Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX122018\
Data File : VX006698.D
Acq On : 21 Dec 2018 02:01
Operator : JC/MD
Sample : J6514-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0499

Quant Time: Dec 22 04:43:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	647510	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1029347	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	951227	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	456661	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	353600	50.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.34%				
35) Dibromofluoromethane	5.51	113	311548	47.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.72%				
50) Toluene-d8	8.71	98	1215336	49.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.04%				
62) 4-Bromofluorobenzene	11.13	95	444497	49.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.92%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	1972485	295.939	ug/l		98
12) 1,1-Dichloroethene	2.38	96	18591	3.213	ug/l		91
16) Acetone	2.45	43	20233	6.311	ug/l		99
21) trans-1,2-Dichloroethene	3.17	96	563601	87.923	ug/l		98
27) cis-1,2-Dichloroethene	4.60	96	8401478	1187.925	ug/l		93
44) Trichloroethene	7.22	130	25664338m	3272.075	ug/l		
52) Toluene	8.79	92	87056	5.200	ug/l		98
64) Tetrachloroethene	9.34	164	4959	0.658	ug/l	#	80
67) Ethyl Benzene	10.25	91	15259	0.464	ug/l		100
68) m/p-Xylenes	10.36	106	16787	1.294	ug/l		96
69) o-Xylene	10.70	106	6241	0.487	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	10922	0.424	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	32568	1.203	ug/l		95
95) Naphthalene	13.83	128	8926	0.266	ug/l	#	89

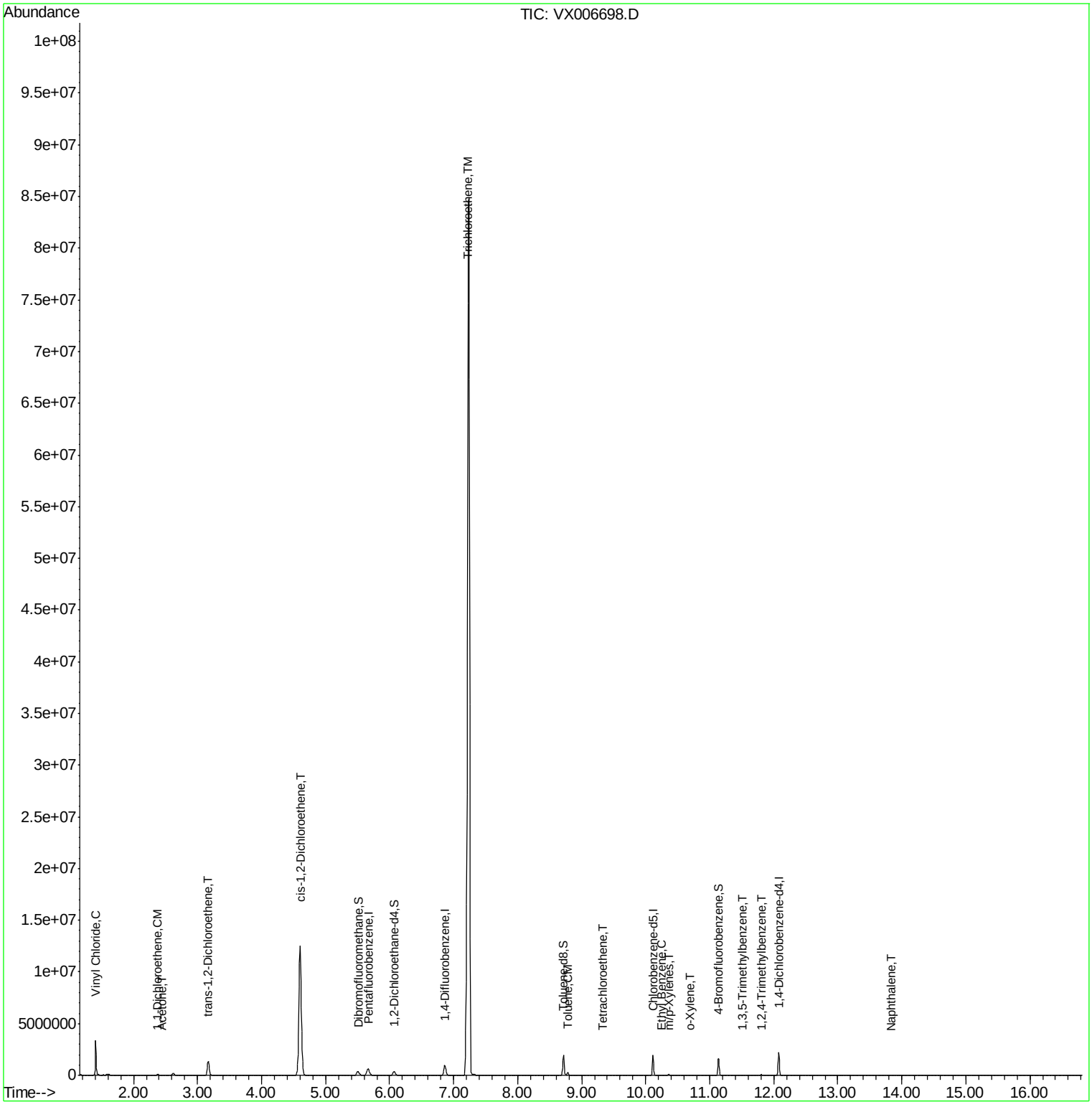
(#) = qualifier out of range (m) = manual integration (+) = signals summed

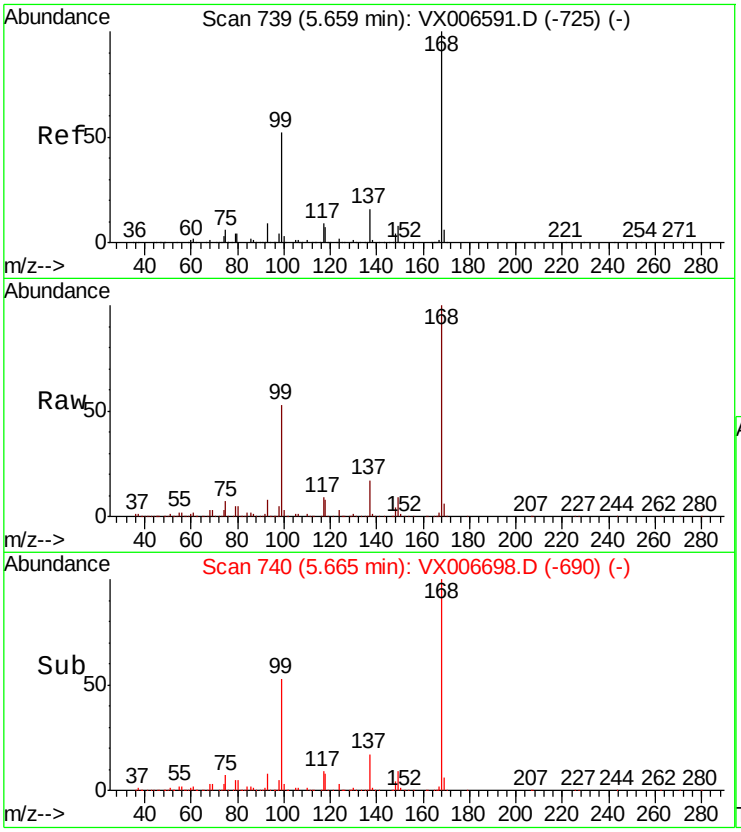
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX122018\
Data File : VX006698.D
Acq On : 21 Dec 2018 02:01
Operator : JC/MD
Sample : J6514-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Quant Time: Dec 22 04:43:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



