Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025671.D
Acq On : 27 Jul 2018 16:04
Operator : MD/SY
Sample : J4144-01ME 5X
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MCMASTER-SEDIMENT-7-23-18ME

Quant Time: Jul 28 03:37:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.98	168	175089	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	263098	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	259937	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	176915	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	131074	48.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.10%				
35) Dibromofluoromethane	4.88	113	109329	47.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.56%				
50) Toluene-d8	7.57	98	384534	48.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.04%				
62) 4-Bromofluorobenzene	10.31	95	159070	51.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.36%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	748	0.30	ug/l	#	80
5) Bromomethane	1.60	94	551	0.47	ug/l	#	75
10) Methyl Iodide	2.40	142	535	8.83	ug/l	#	69
11) Tert butyl alcohol	2.83	59	3553	5.95	ug/l	#	73
13) Acrolein	2.19	56	87	Below Cal		#	14
15) Acrylonitrile	2.95	53	267	0.22	ug/l	#	78
16) Acetone	2.33	43	1173	0.88	ug/l		95
17) Carbon Disulfide	2.46	76	2601	0.43	ug/l	#	86
18) Methyl Acetate	2.62	43	679	0.21	ug/l	#	65
20) Methylene Chloride	2.69	84	1362	0.58	ug/l		90
31) Cyclohexane	4.98	56	3658	Below Cal		#	1
36) 1,1-Dichloropropene	4.98	75	13208	4.30	ug/l	#	49
38) Carbon Tetrachloride	4.98	117	16018	4.60	ug/l	#	16
41) Methacrylonitrile	4.65	41	402	0.23	ug/l	#	26
44) Trichloroethene	6.19	130	1217	0.49	ug/l		69
51) 4-Methyl-2-Pentanone	7.46	43	807	0.24	ug/l		90
52) Toluene	7.64	92	5881	1.05	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.14	63	20	7.09	ug/l	#	47
59) 2-Hexanone	8.38	43	1004	0.39	ug/l		70
67) Ethyl Benzene	9.25	91	13182	1.19	ug/l		99
68) m/p-Xylenes	9.38	106	46370	10.88	ug/l		98
69) o-Xylene	9.78	106	18023	4.33	ug/l		99
70) Styrene	9.79	104	2812	0.42	ug/l	#	9
73) Isopropylbenzene	10.17	105	10547	0.87	ug/l		98
76) 1,2,3-Trichloropropane	10.31	75	82843	21.25	ug/l	#	36
78) n-propylbenzene	10.59	91	3158	0.22	ug/l	#	52
79) 2-Chlorotoluene	10.69	91	14272	1.73	ug/l	#	42
80) 1,3,5-Trimethylbenzene	10.78	105	70348	6.86	ug/l		99
81) trans-1,4-Dichloro-2-buten	10.31	75	82843	53.29	ug/l	#	100
82) 4-Chlorotoluene	10.78	91	9508	0.98	ug/l	#	50
83) tert-Butylbenzene	11.15	119	21615	2.12	ug/l	#	66
84) 1,2,4-Trimethylbenzene	11.15	105	165644	15.94	ug/l		98
85) sec-Butylbenzene	11.15	105	165644	13.32	ug/l	#	56
86) p-Isopropyltoluene	11.48	119	14223	1.28	ug/l		92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025671.D
Acq On : 27 Jul 2018 16:04
Operator : MD/SY
Sample : J4144-01ME 5X
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MCMASTER-SEDIMENT-7-23-18ME

Quant Time: Jul 28 03:37:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
87) 1,3-Dichlorobenzene	11.42	146	1770	0.29	ug/l		96
88) 1,4-Dichlorobenzene	11.42	146	1770	0.27	ug/l		95
89) n-Butylbenzene	11.89	91	9898	0.96	ug/l	#	31
90) Hexachloroethane	12.17	117	3808	1.92	ug/l	#	7
91) 1,2-Dichlorobenzene	11.89	146	1754	0.29	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	12.65	75	326	0.33	ug/l	#	10
93) 1,2,4-Trichlorobenzene	13.51	180	3261	0.80	ug/l	#	83
94) Hexachlorobutadiene	13.70	225	591	0.27	ug/l		84
95) Naphthalene	13.75	128	5763773	429.03	ug/l		99
96) 1,2,3-Trichlorobenzene	13.99	180	2558	0.63	ug/l	#	37

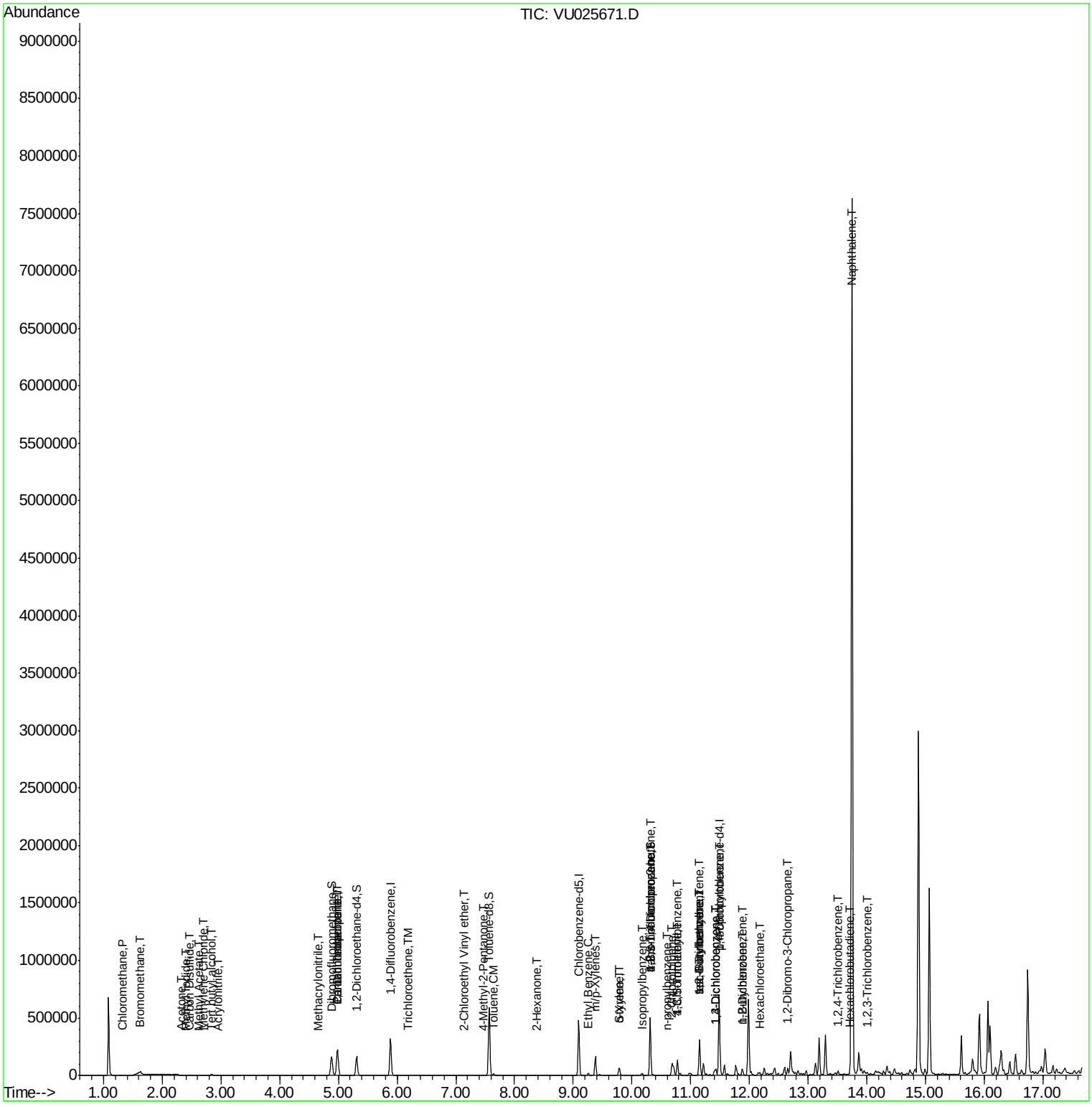
(#) = qualifier out of range (m) = manual integration (+) = signals summed

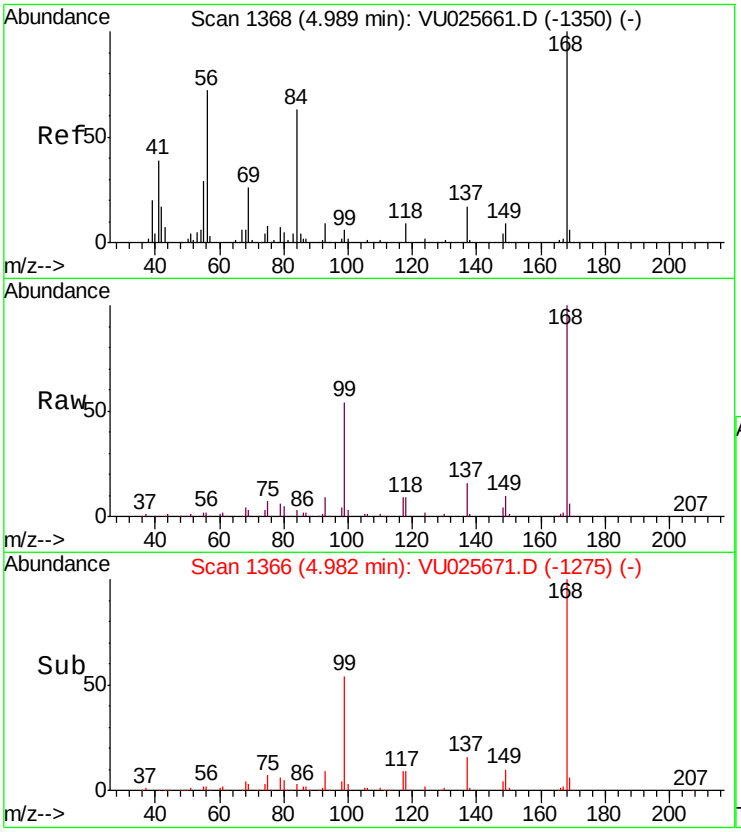
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025671.D
Acq On : 27 Jul 2018 16:04
Operator : MD/SY
Sample : J4144-01ME 5X
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Quant Time: Jul 28 03:37:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration



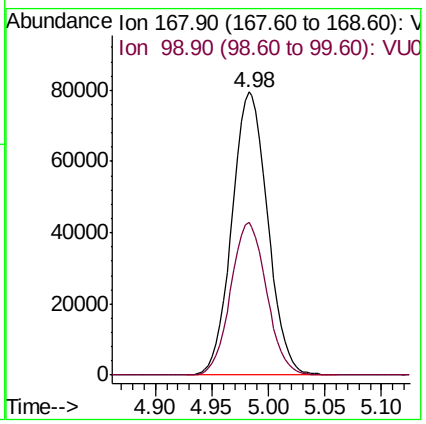


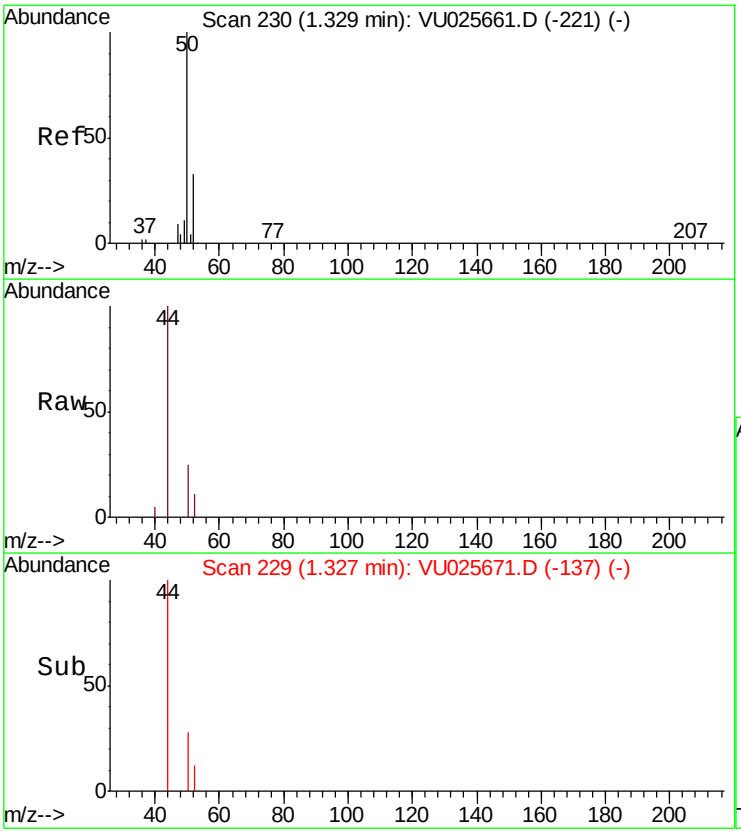
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:168 Resp: 175089

