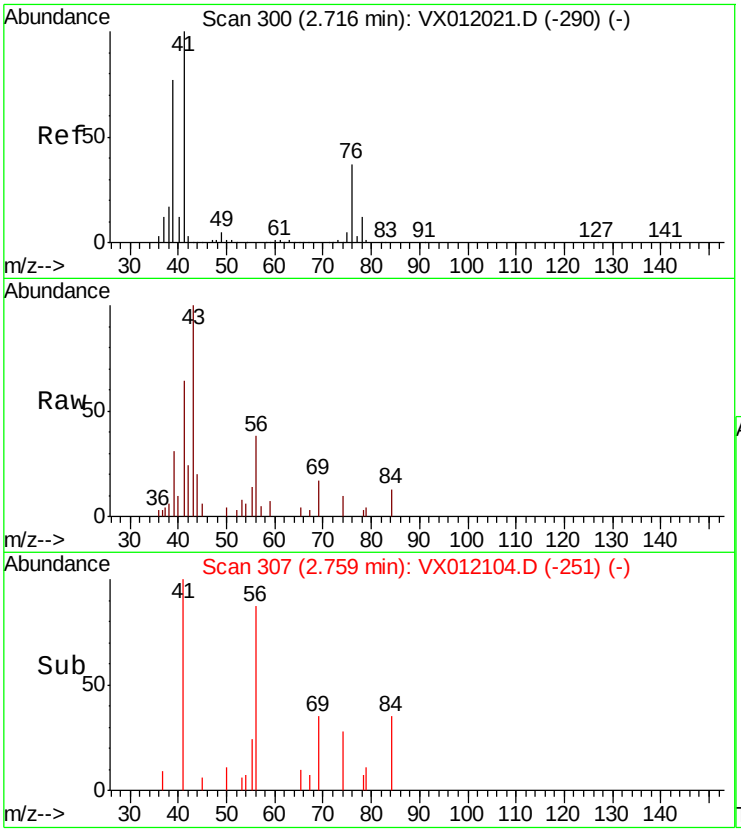


#11
Tert butyl alcohol
Concen: 15.906 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 59 Resp: 2723

Ion	Ratio	Lower	Upper
59	100		
57	15.3	7.9	11.9#



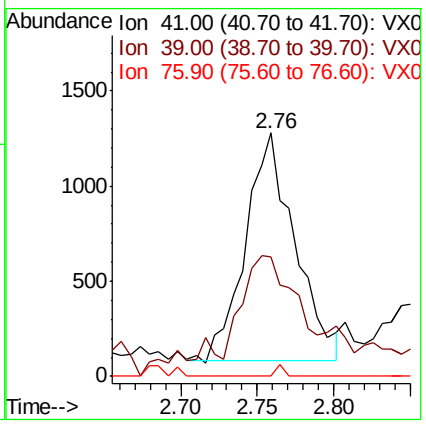


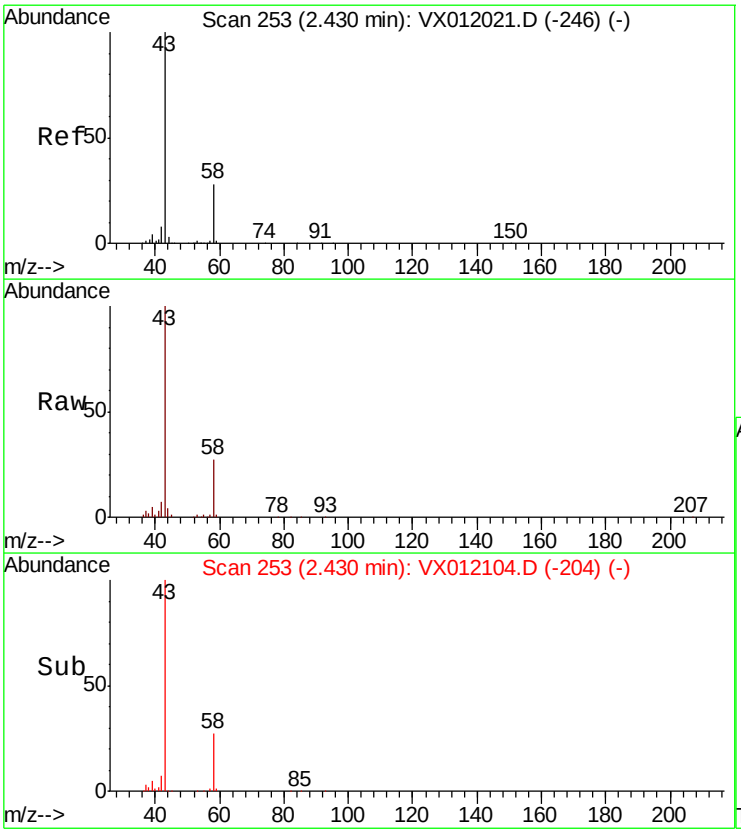
#14
Allyl chloride
Concen: 1.158 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.04 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(0)RE

Tgt Ion: 41 Resp: 2665

Ion	Ratio	Lower	Upper
41	100		
39	73.1	57.9	86.9
76	0.0	28.5	42.7#

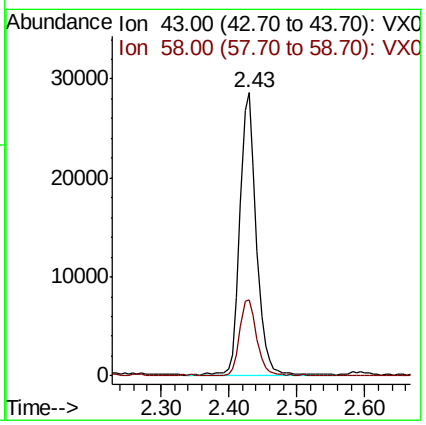


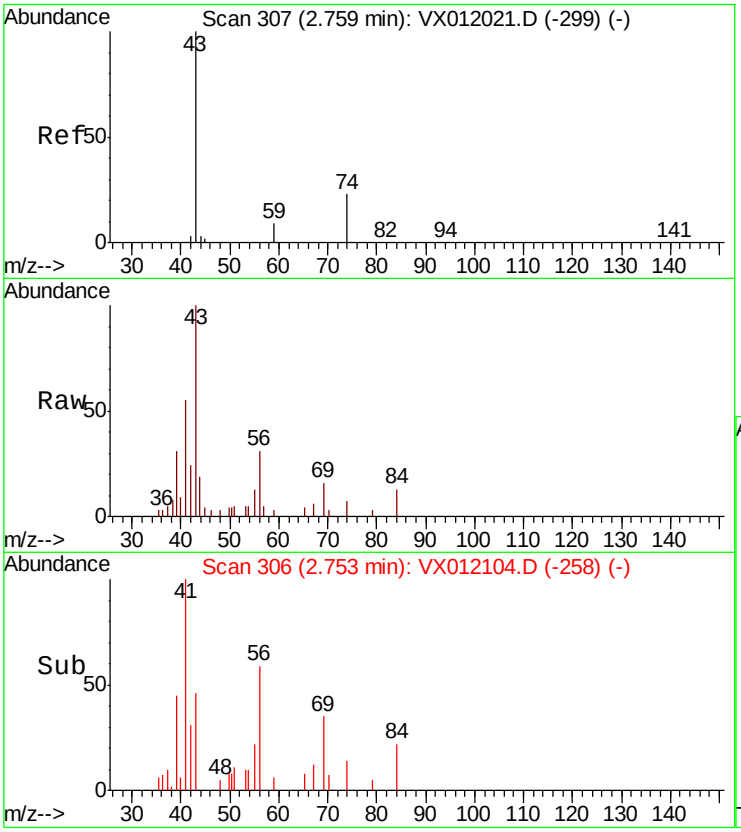


#16
Acetone
Concen: 112.067 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 43 Resp: 47743

Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.8	34.2



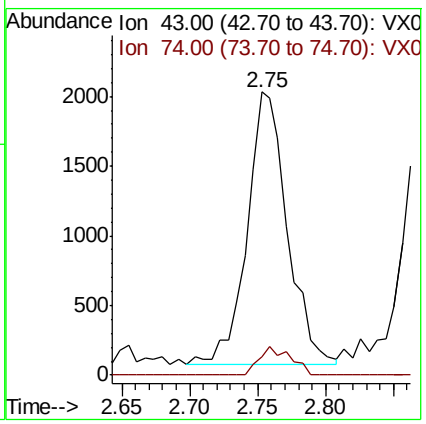


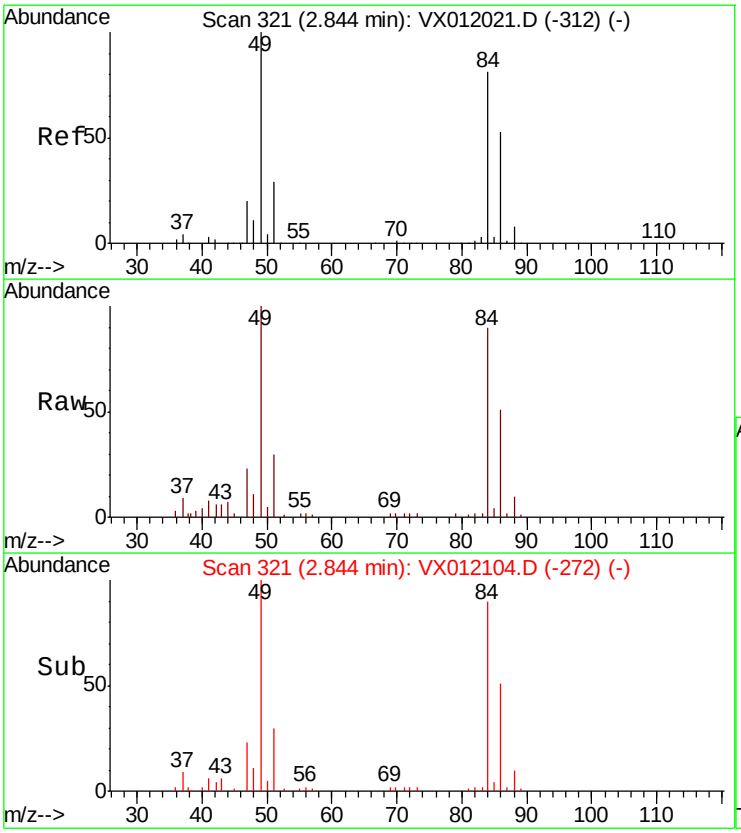
#18
Methyl Acetate
Concen: 4.003 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.01 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(0)RE

Tgt Ion: 43 Resp: 4017

Ion	Ratio	Lower	Upper
43	100		
74	8.3	19.5	29.3#

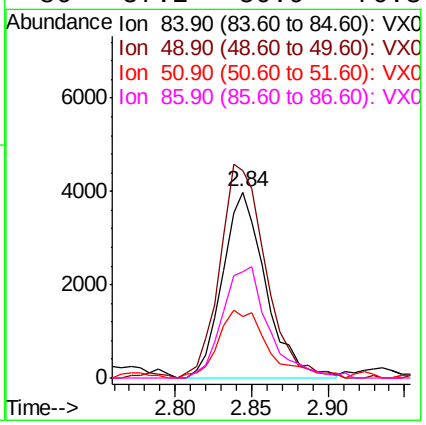


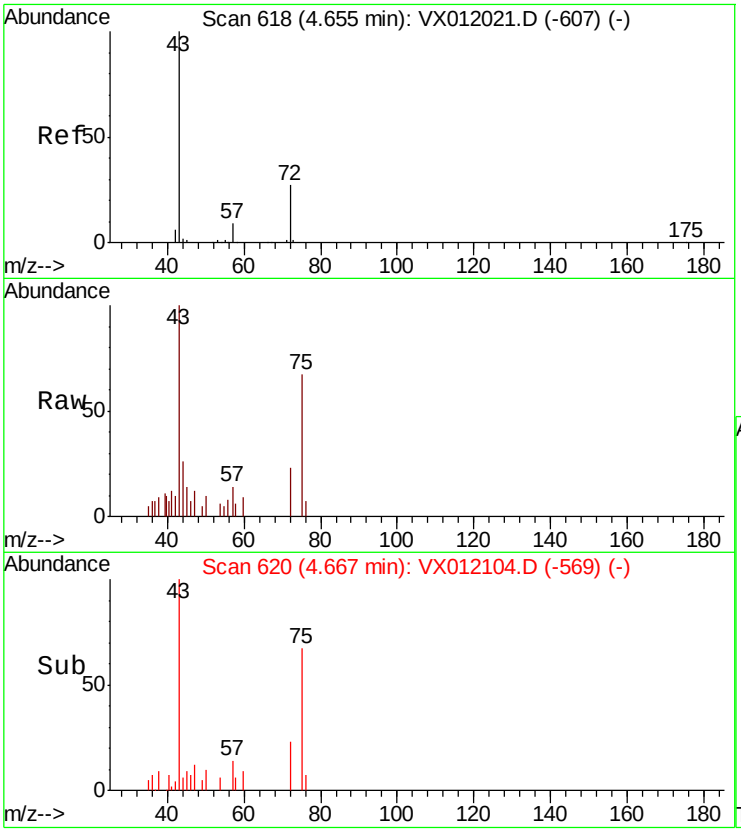


#20
Methylene Chloride
Concen: 4.548 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 84 Resp: 7781

Ion	Ratio	Lower	Upper
84	100		
49	109.2	95.8	143.8
51	31.3	28.6	43.0
86	57.2	50.9	76.3



