Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010497.D
Acq On : 27 Jun 2019 18:27
Operator : JC/SP
Sample : K3565-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:50:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	265964	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	410756	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	367604	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171163	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	125545	50.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.70%				
35) Dibromofluoromethane	5.50	113	123851	49.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.56%				
50) Toluene-d8	8.71	98	477207	49.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.26%				
62) 4-Bromofluorobenzene	11.13	95	159016	45.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.62%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	563	0.239	ug/l	#	73
5) Bromomethane	1.65	94	452	0.393	ug/l	#	78
6) Chloroethane	1.65	64	479	0.344	ug/l	#	41
11) Tert butyl alcohol	3.02	59	4045	6.199	ug/l	#	81
16) Acetone	2.45	43	4108	3.287	ug/l		96
18) Methyl Acetate	2.79	43	651	0.261	ug/l	#	69
20) Methylene Chloride	2.86	84	26191	10.183	ug/l		97
25) 2-Butanone	4.68	43	708	0.386	ug/l		94
29) Tetrahydrofuran	5.13	42	68930	60.704	ug/l		99
36) 1,1-Dichloropropene	5.66	75	16296	4.993	ug/l	#	48
38) Carbon Tetrachloride	5.67	117	23653	6.692	ug/l	#	16
41) Methacrylonitrile	5.13	41	37632	20.425	ug/l	#	41
49) 1,4-Dioxane	7.74	88	24	0.323	ug/l	#	1
67) Ethyl Benzene	10.25	91	4668	0.370	ug/l		94
68) m/p-Xylenes	10.36	106	5356	1.097	ug/l		99
69) o-Xylene	10.70	106	1112	0.232	ug/l		87
76) 1,2,3-Trichloropropane	11.13	75	75801	24.303	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	2394	0.250	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.13	75	75801	56.696	ug/l	#	16
84) 1,2,4-Trimethylbenzene	11.80	105	5080	0.529	ug/l		98
95) Naphthalene	13.83	128	4426	0.370	ug/l	#	93

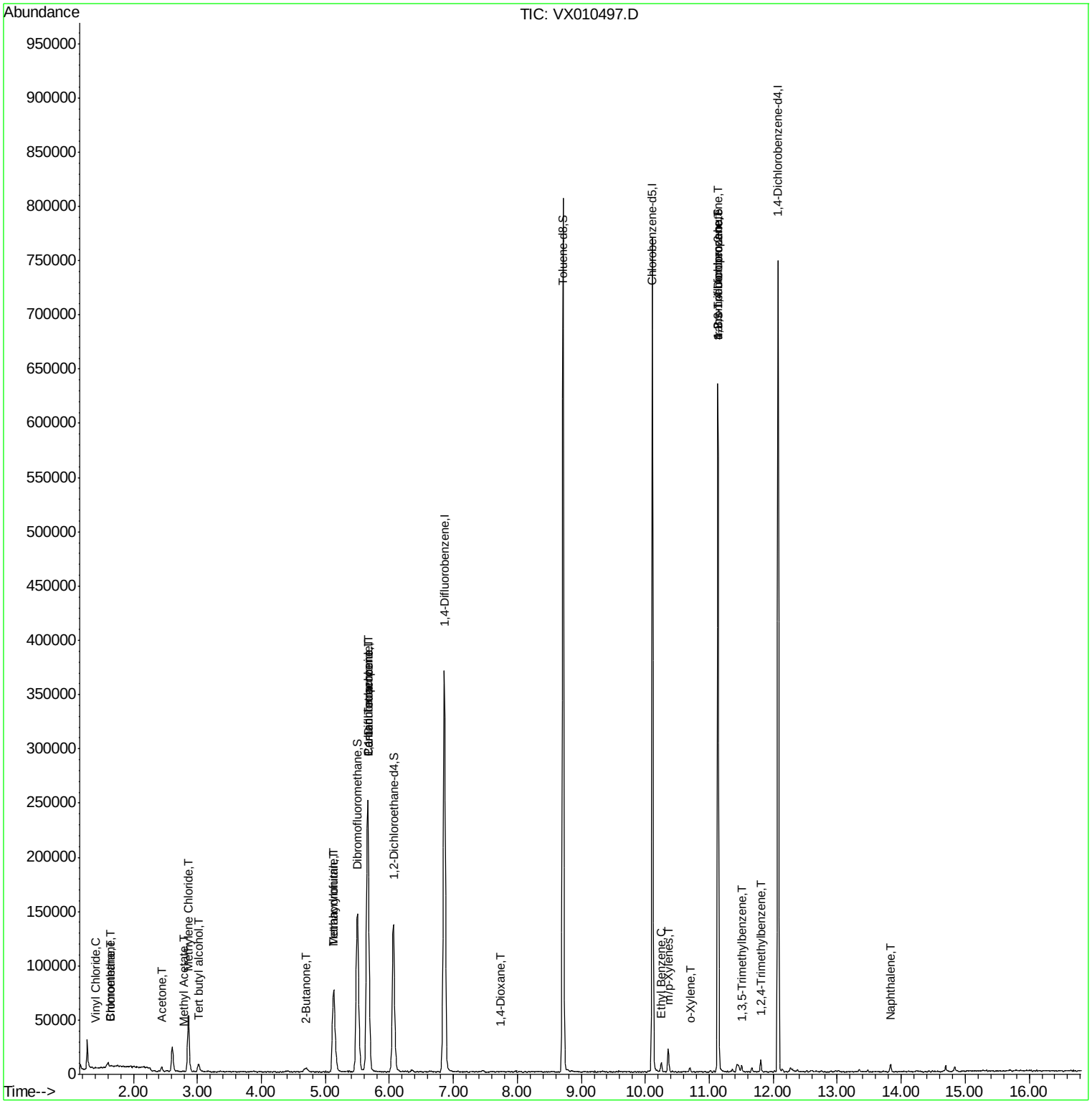
(#) = qualifier out of range (m) = manual integration (+) = signals summed

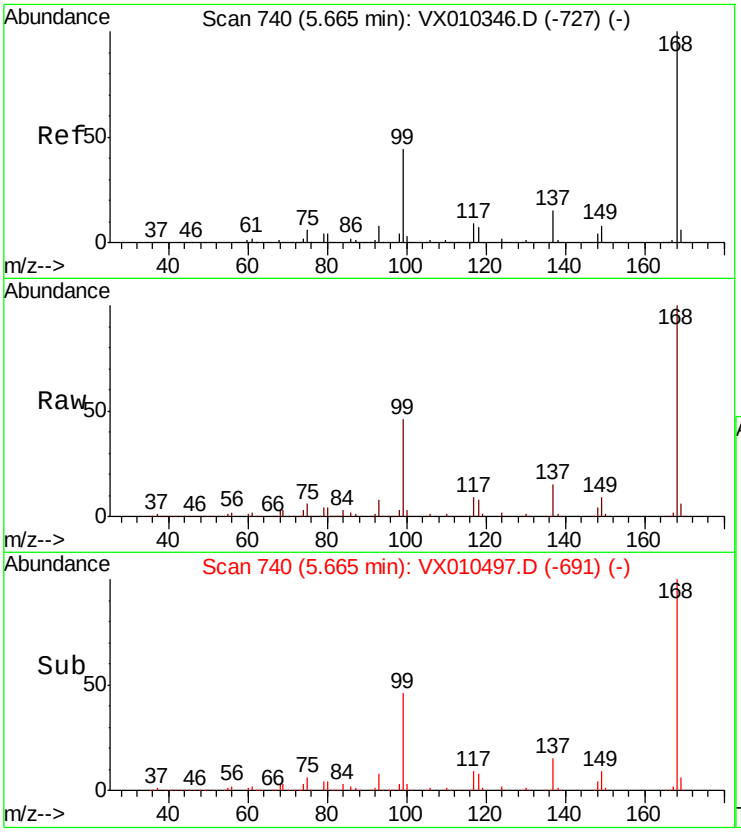
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010497.D
Acq On : 27 Jun 2019 18:27
Operator : JC/SP
Sample : K3565-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:50:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



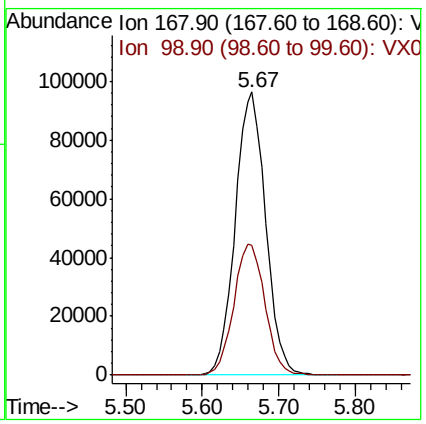


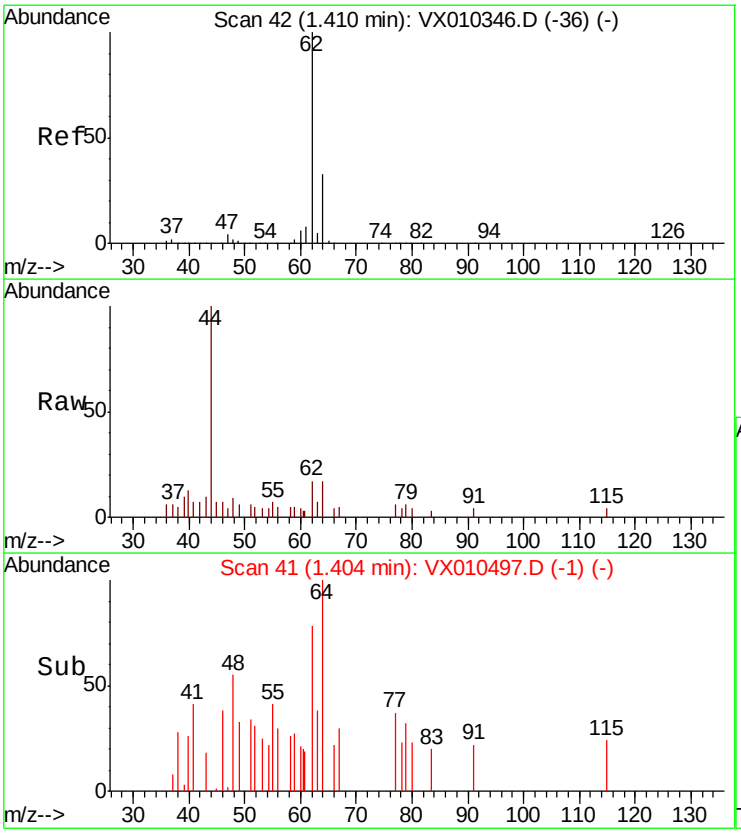
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 265964