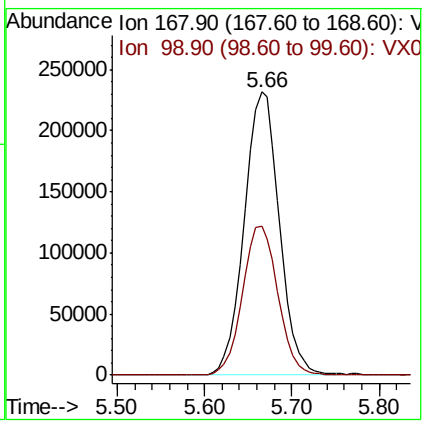


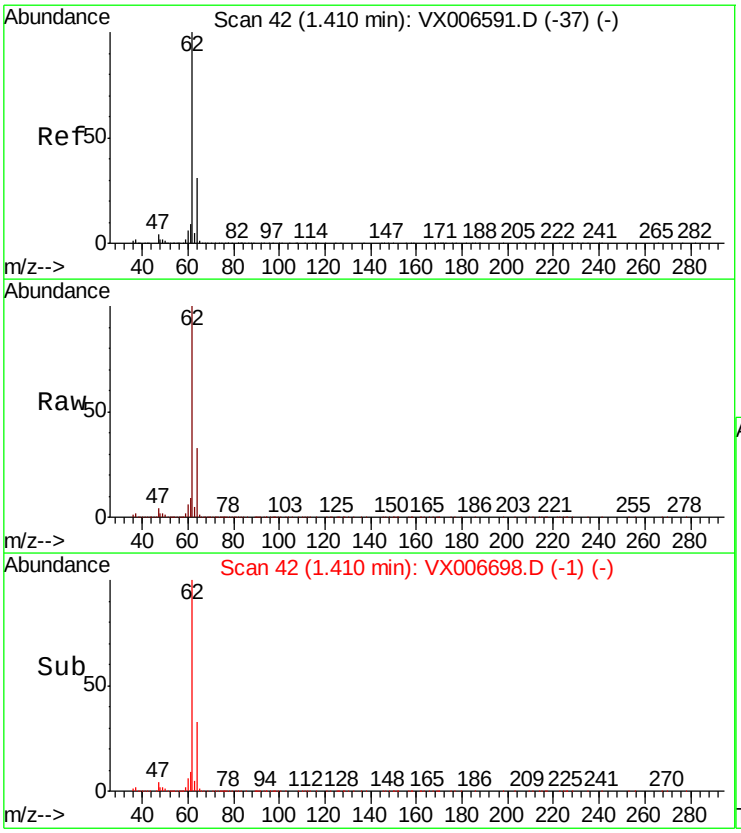
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion:168 Resp: 647510

Ion	Ratio	Lower	Upper
168	100		
99	52.5	41.8	62.8

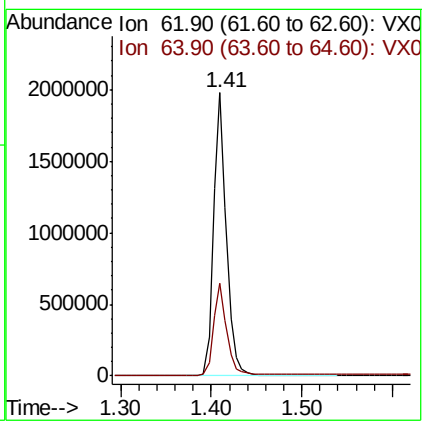


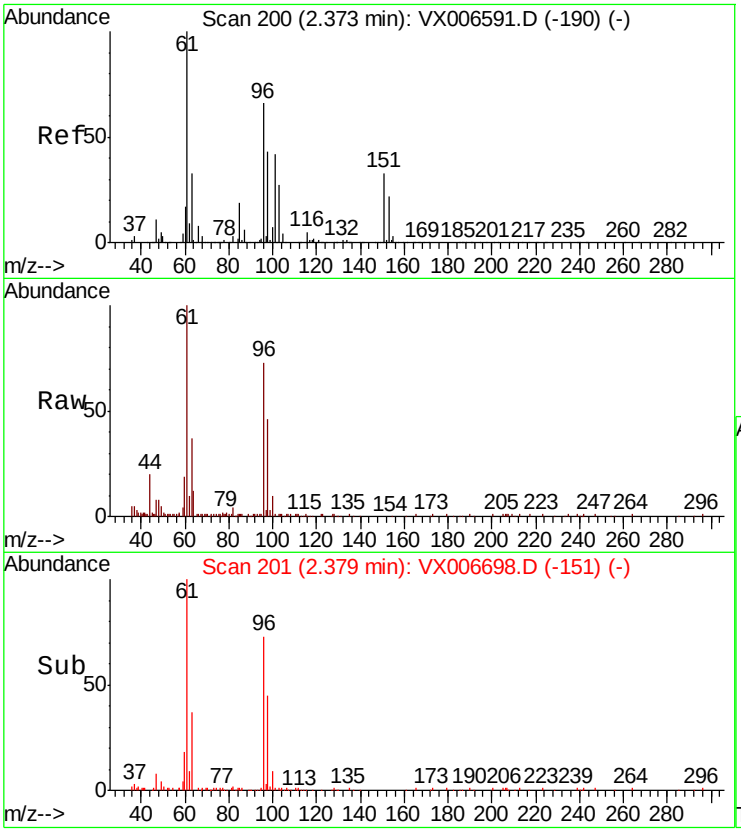


#4
Vinyl Chloride
Concen: 295.939 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 62 Resp: 1972485

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.1	37.7



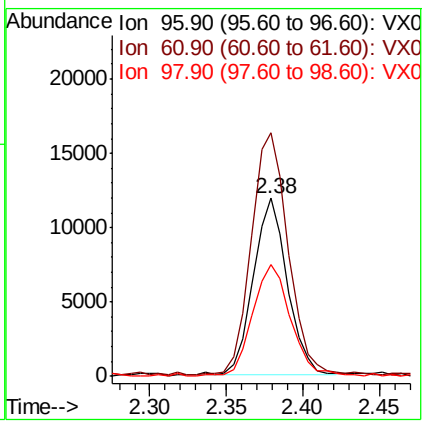


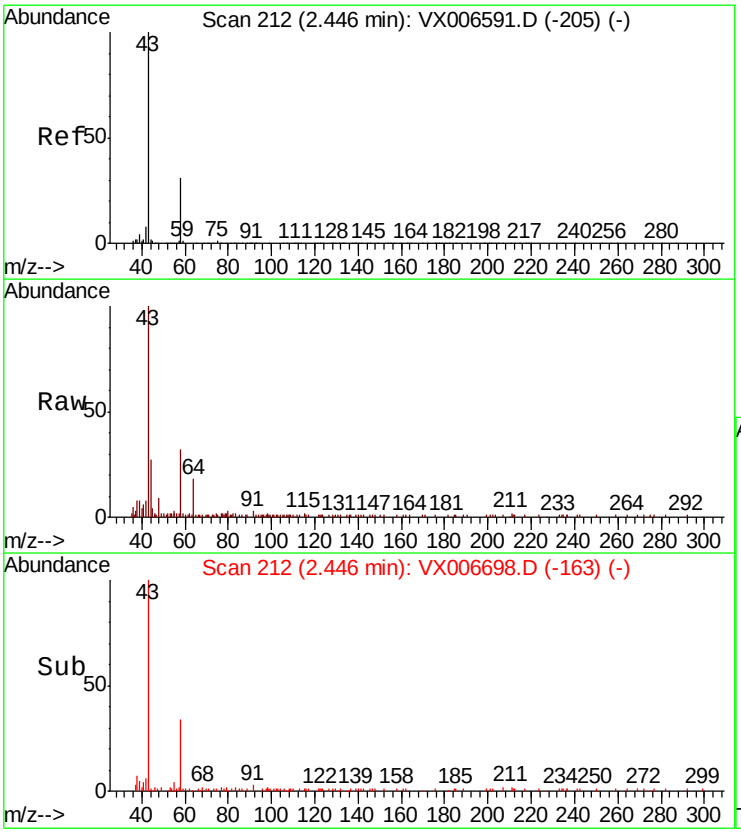
#12
1,1-Dichloroethene
Concen: 3.213 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument : MSVOA_X
ClientSampleId : S49-0499