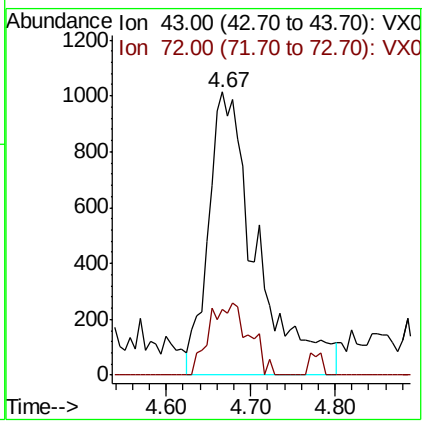


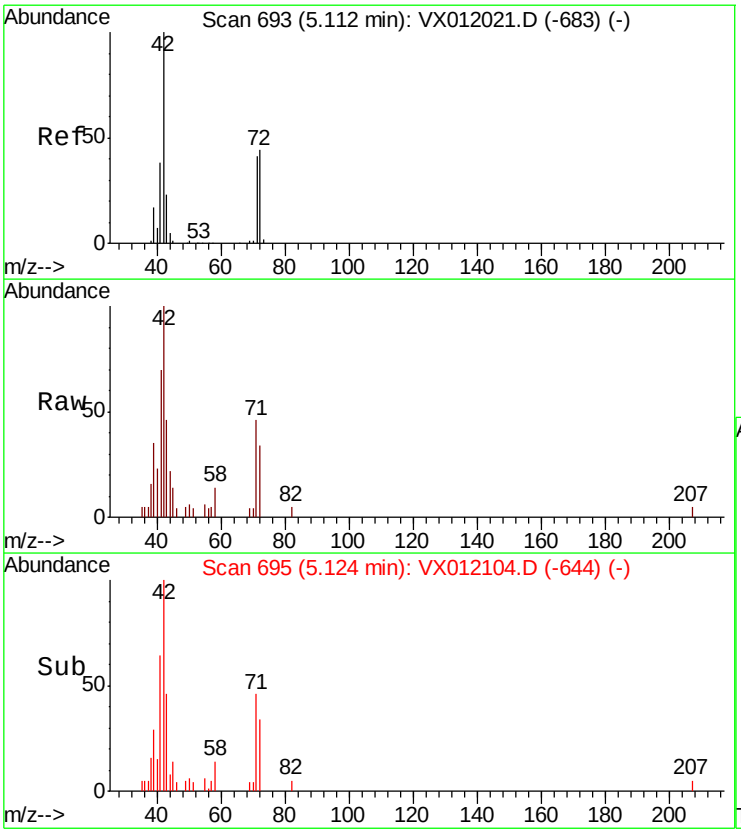
#25
2-Butanone
Concen: 7.398 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion: 43 Resp: 4012

Ion	Ratio	Lower	Upper
43	100		
72	25.3	21.3	31.9

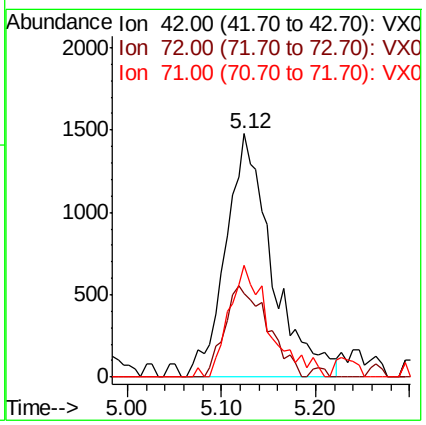


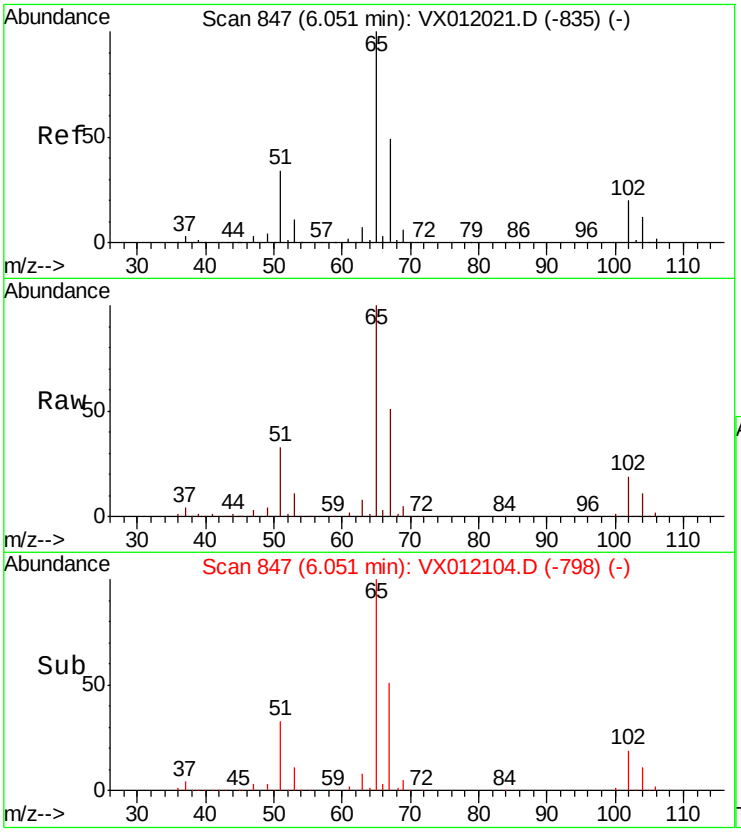


#29
Tetrahydrofuran
Concen: 15.514 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 42 Resp: 5069

Ion	Ratio	Lower	Upper
42	100		
72	35.0	37.0	55.4#
71	39.7	33.8	50.8



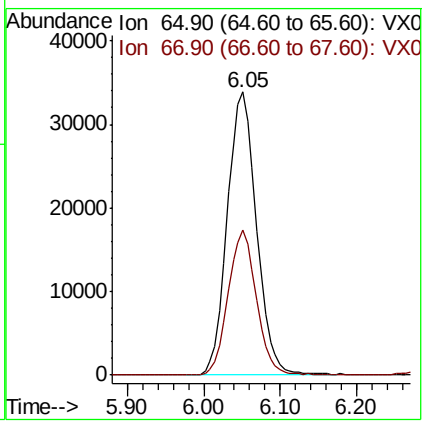


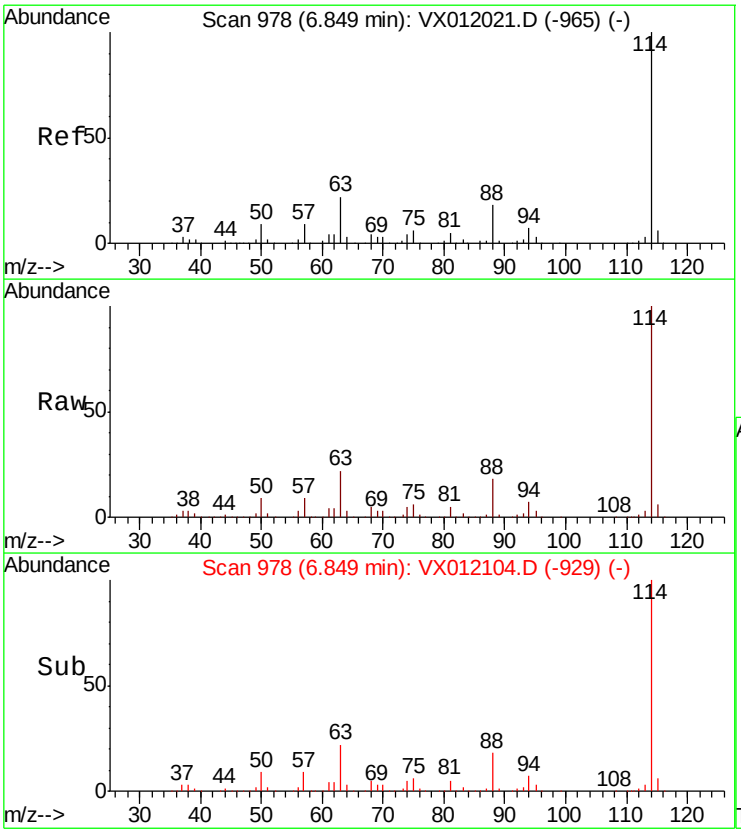
#33
1,2-Dichloroethane-d4
Concen: 50.297 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion: 65 Resp: 89647

