Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052019\
Data File : VX009737.D
Acq On : 20 May 2019 19:34
Operator : JC/SP
Sample : K2910-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S73-0235

Quant Time: May 21 07:43:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118442	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
35) Dibromofluoromethane	5.50	113	86584	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.08%			
50) Toluene-d8	8.71	98	356296	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.96%			
62) 4-Bromofluorobenzene	11.13	95	119764	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.48%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1353	0.611	ug/l #	77
4) Vinyl Chloride	1.41	62	37385	17.314	ug/l	99
5) Bromomethane	1.65	94	272	0.210	ug/l #	69
6) Chloroethane	1.92	64	541	0.390	ug/l #	46
10) Methyl Iodide	2.51	142	64	4.624	ug/l #	42
11) Tert butyl alcohol	3.04	59	892	1.604	ug/l #	86
13) Acrolein	2.29	56	125	0.248	ug/l #	14
16) Acetone	2.45	43	5258	4.076	ug/l	97
20) Methylene Chloride	2.86	84	602	0.288	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	1436	0.802	ug/l #	79
27) cis-1,2-Dichloroethene	4.60	96	22159	10.366	ug/l	89
28) Bromochloromethane	5.02	49	19	Below Cal	#	20
36) 1,1-Dichloropropene	5.66	75	13666	5.235	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16211	6.835	ug/l #	18
44) Trichloroethene	7.22	130	1139	0.583	ug/l	87
76) 1,2,3-Trichloropropane	11.13	75	61270	23.812	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61270	60.927	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.66	105	1775	0.260	ug/l	72
85) sec-Butylbenzene	11.94	105	9874	1.261	ug/l	81
86) p-Isopropyltoluene	12.23	119	3786	0.538	ug/l	93
89) n-Butylbenzene	12.39	91	2479	0.389	ug/l #	66

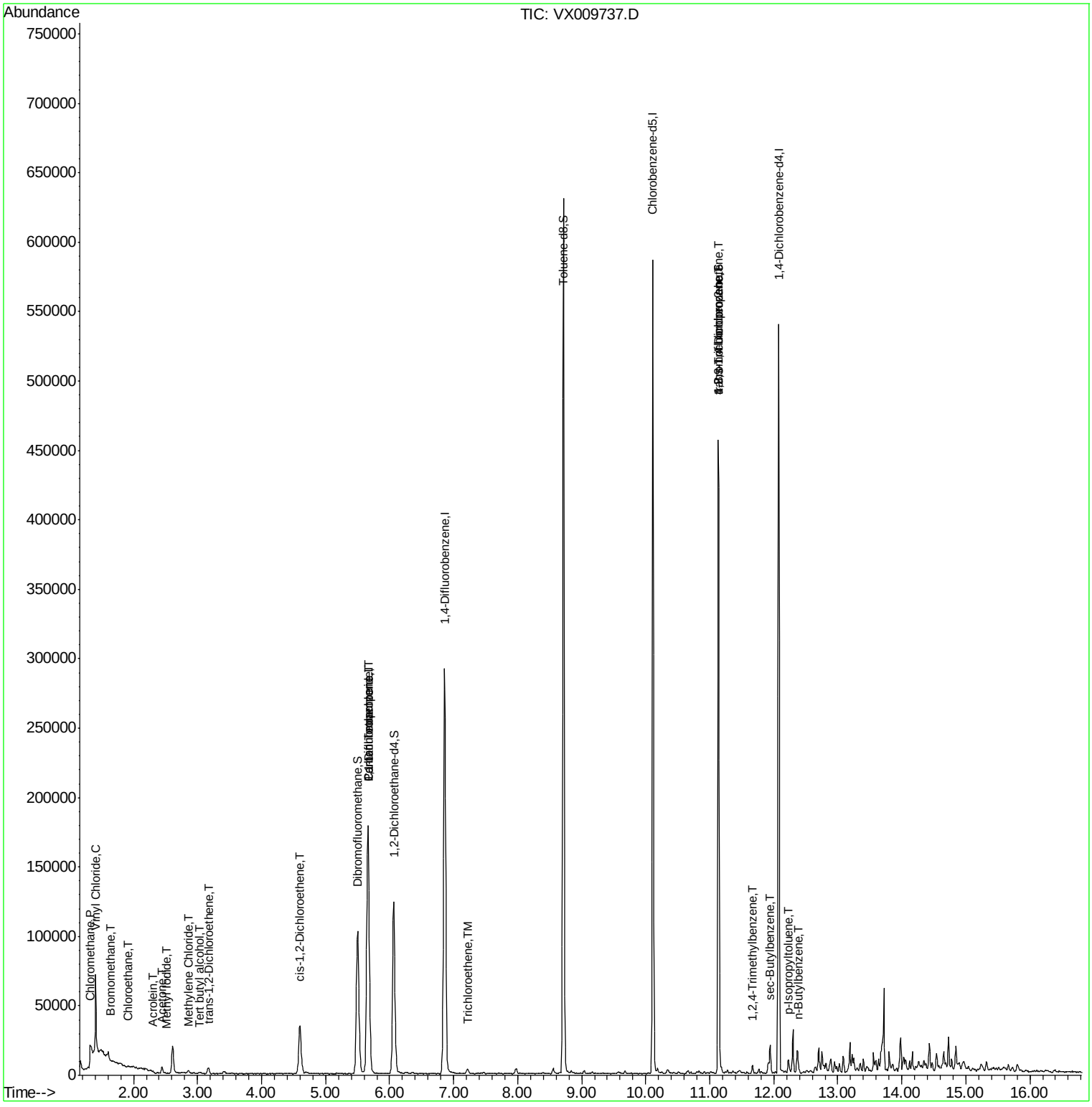
(#) = qualifier out of range (m) = manual integration (+) = signals summed

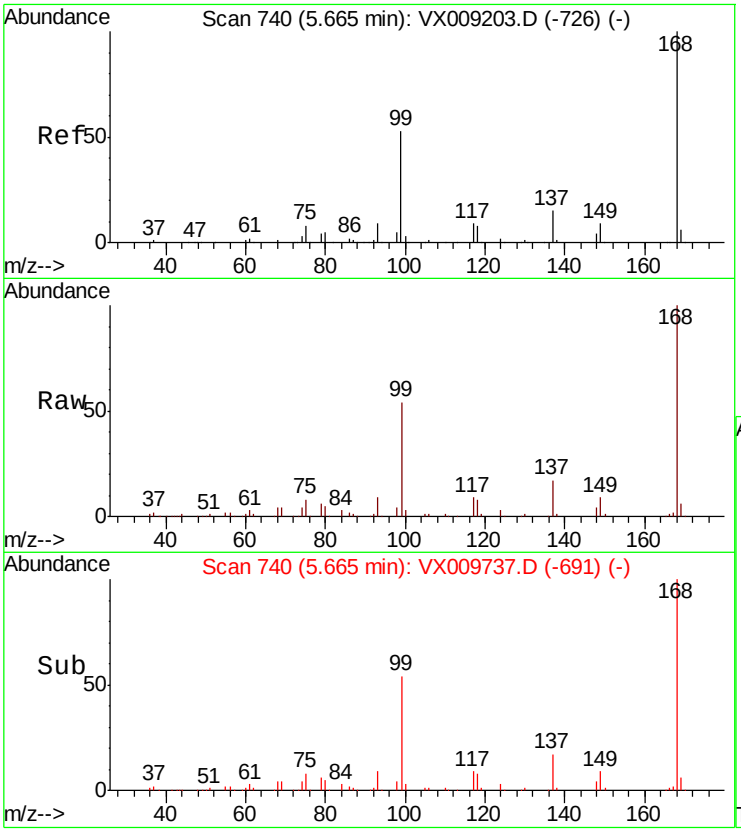
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052019\
Data File : VX009737.D
Acq On : 20 May 2019 19:34
Operator : JC/SP
Sample : K2910-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Quant Time: May 21 07:43:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



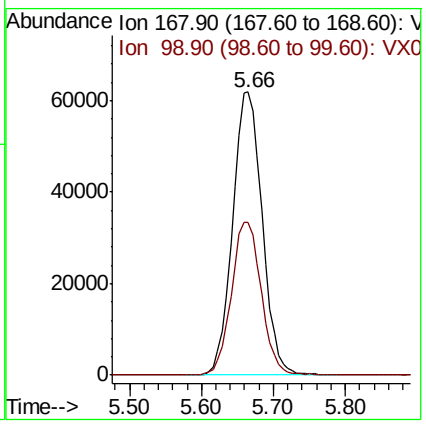


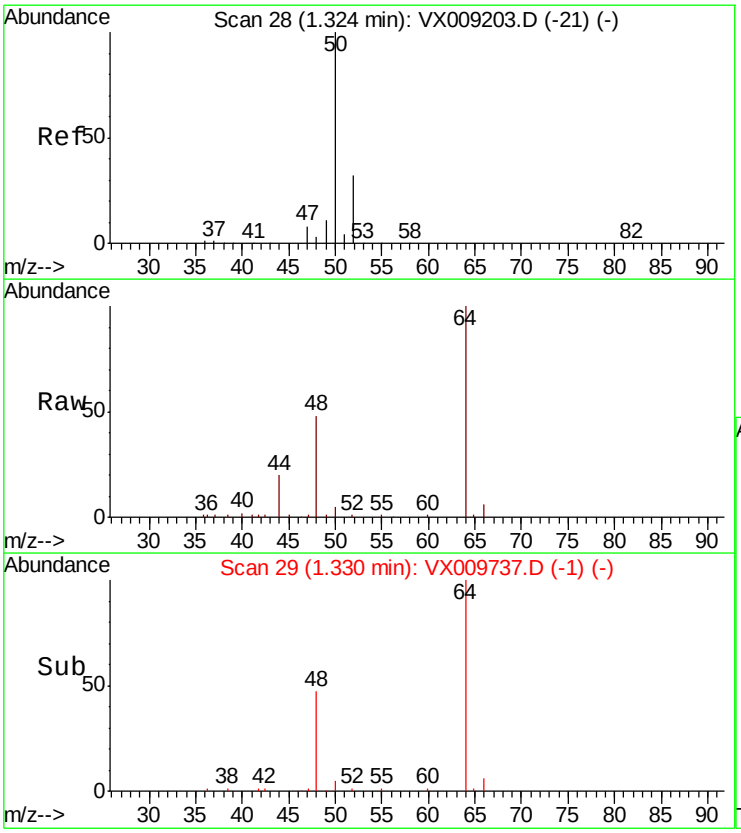
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Tgt Ion:168 Resp: 176004