Ion	Ratio	Lower	Upper
168	100		
99	45.8	35.5	53.3

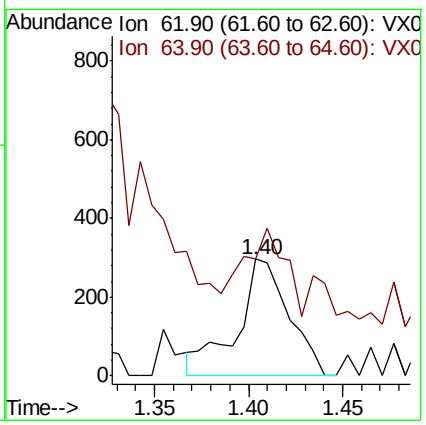


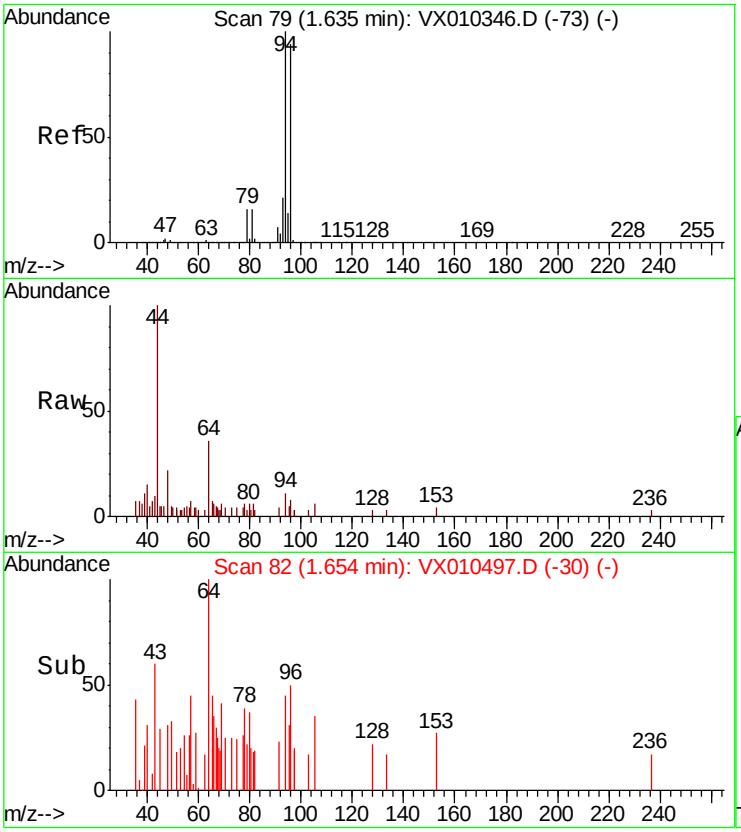


#4
Vinyl Chloride
Concen: 0.239 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 62 Resp: 563

Ion	Ratio	Lower	Upper
62	100		
64	48.0	26.2	39.4#



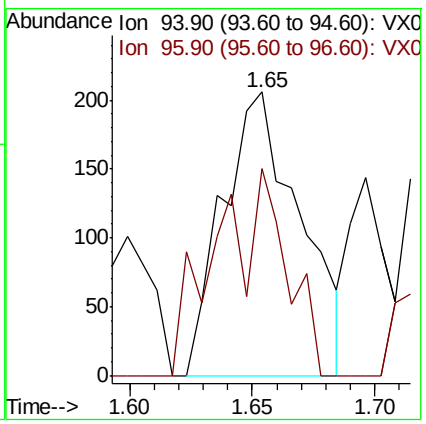


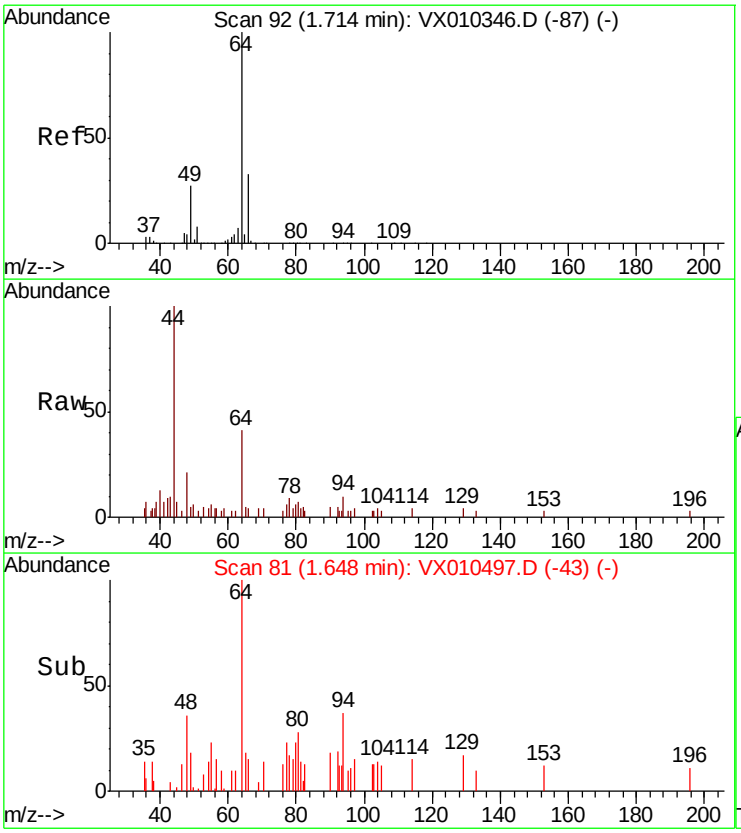
#5
Bromomethane
Concen: 0.393 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 452

Ion	Ratio	Lower	Upper
94	100		
96	72.8	75.5	113.3#

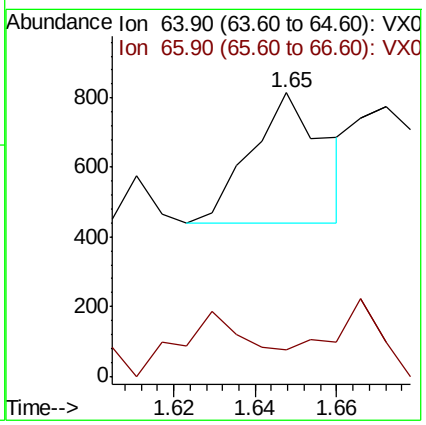


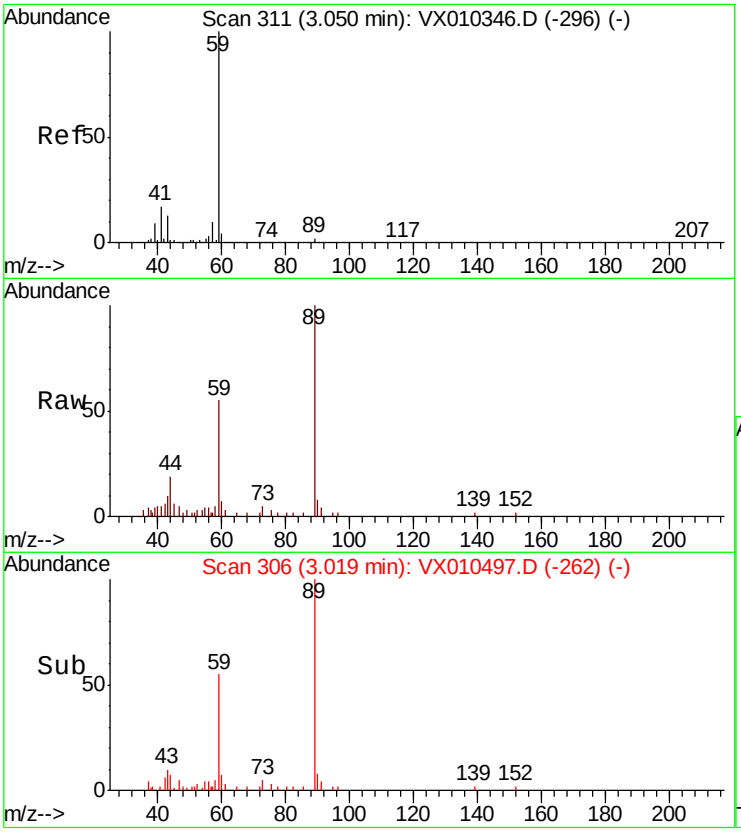


#6
Chloroethane
Concen: 0.344 ug/l
RT: 1.65 min Scan# 81
Delta R.T. -0.07 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 64 Resp: 479

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#



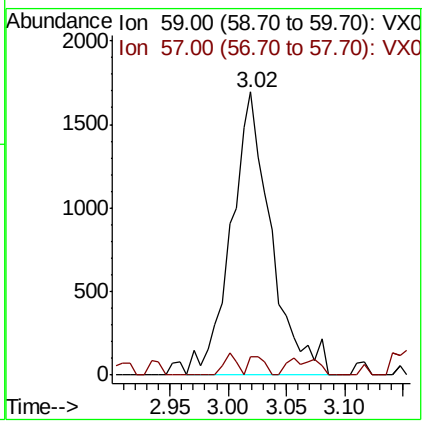


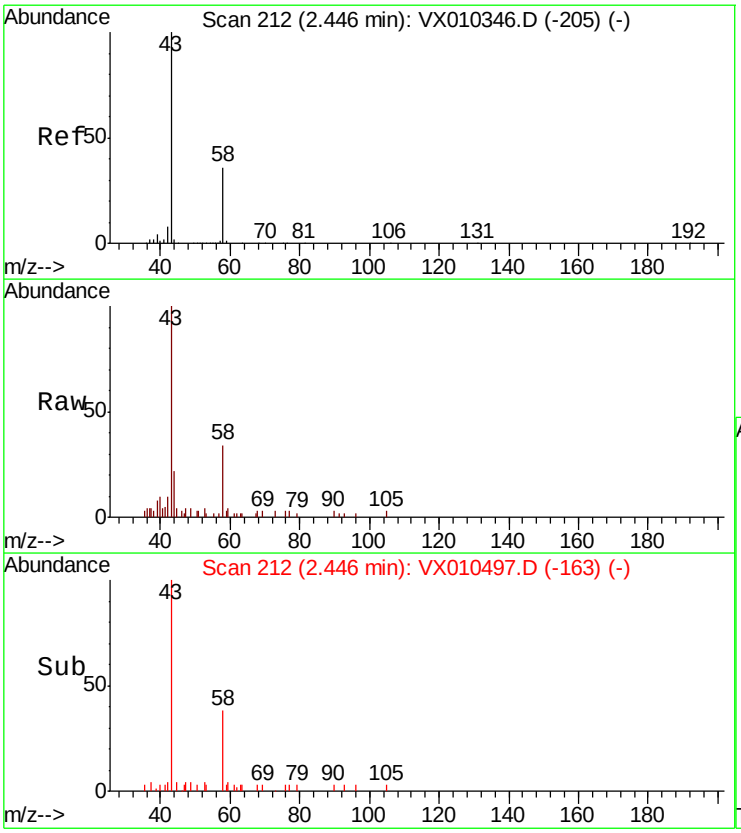
#11
Tert butyl alcohol
Concen: 6.199 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 4045