Tgt Ion: 96 Resp: 18591

Ion	Ratio	Lower	Upper
96	100		
61	136.6	121.4	182.2
98	62.5	51.9	77.9

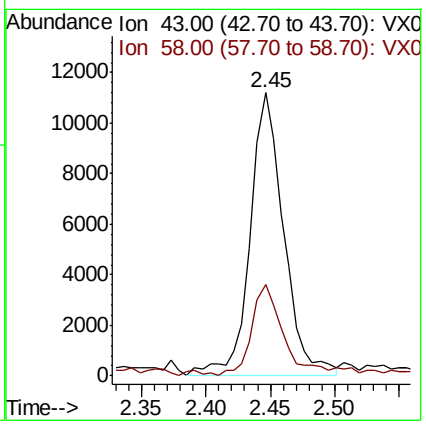


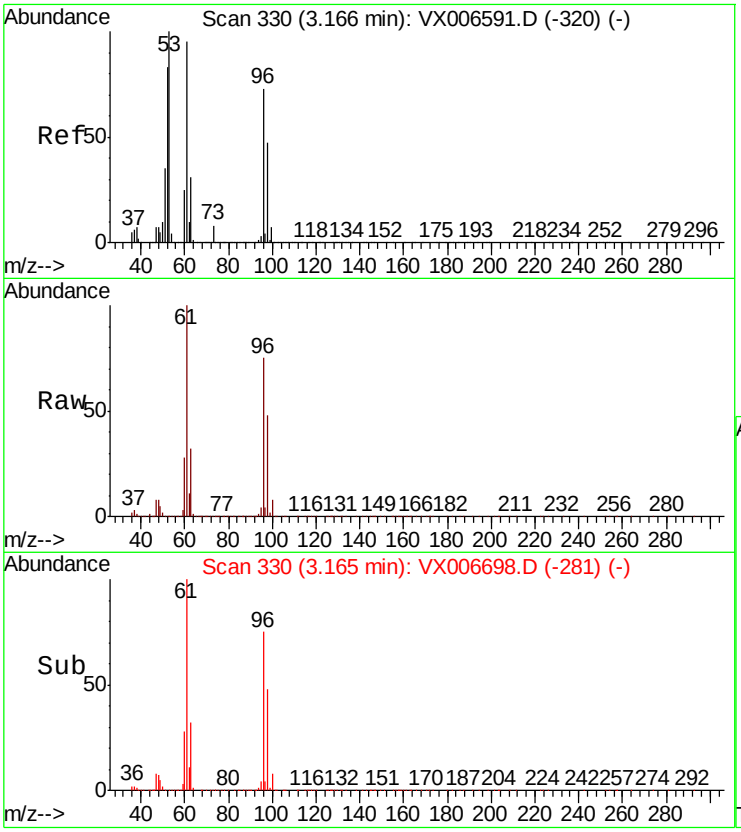


#16
Acetone
Concen: 6.311 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 43 Resp: 20233

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.0	37.6



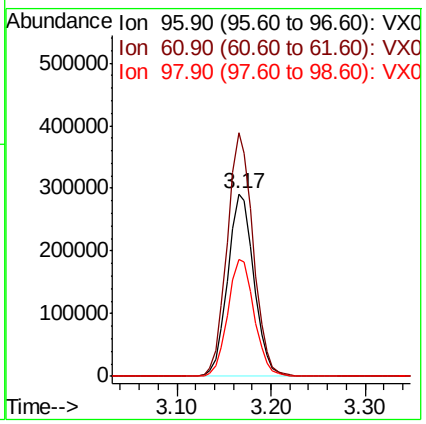


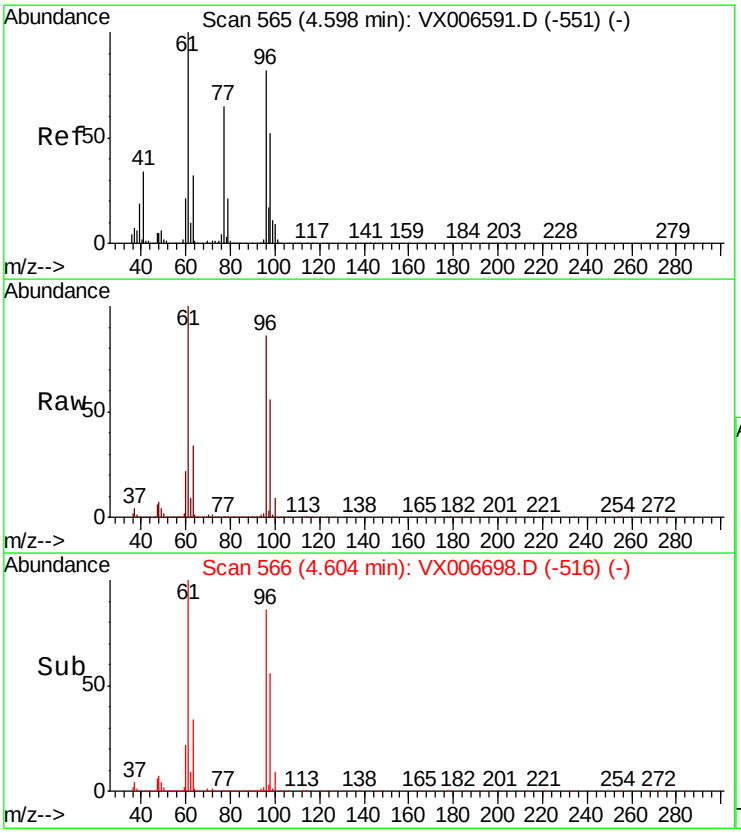
#21
trans-1,2-Dichloroethene
Concen: 87.923 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion: 96 Resp: 563601

Ion	Ratio	Lower	Upper
96	100		
61	133.5	103.7	155.5
98	64.0	51.0	76.6

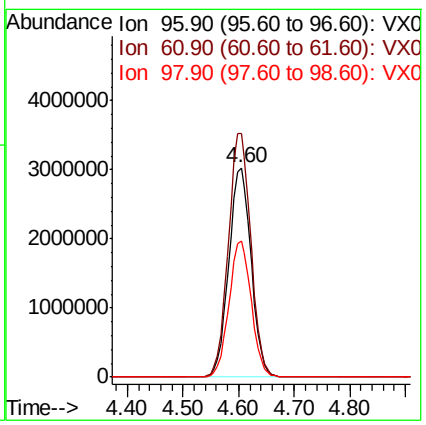


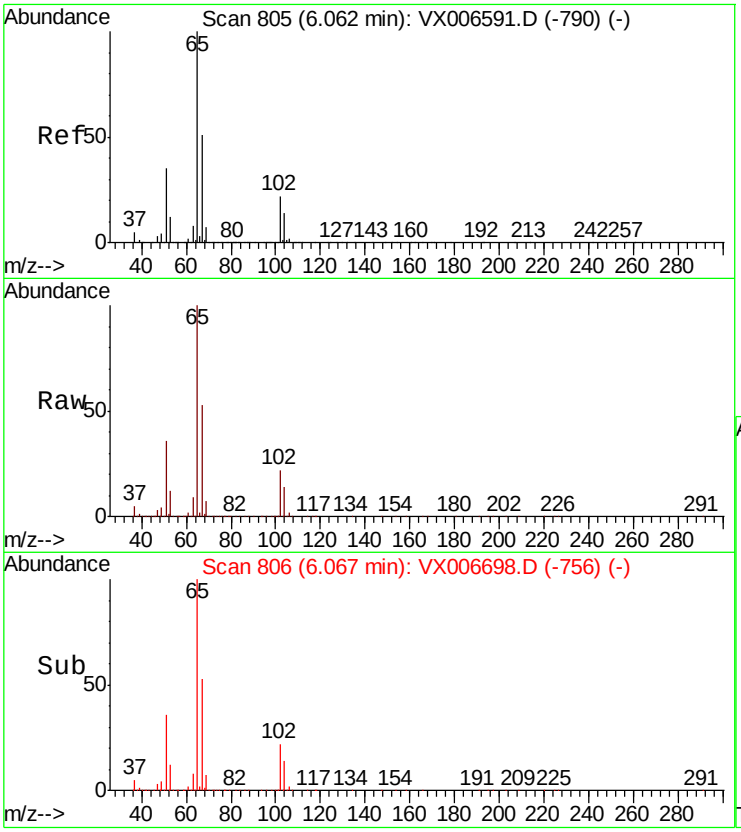


#27
cis-1,2-Dichloroethene
Concen: 1187.925 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 96 Resp: 8401478