Ion	Ratio	Lower	Upper
168	100		
99	54.1	42.3	63.5

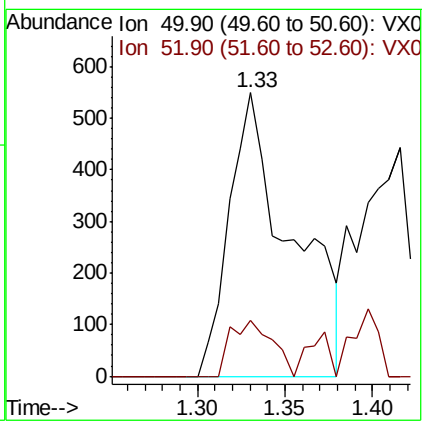


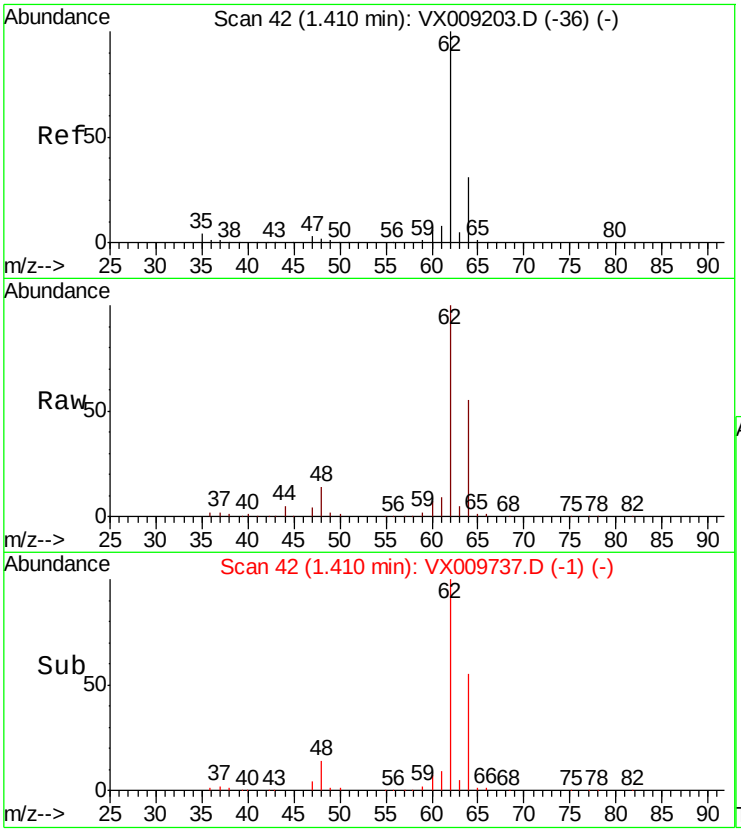


#3
Chloromethane
Concen: 0.611 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 50 Resp: 1353

Ion	Ratio	Lower	Upper
50	100		
52	19.7	25.9	38.9#



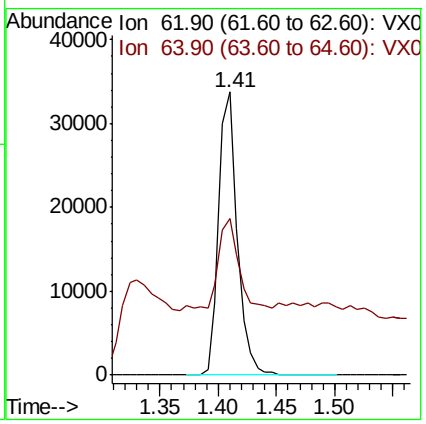


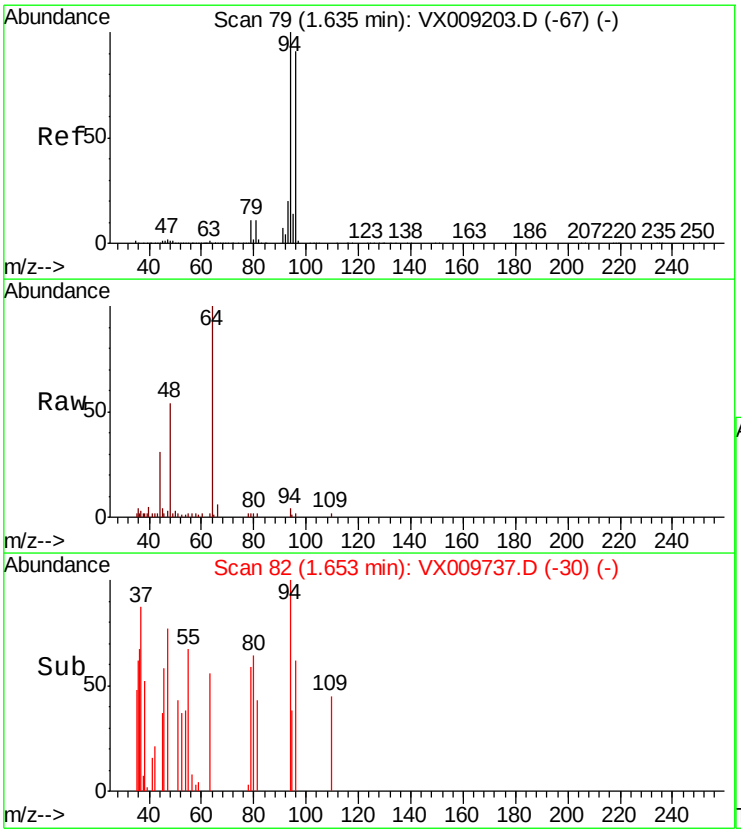
#4
Vinyl Chloride
Concen: 17.314 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Tgt Ion: 62 Resp: 37385

Ion	Ratio	Lower	Upper
62	100		
64	31.2	24.6	36.8

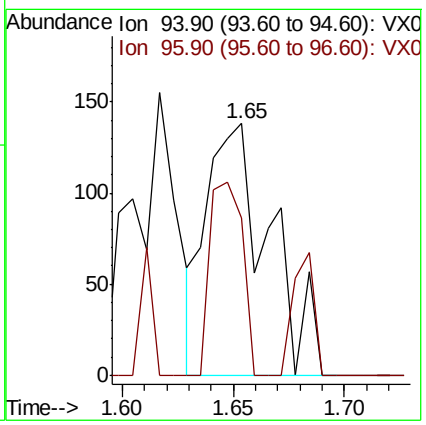


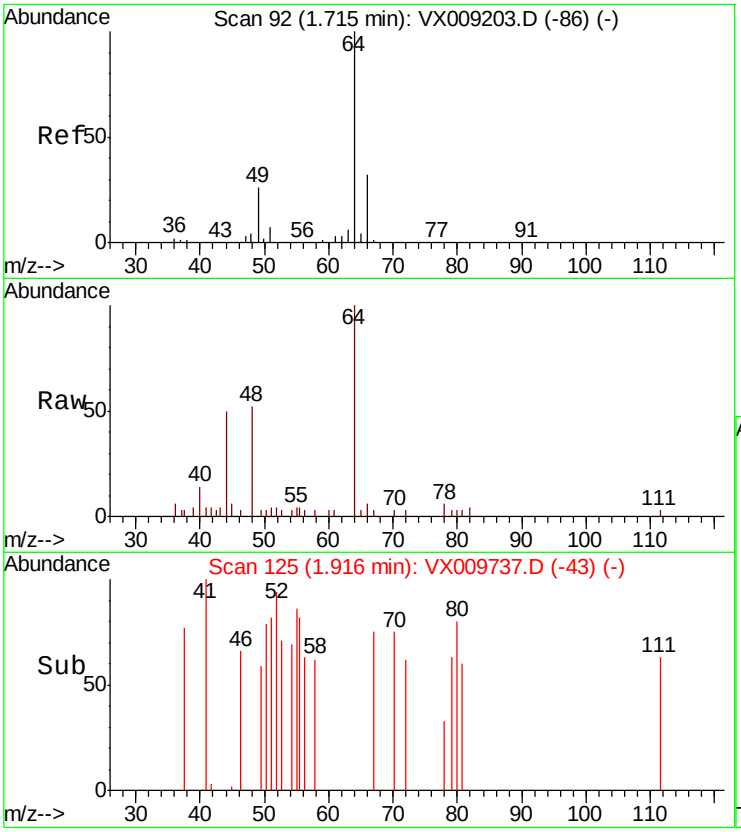


#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 94 Resp: 272

Ion	Ratio	Lower	Upper
94	100		
96	62.3	73.0	109.6#



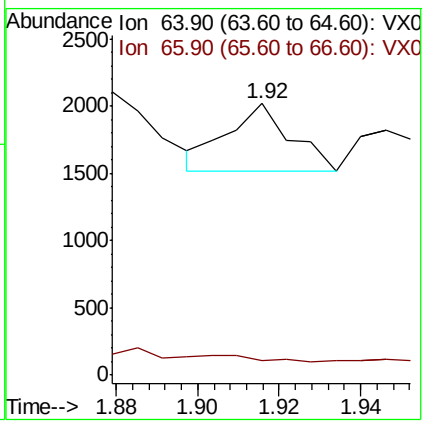


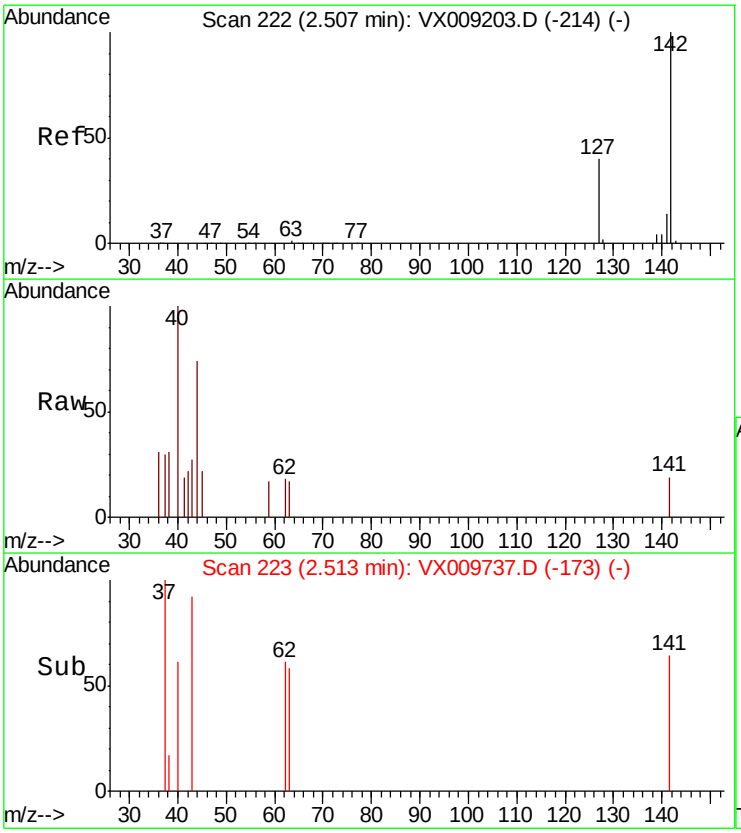
#6
Chloroethane
Concen: 0.390 ug/l
RT: 1.92 min Scan# 125
Delta R.T. 0.20 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion: 64 Resp: 541