Ion	Ratio	Lower	Upper
59	100		
57	2.7	7.7	11.5#

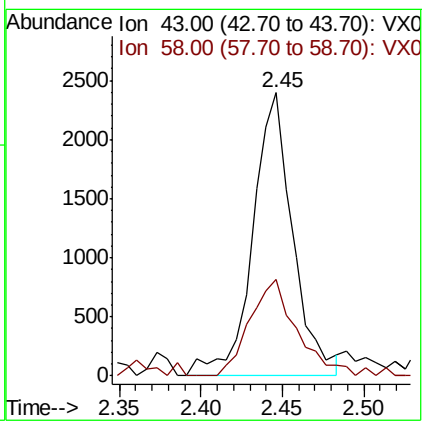


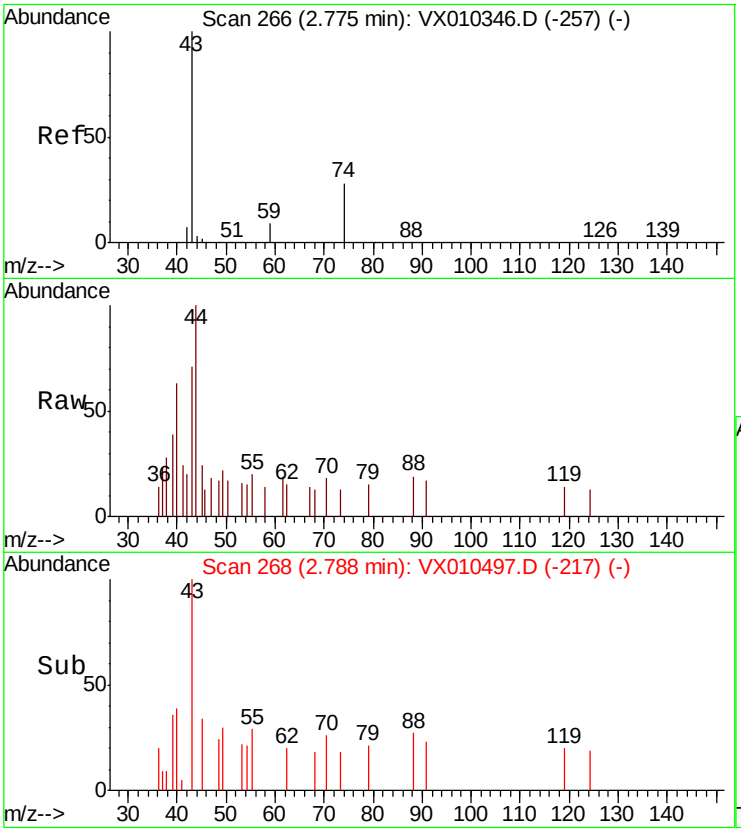


#16
Acetone
Concen: 3.287 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 43 Resp: 4108

Ion	Ratio	Lower	Upper
43	100		
58	33.9	28.9	43.3



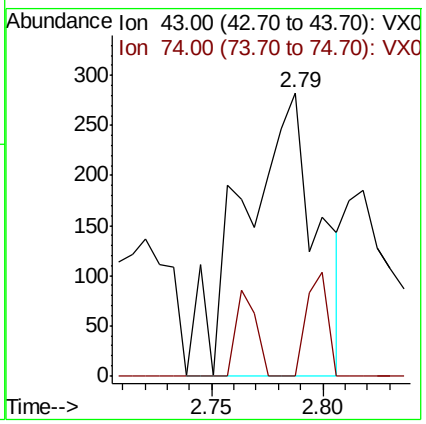


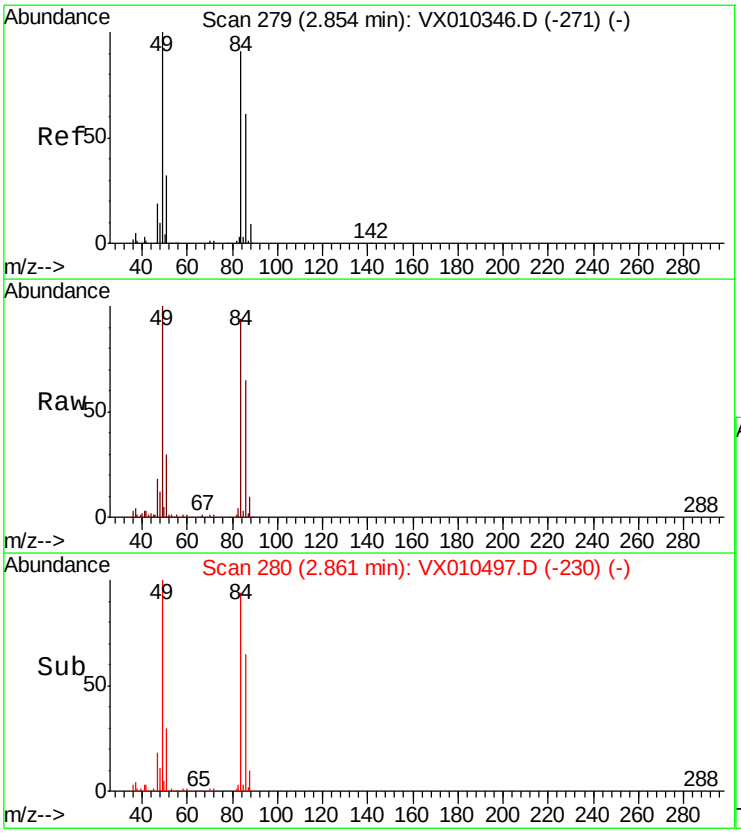
#18
Methyl Acetate
Concen: 0.261 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 651

Ion	Ratio	Lower	Upper
43	100		
74	10.4	21.3	31.9#

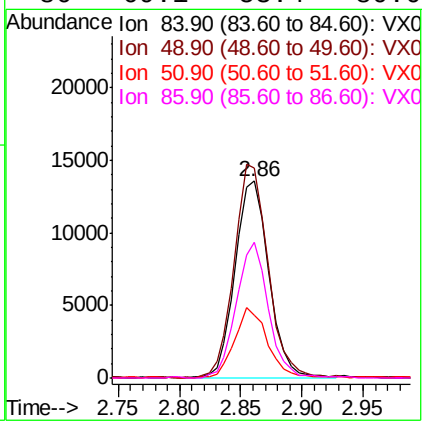


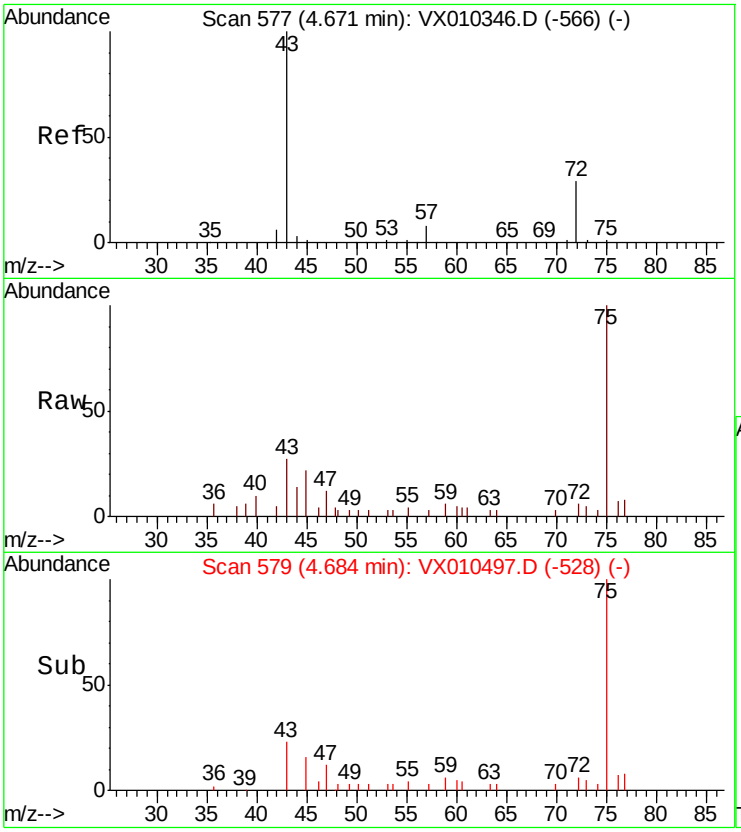


#20
Methylene Chloride
Concen: 10.183 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 84 Resp: 26191

Ion	Ratio	Lower	Upper
84	100		
49	105.9	87.5	131.3
51	31.8	27.7	41.5
86	69.1	53.4	80.0



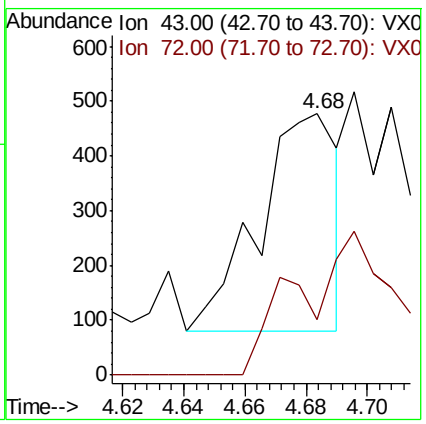


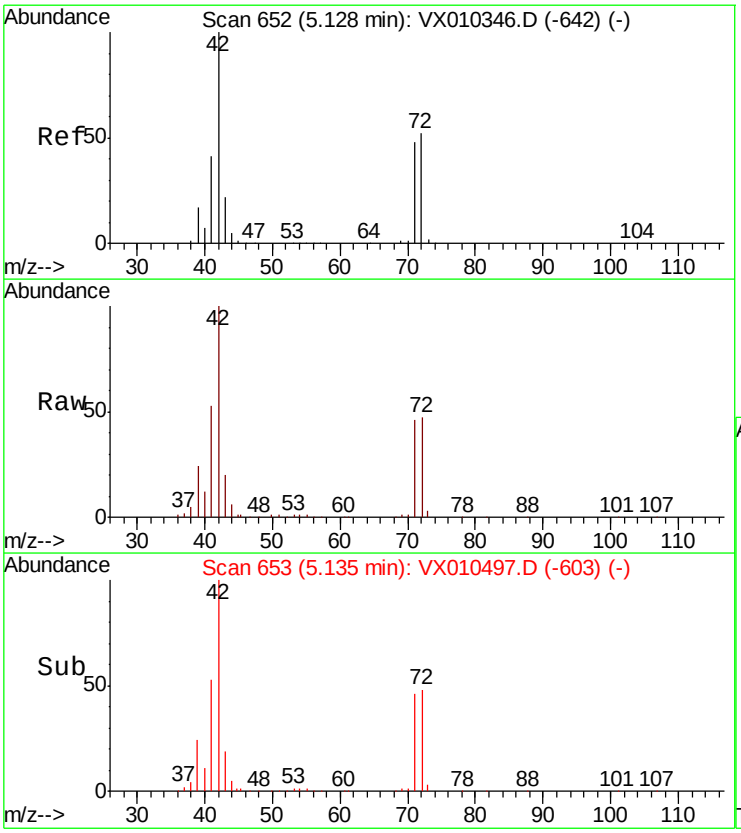
#25
2-Butanone
Concen: 0.386 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 708