Ion	Ratio	Lower	Upper
96	100		
61	117.1	0.0	258.6
98	64.8	0.0	132.0



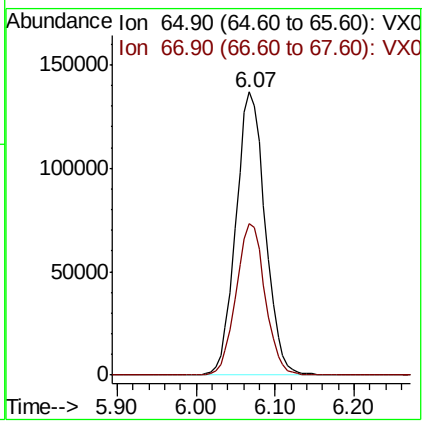


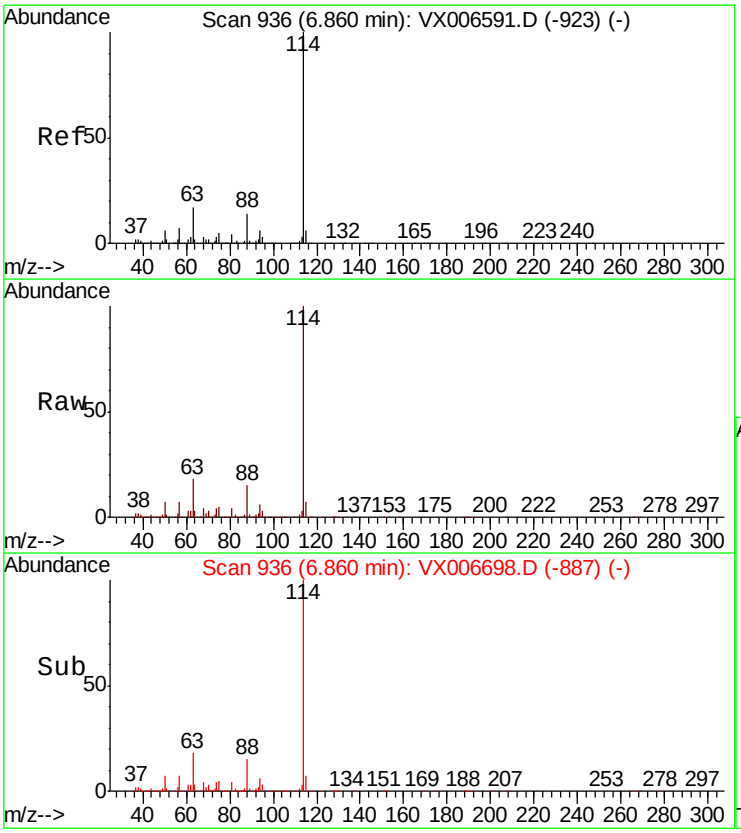
#33
1,2-Dichloroethane-d4
Concen: 50.669 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument : MSVOA_X
ClientSampleId : S49-0499

Tgt Ion: 65 Resp: 353600

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0

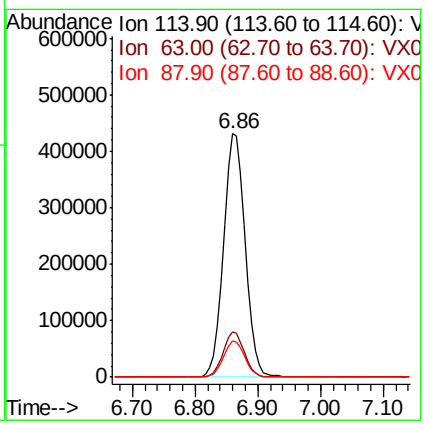


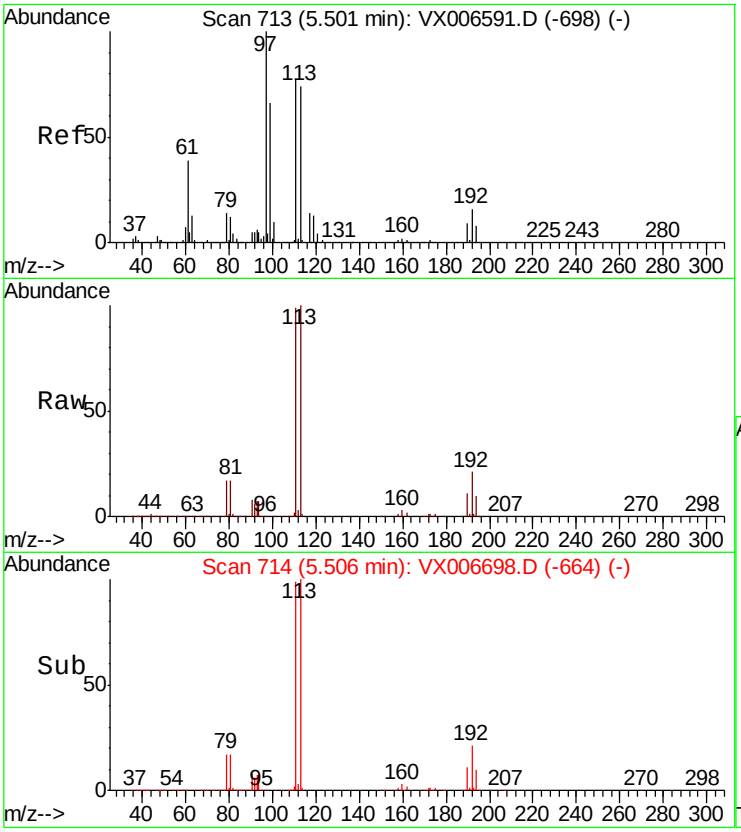


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion:114 Resp: 1029347

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.8
88	14.9	0.0	28.8



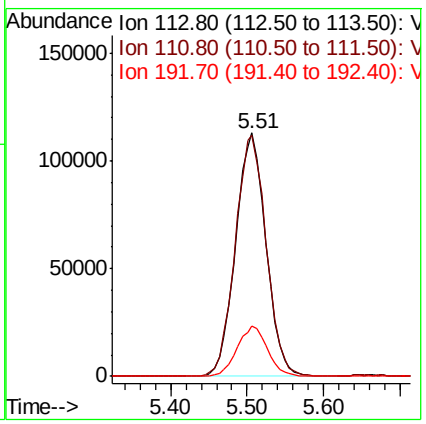


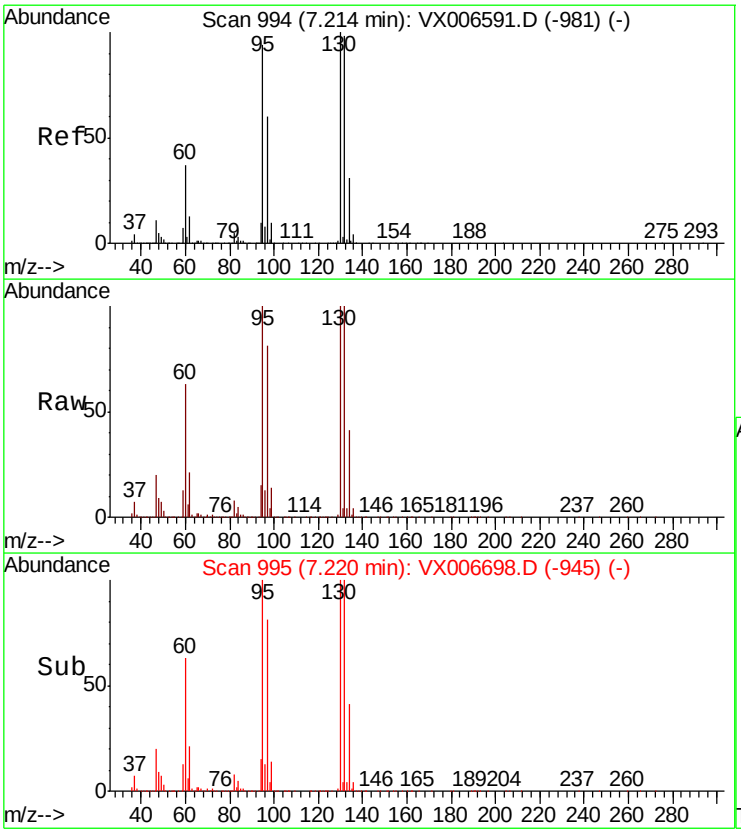
#35
Dibromofluoromethane
Concen: 47.861 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion:113 Resp: 311548