Ion	Ratio	Lower	Upper
64	100		
66	1.6	25.3	37.9#

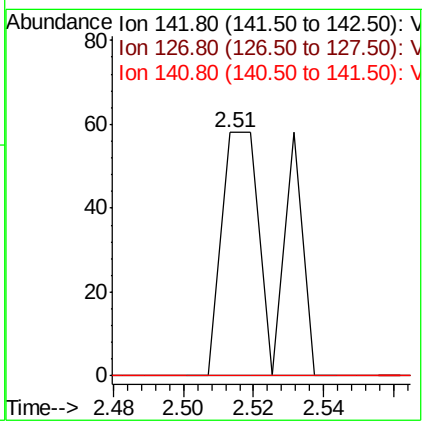


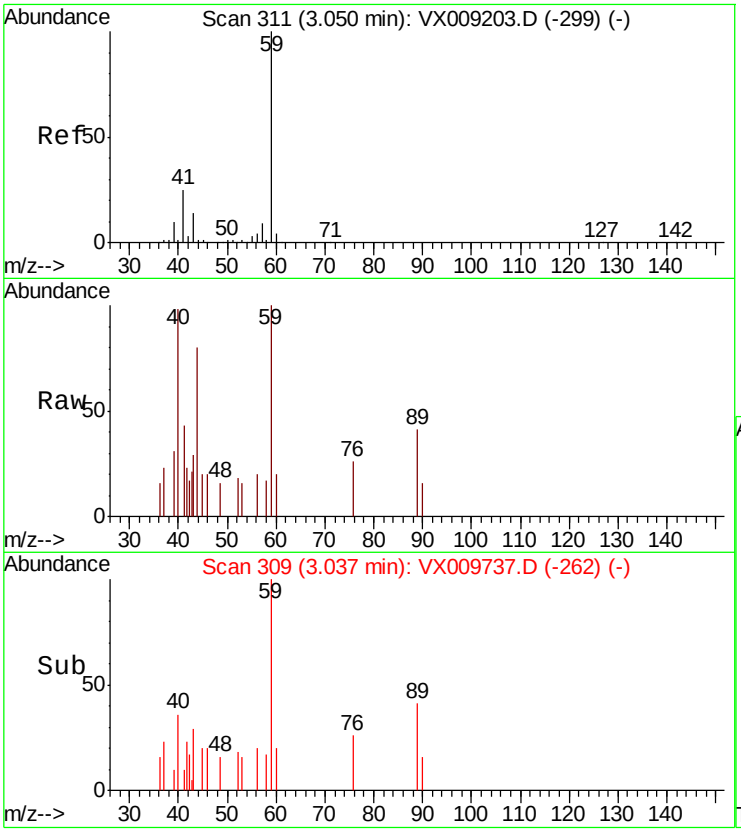


#10
Methyl Iodide
Concen: 4.624 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#



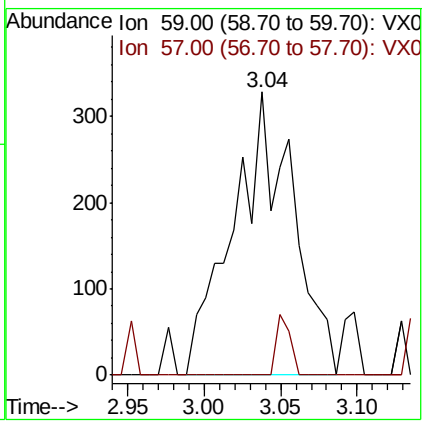


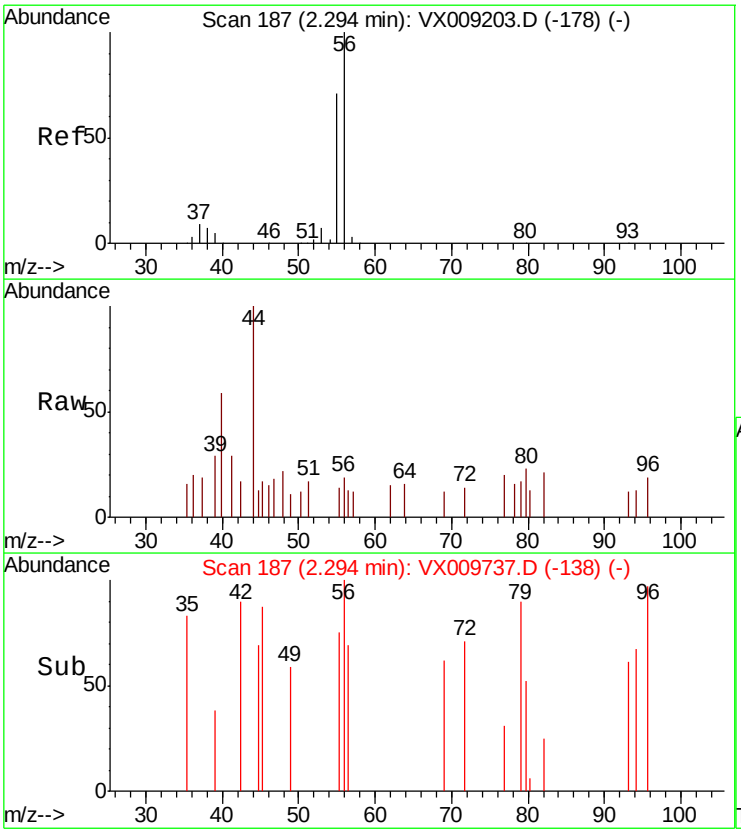
#11
Tert butyl alcohol
Concen: 1.604 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion: 59 Resp: 892

Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.2	12.2#

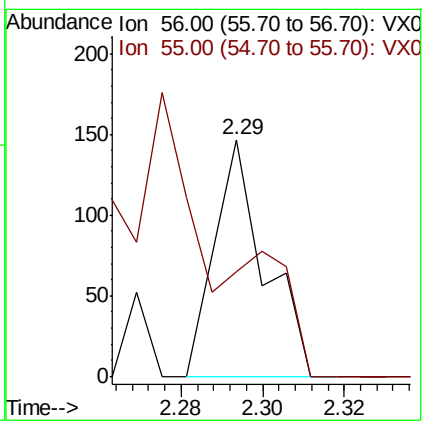


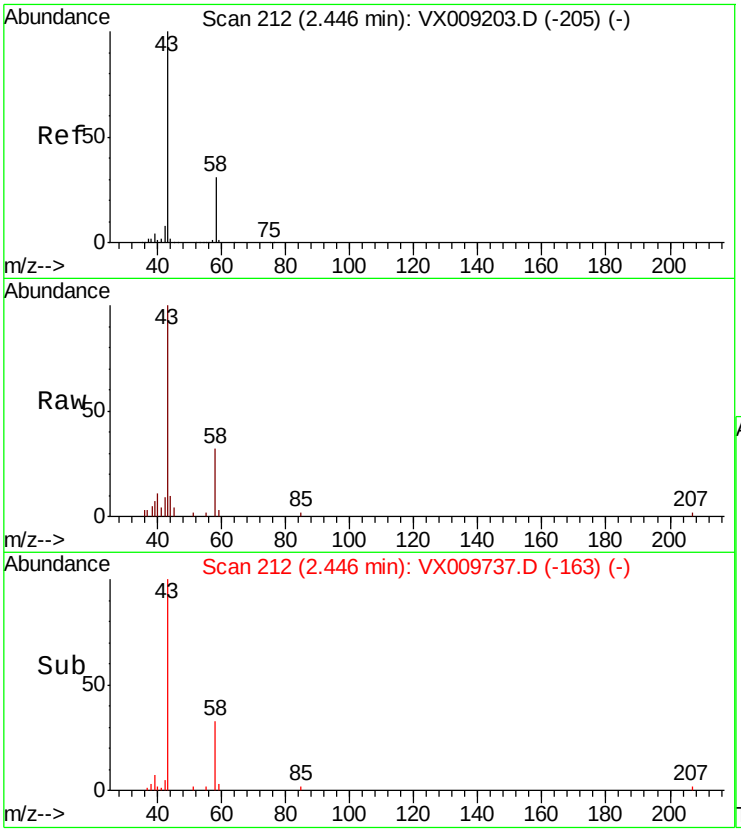


#13
Acrolein
Concen: 0.248 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 56 Resp: 125

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#



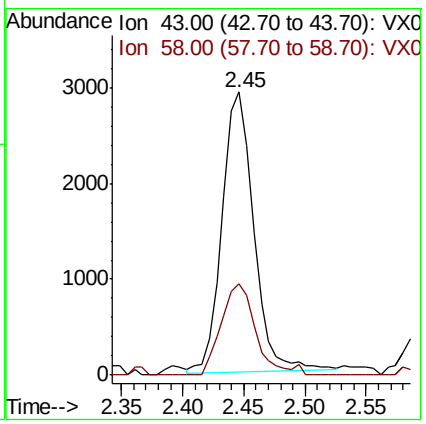


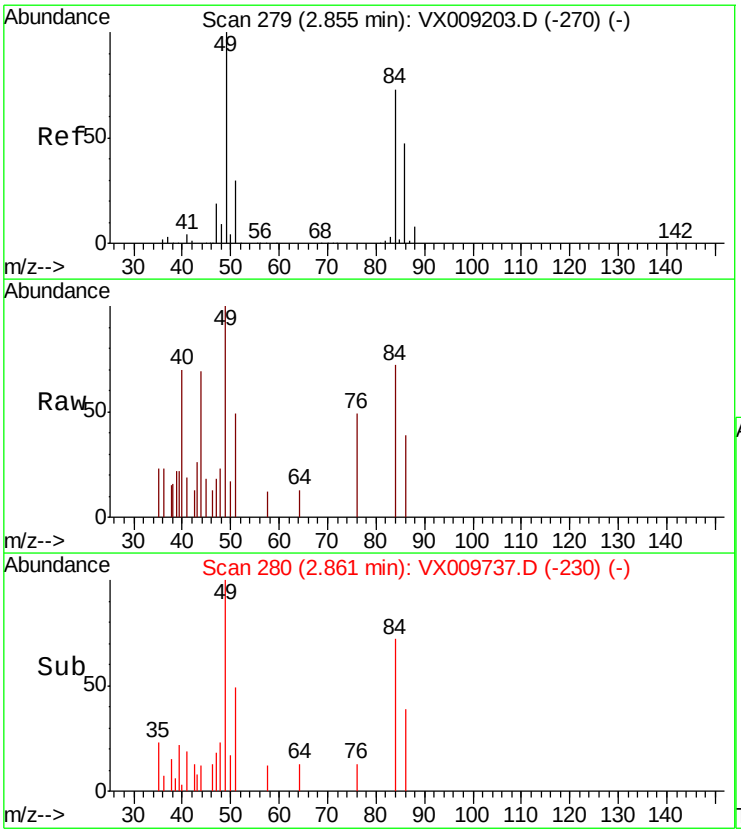
#16
Acetone
Concen: 4.076 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion: 43 Resp: 5258

Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.9	37.3

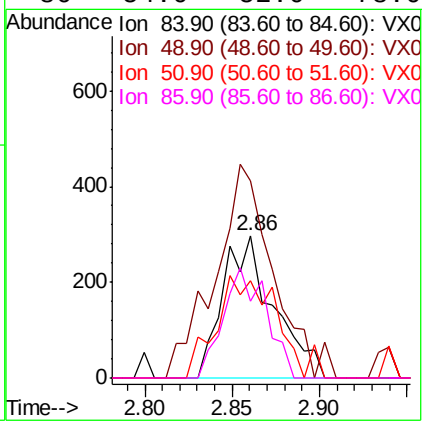


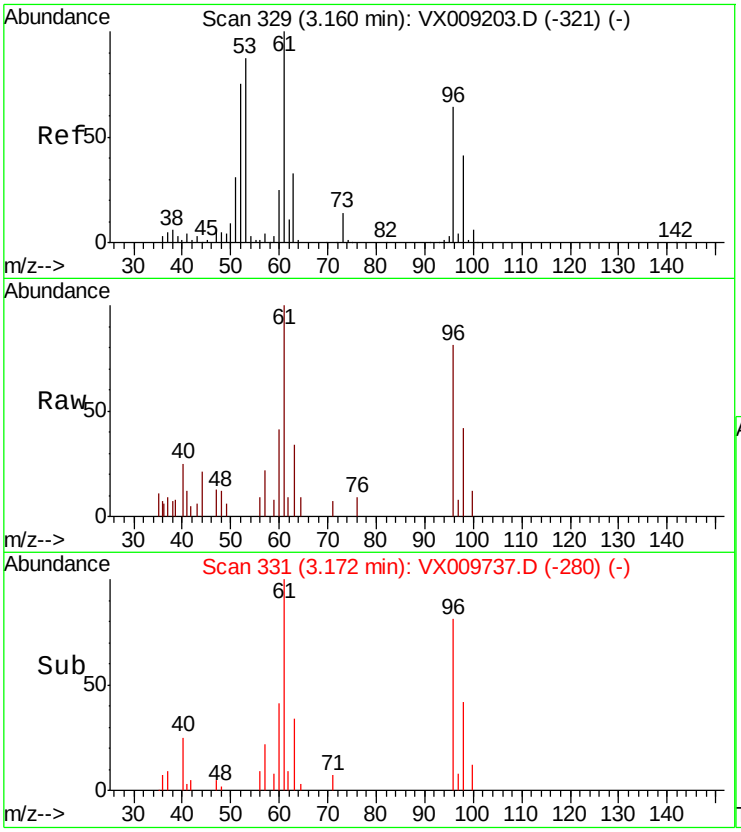


#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 84 Resp: 602

Ion	Ratio	Lower	Upper
84	100		
49	138.3	109.9	164.9
51	68.1	32.7	49.1#
86	54.0	52.0	78.0



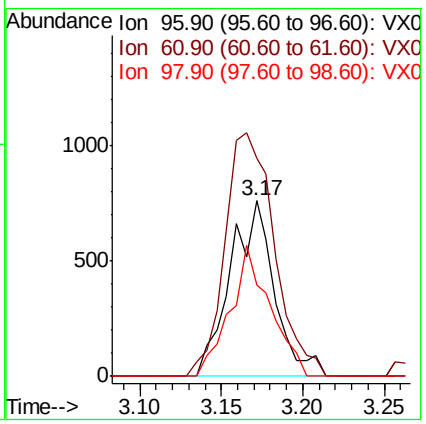


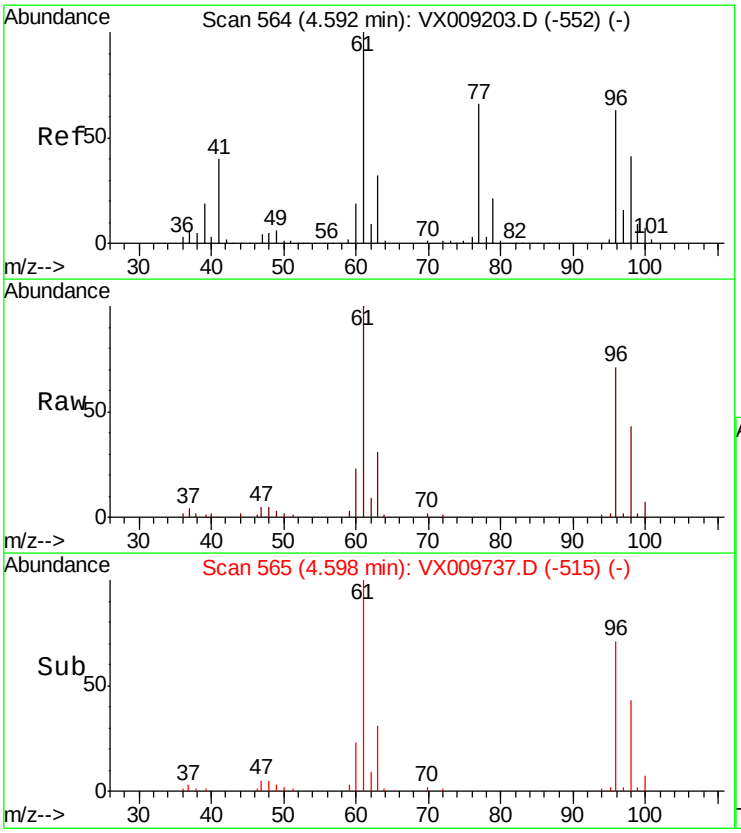
#21
trans-1,2-Dichloroethene
Concen: 0.802 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion: 96 Resp: 1436

Ion	Ratio	Lower	Upper
96	100		
61	124.0	124.5	186.7#
98	51.8	50.4	75.6

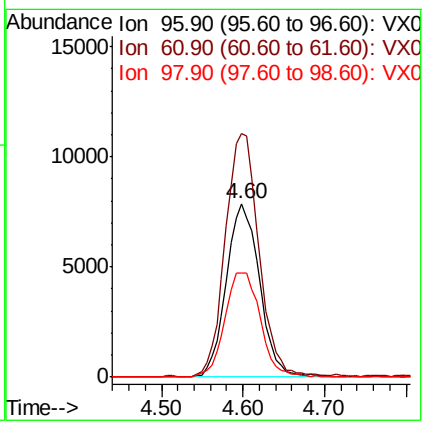


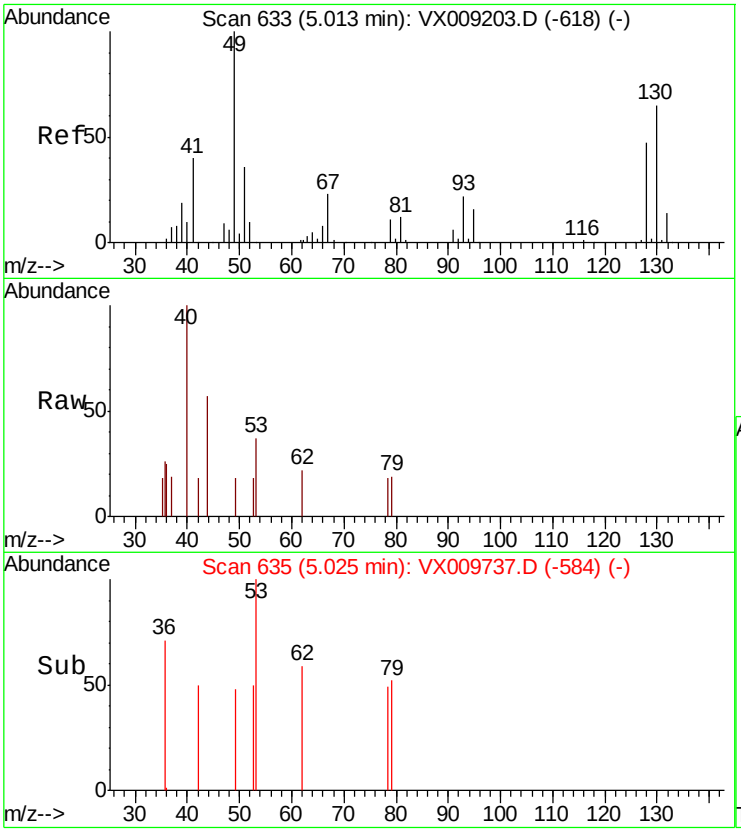


#27
cis-1,2-Dichloroethene
Concen: 10.366 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 96 Resp: 22159

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	324.0
98	64.0	0.0	130.4



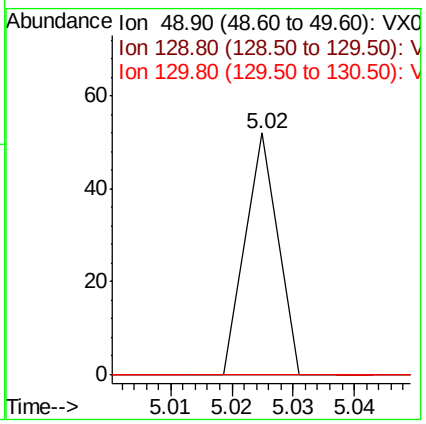


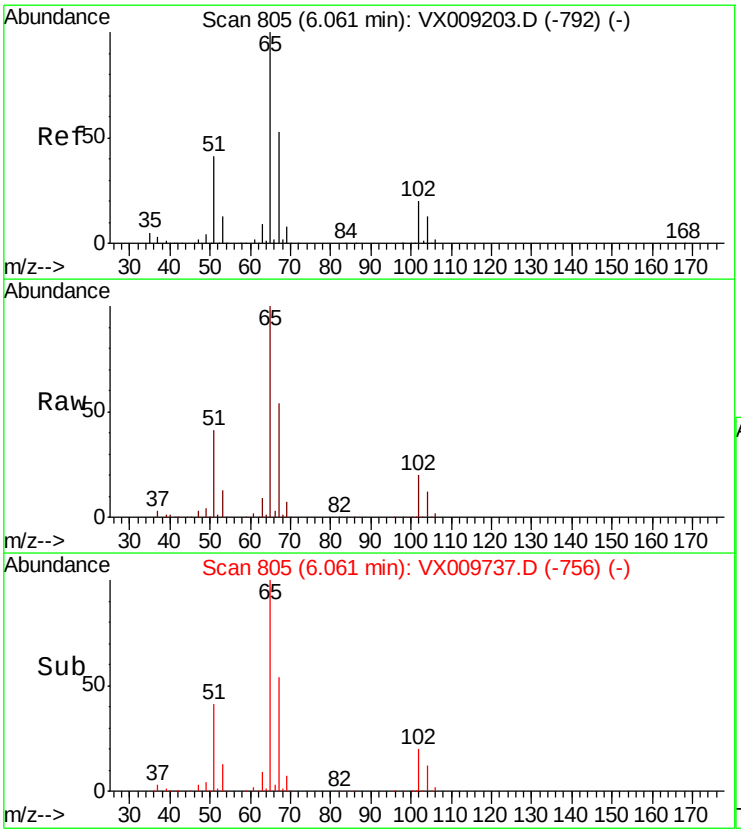
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#