Ion	Ratio	Lower	Upper
168	100		
99	54.0	42.8	64.2

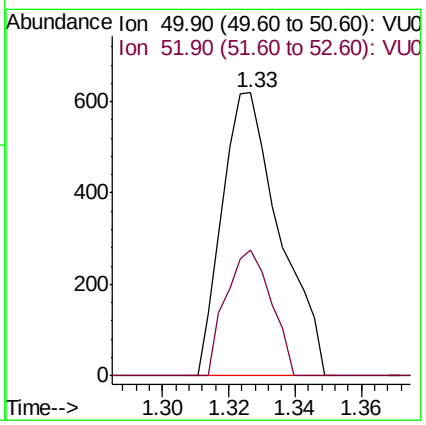


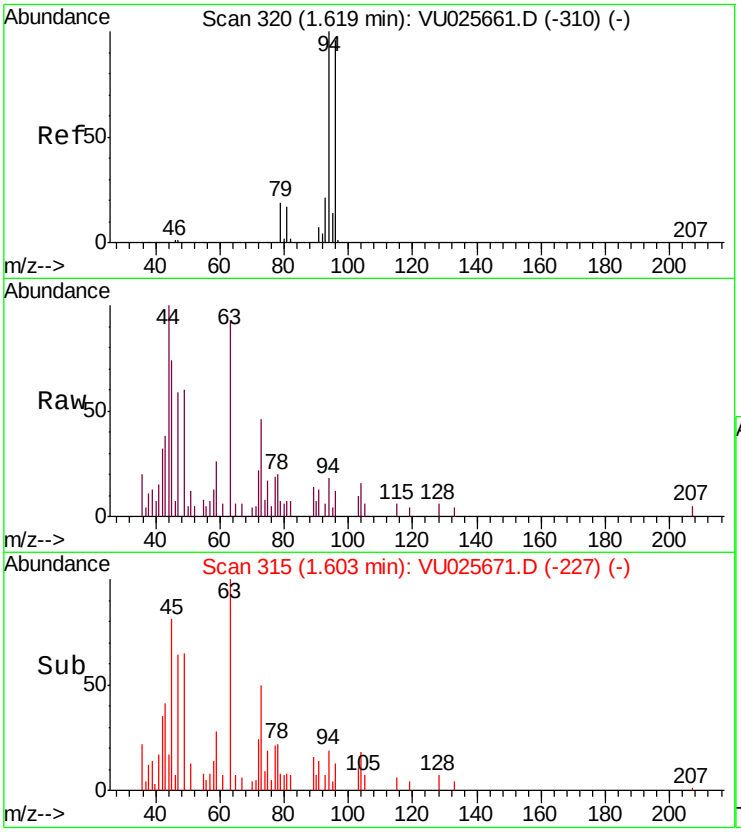


#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 50 Resp: 748

Ion	Ratio	Lower	Upper
50	100		
52	44.3	26.5	39.7#



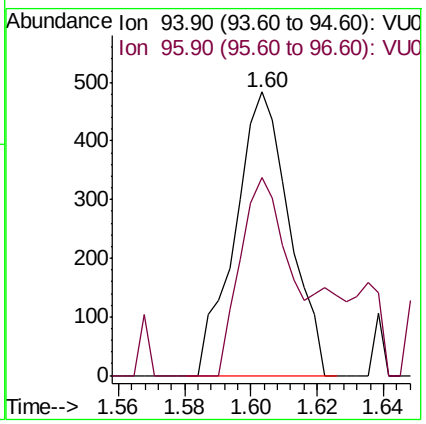


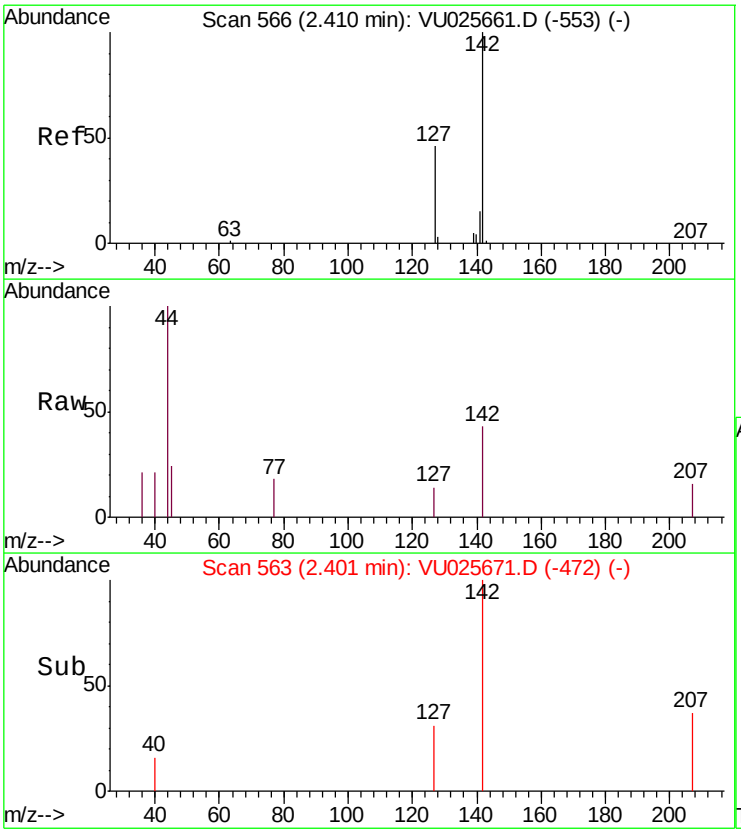
#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.60 min Scan# 315
Delta R.T. -0.02 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 94 Resp: 551

Ion	Ratio	Lower	Upper
94	100		
96	69.8	75.0	112.4#

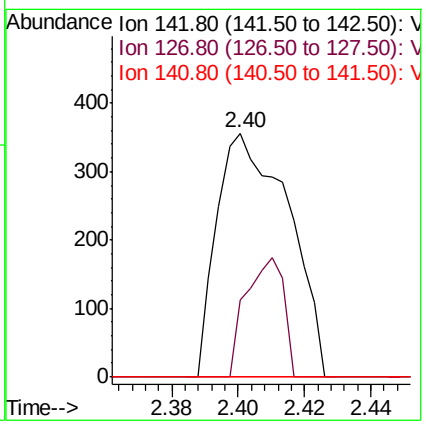


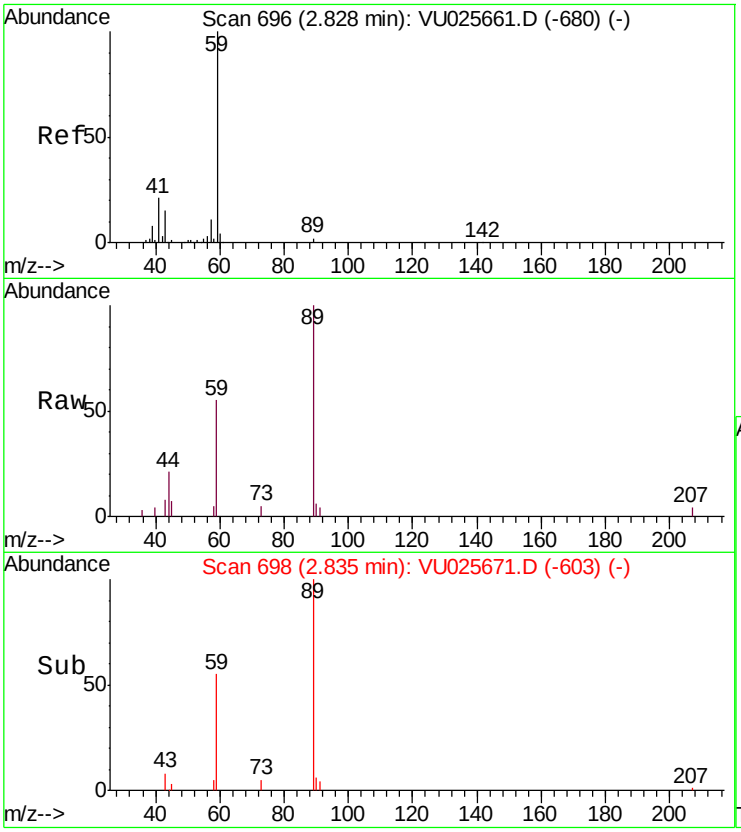


#10
Methyl Iodide
Concen: 8.83 ug/l
RT: 2.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:142 Resp: 535

Ion	Ratio	Lower	Upper
142	100		
127	25.8	36.5	54.7#
141	0.0	11.4	17.2#



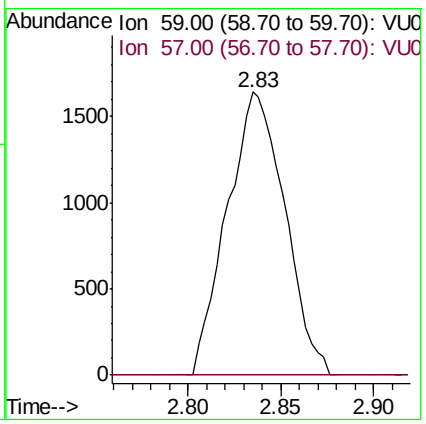


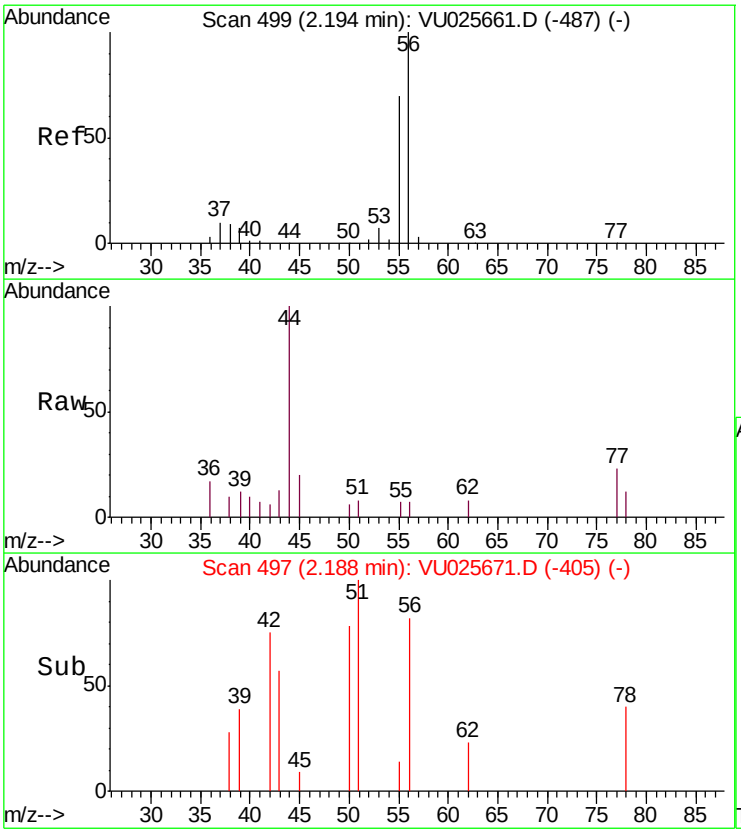
#11
Tert butyl alcohol
Concen: 5.95 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 59 Resp: 3553

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

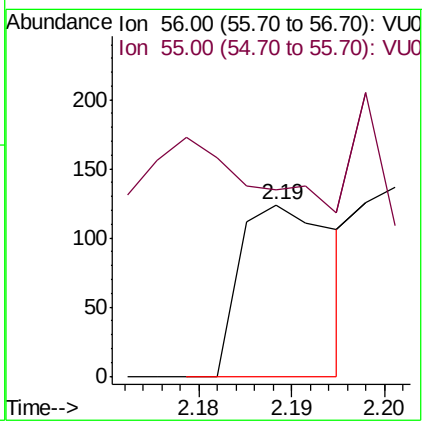


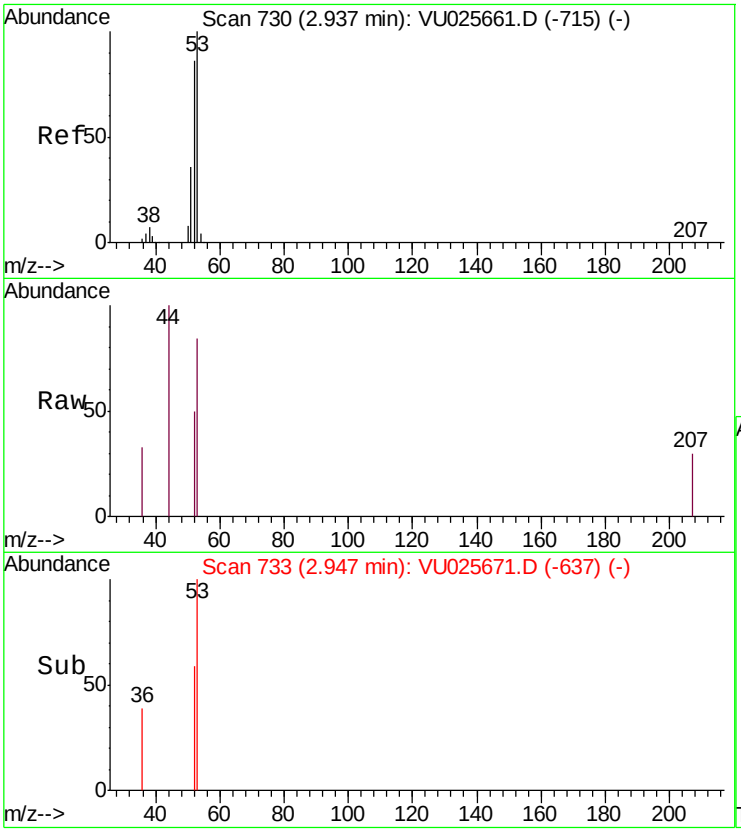


#13
Acrolein
Concen: Below Cal
RT: 2.19 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 56 Resp: 87