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.6	122.4
192	20.6	16.7	25.1

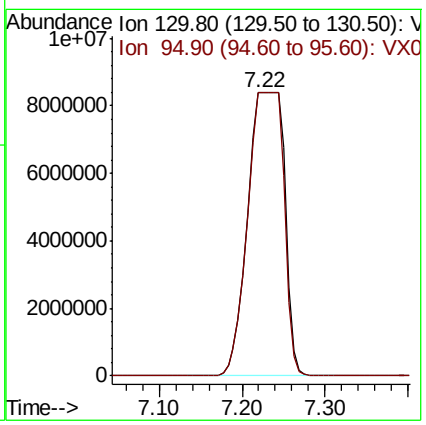


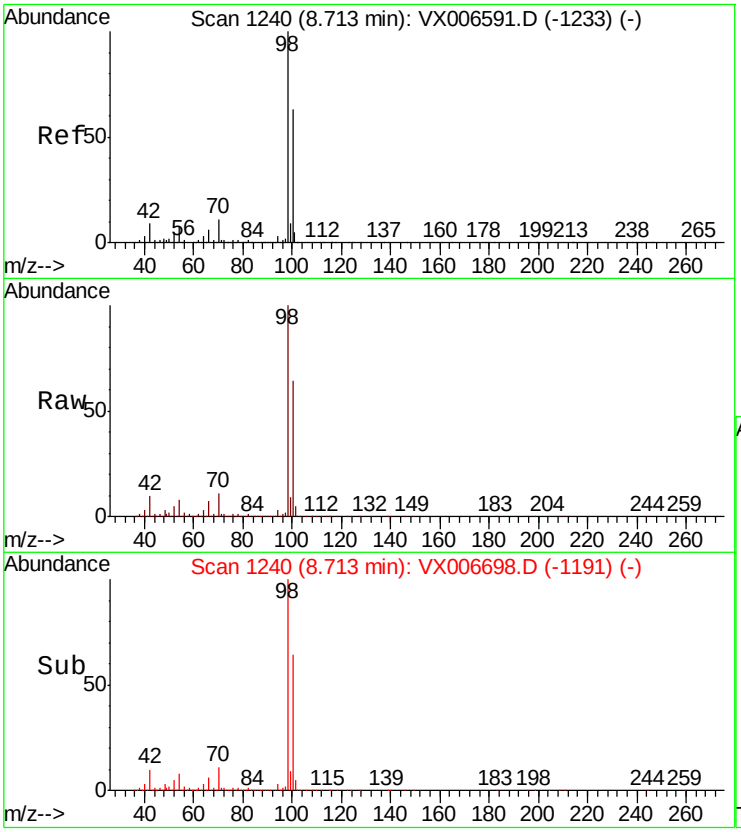


#44
Trichloroethene
Concen: 3272.075 ug/l m
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion:130 Resp:25664338

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	187.0



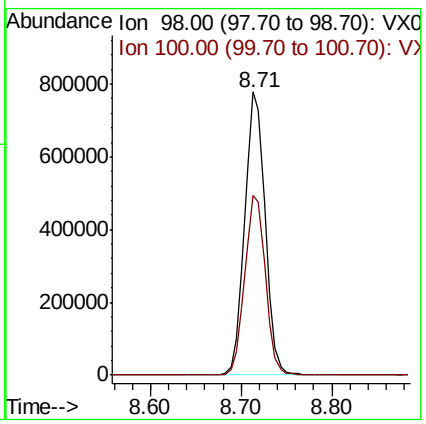


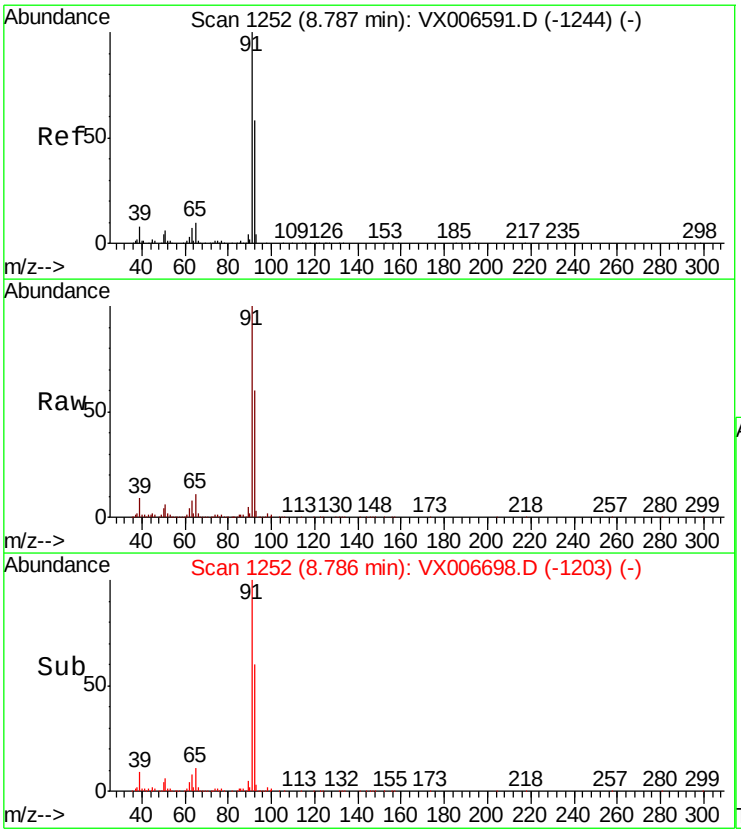
#50
Toluene-d8
Concen: 49.523 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion: 98 Resp: 1215336

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

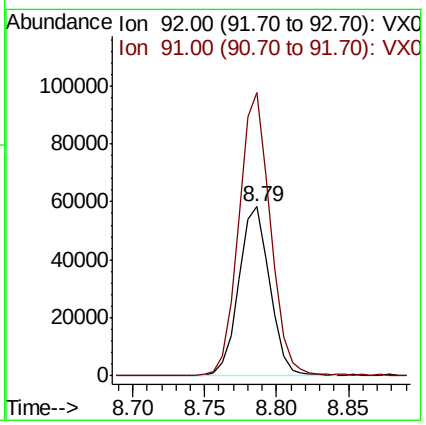


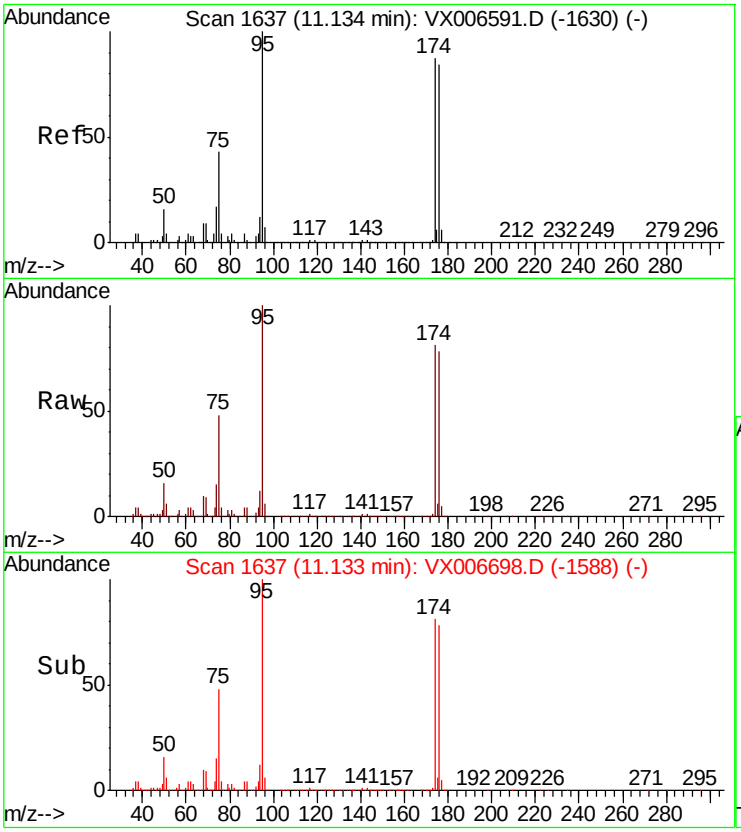


#52
Toluene
Concen: 5.200 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 92 Resp: 87056