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.0

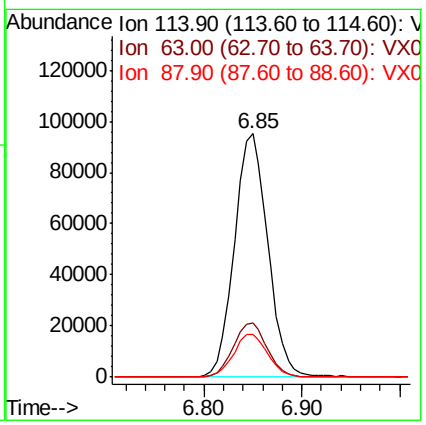


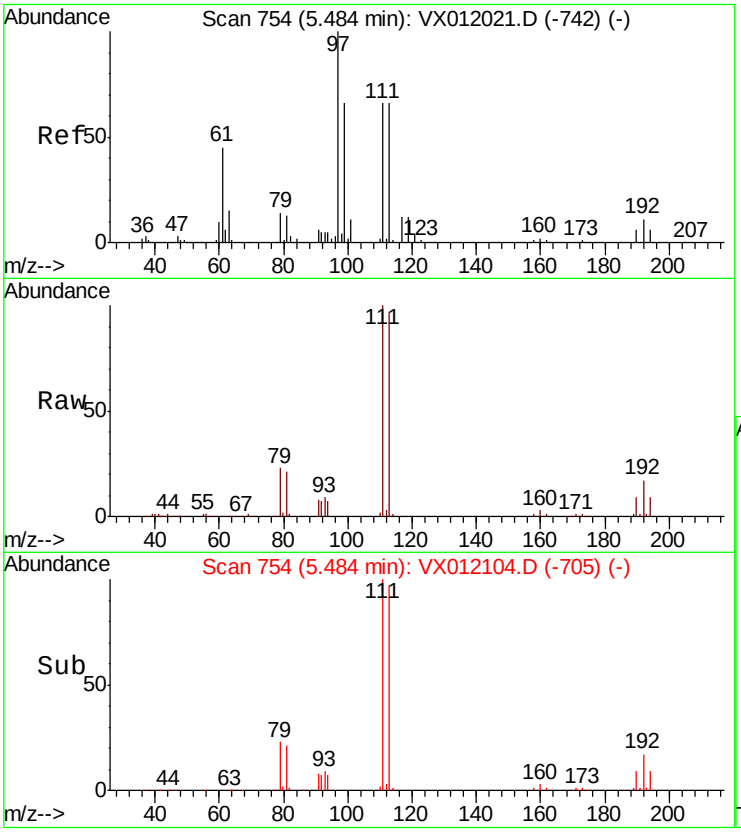


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion:114 Resp: 225347

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	37.4
88	17.6	0.0	29.6



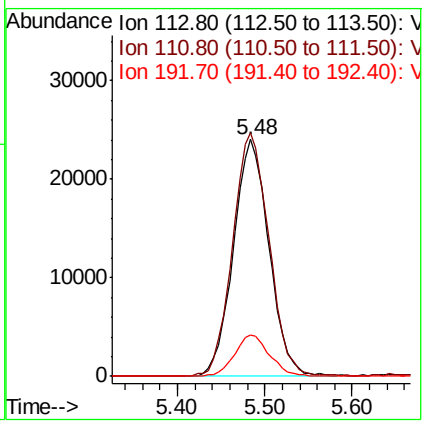


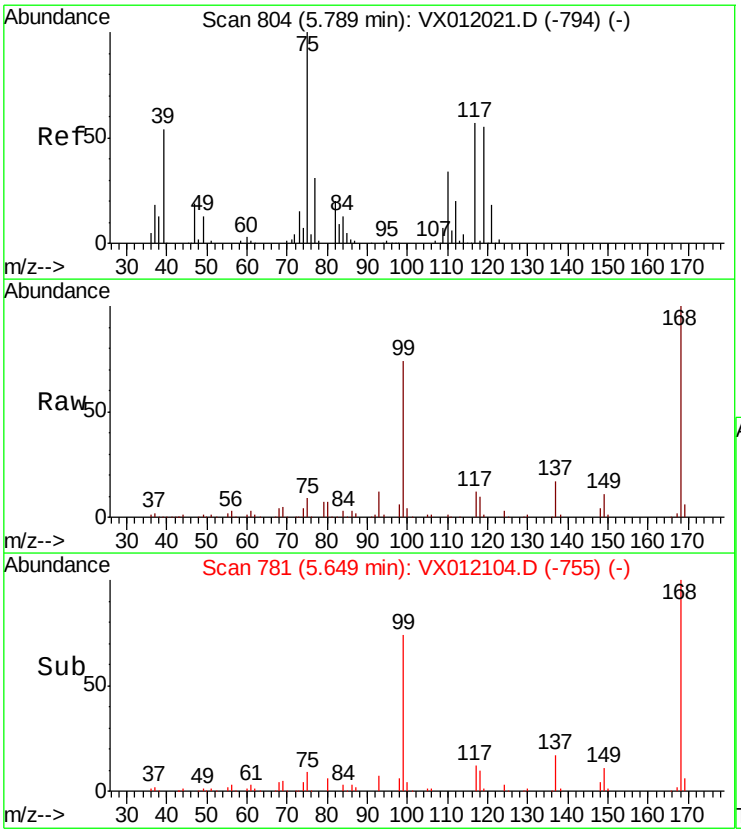
#35
Dibromofluoromethane
Concen: 49.090 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion:113 Resp: 68030

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.7	122.5
192	17.1	22.5	33.7#

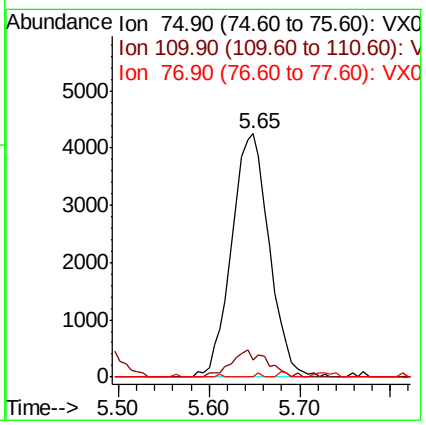


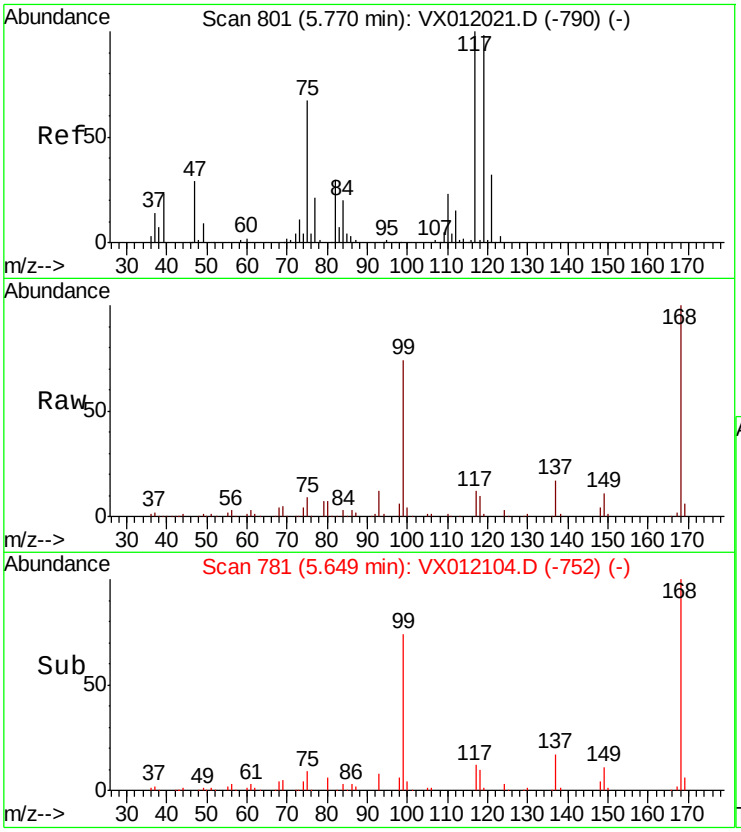


#36
1,1-Dichloropropene
Concen: 6.163 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 75 Resp: 12232