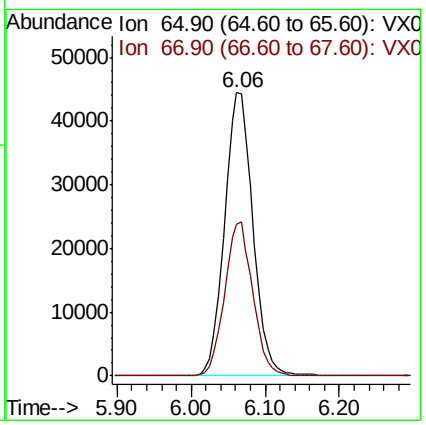


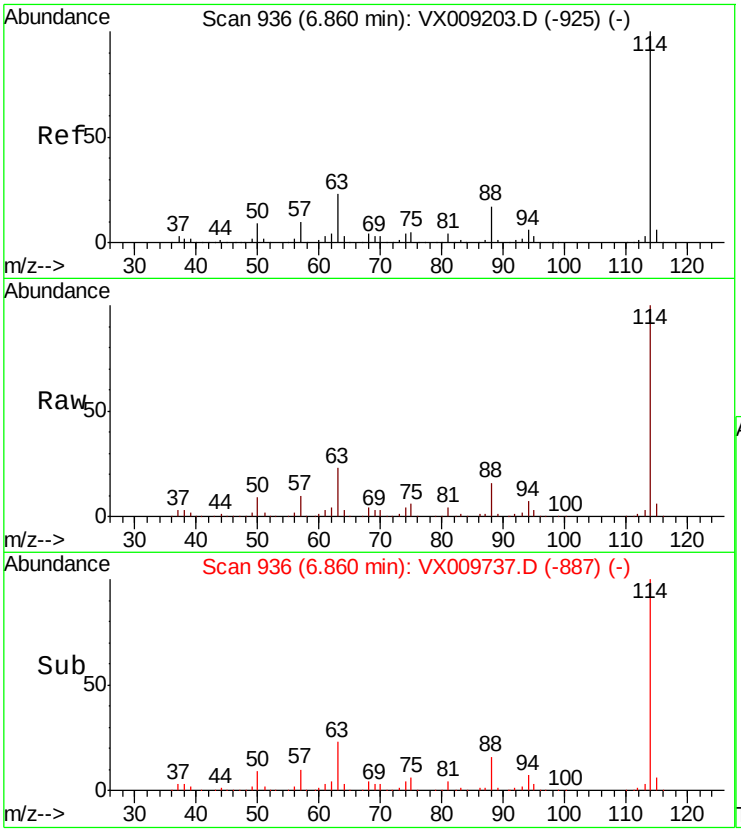


#33
1,2-Dichloroethane-d4
Concen: 49.296 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 65 Resp: 118442

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.6



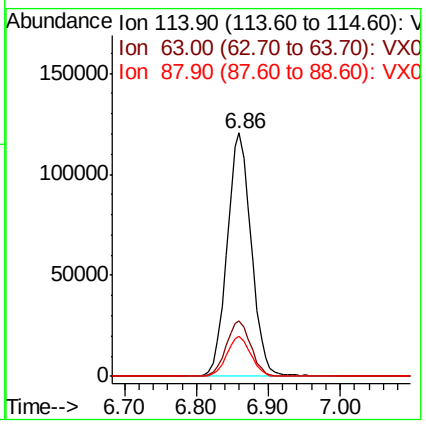


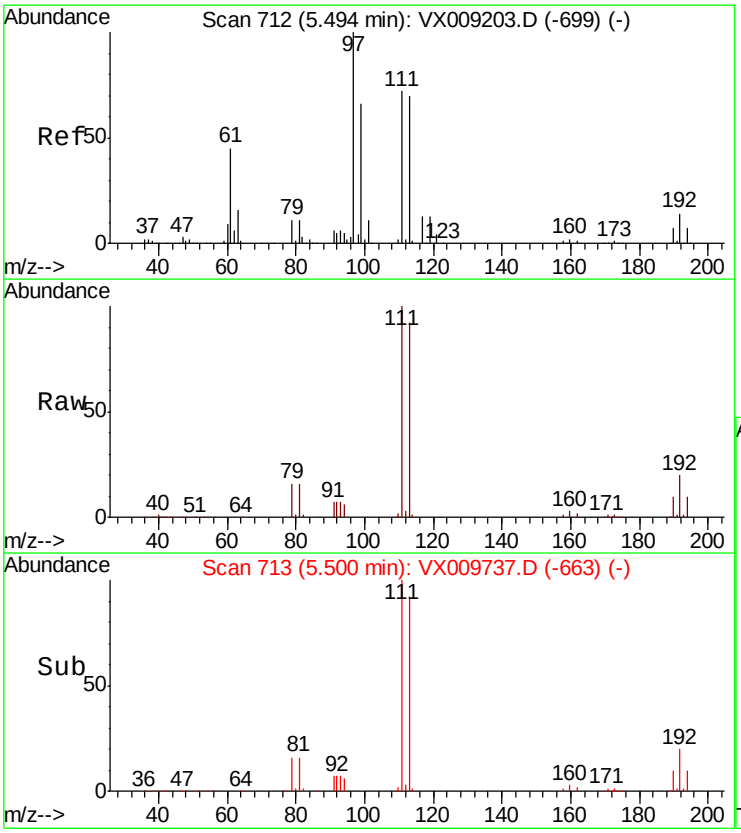
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion:114 Resp: 280881

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.4	0.0	33.2

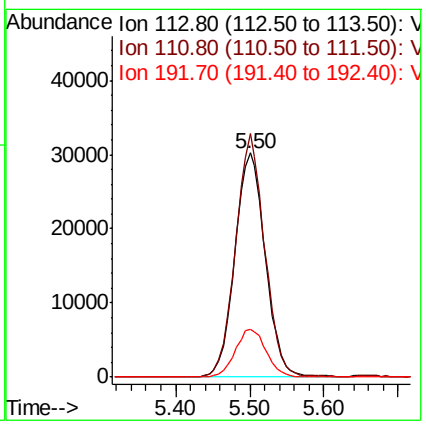


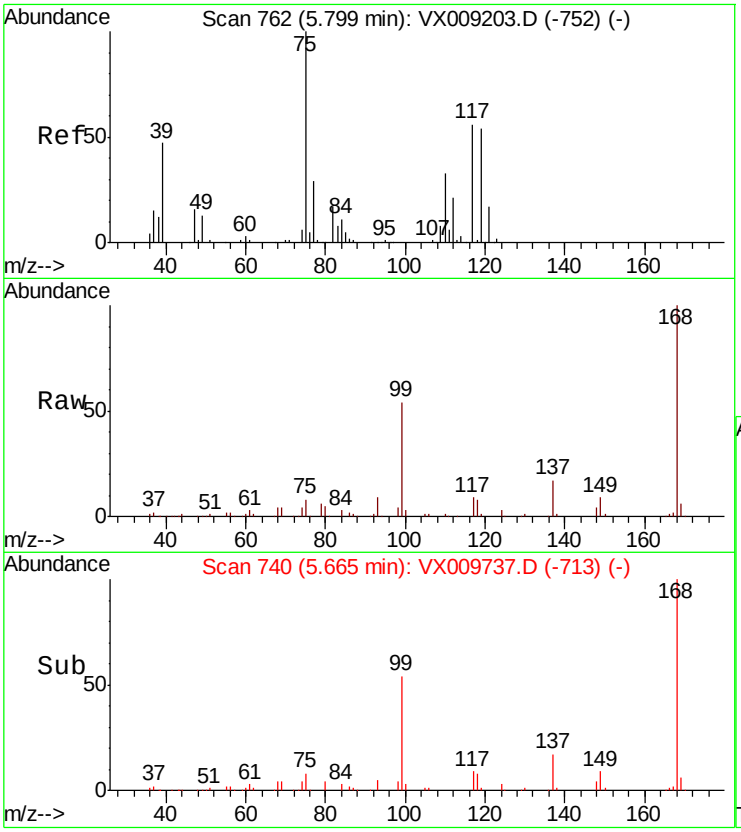


#35
Dibromofluoromethane
Concen: 49.036 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion:113 Resp: 86584

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	21.8	17.0	25.6



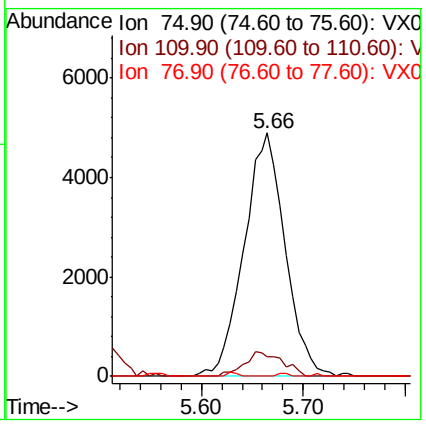


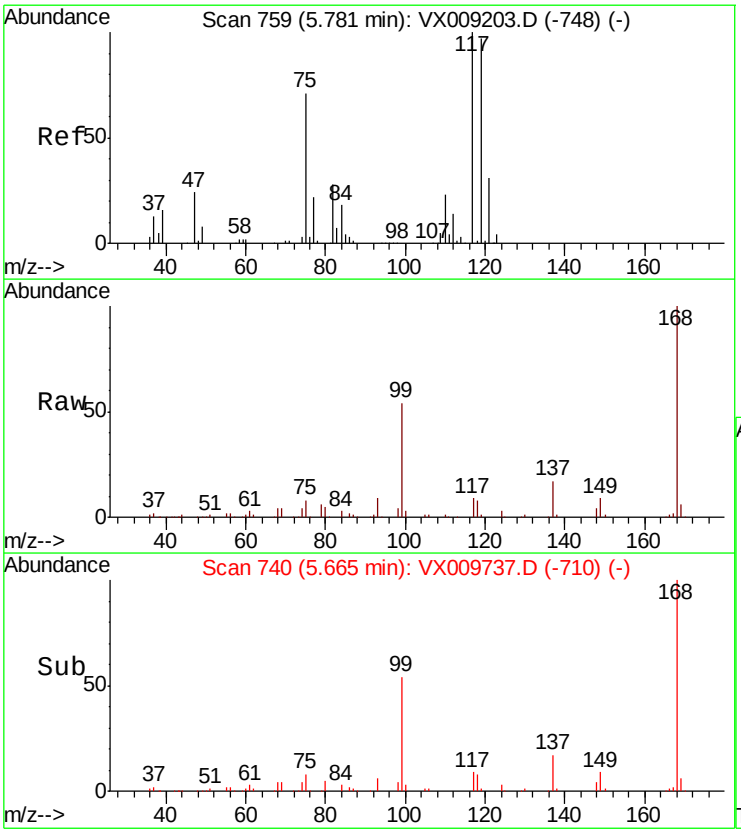
#36
1,1-Dichloropropene
Concen: 5.235 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Tgt Ion: 75 Resp: 13666