Ion	Ratio	Lower	Upper
92	100		
91	169.2	137.6	206.4



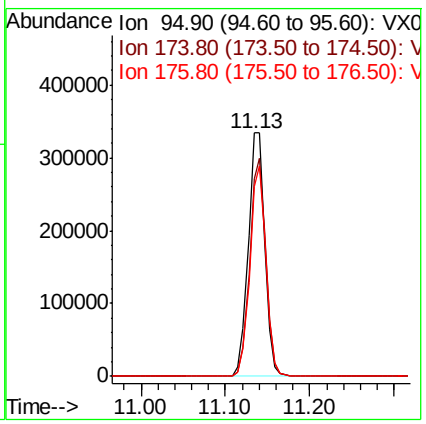


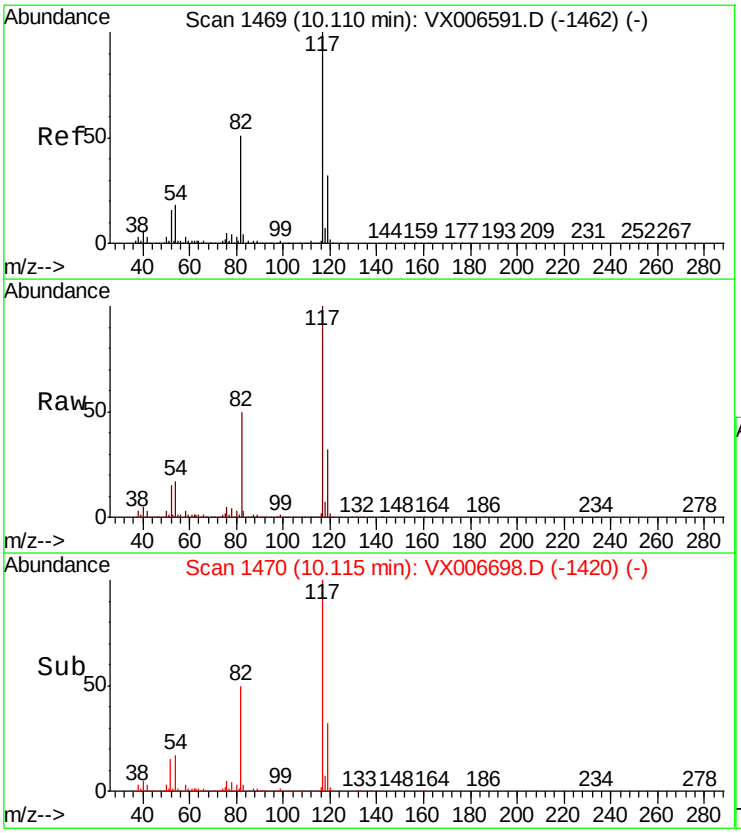
#62
4-Bromofluorobenzene
Concen: 49.456 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument : MSVOA_X
ClientSampleId : S49-0499

Tgt Ion: 95 Resp: 444497

Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	182.2
176	84.0	0.0	178.8

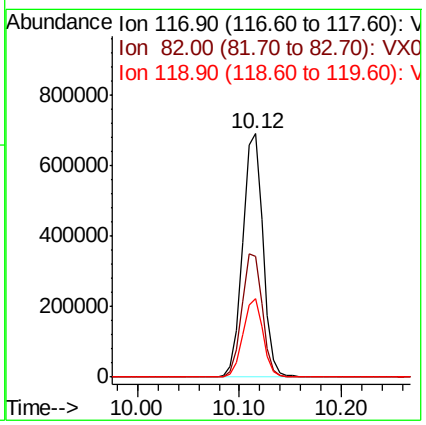


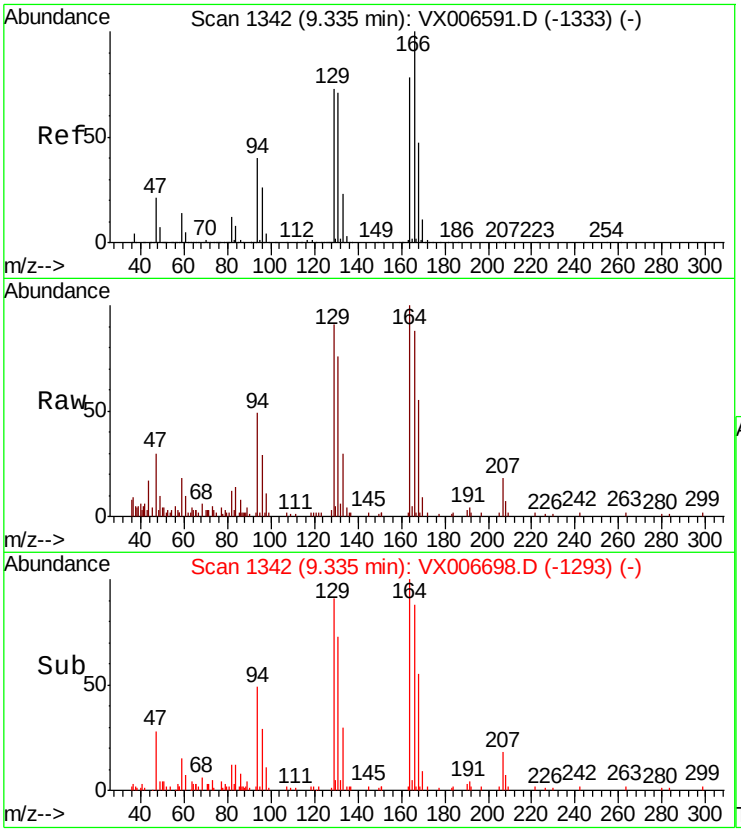


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion:117 Resp: 951227

Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.0	61.6
119	32.3	25.4	38.0



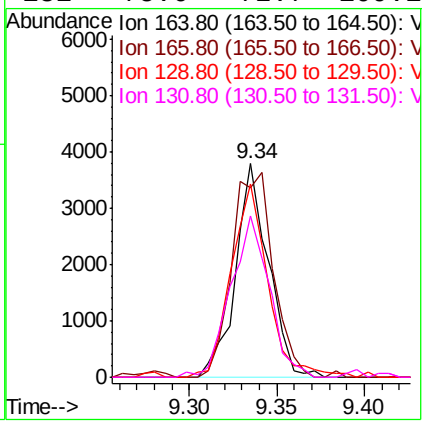


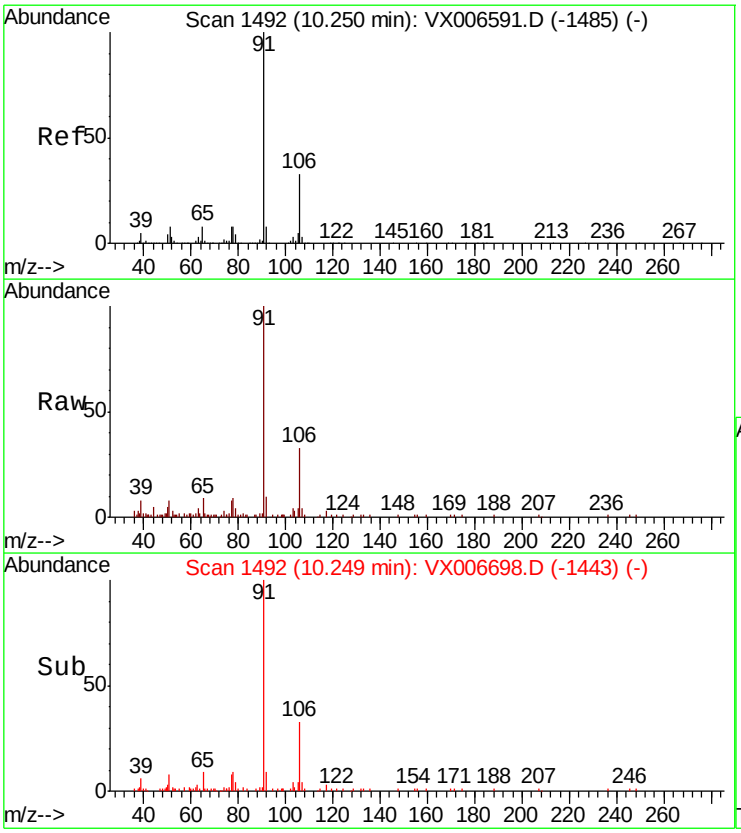
#64
Tetrachloroethene
Concen: 0.658 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion:164 Resp: 4959

Ion	Ratio	Lower	Upper
164	100		
166	88.4	102.5	153.7#
129	90.7	75.1	112.7
131	75.6	72.7	109.1