Ion	Ratio	Lower	Upper
75	100		
110	10.6	19.5	58.5#
77	0.2	24.6	37.0#



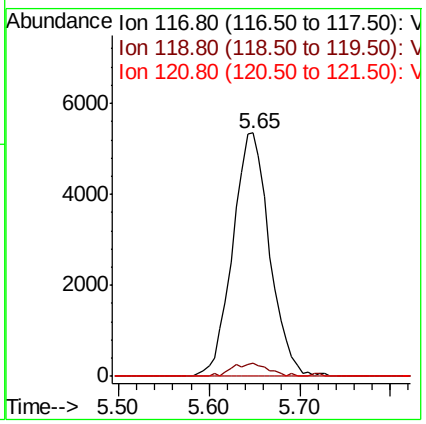


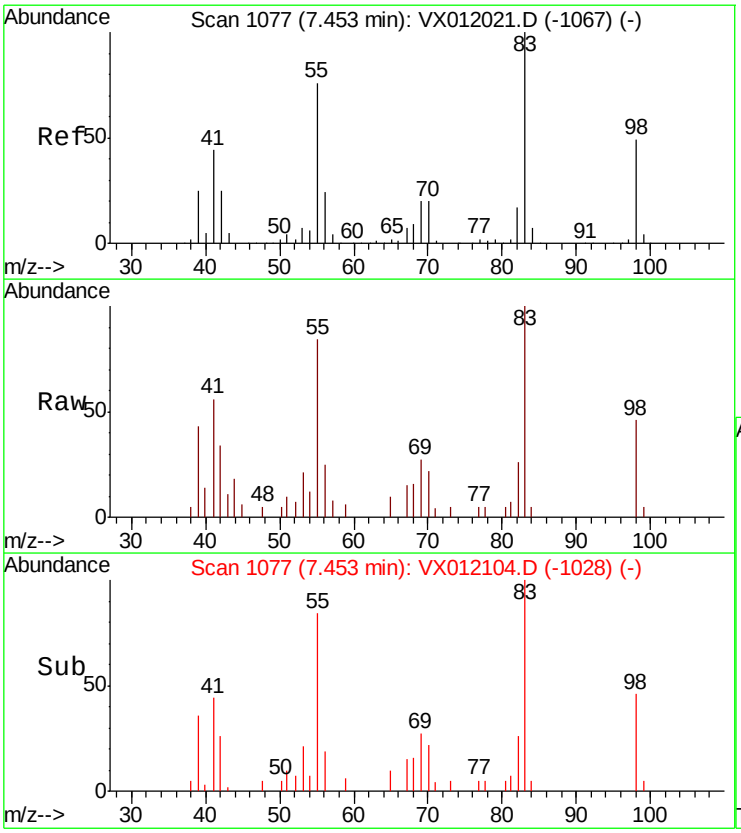
#38
Carbon Tetrachloride
Concen: 7.205 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(0)RE

Tgt Ion:117 Resp: 15068

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.3	117.5#
121	0.0	24.2	36.2#

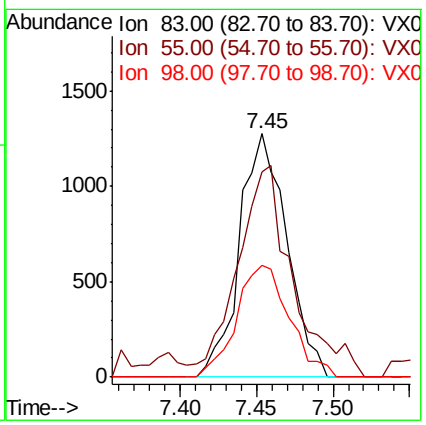


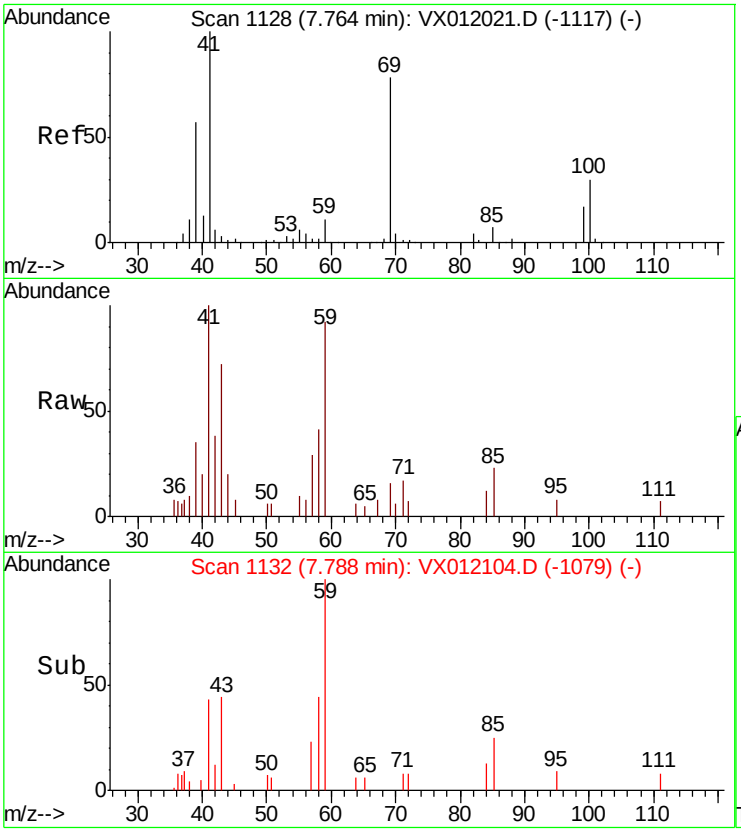


#39
Methylcyclohexane
Concen: 1.194 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 83 Resp: 2750