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.6#
77	0.0	24.8	37.2#

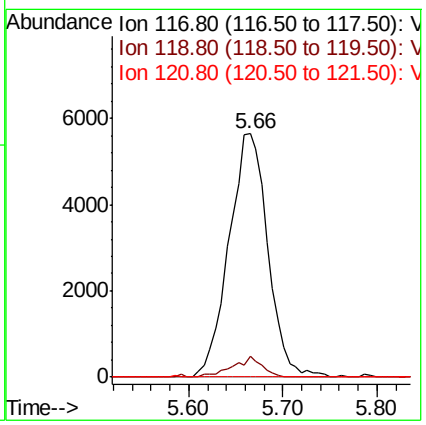


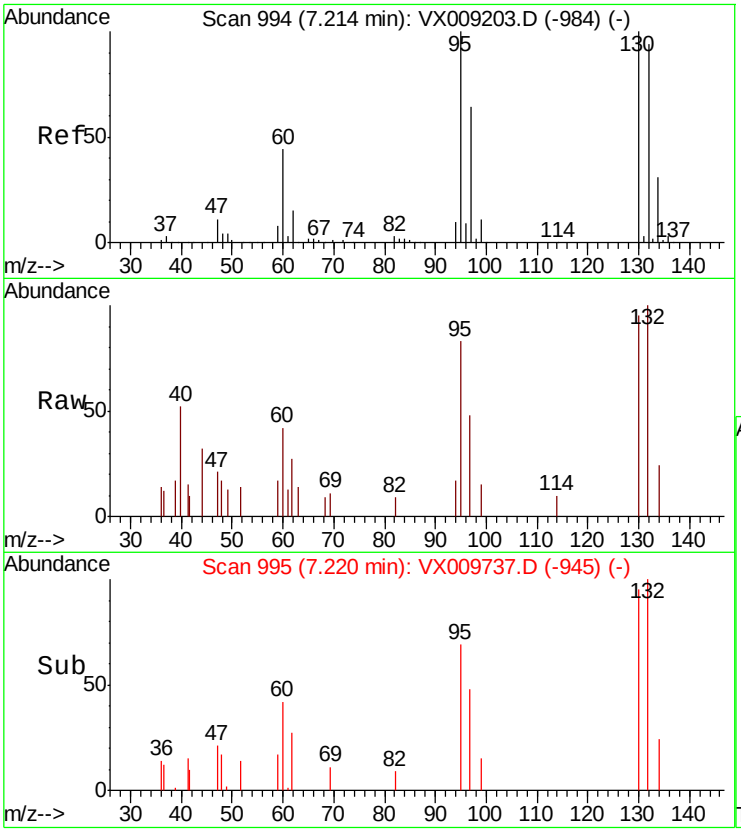


#38
Carbon Tetrachloride
Concen: 6.835 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion:117 Resp: 16211

Ion	Ratio	Lower	Upper
117	100		
119	8.3	77.5	116.3#
121	0.0	24.7	37.1#



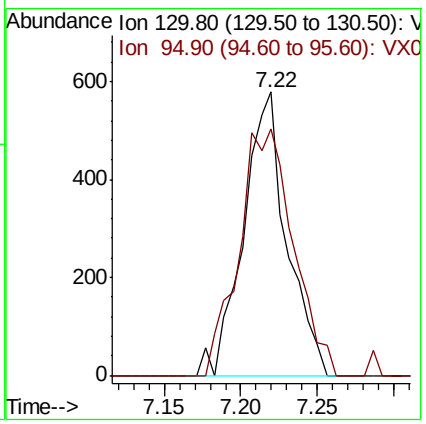


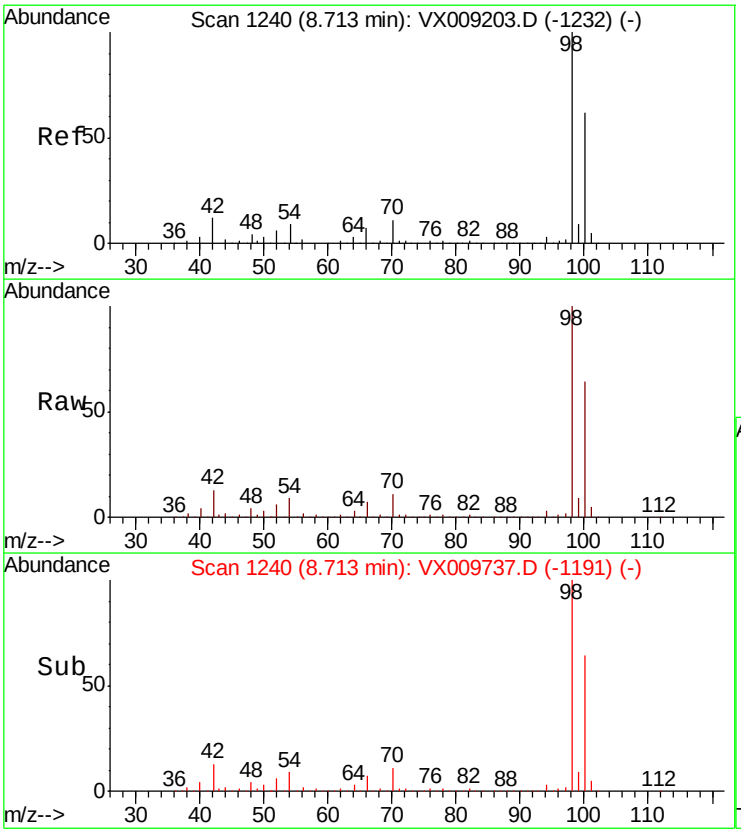
#44
Trichloroethene
Concen: 0.583 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Tgt Ion:130 Resp: 1139

Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	199.2

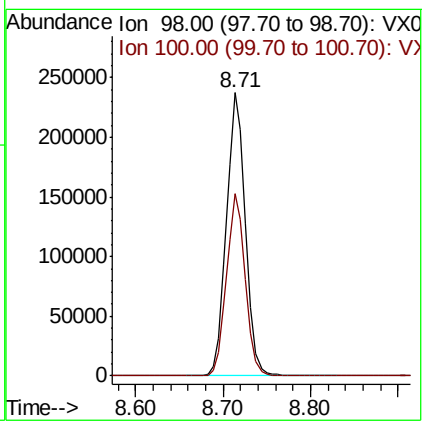


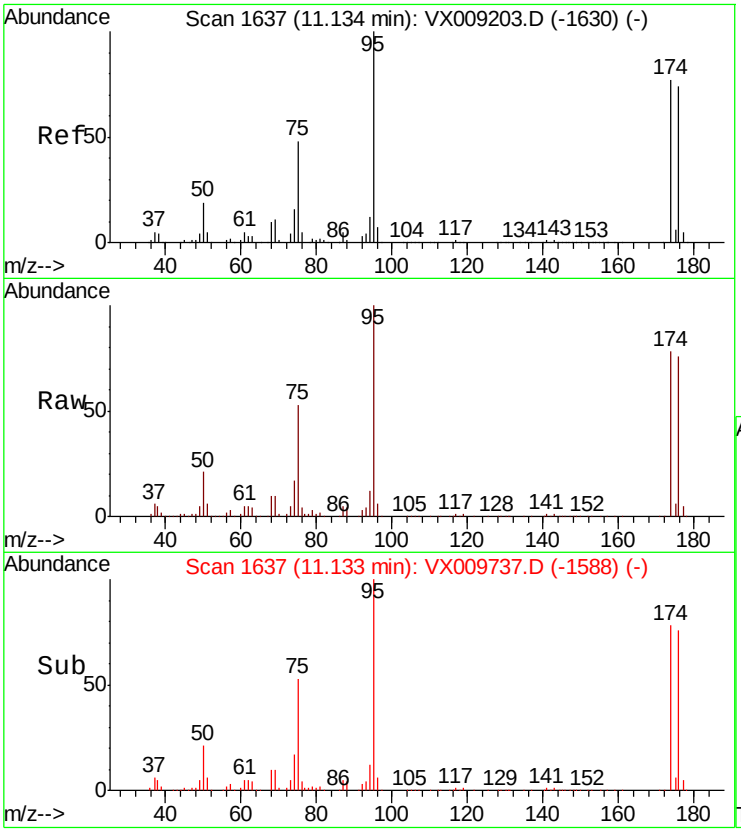


#50
Toluene-d8
Concen: 49.981 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 98 Resp: 356296