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.2	85.8#



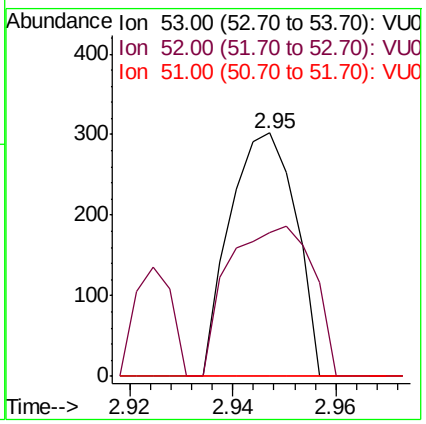


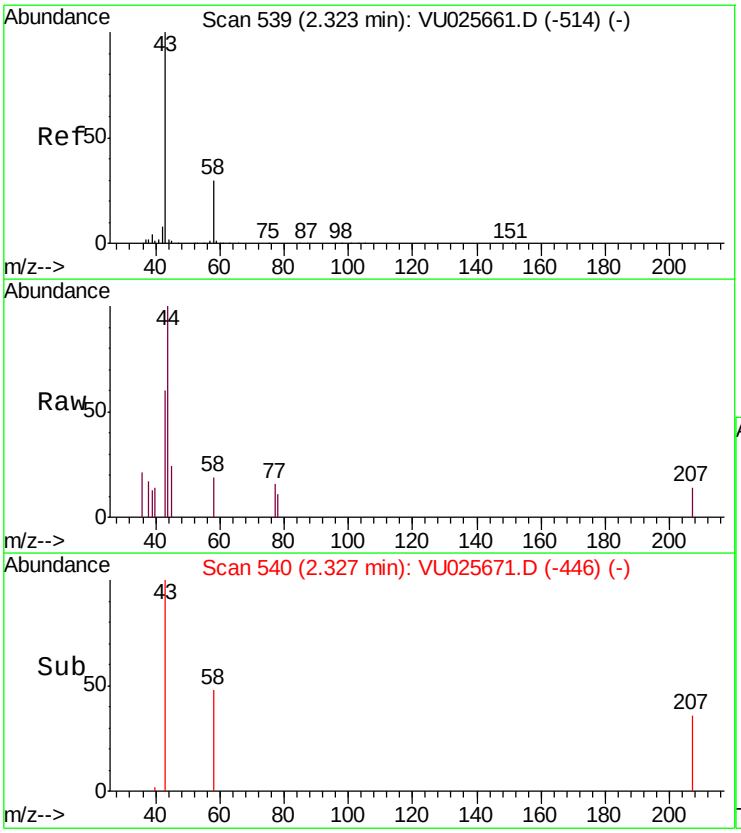
#15
Acrylonitrile
Concen: 0.22 ug/l
RT: 2.95 min Scan# 733
Delta R.T. 0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 53 Resp: 267

Ion	Ratio	Lower	Upper
53	100		
52	79.0	66.6	99.8
51	0.0	29.4	44.2#

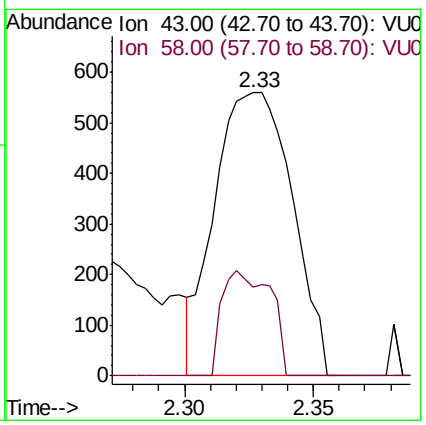


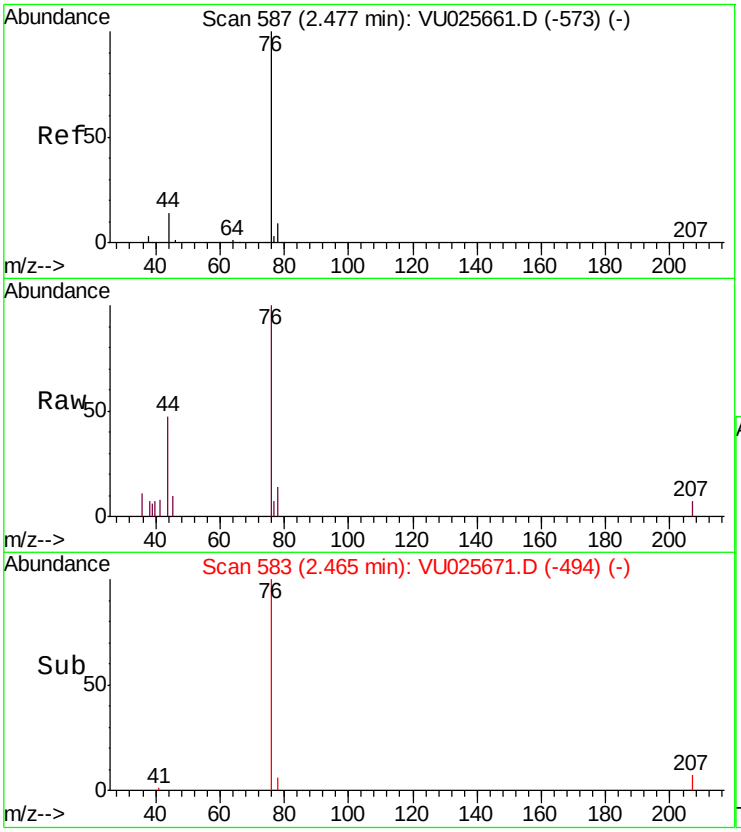


#16
Acetone
Concen: 0.88 ug/l
RT: 2.33 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 43 Resp: 1173

Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.1	34.7



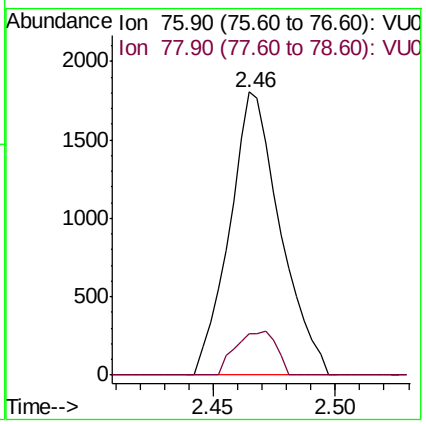


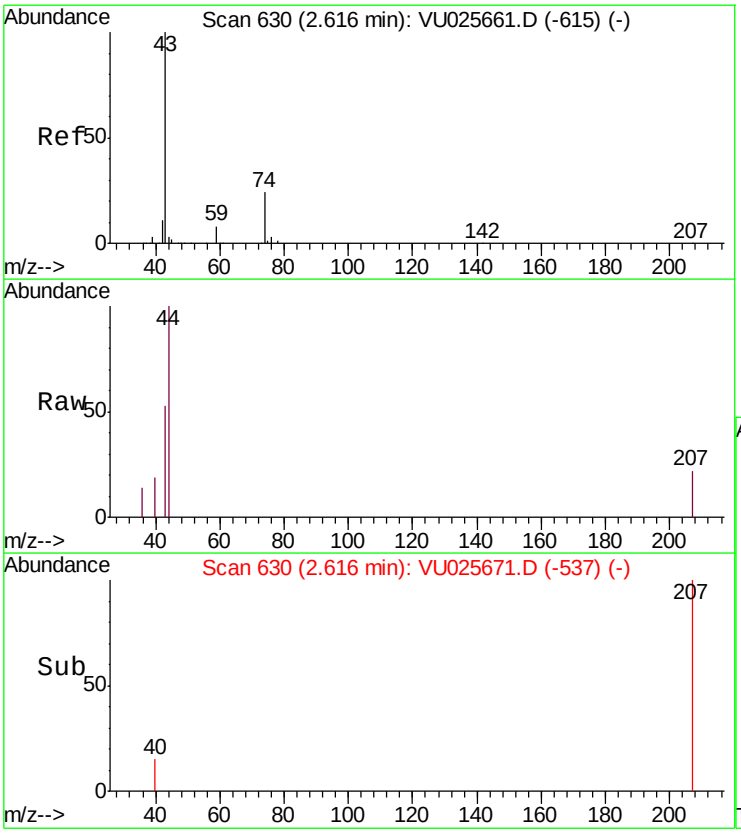
#17
Carbon Disulfide
Concen: 0.43 ug/l
RT: 2.46 min Scan# 583
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 76 Resp: 2601

Ion	Ratio	Lower	Upper
76	100		
78	14.5	7.4	11.2#

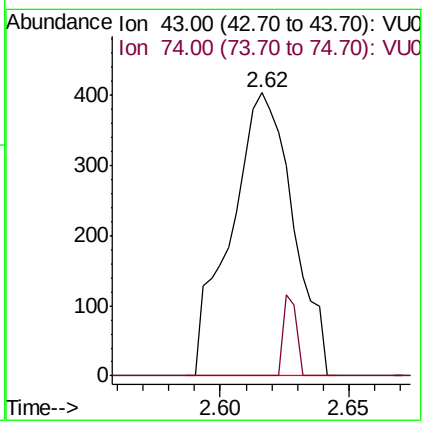


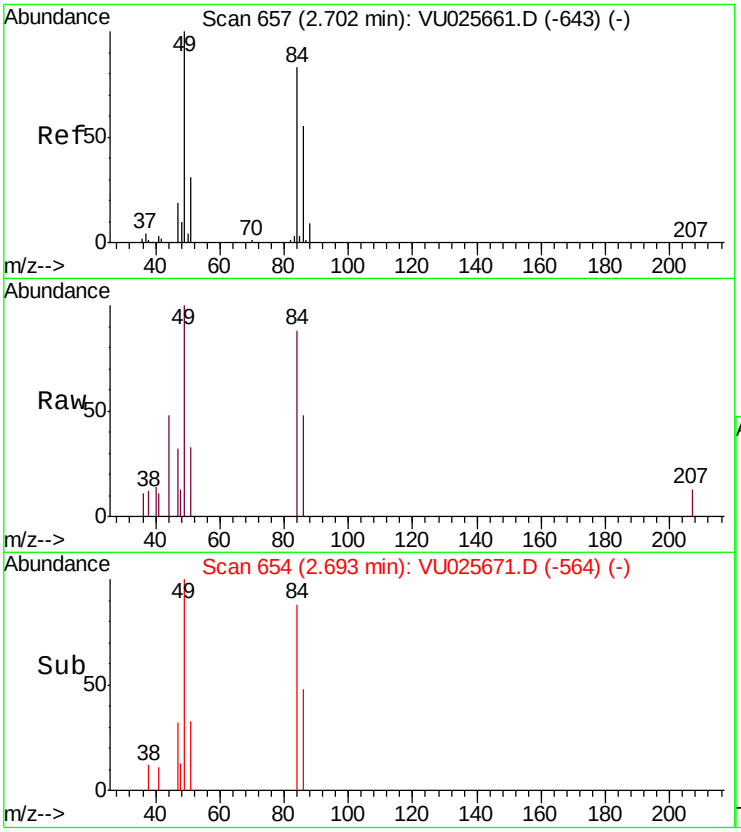


#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 43 Resp: 679

Ion	Ratio	Lower	Upper
43	100		
74	6.2	18.5	27.7#



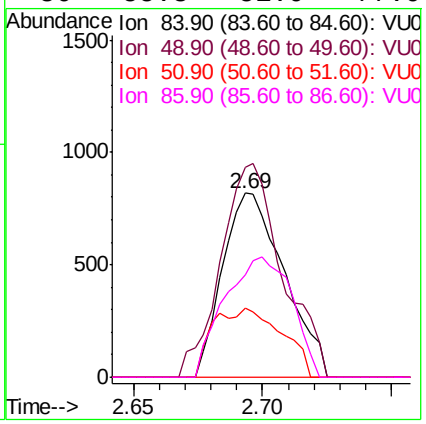


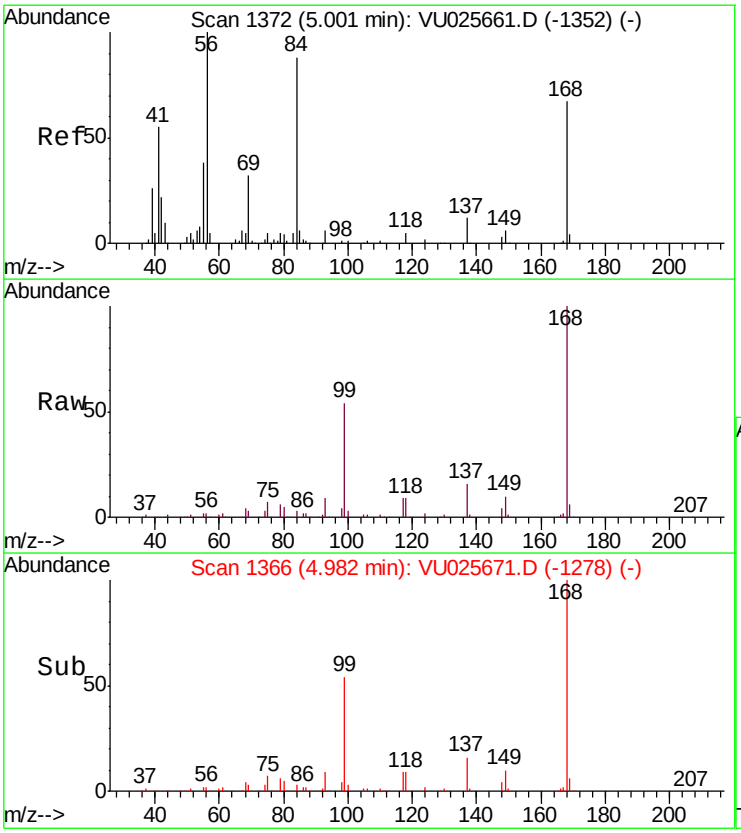
#20
Methylene Chloride
Concen: 0.58 ug/l
RT: 2.69 min Scan# 654
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 84 Resp: 1362