Ion	Ratio	Lower	Upper
83	100		
55	79.4	59.6	89.4
98	45.7	41.4	62.0



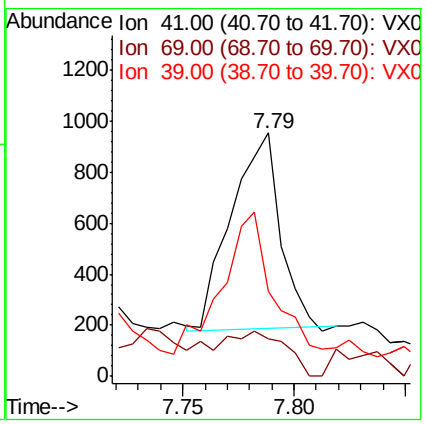


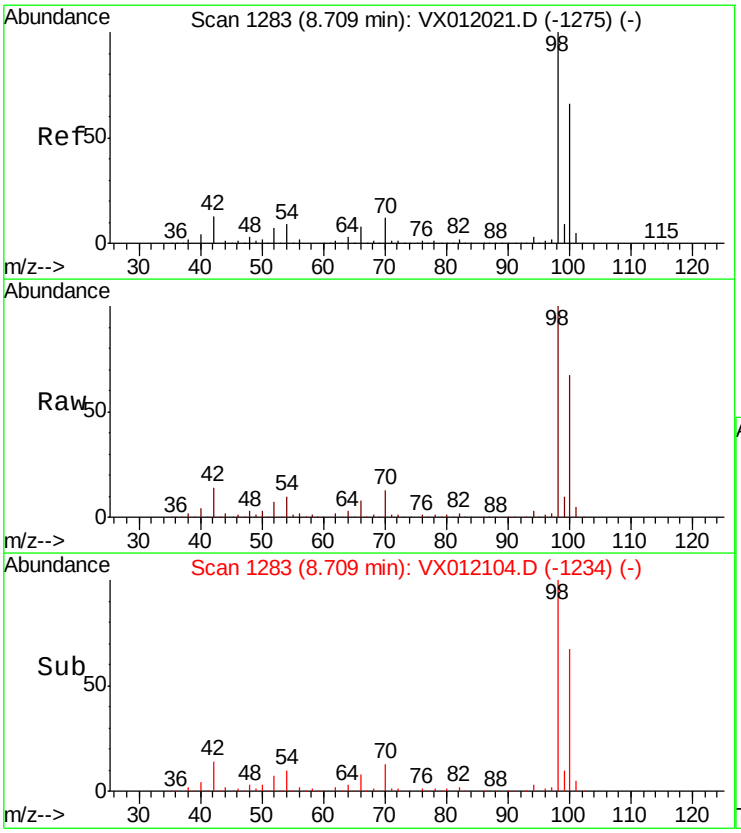
#48
Methyl methacrylate
Concen: 1.067 ug/l
RT: 7.79 min Scan# 1132
Delta R.T. 0.02 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion: 41 Resp: 1177

Ion	Ratio	Lower	Upper
41	100		
69	26.7	66.3	99.5#
39	73.6	48.1	72.1#

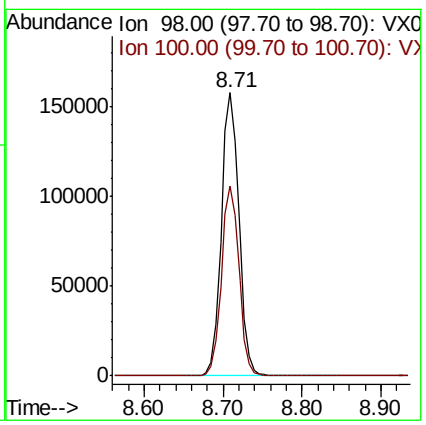


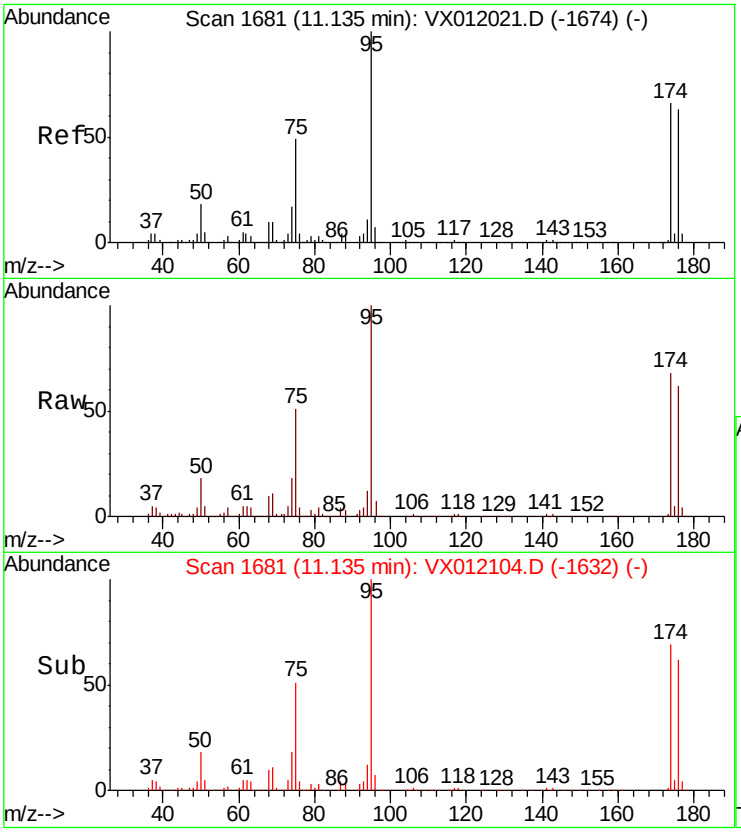


#50
Toluene-d8
Concen: 48.059 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 98 Resp: 244395

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9



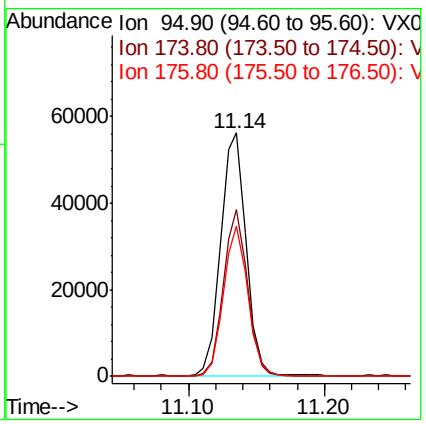


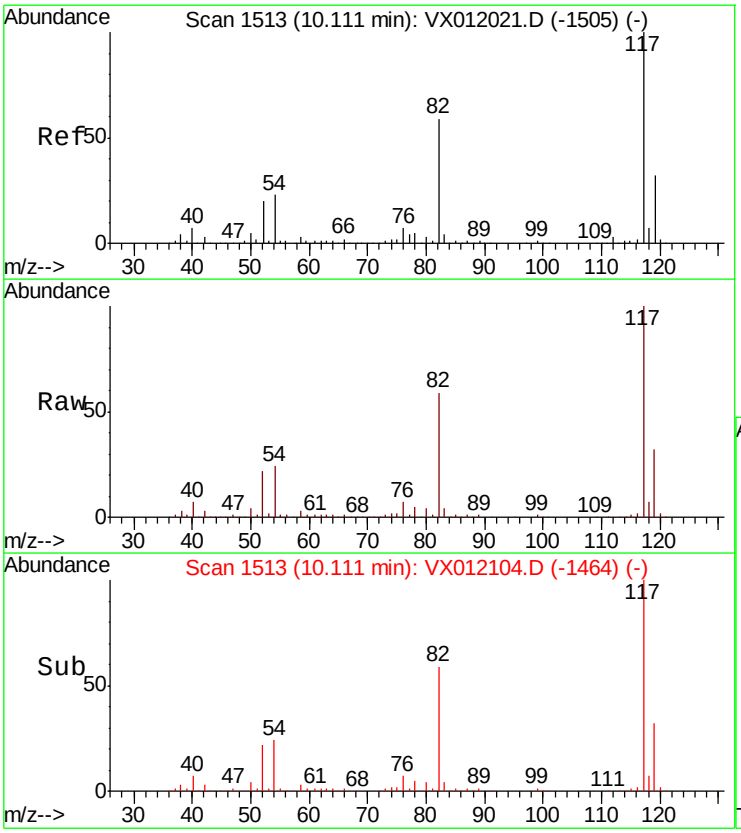
#62
4-Bromofluorobenzene
Concen: 30.629 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion: 95 Resp: 72436