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8



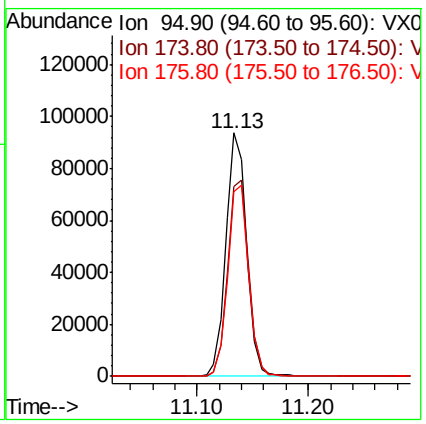


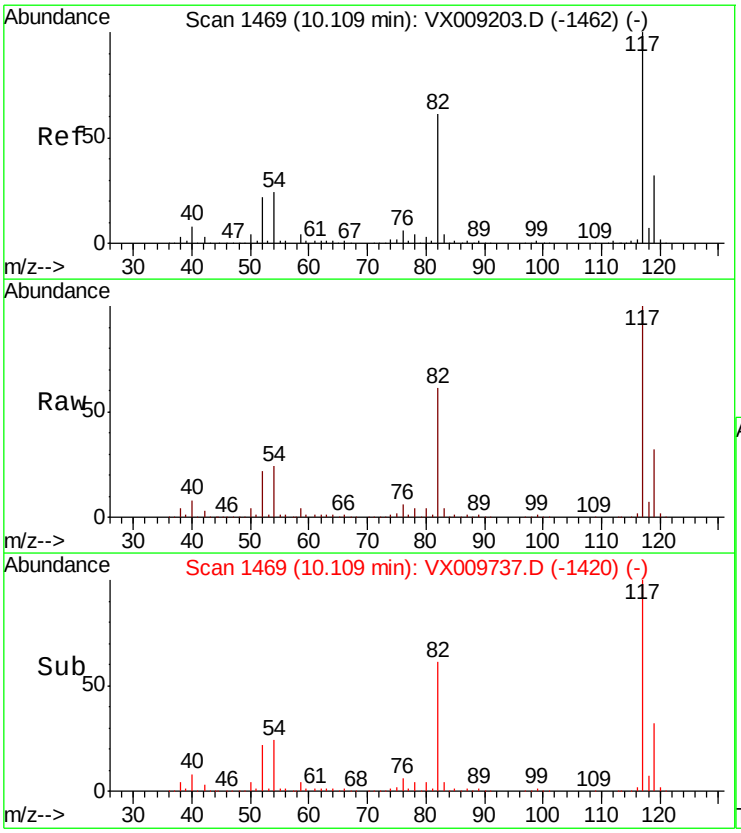
#62
4-Bromofluorobenzene
Concen: 46.236 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion: 95 Resp: 119764

Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	161.6
176	79.3	0.0	159.2

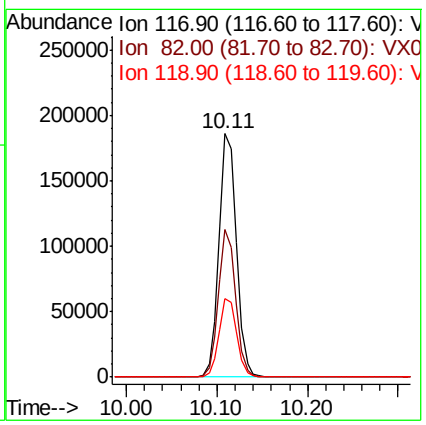


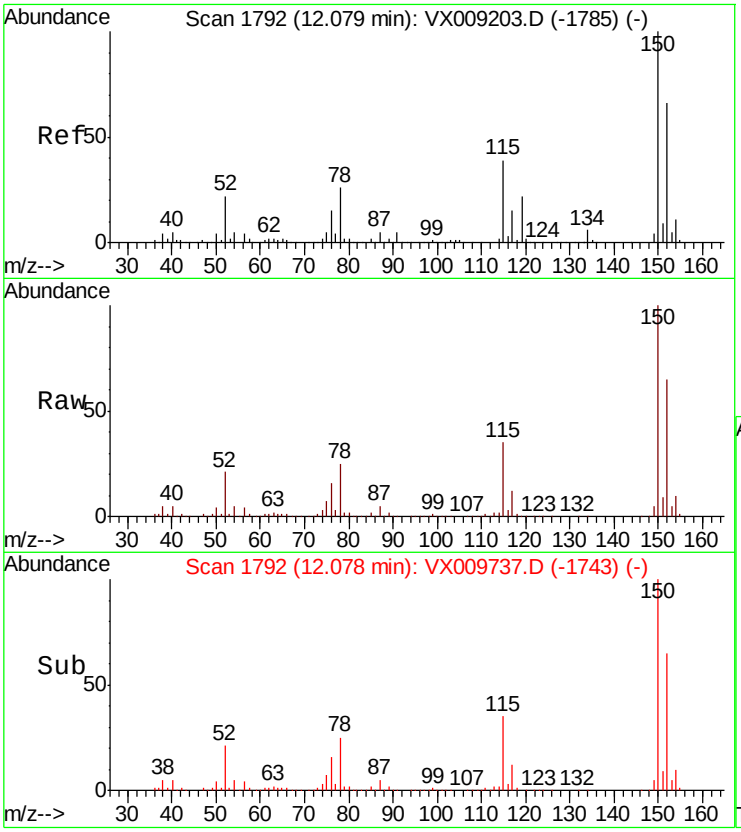


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion:117 Resp: 251627

Ion	Ratio	Lower	Upper
117	100		
82	60.5	48.8	73.2
119	32.1	25.8	38.6



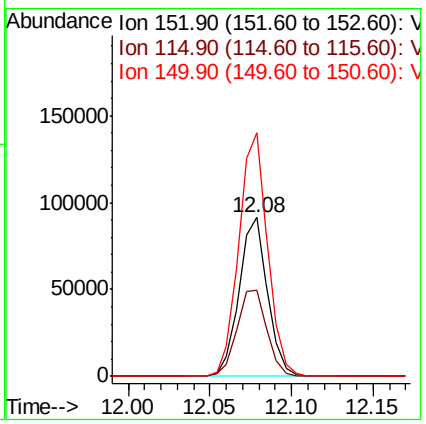


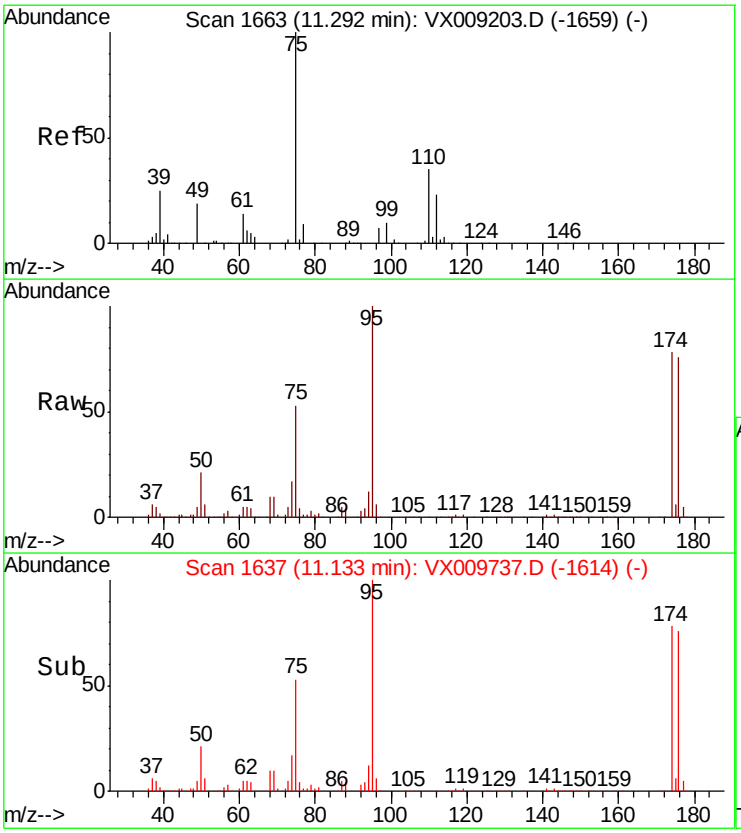
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion:152 Resp: 110924

Ion	Ratio	Lower	Upper
152	100		
115	57.4	41.2	123.6
150	155.2	0.0	346.4

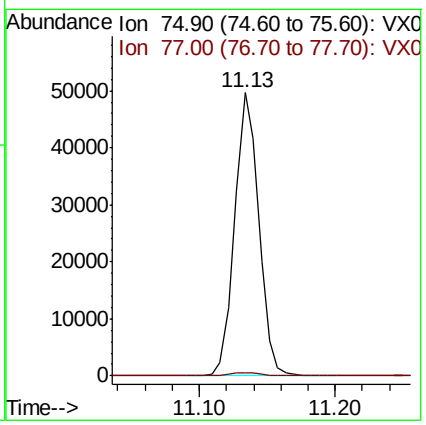


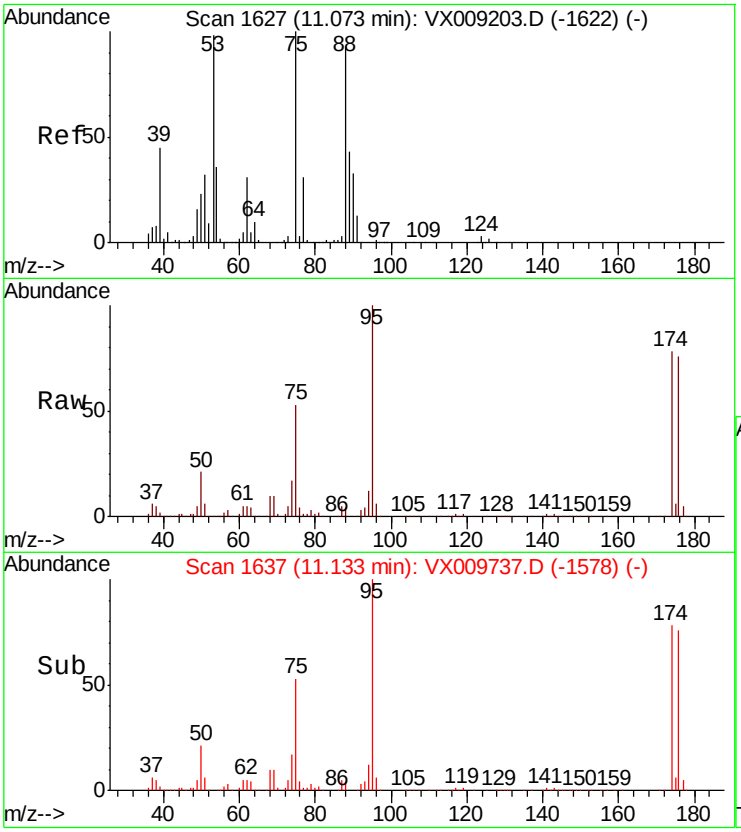


#76
1,2,3-Trichloropropane
Concen: 23.812 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion: 75 Resp: 61270