Ion	Ratio	Lower	Upper
84	100		
49	114.2	101.8	152.6
51	37.2	30.8	46.2
86	55.3	51.9	77.9

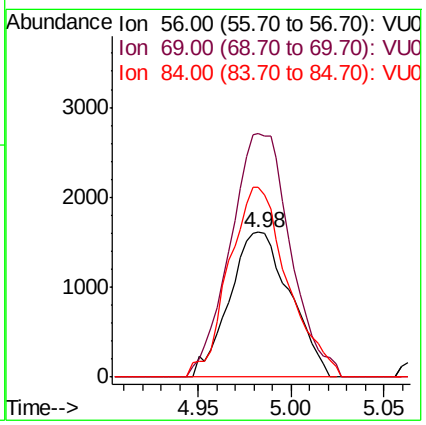


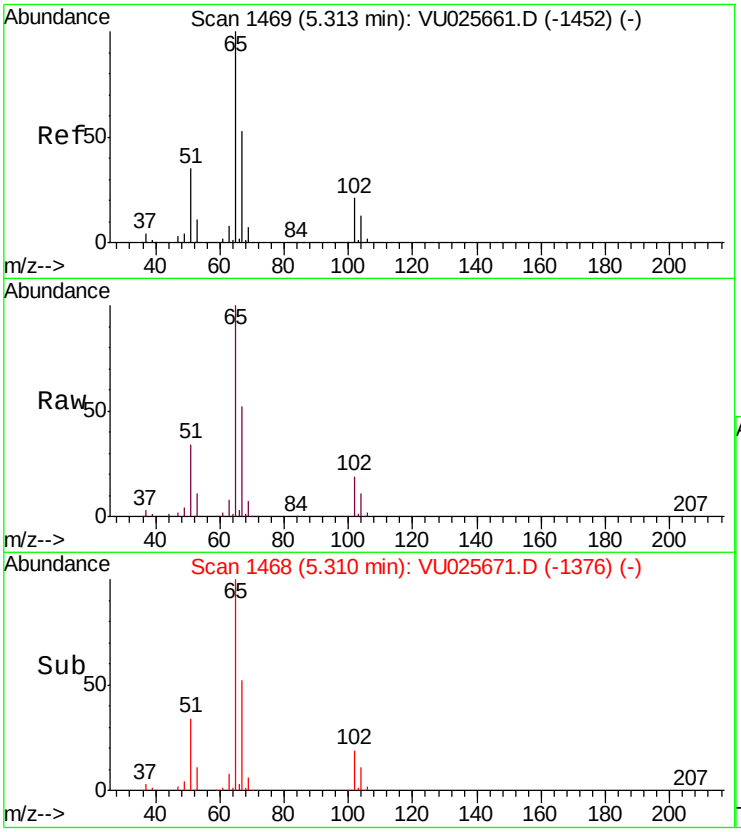


#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 56 Resp: 3658

Ion	Ratio	Lower	Upper
56	100		
69	167.9	26.8	40.2#
84	130.6	69.7	104.5#



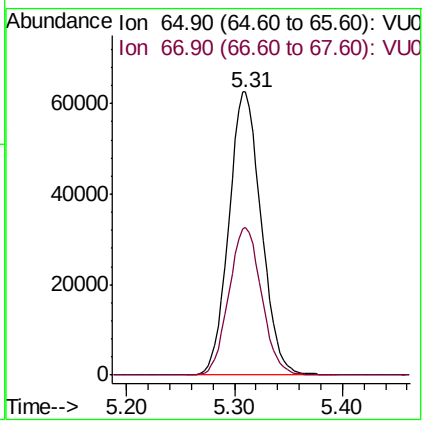


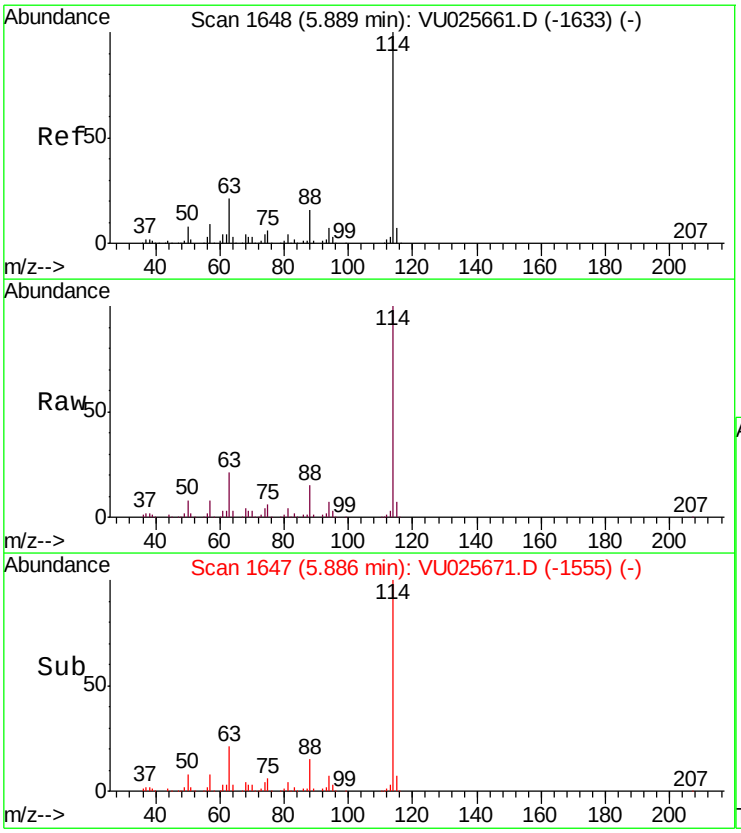
#33
1,2-Dichloroethane-d4
Concen: 48.05 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 65 Resp: 131074

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.6

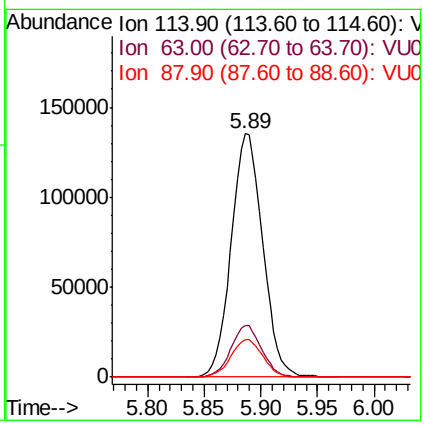


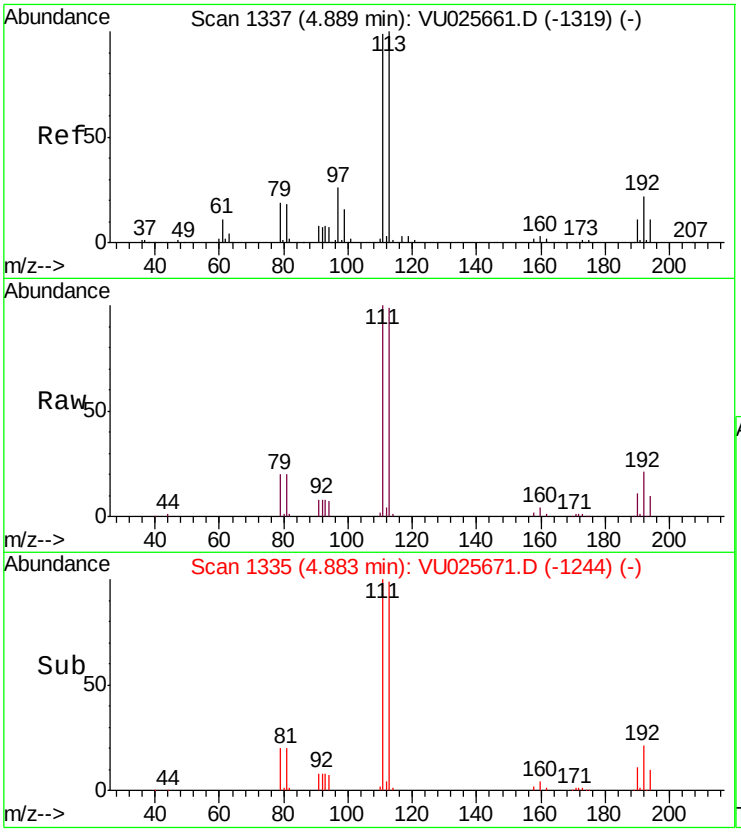


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1647
Delta R.T. -0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:114 Resp: 263098

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.6
88	15.3	0.0	32.4



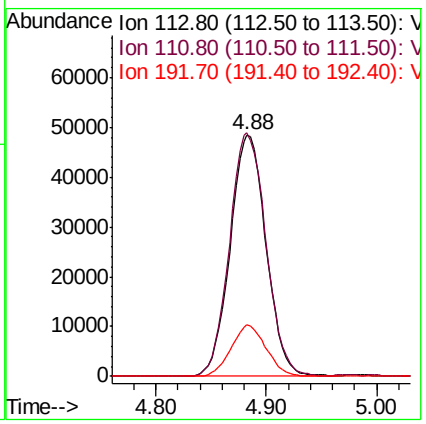


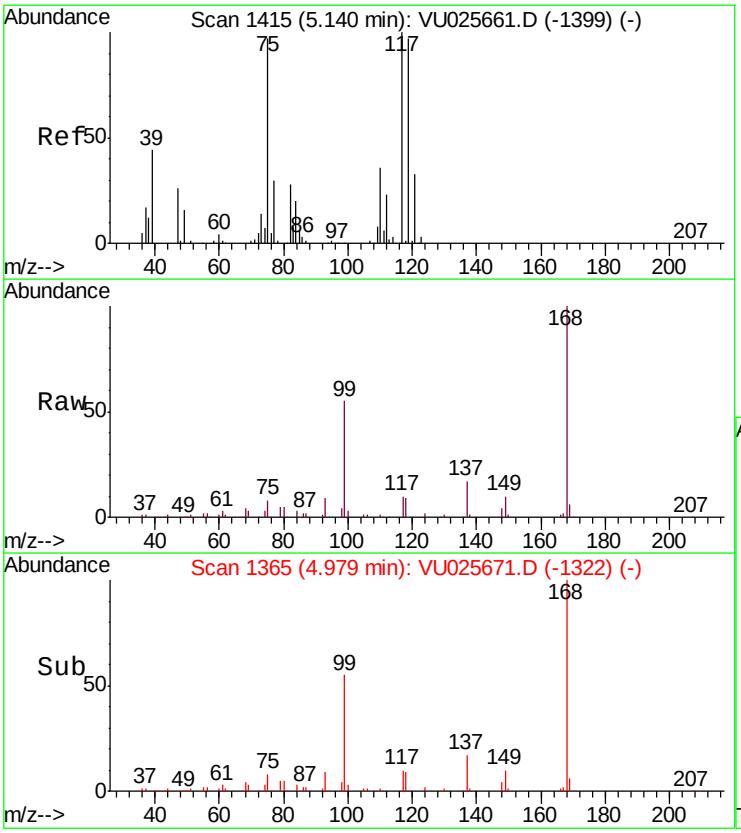
#35
Dibromofluoromethane
Concen: 47.78 ug/l
RT: 4.88 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:113 Resp: 109329

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	20.8	17.1	25.7

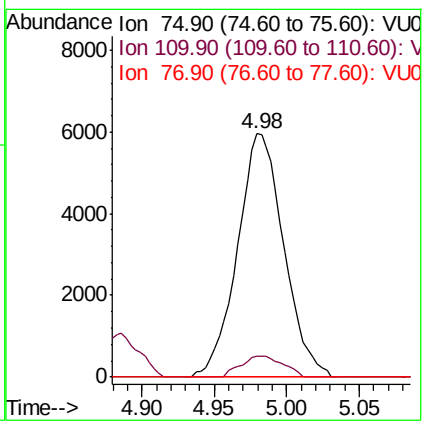


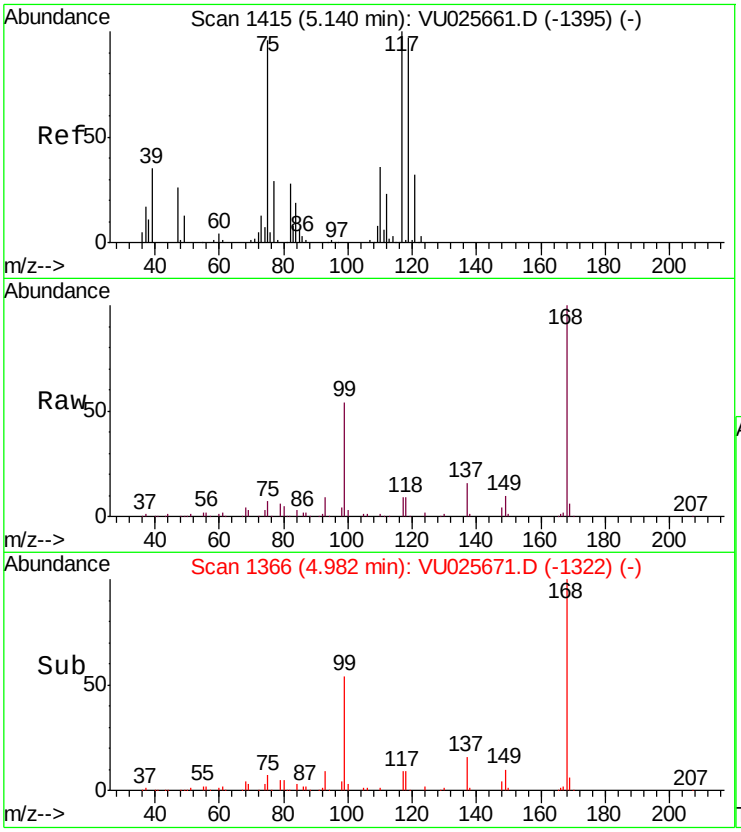


#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 4.98 min Scan# 1365
Delta R.T. -0.16 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 75 Resp: 13208

Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.6	52.9#
77	0.0	24.4	36.6#



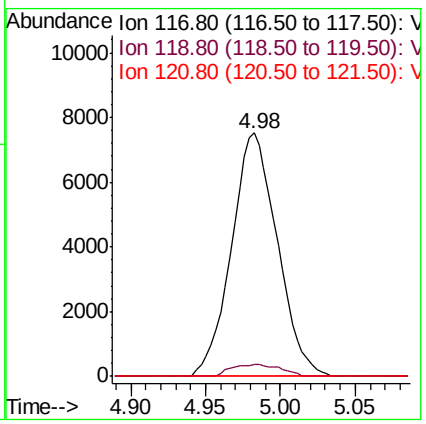


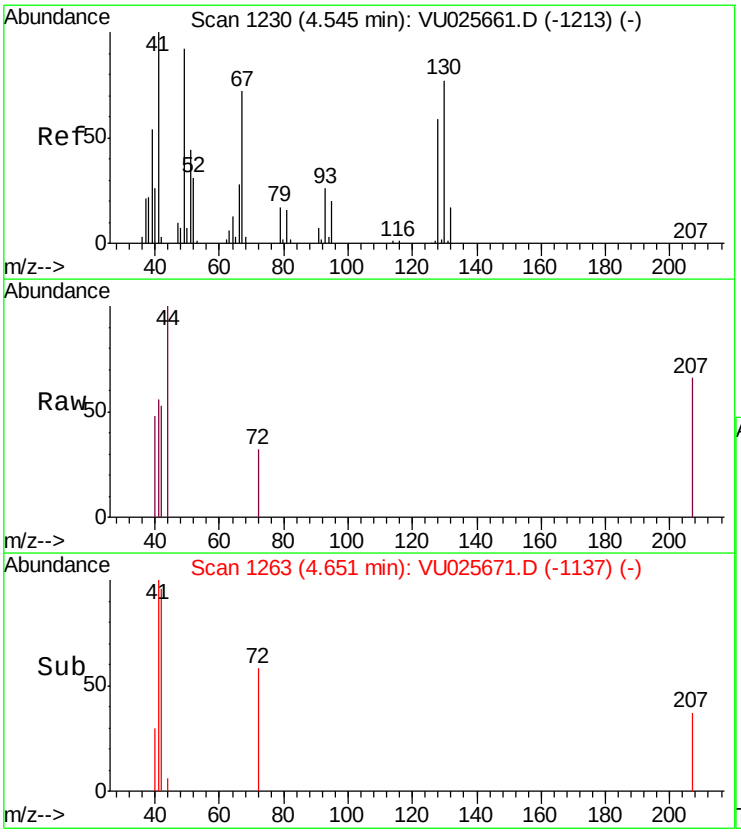
#38
Carbon Tetrachloride
Concen: 4.60 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.16 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:117 Resp: 16018

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.7	113.5#
121	0.0	24.6	36.8#

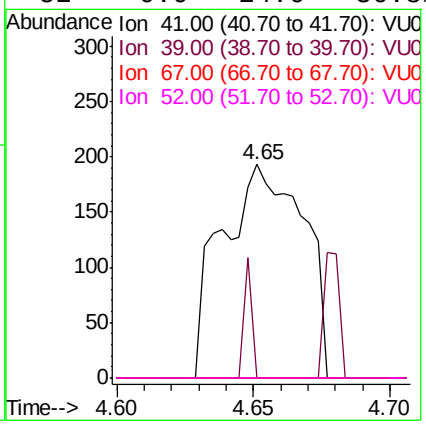


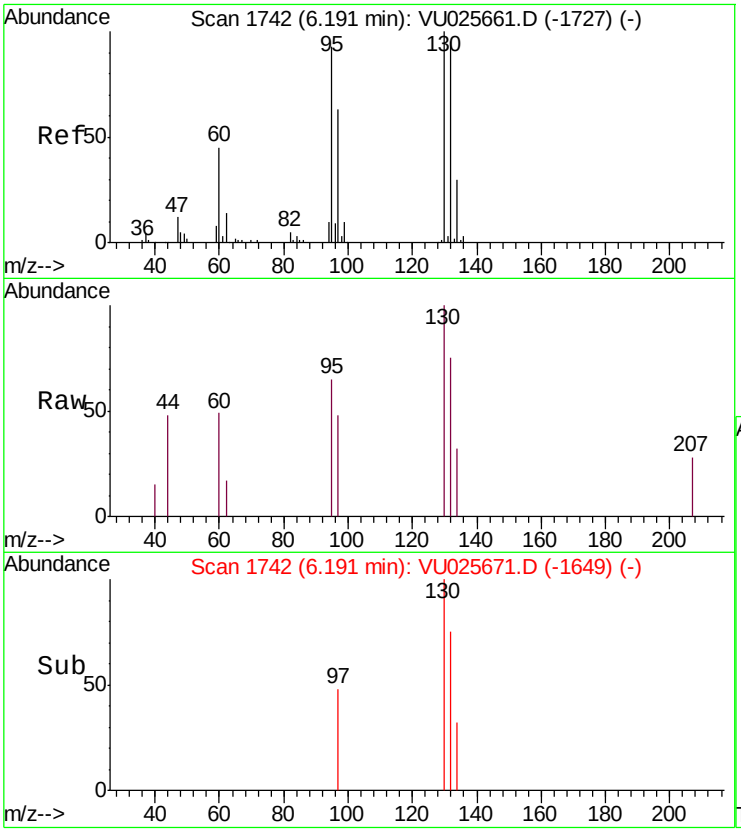


#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 4.65 min Scan# 1263
Delta R.T. 0.11 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 41 Resp: 402

Ion	Ratio	Lower	Upper
41	100		
39	5.2	44.4	66.6#
67	0.0	56.0	84.0#
52	0.0	24.6	36.8#



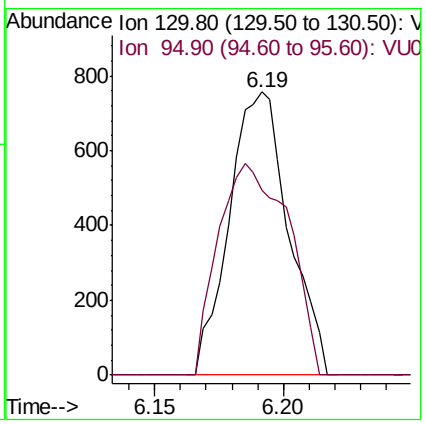


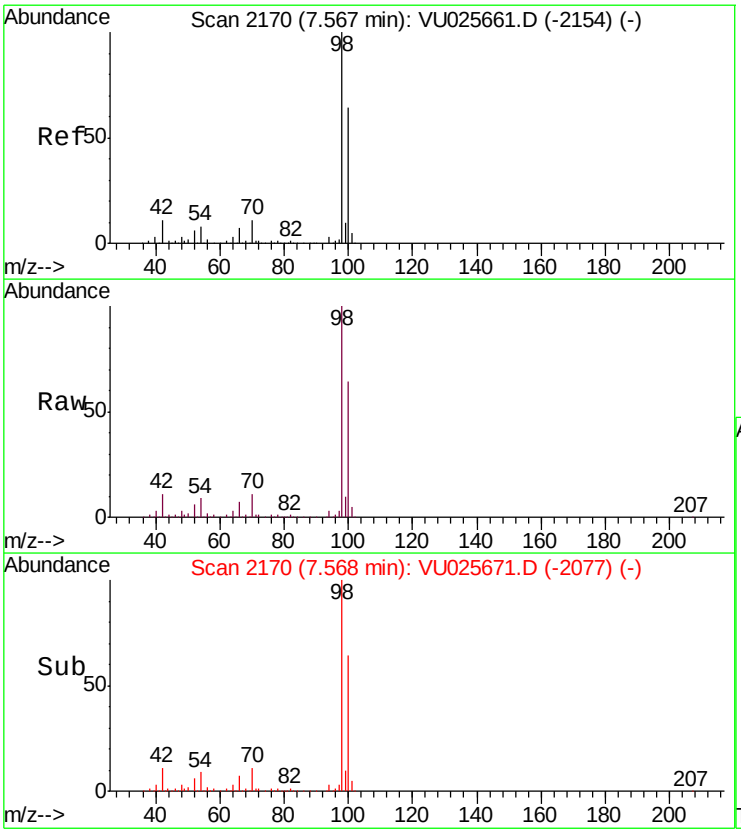
#44
Trichloroethene
Concen: 0.49 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:130 Resp: 1217

Ion	Ratio	Lower	Upper
130	100		
95	65.4	0.0	192.2

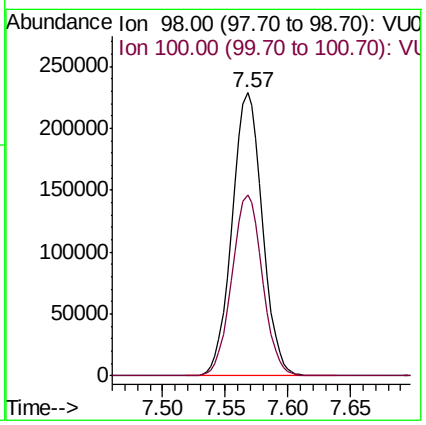


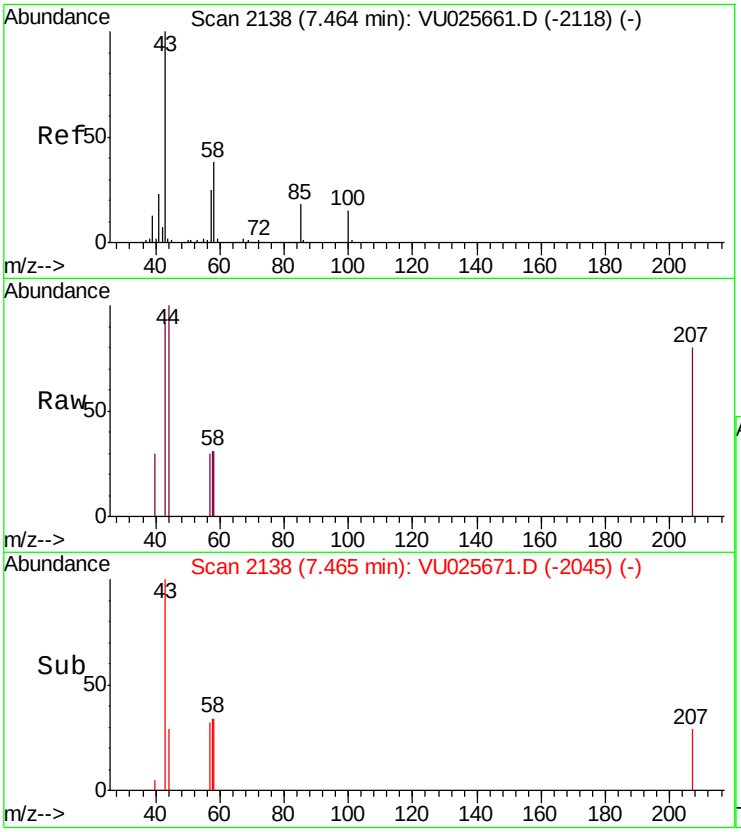


#50
Toluene-d8
Concen: 48.02 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 98 Resp: 384534