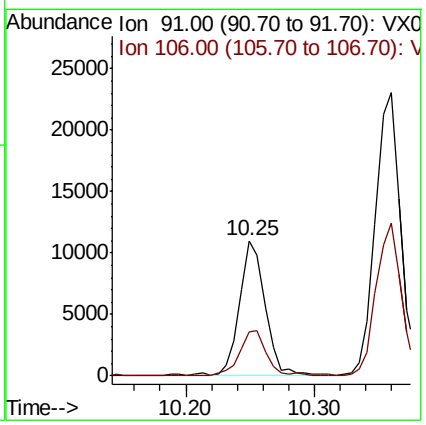


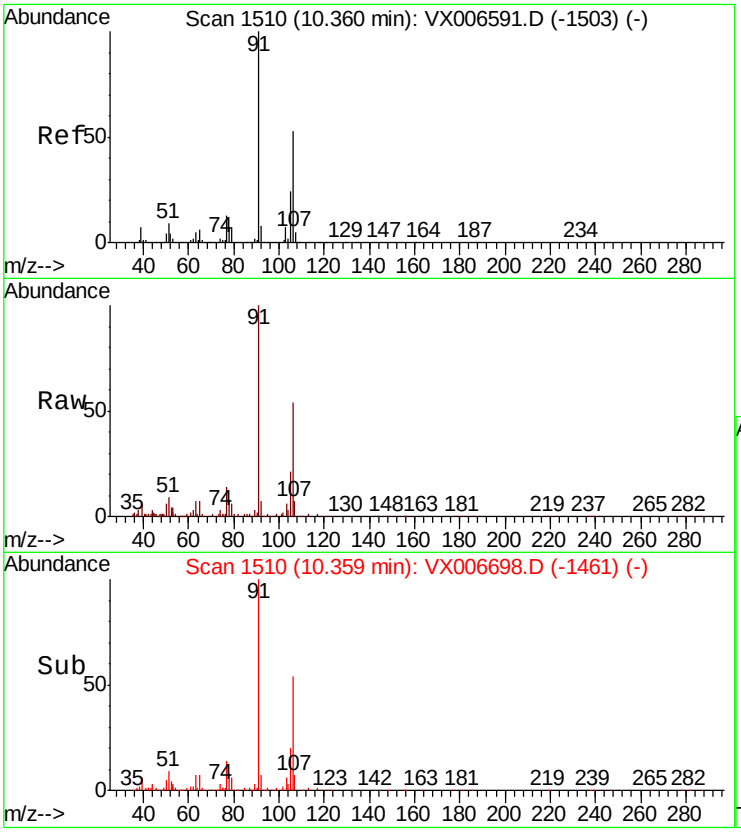


#67
Ethyl Benzene
Concen: 0.464 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 91 Resp: 15259

Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.4	39.6



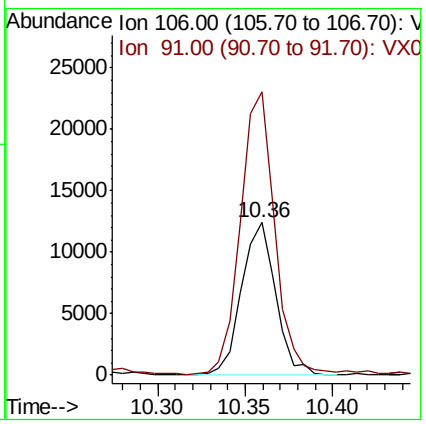


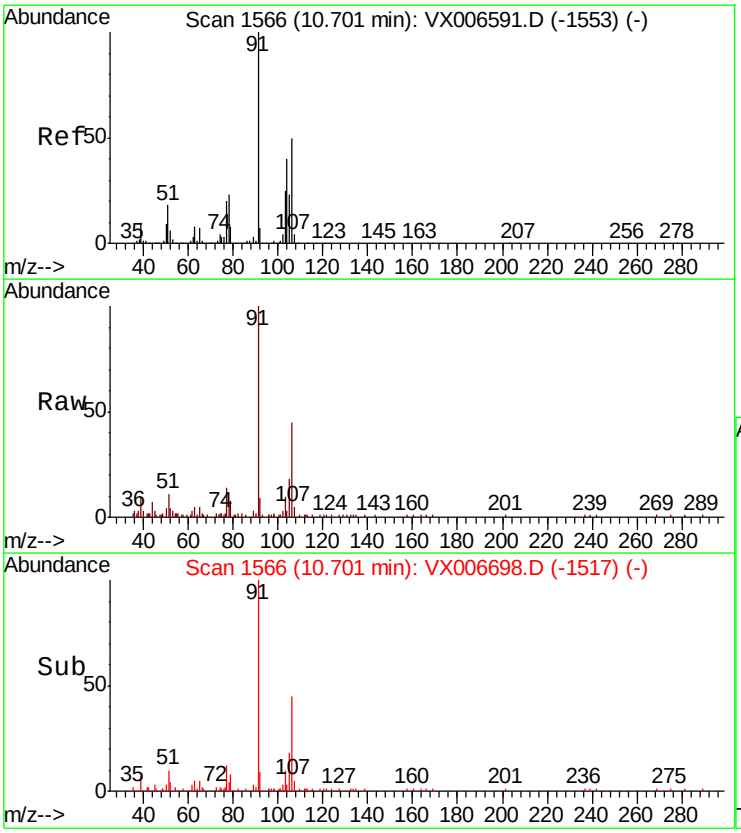
#68
m/p-Xylenes
Concen: 1.294 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion:106 Resp: 16787

Ion	Ratio	Lower	Upper
106	100		
91	188.2	155.8	233.6

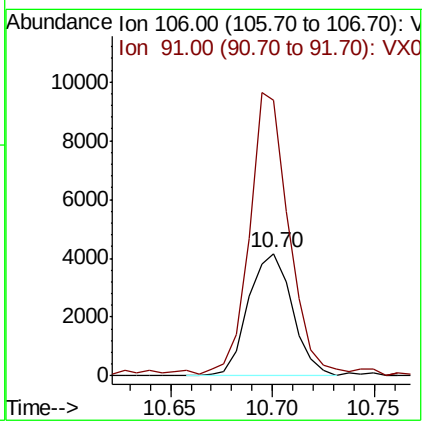


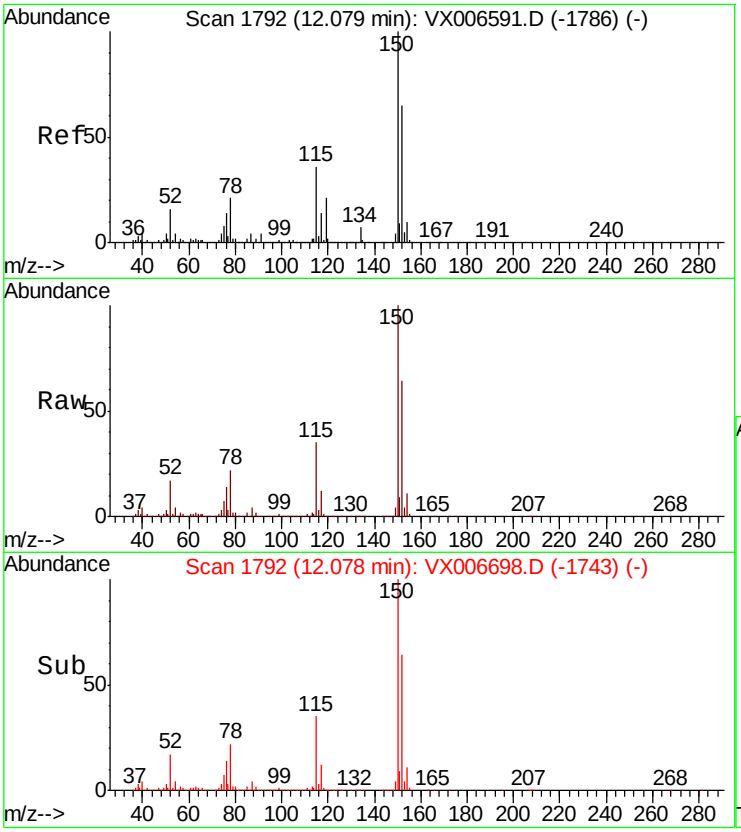


#69
o-Xylene
Concen: 0.487 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion:106 Resp: 6241