Ion	Ratio	Lower	Upper
43	100		
72	25.7	23.3	34.9

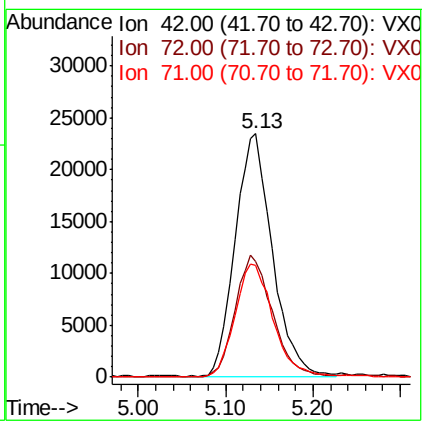


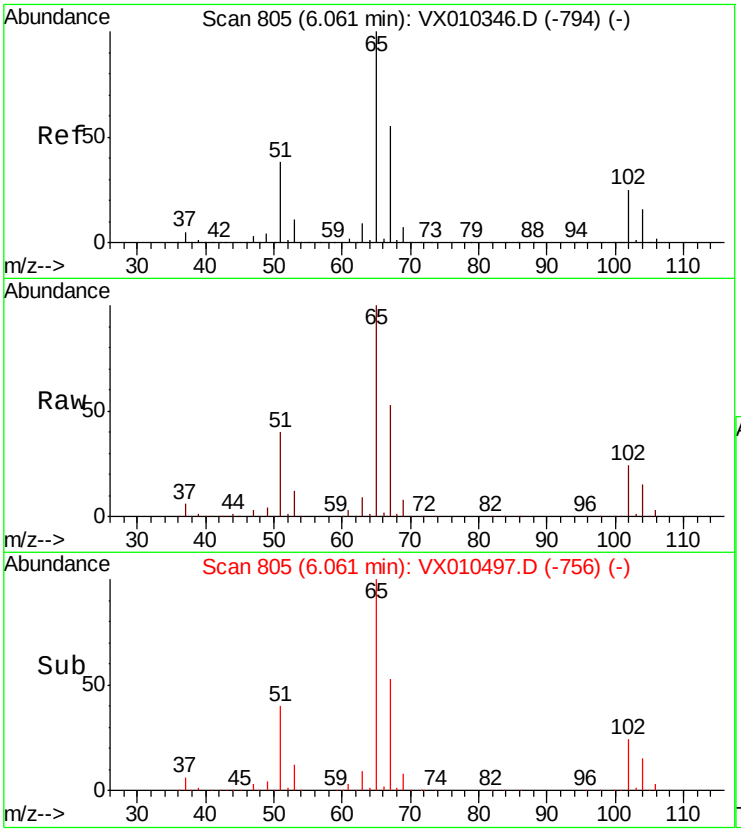


#29
Tetrahydrofuran
Concen: 60.704 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 42 Resp: 68930

Ion	Ratio	Lower	Upper
42	100		
72	50.5	40.6	60.8
71	47.9	37.8	56.8



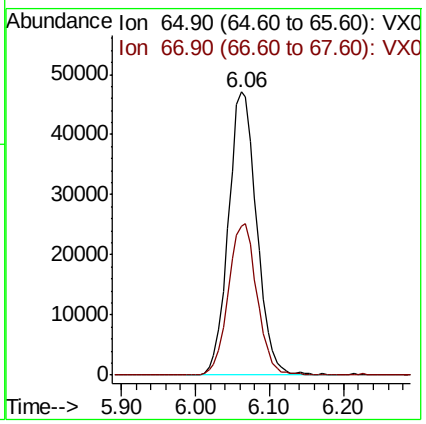


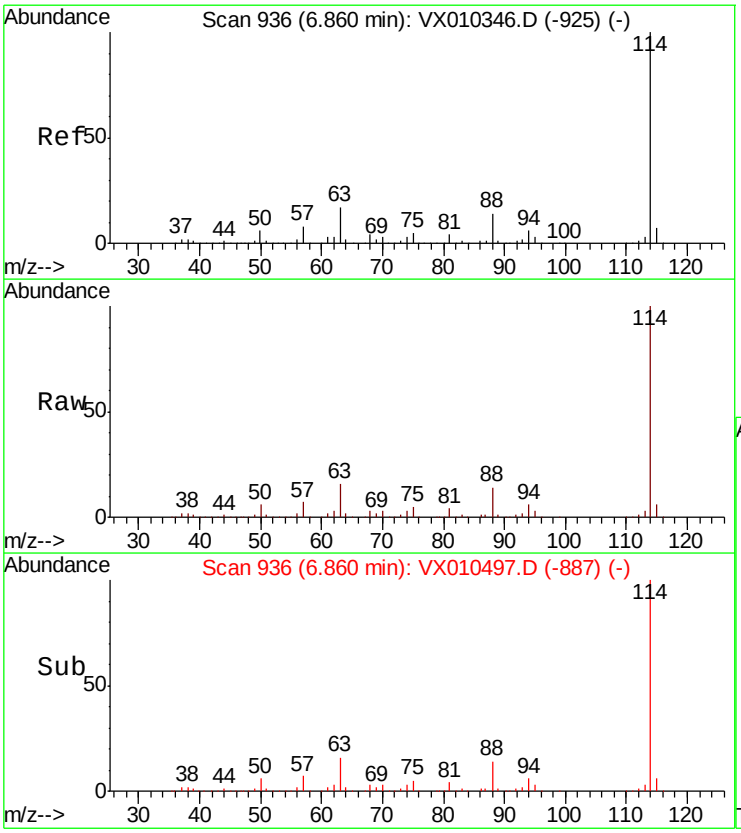
#33
1,2-Dichloroethane-d4
Concen: 50.345 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 125545

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.2

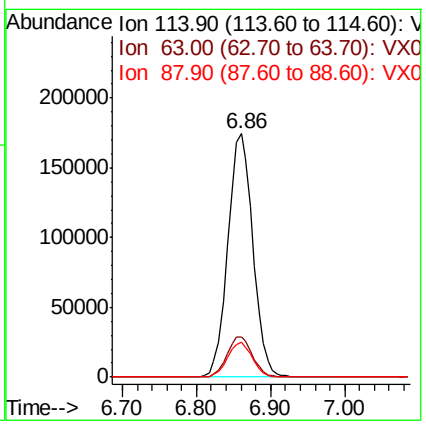


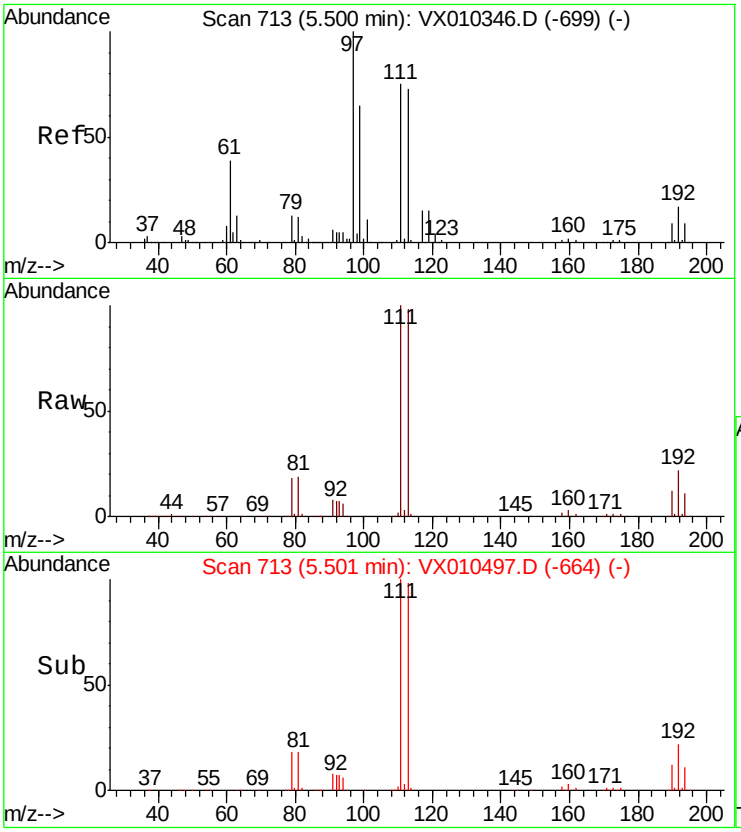


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion:114 Resp: 410756

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	33.8
88	14.4	0.0	27.6



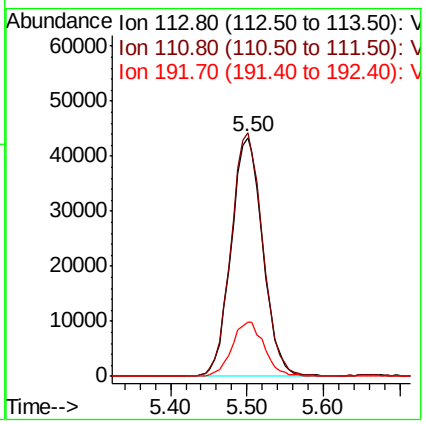


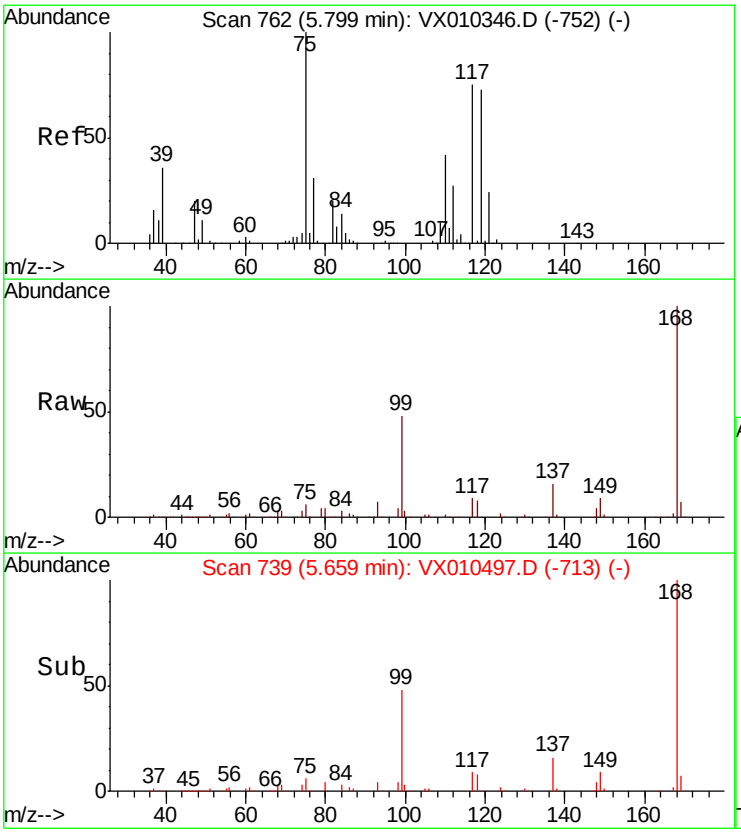
#35
Dibromofluoromethane
Concen: 49.281 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 123851