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.1	76.7



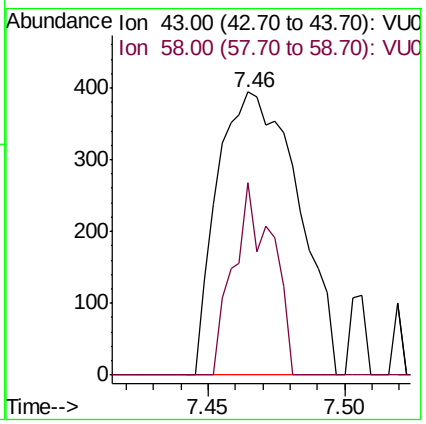


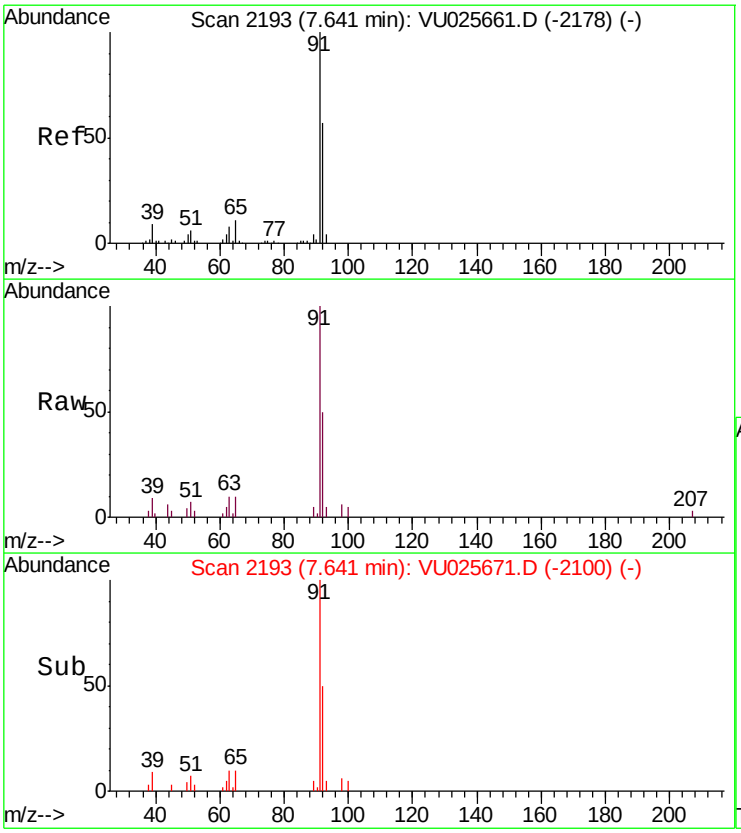
#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument : MSVOA_U
ClientSampleId : MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 43 Resp: 807

Ion	Ratio	Lower	Upper
43	100		
58	32.8	31.0	46.4

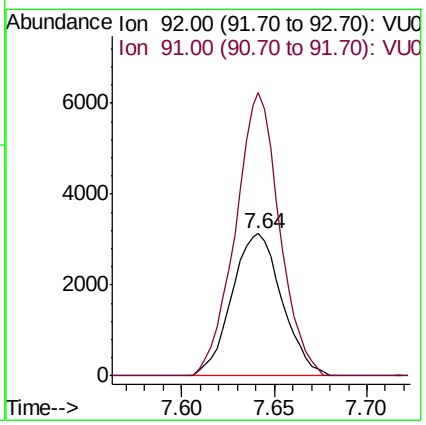


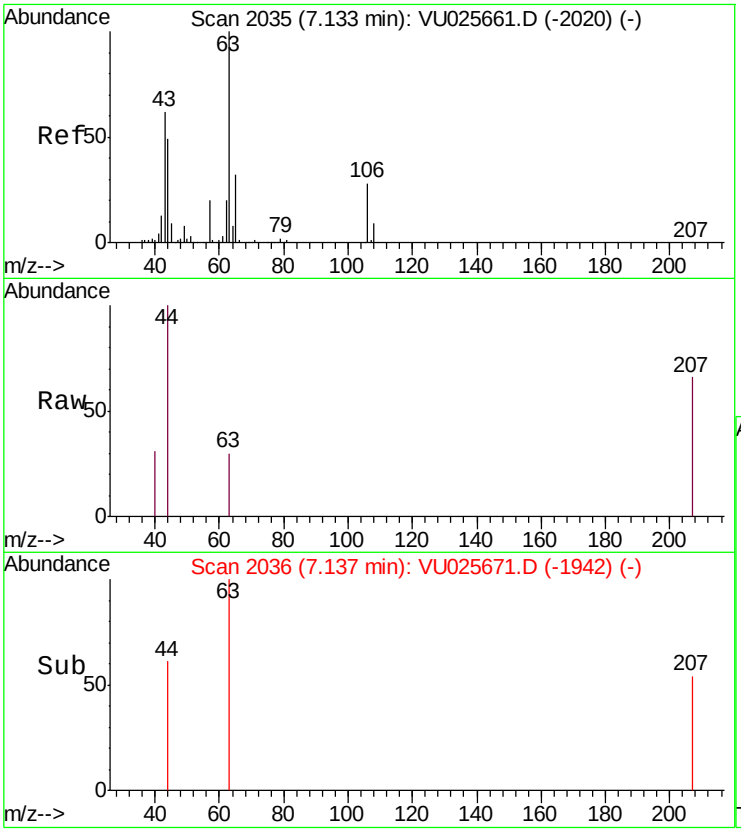


#52
Toluene
Concen: 1.05 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 92 Resp: 5881

Ion	Ratio	Lower	Upper
92	100		
91	175.3	139.2	208.8



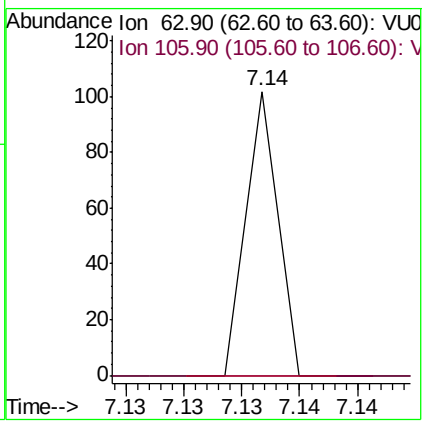


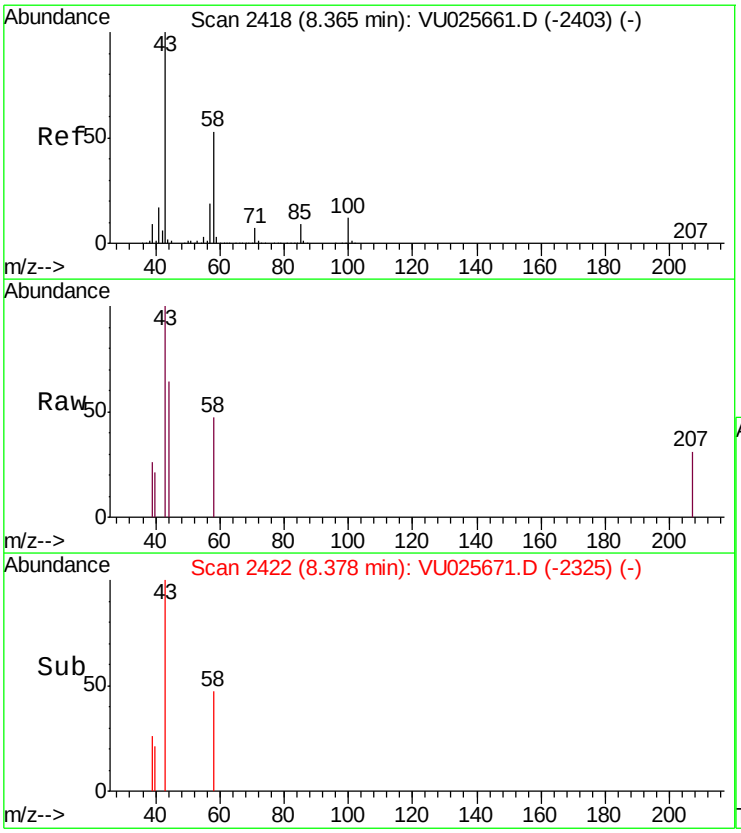
#58
2-Chloroethyl Vinyl ether
Concen: 7.09 ug/l
RT: 7.14 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.3	33.5#

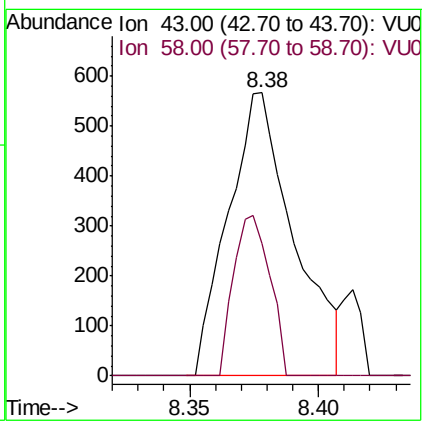


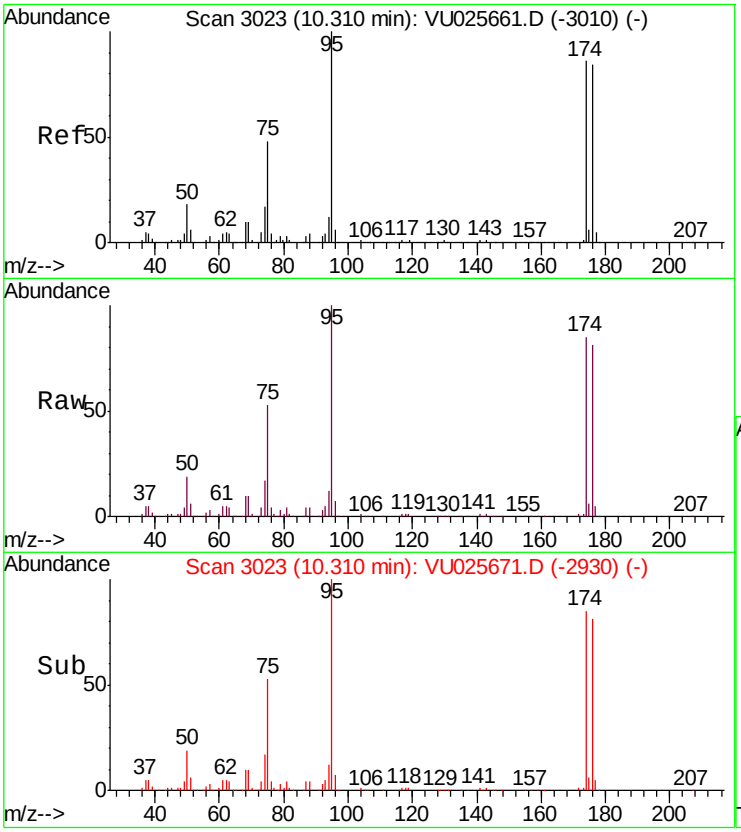


#59
2-Hexanone
Concen: 0.39 ug/l
RT: 8.38 min Scan# 2422
Delta R.T. 0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 43 Resp: 1004

Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.2	78.5



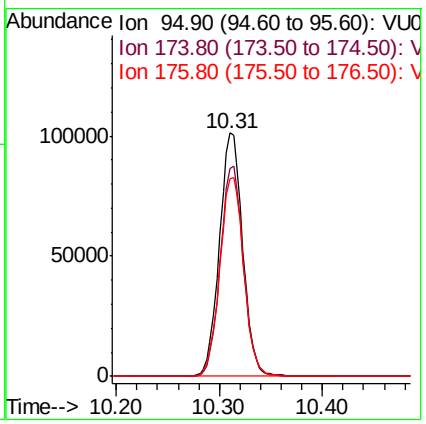


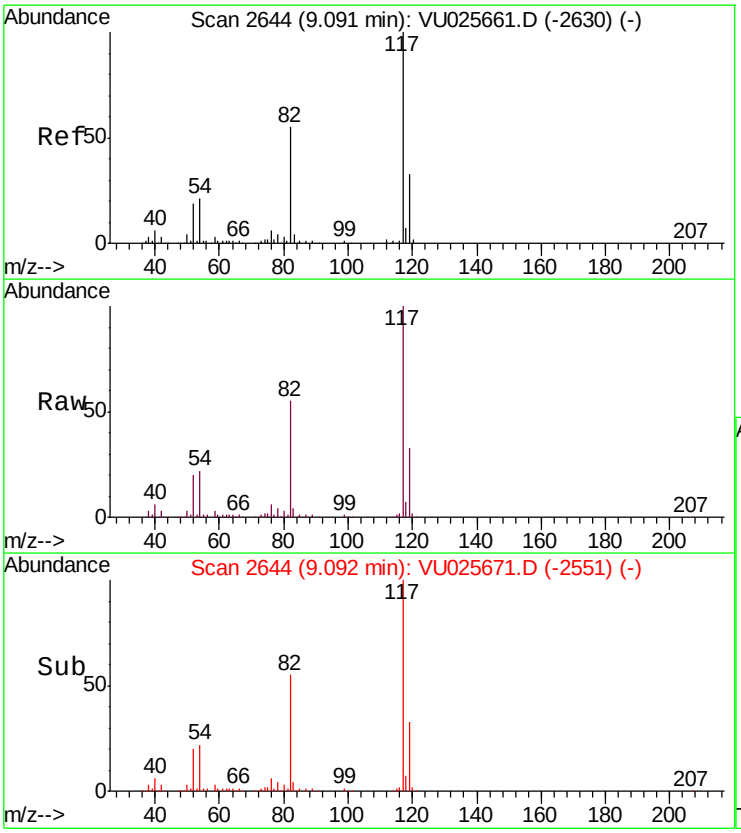
#62
4-Bromofluorobenzene
Concen: 51.18 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 95 Resp: 159070