Ion	Ratio	Lower	Upper
106	100		
91	204.8	101.3	303.7



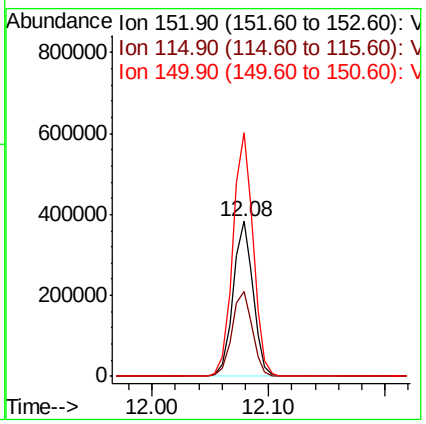


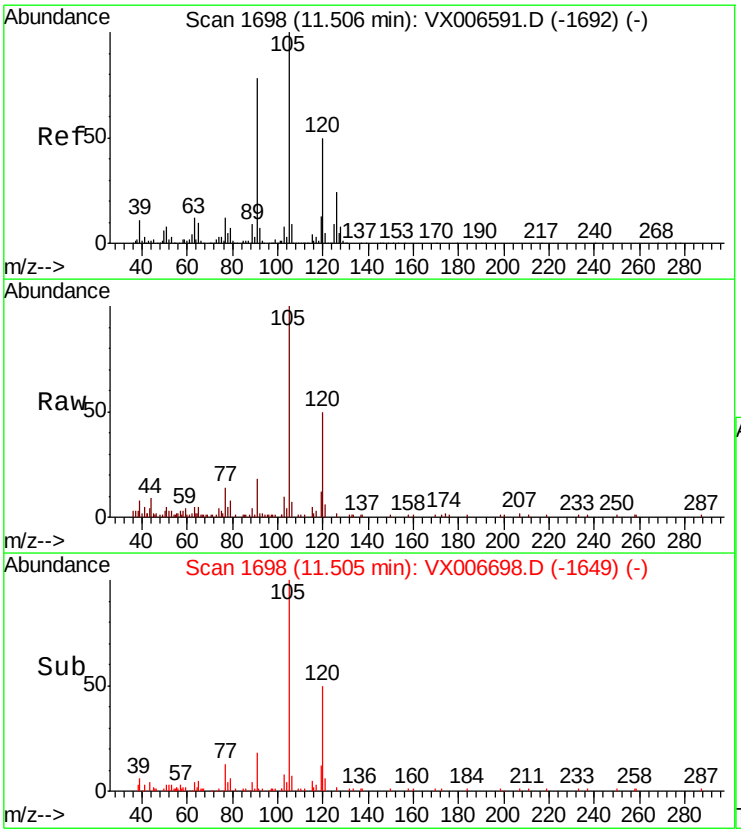
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion:152 Resp: 456661

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.1	117.2
150	159.2	0.0	344.8

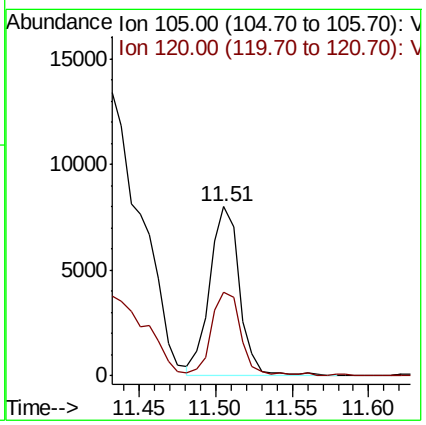


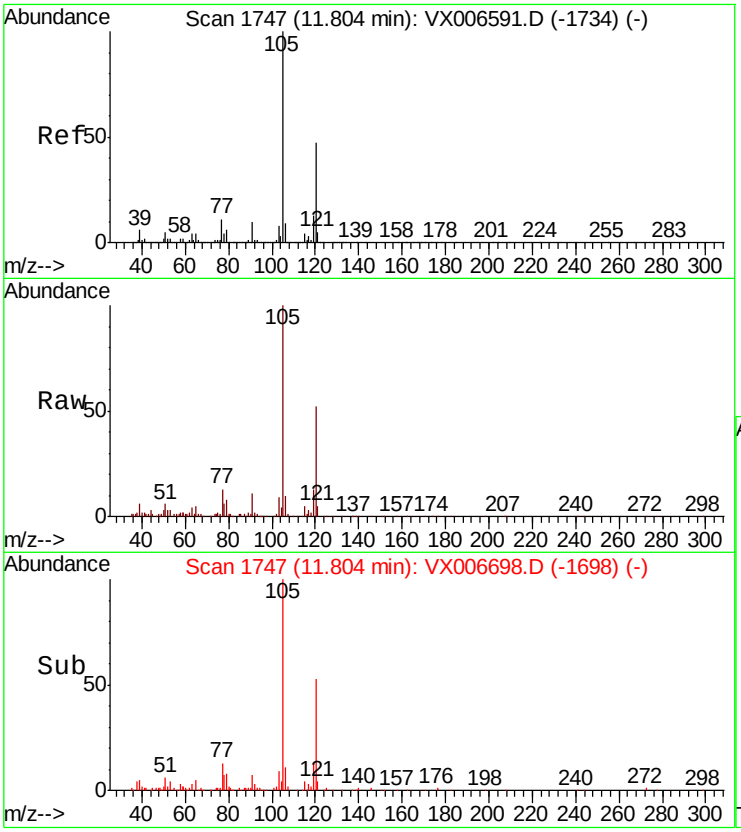


#80
1,3,5-Trimethylbenzene
Concen: 0.424 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion:105 Resp: 10922

Ion	Ratio	Lower	Upper
105	100		
120	49.7	25.1	75.3



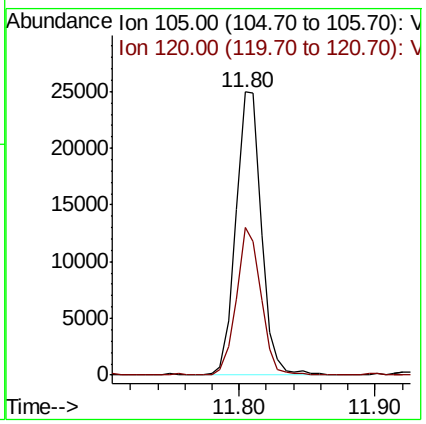


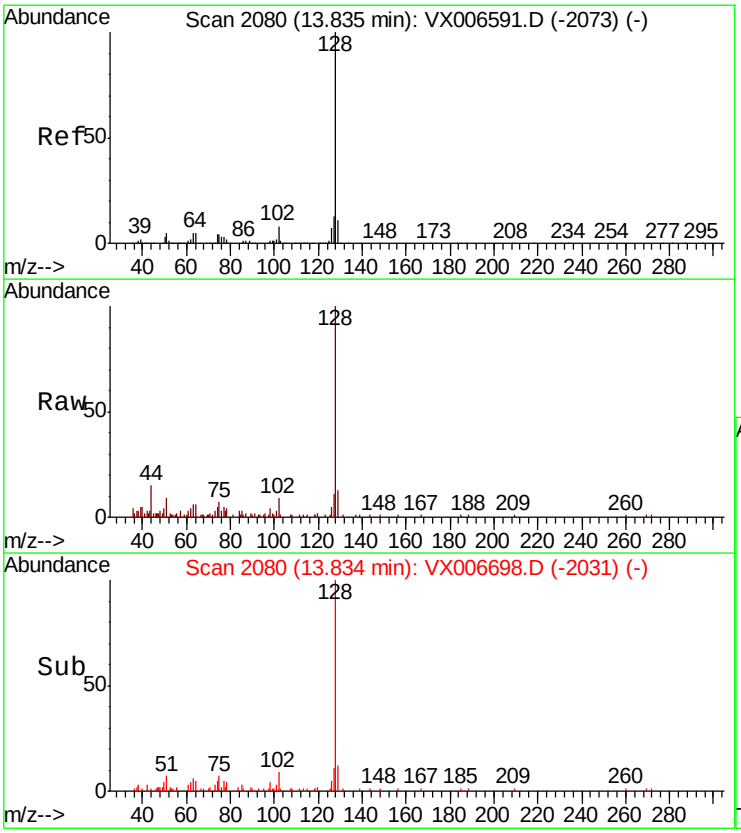
#84
1,2,4-Trimethylbenzene
Concen: 1.203 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
S49-0499

Tgt Ion:105 Resp: 32568

Ion	Ratio	Lower	Upper
105	100		
120	49.9	23.2	69.6





#95
Naphthalene
Concen: 0.266 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion:128 Resp: 8926

Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.1	15.1#
129	15.7	8.6	13.0#