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	23.1	18.6	27.8

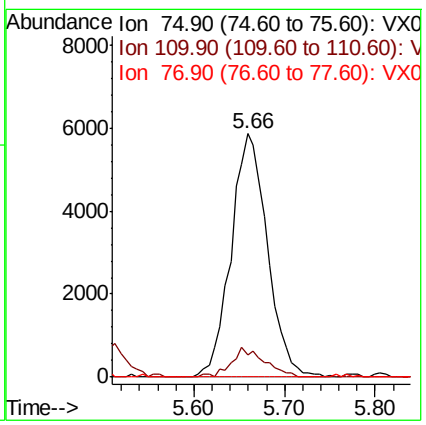


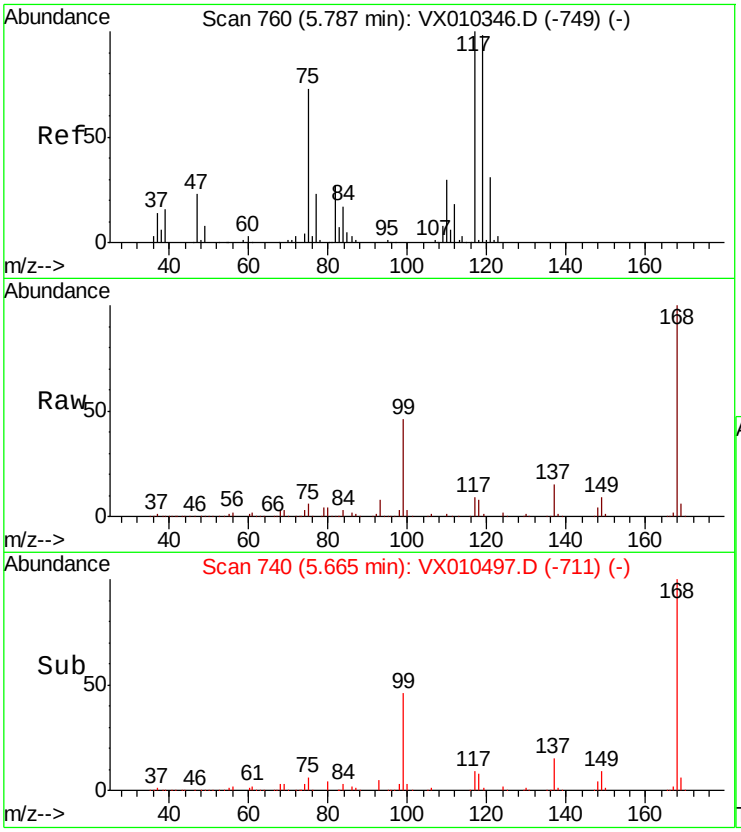


#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 75 Resp: 16296

Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.8	62.2#
77	0.0	25.4	38.0#



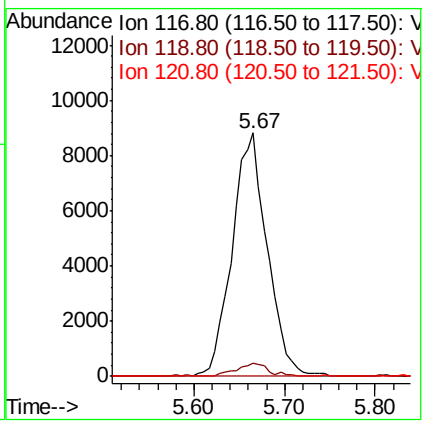


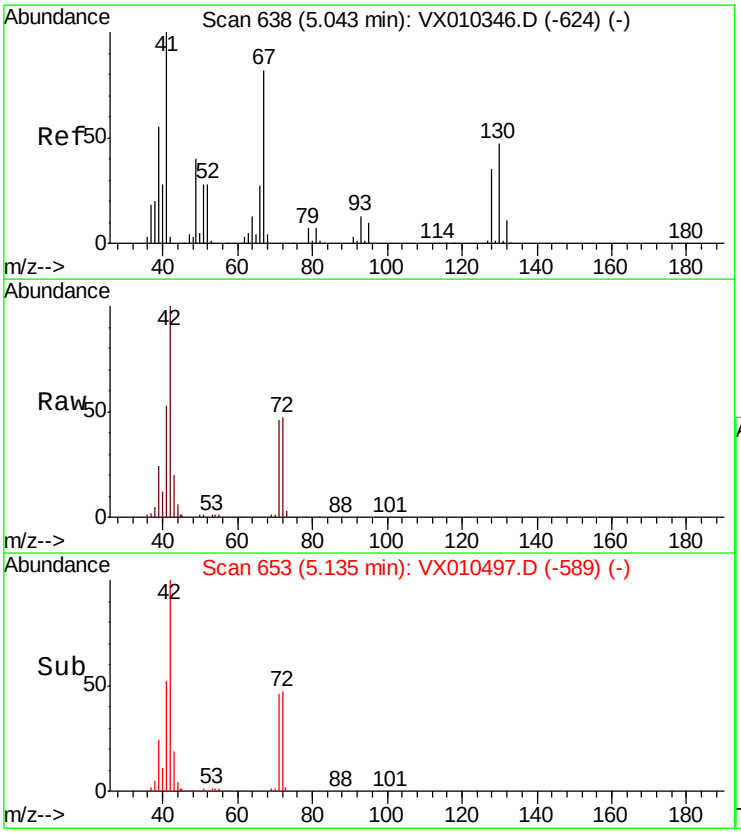
#38
Carbon Tetrachloride
Concen: 6.692 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 23653

Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.2	117.4#
121	0.0	24.7	37.1#

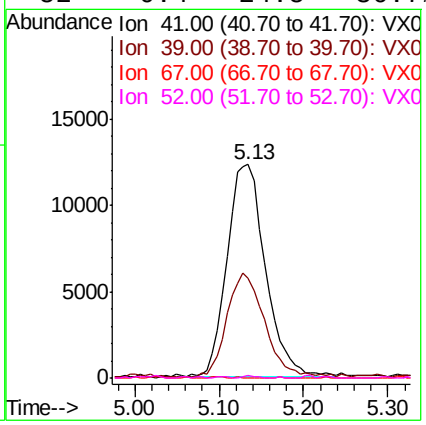


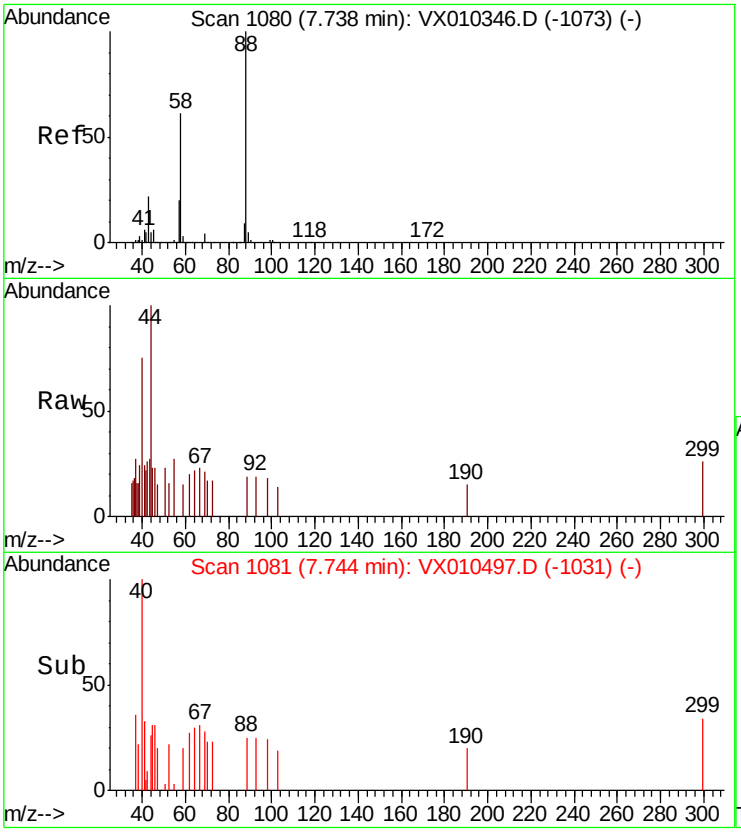


#41
Methacrylonitrile
Concen: 20.425 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.09 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 41 Resp: 37632

Ion	Ratio	Lower	Upper
41	100		
39	47.7	43.8	65.8
67	0.1	66.6	100.0#
52	0.4	24.5	36.7#