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	172.2
176	84.0	0.0	162.6

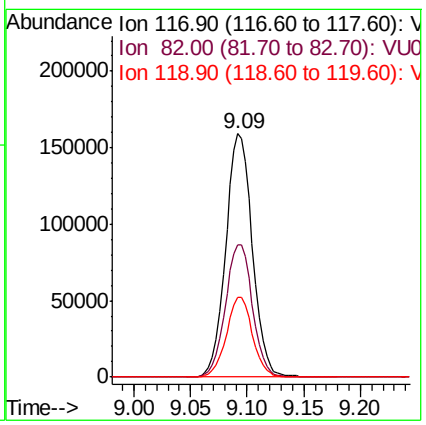


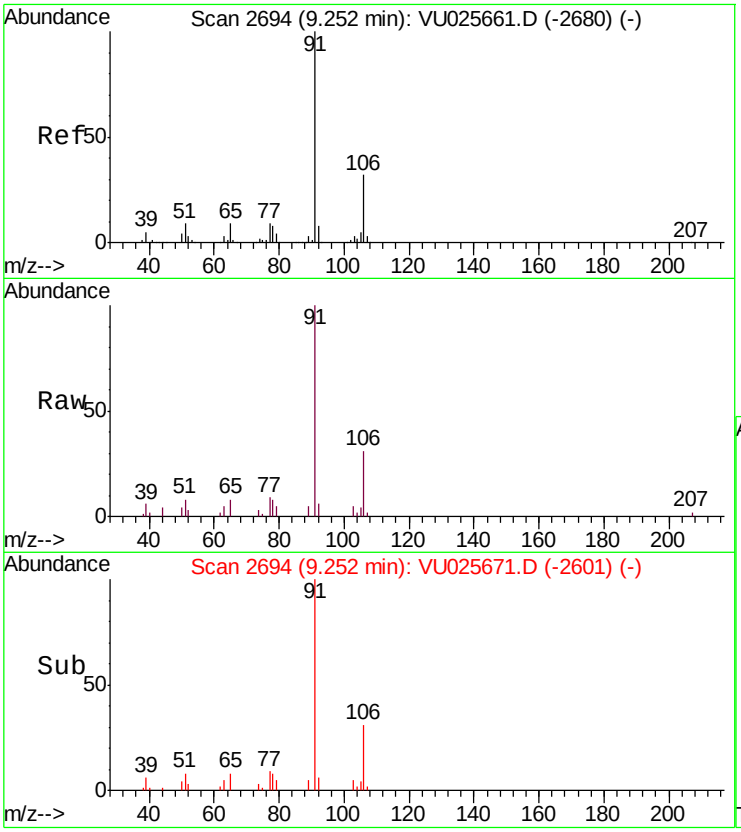


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:117 Resp: 259937

Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.0	69.0
119	32.6	26.0	39.0



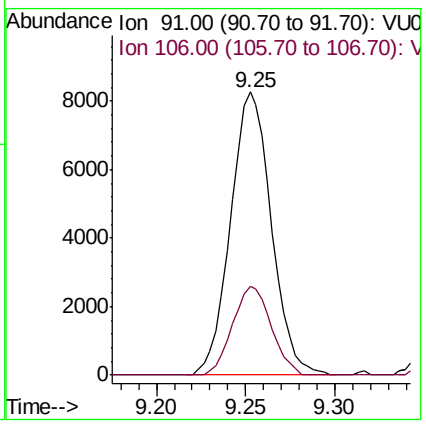


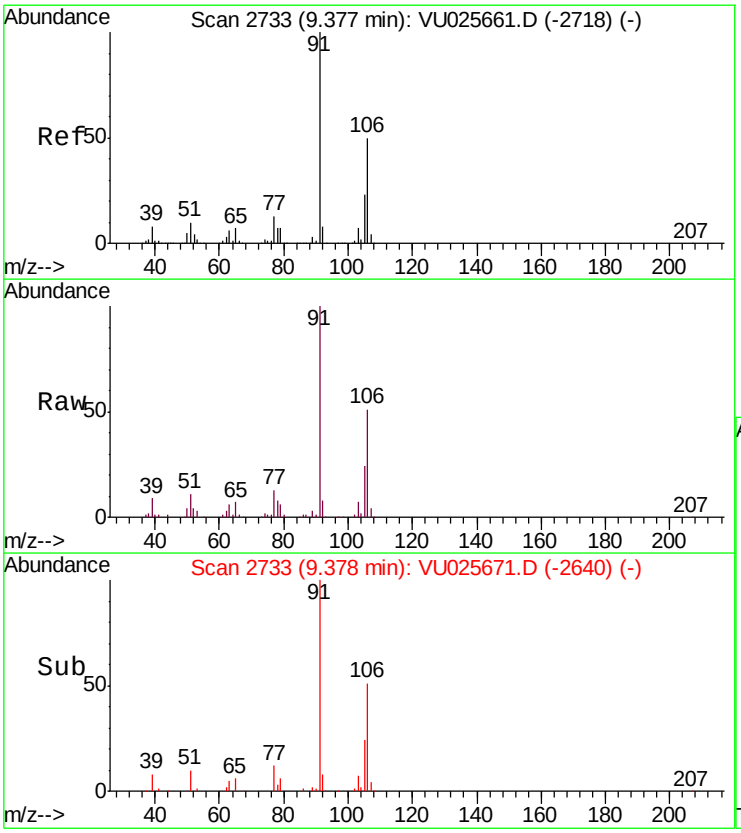
#67
Ethyl Benzene
Concen: 1.19 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 91 Resp: 13182

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.3	37.9

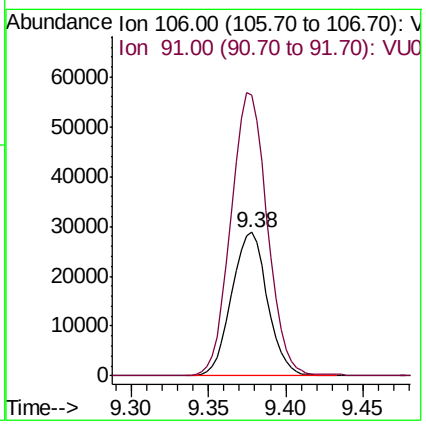


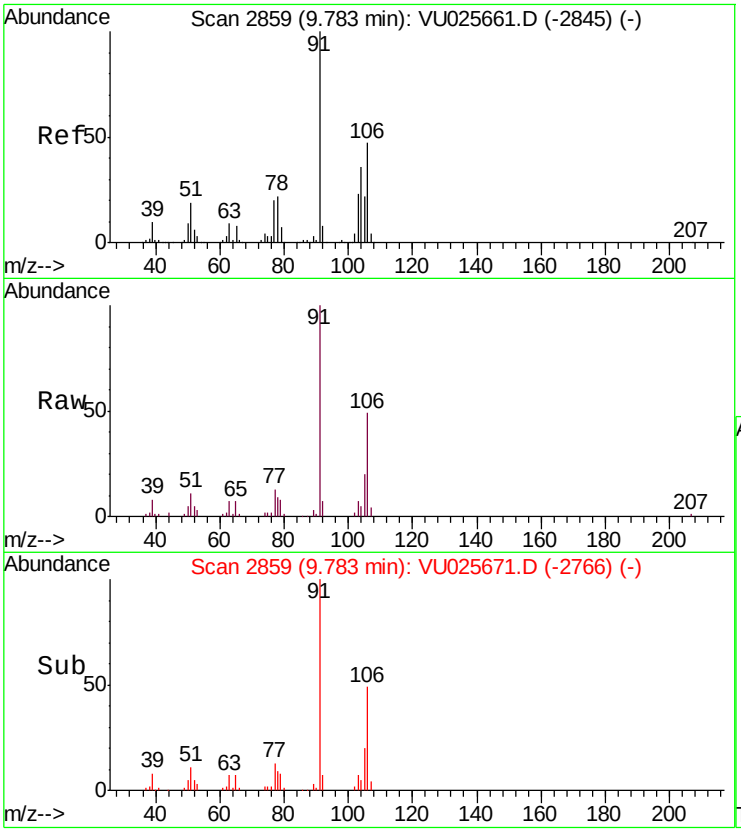


#68
m/p-Xylenes
Concen: 10.88 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:106 Resp: 46370

Ion	Ratio	Lower	Upper
106	100		
91	200.5	162.3	243.5



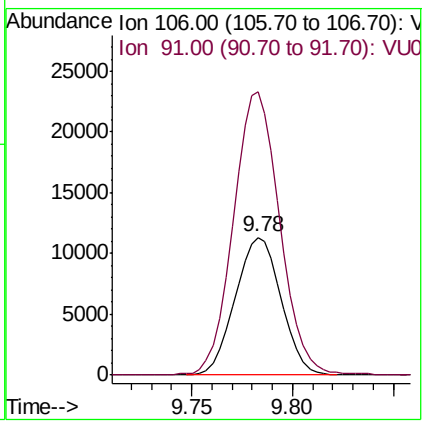


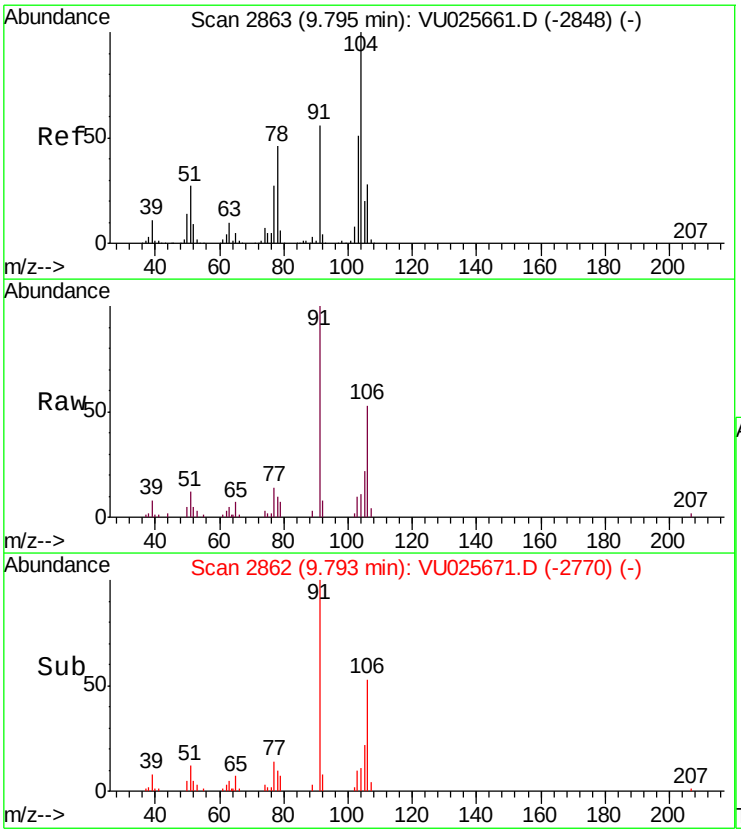
#69
o-Xylene
Concen: 4.33 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:106 Resp: 18023

Ion	Ratio	Lower	Upper
106	100		
91	208.3	105.3	315.8

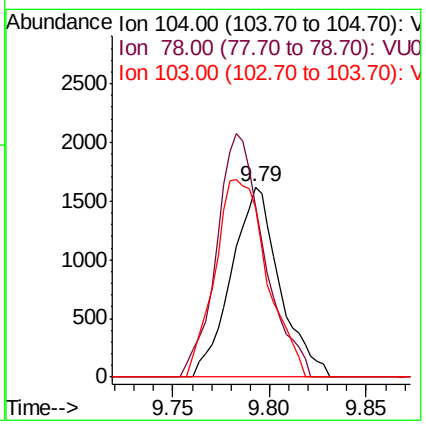


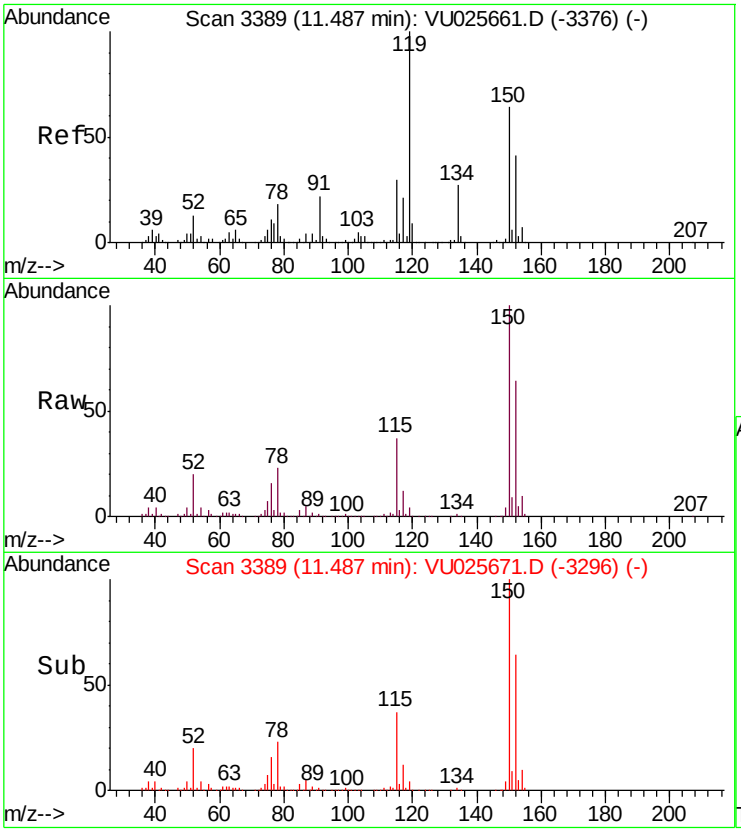


#70
Styrene
Concen: 0.42 ug/l
RT: 9.79 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:104 Resp: 2812