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#



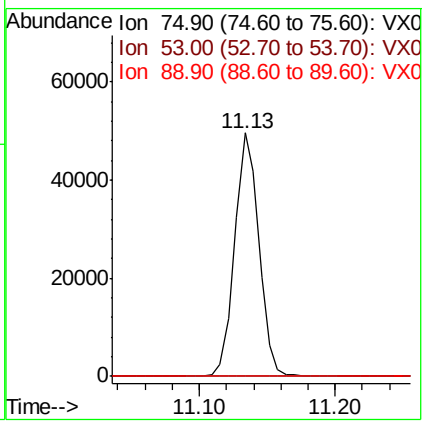


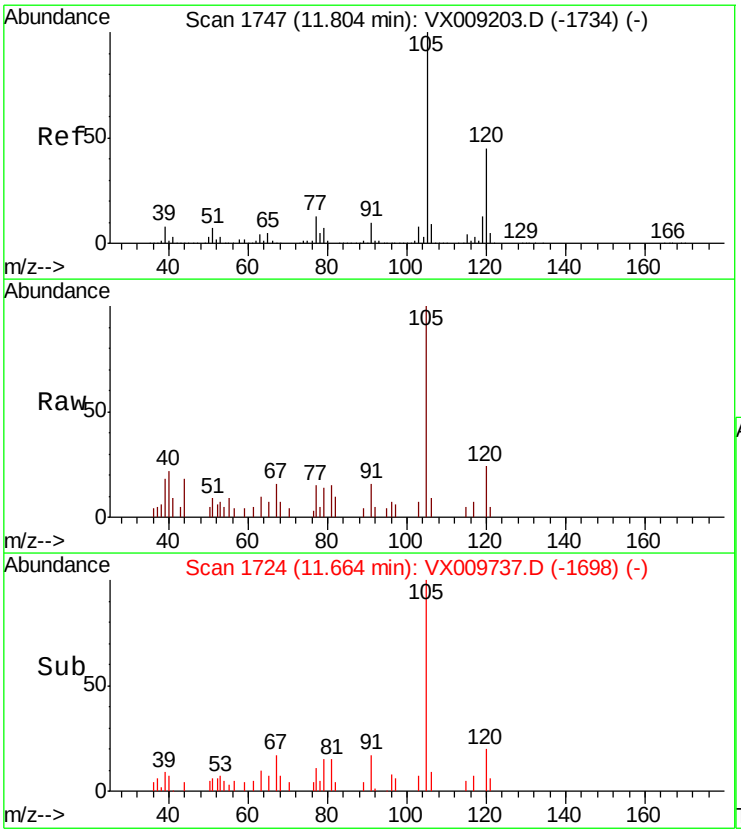
#81
trans-1,4-Dichloro-2-butene
Concen: 60.927 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Tgt Ion: 75 Resp: 61270

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.0	118.6#
89	0.0	34.7	52.1#

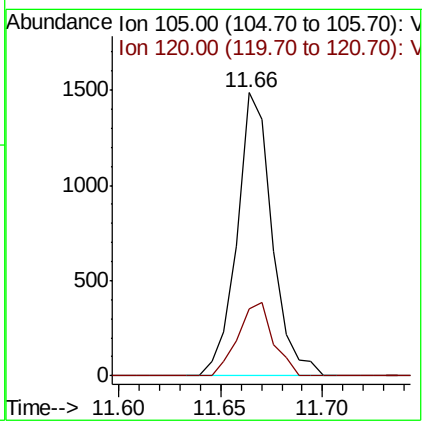


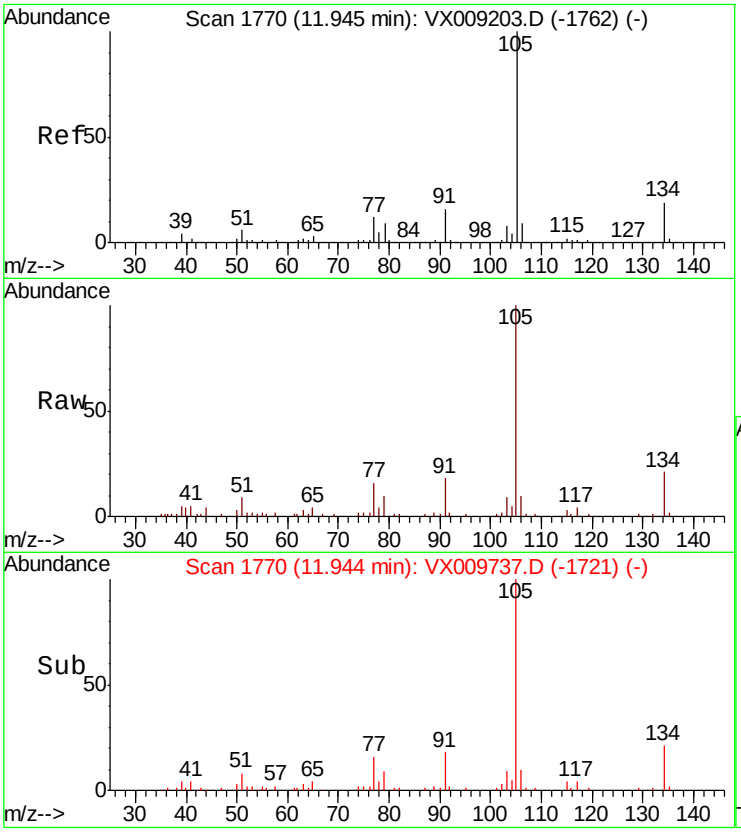


#84
1,2,4-Trimethylbenzene
Concen: 0.260 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. -0.14 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion:105 Resp: 1775

Ion	Ratio	Lower	Upper
105	100		
120	25.9	22.0	66.0



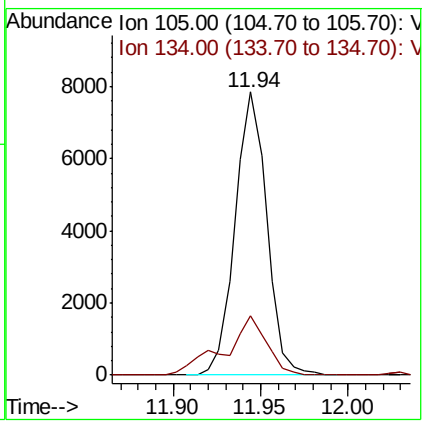


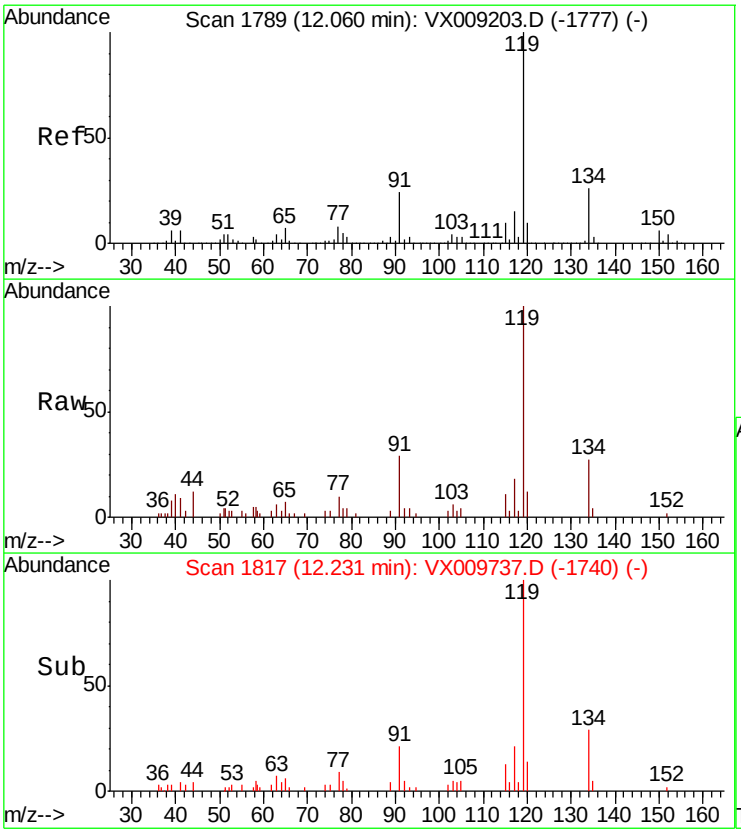
#85
sec-Butylbenzene
Concen: 1.261 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument : MSVOA_X
ClientSampleId : S73-0235

Tgt Ion:105 Resp: 9874

Ion	Ratio	Lower	Upper
105	100		
134	27.8	9.7	28.9

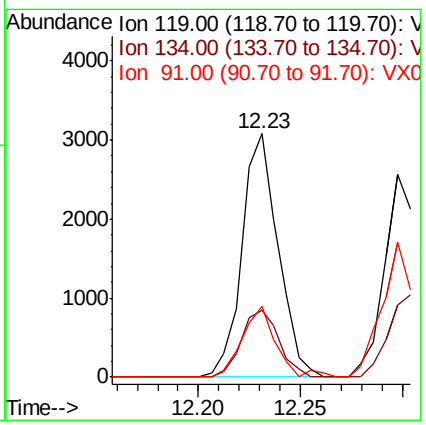


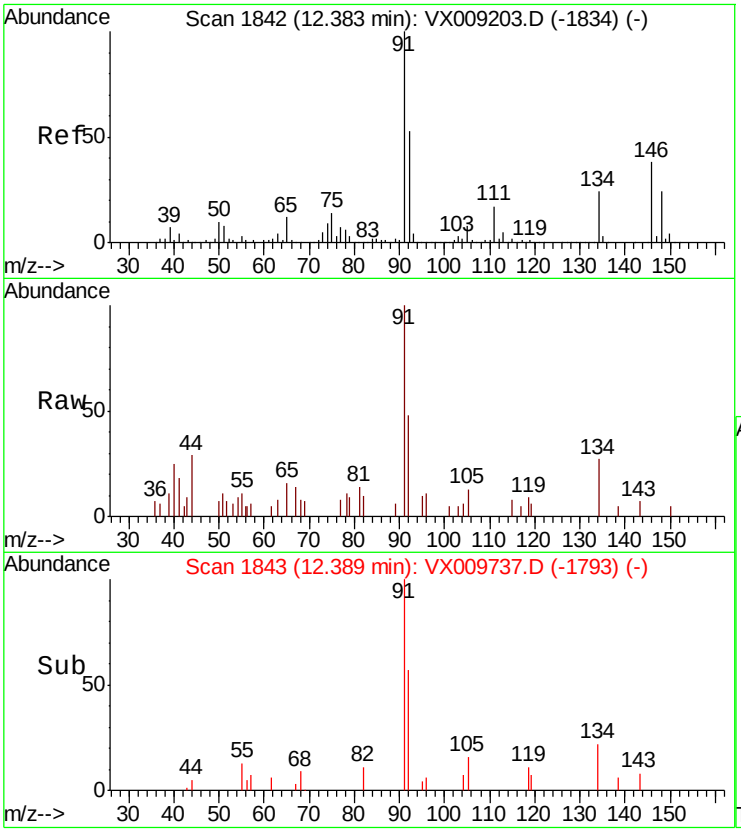


#86
p-Isopropyltoluene
Concen: 0.538 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Tgt Ion:119 Resp: 3786

Ion	Ratio	Lower	Upper
119	100		
134	28.7	12.9	38.7
91	27.4	11.8	35.4





#89
n-Butylbenzene
Concen: 0.389 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX009737.D
Acq: 20 May 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
S73-0235

Tgt Ion: 91 Resp: 2479

Ion	Ratio	Lower	Upper
91	100		
92	34.5	26.5	79.5
134	0.0	12.4	37.2#