Ion	Ratio	Lower	Upper
95	100		
174	65.1	0.0	205.4
176	59.9	0.0	201.8

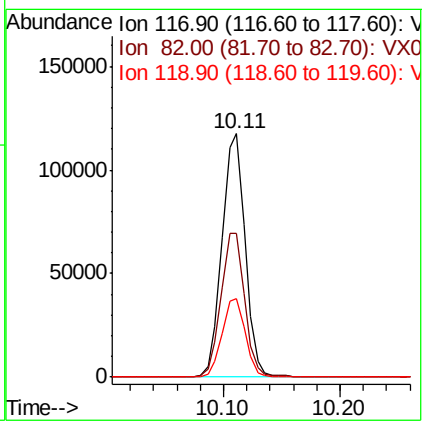


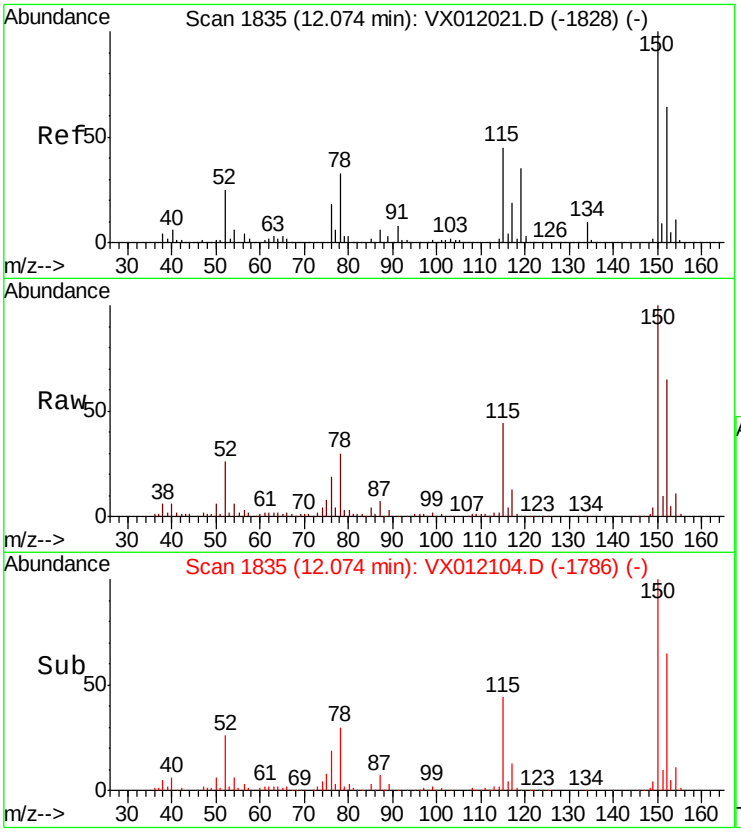


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion:117 Resp: 161710

Ion	Ratio	Lower	Upper
117	100		
82	59.1	39.4	59.0#
119	32.3	26.1	39.1



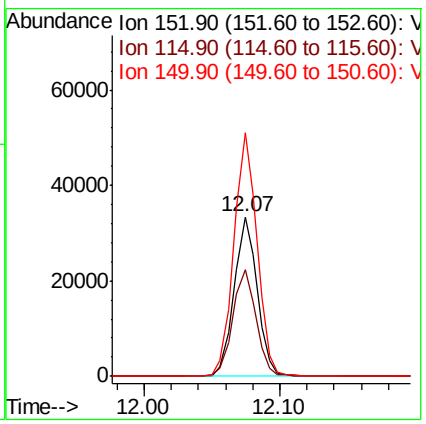


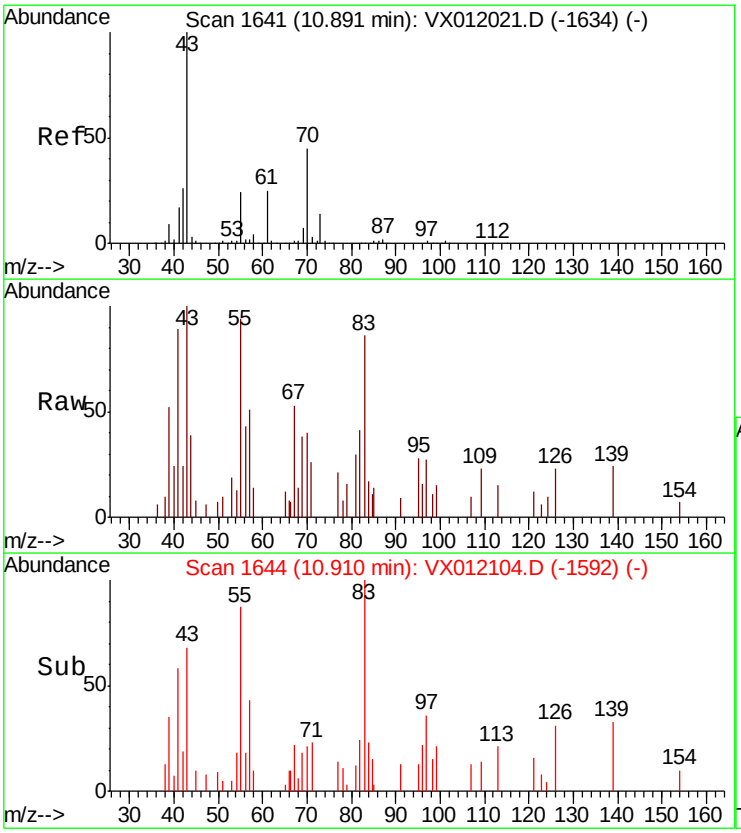
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion:152 Resp: 39404