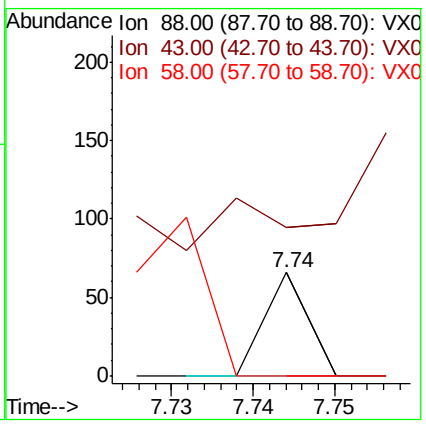


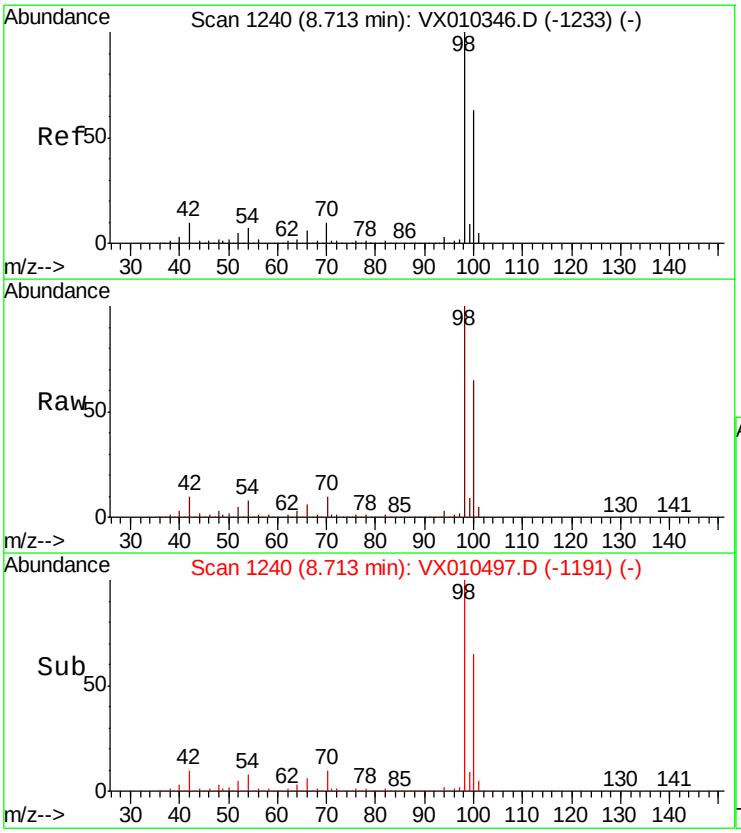
#49
1,4-Dioxane
Concen: 0.323 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.2	30.2#
58	254.2	49.5	74.3#

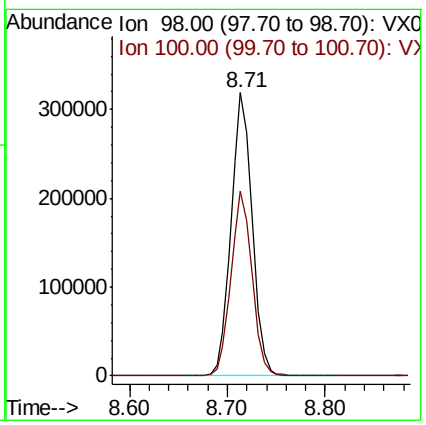


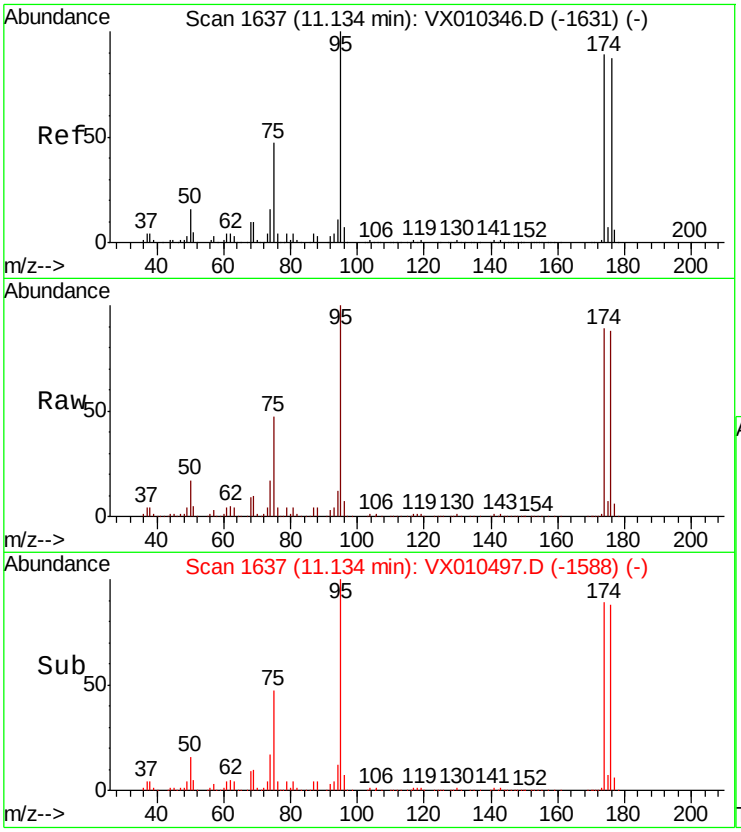


#50
Toluene-d8
Concen: 49.632 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion: 98 Resp: 477207

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4



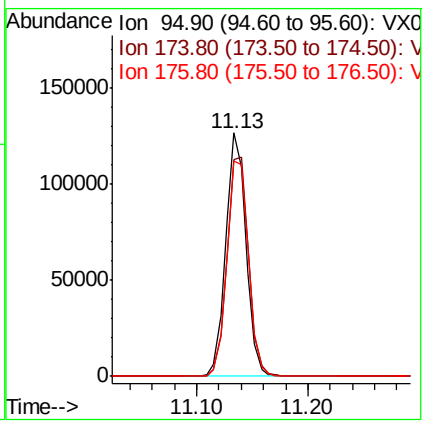


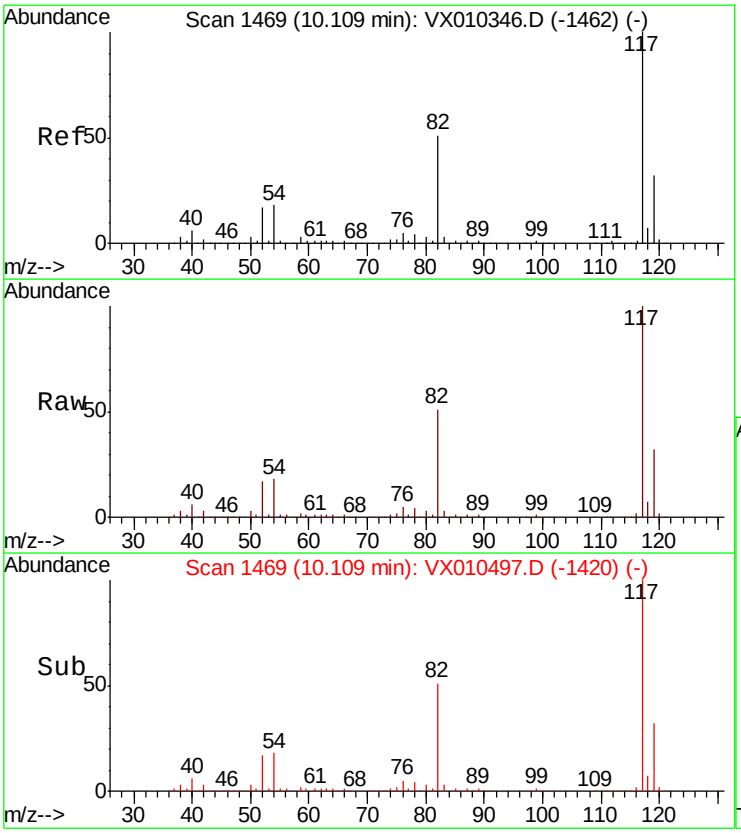
#62
4-Bromofluorobenzene
Concen: 45.810 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 159016

Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	187.6
176	94.1	0.0	184.0

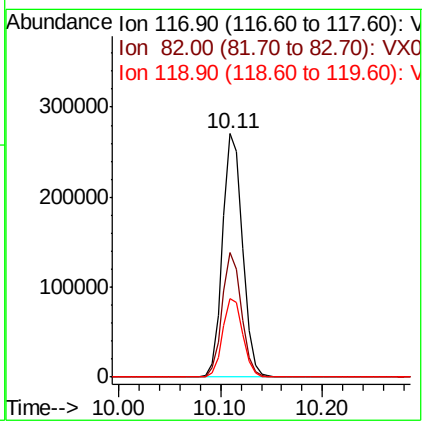


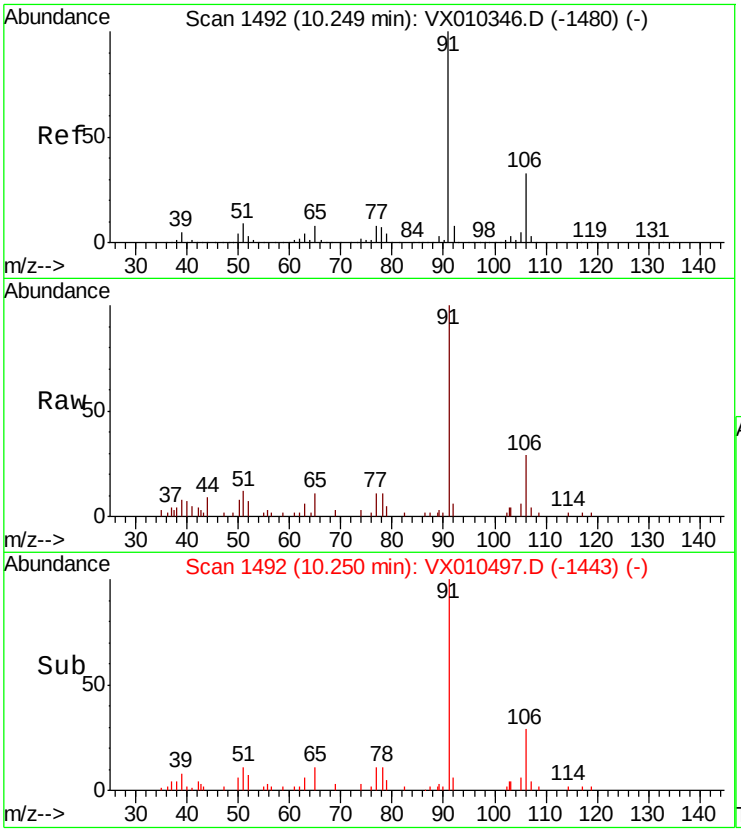


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion:117 Resp: 367604

Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.2	61.8
119	32.4	25.5	38.3



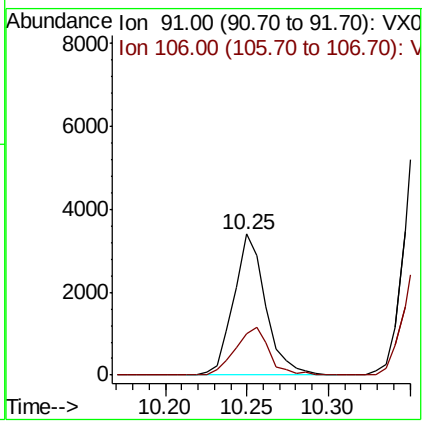


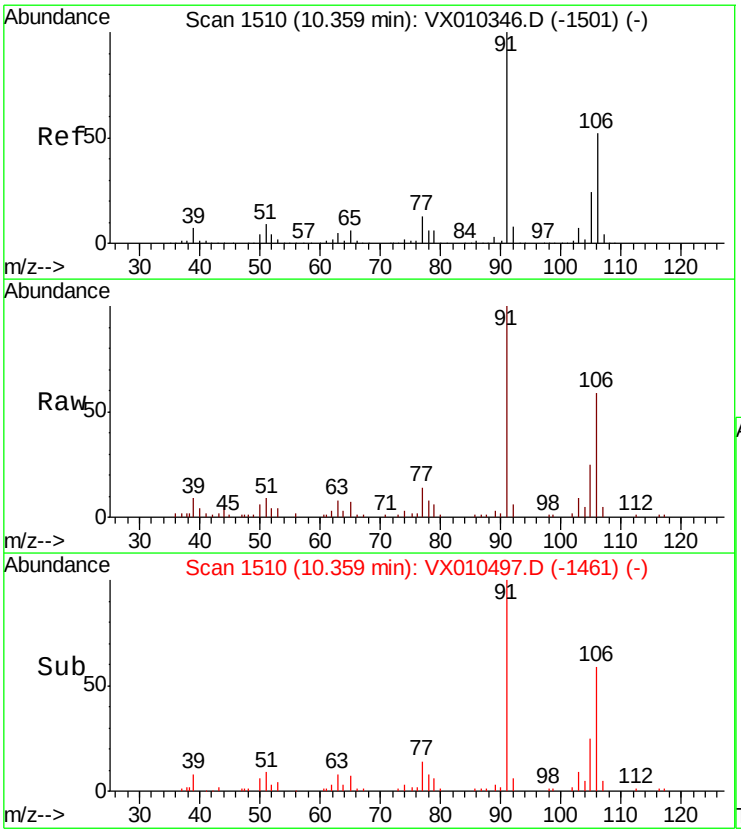
#67
Ethyl Benzene
Concen: 0.370 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 4668

Ion	Ratio	Lower	Upper
91	100		
106	29.3	26.2	39.2

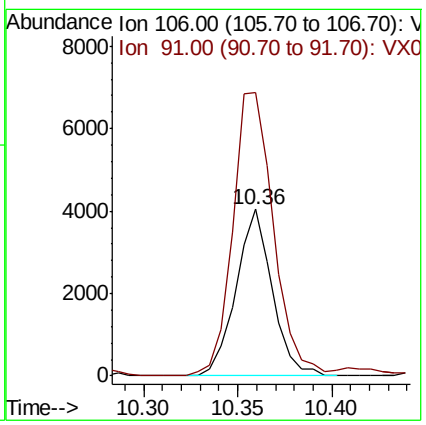


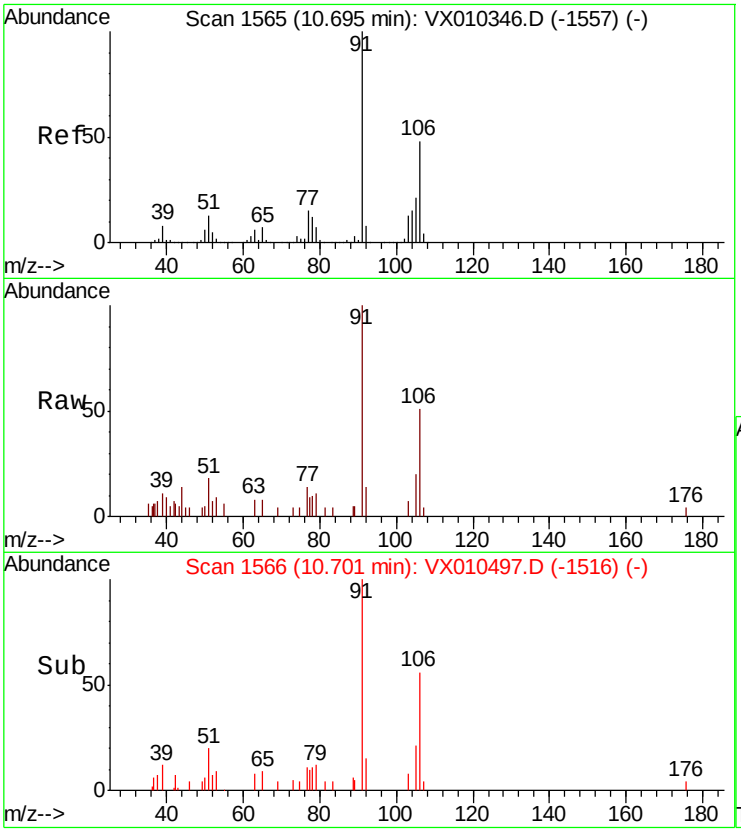


#68
m/p-Xylenes
Concen: 1.097 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion:106 Resp: 5356

Ion	Ratio	Lower	Upper
106	100		
91	192.8	155.3	232.9



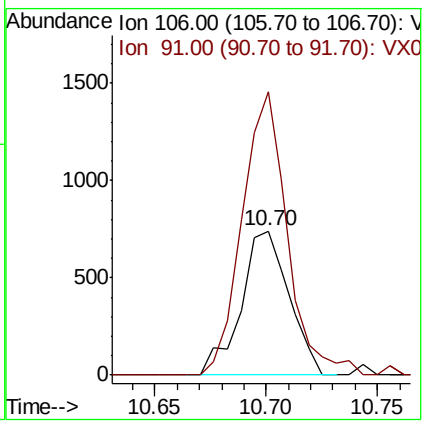


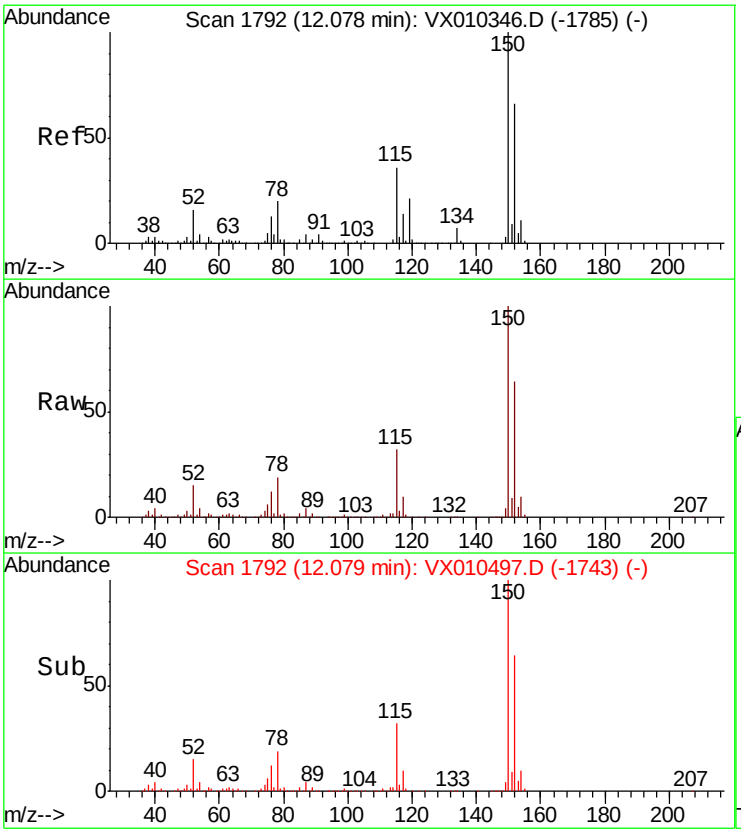
#69
o-Xylene
Concen: 0.232 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1112

Ion	Ratio	Lower	Upper
106	100		
91	185.0	102.7	308.1

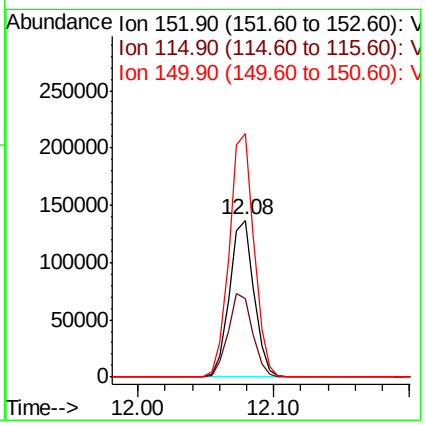


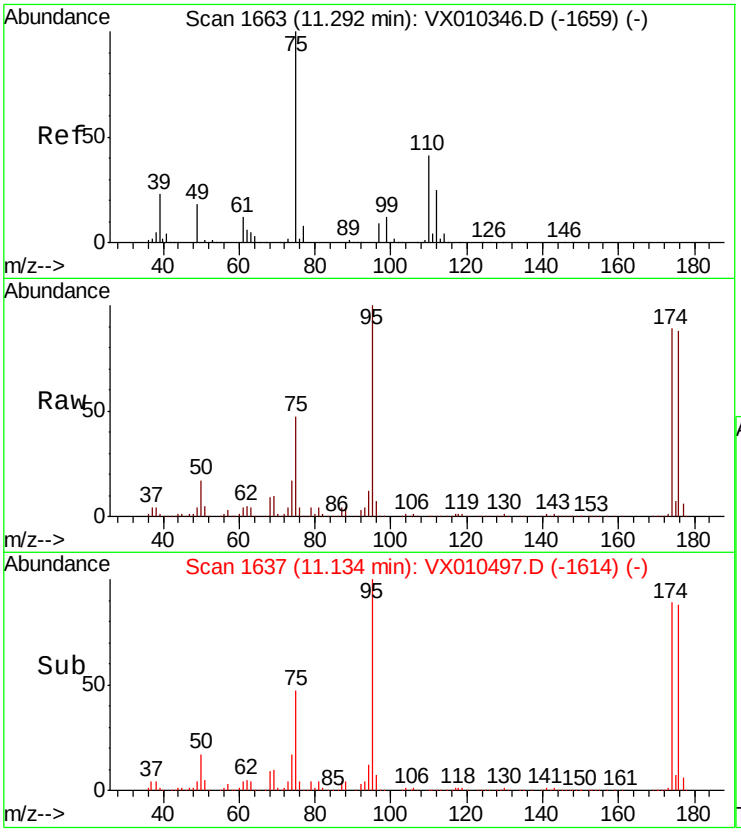


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion:152 Resp: 171163

Ion	Ratio	Lower	Upper
152	100		
115	53.5	38.6	115.7
150	156.6	0.0	347.4



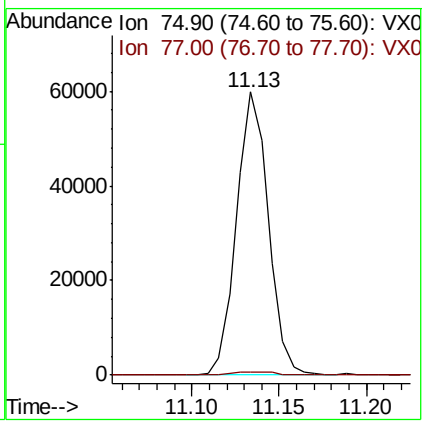


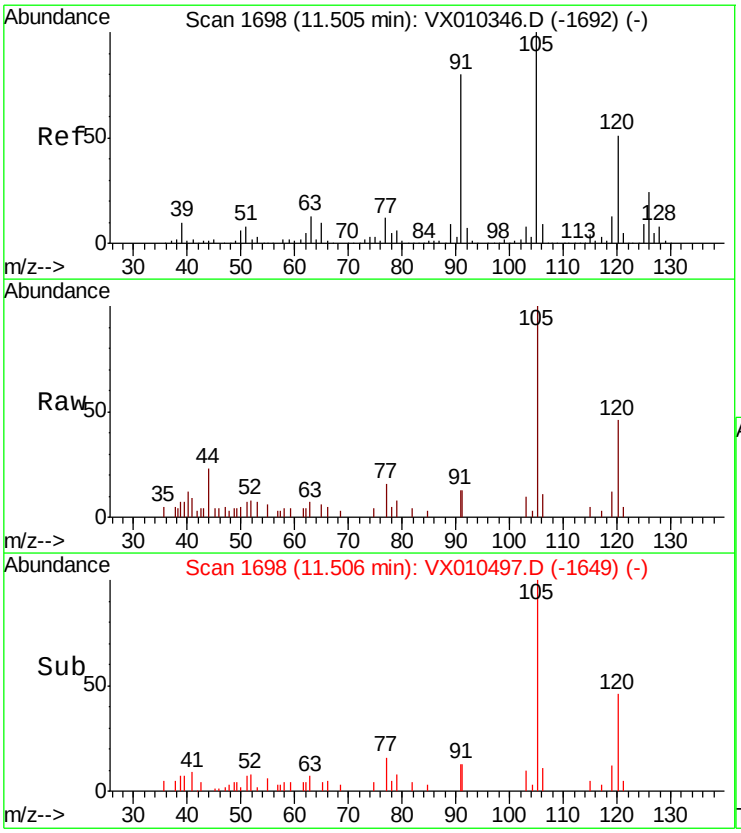
#76
1,2,3-Trichloropropane
Concen: 24.303 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 75801

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.6	67.8#

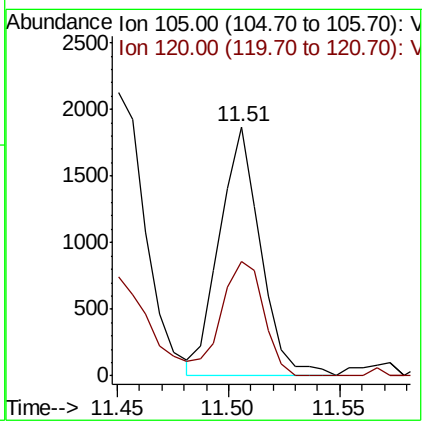


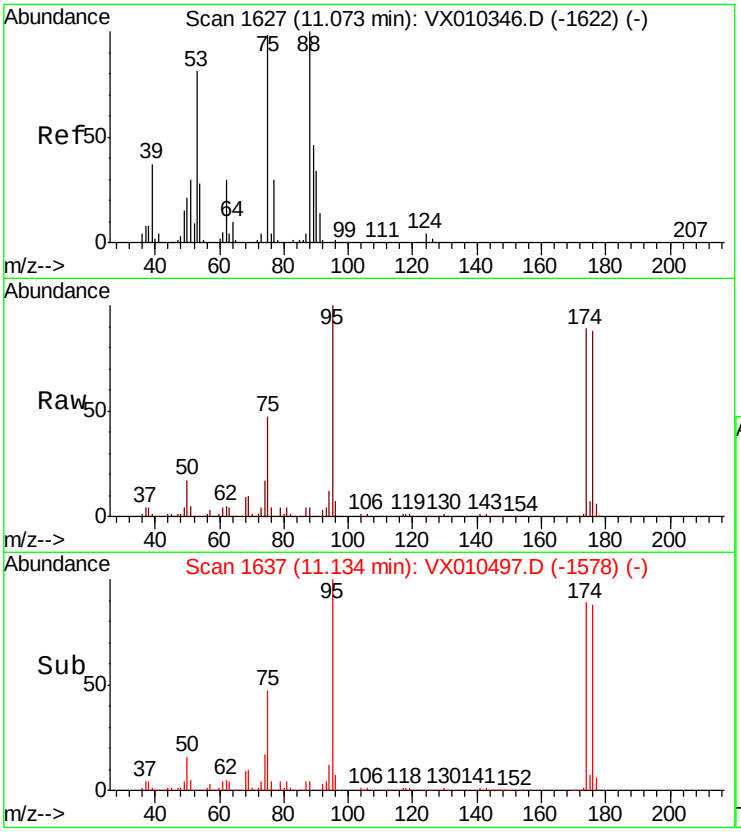


#80
1,3,5-Trimethylbenzene
Concen: 0.250 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion:105 Resp: 2394

Ion	Ratio	Lower	Upper
105	100		
120	47.6	25.2	75.6



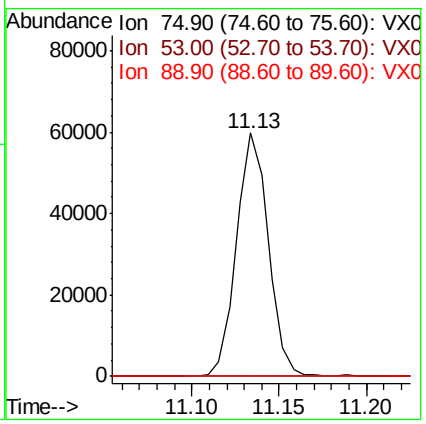


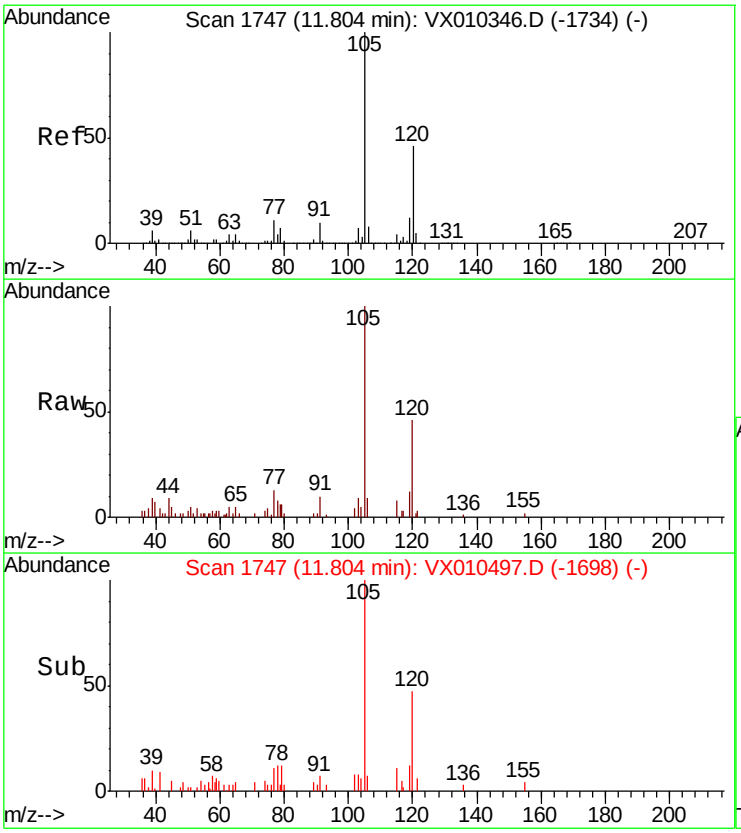
#81
trans-1,4-Dichloro-2-butene
Concen: 56.696 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 75801

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.1	99.1#
89	0.0	37.8	56.6#

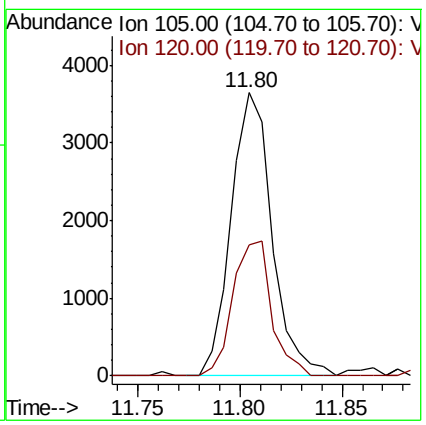


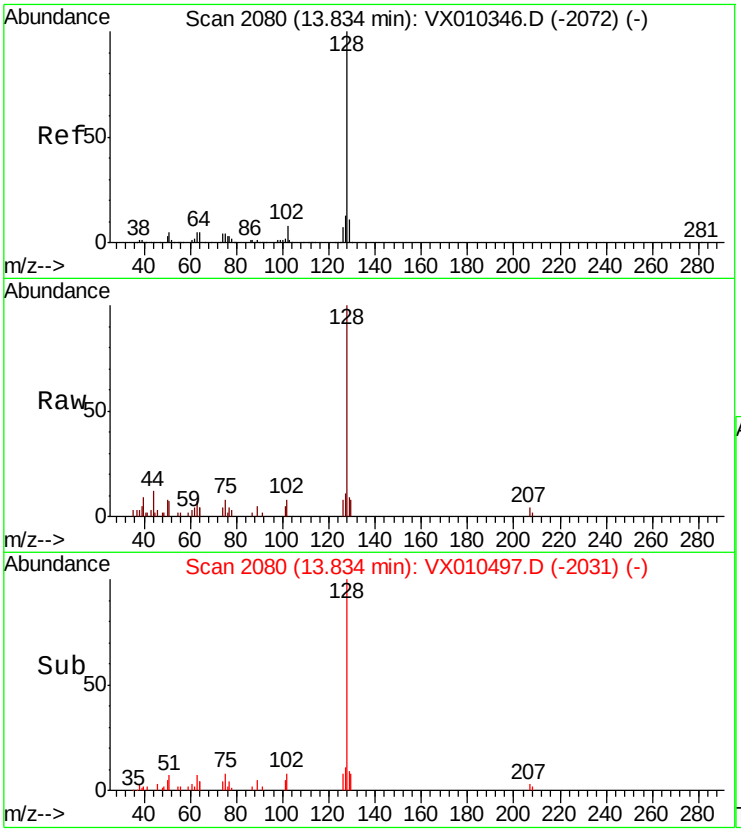


#84
1,2,4-Trimethylbenzene
Concen: 0.529 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Tgt Ion:105 Resp: 5080

Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.2





#95
Naphthalene
Concen: 0.370 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010497.D
Acq: 27 Jun 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 4426

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	15.8	8.9	13.3#