Ion	Ratio	Lower	Upper
152	100		
115	68.1	36.4	109.3
150	153.0	0.0	341.2

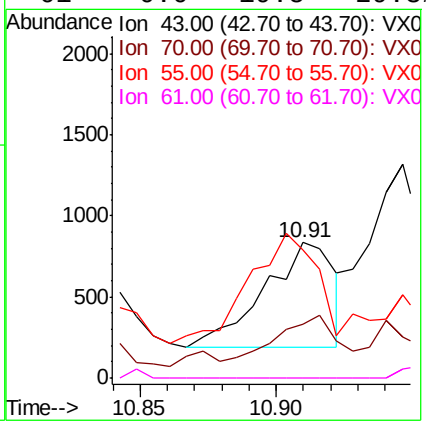


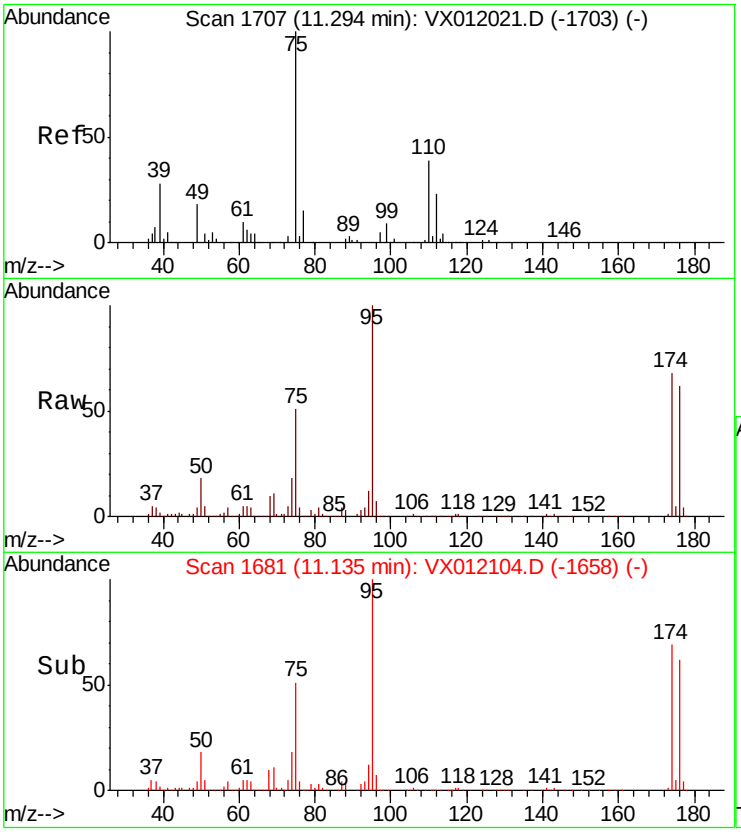


#74
N-amyl acetate
Concen: 1.348 ug/l
RT: 10.91 min Scan# 1644
Delta R.T. 0.02 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 43 Resp: 1152

Ion	Ratio	Lower	Upper
43	100		
70	36.3	34.4	51.6
55	115.0	18.5	27.7#
61	0.0	19.5	29.3#



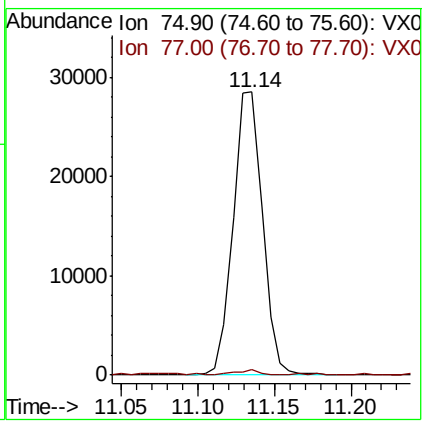


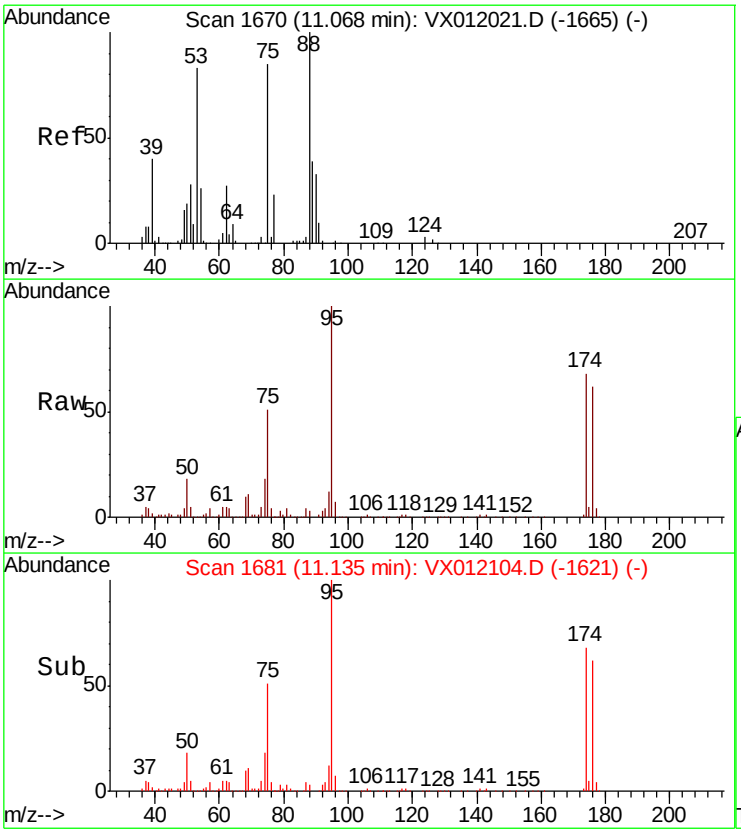
#76
1,2,3-Trichloropropane
Concen: 79.077 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion: 75 Resp: 38072

Ion	Ratio	Lower	Upper
75	100		
77	1.2	23.5	70.5#

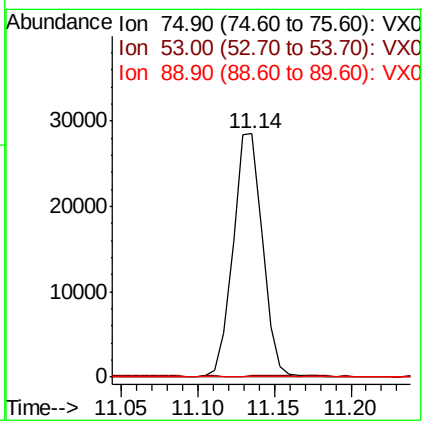


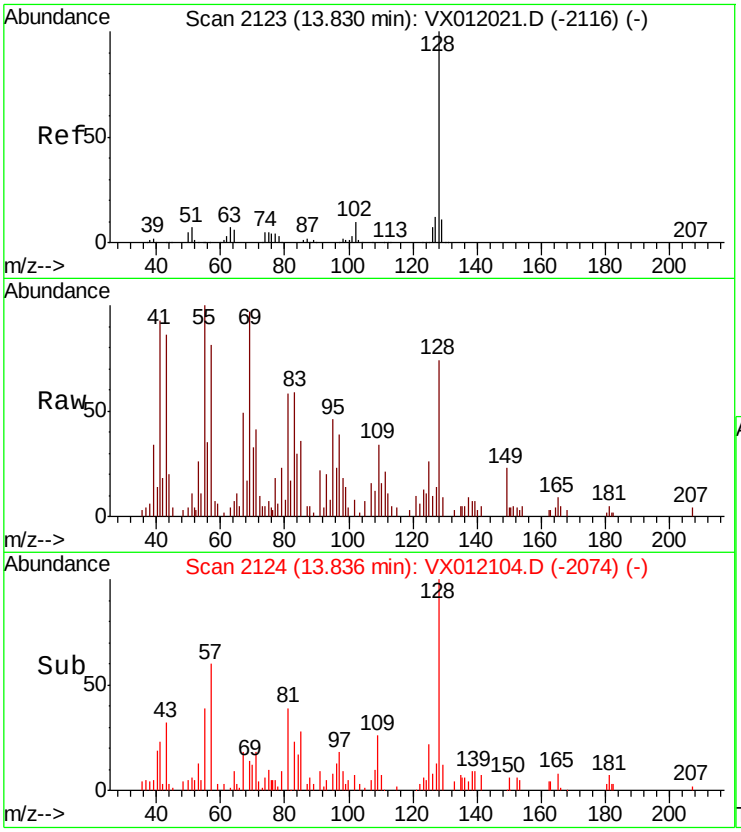


#81
trans-1,4-Dichloro-2-butene
Concen: 186.949 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Tgt Ion: 75 Resp: 38072

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.6	117.8#
89	0.0	38.8	58.2#





#95
Naphthalene
Concen: 1.560 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX012104.D
Acq: 05 Sep 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)RE

Tgt Ion:128 Resp: 2805

Ion	Ratio	Lower	Upper
128	100		
127	25.0	10.5	15.7#
129	12.3	8.8	13.2