Ion	Ratio	Lower	Upper
104	100		
78	126.0	41.6	62.4#
103	111.5	44.6	66.8#



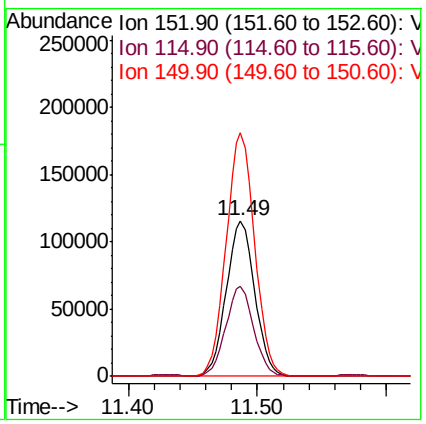


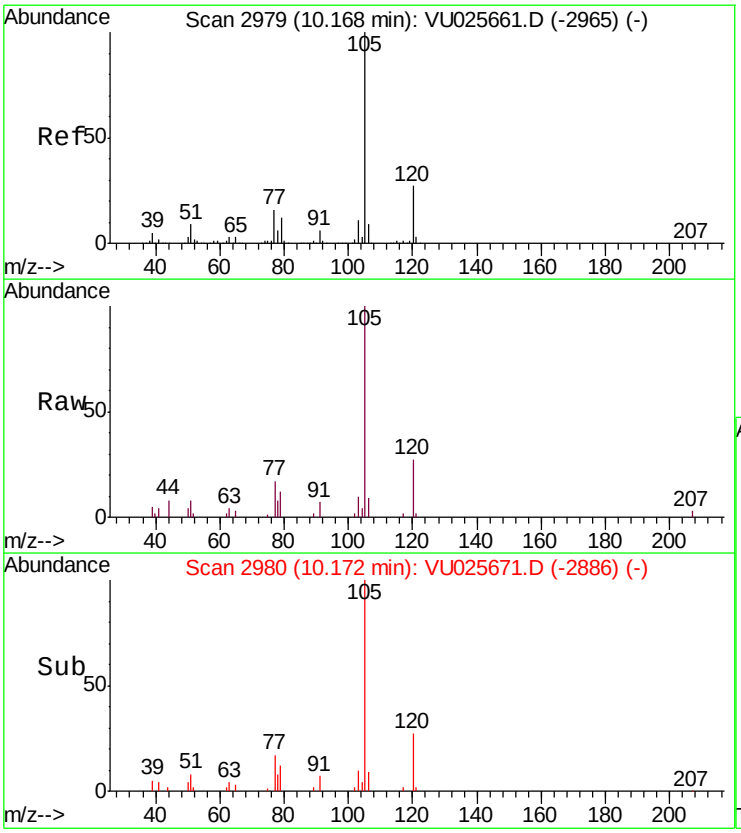
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument : MSVOA_U
ClientSampleId : MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:152 Resp: 176915

Ion	Ratio	Lower	Upper
152	100		
115	56.8	40.1	120.3
150	156.7	0.0	351.4

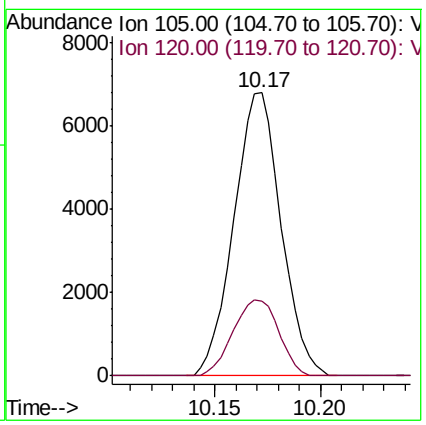


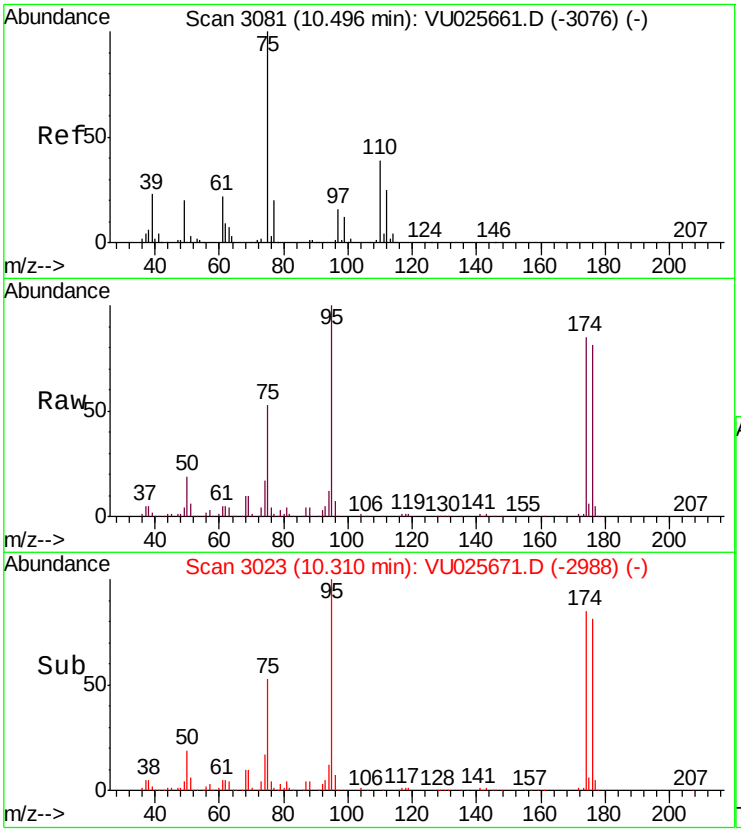


#73
Isopropylbenzene
Concen: 0.87 ug/l
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:105 Resp: 10547

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.5	40.5



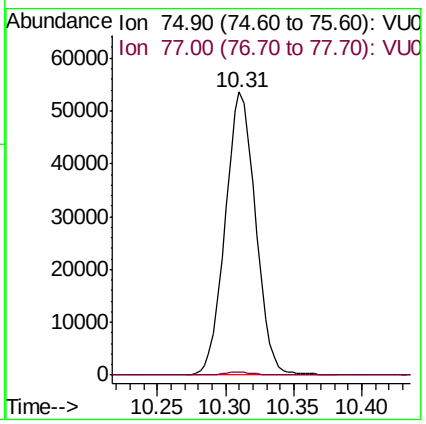


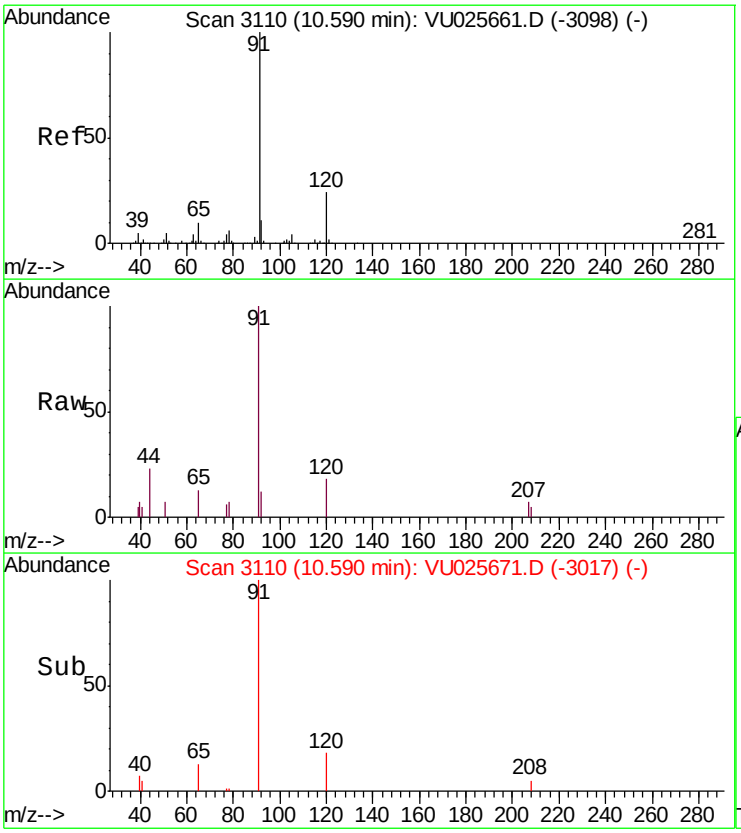
#76
1,2,3-Trichloropropane
Concen: 21.25 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 75 Resp: 82843

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.4	61.3#

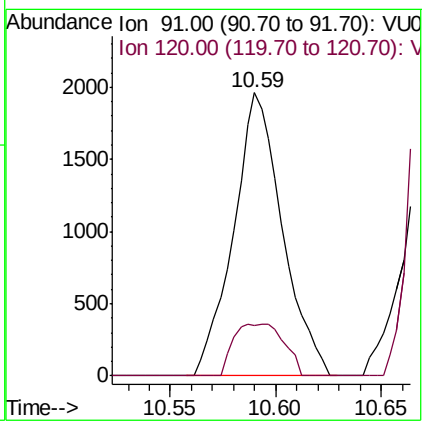


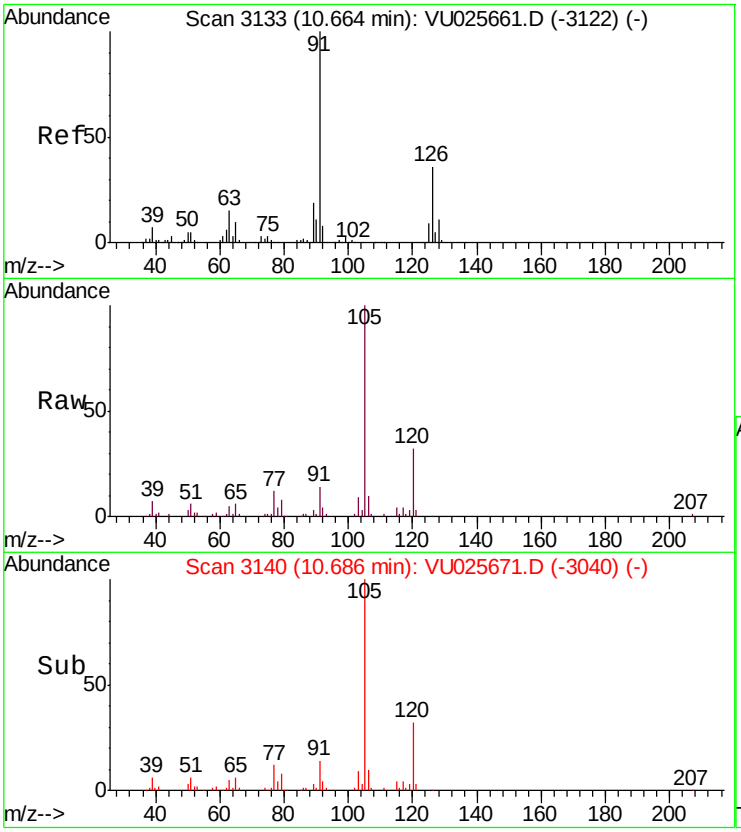


#78
n-propylbenzene
Concen: 0.22 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 91 Resp: 3158

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.8	35.3#



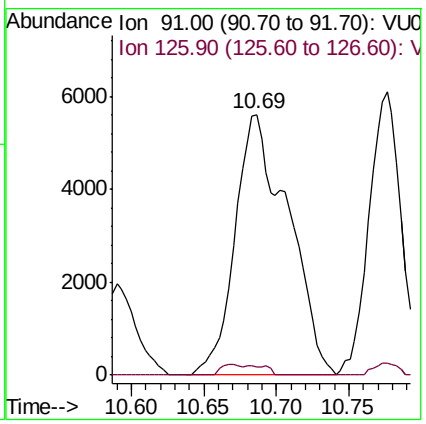


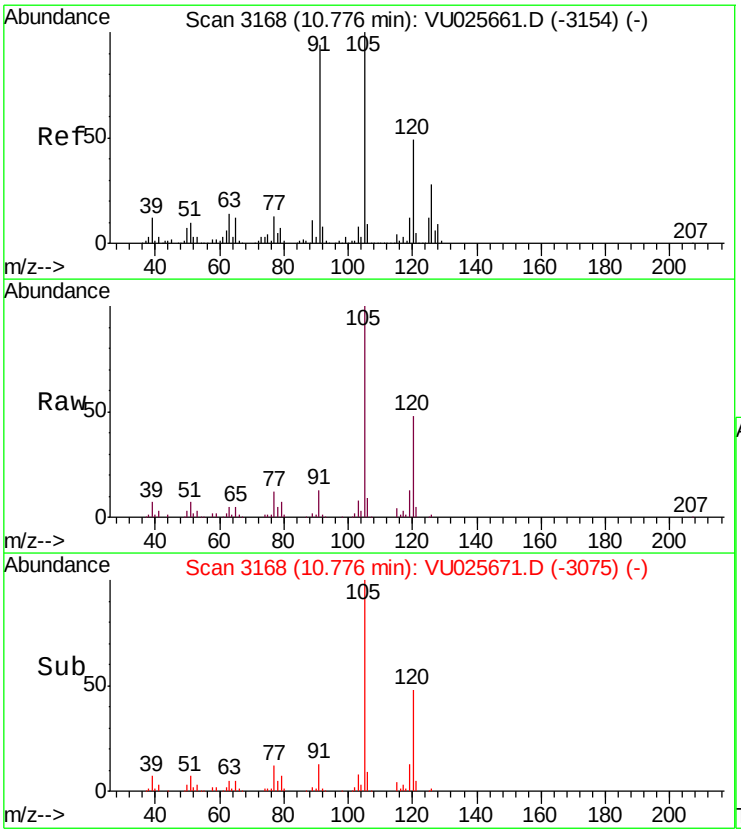
#79
2-Chlorotoluene
Concen: 1.73 ug/l
RT: 10.69 min Scan# 3140
Delta R.T. 0.02 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 91 Resp: 14272

Ion	Ratio	Lower	Upper
91	100		
126	1.6	17.5	52.6#

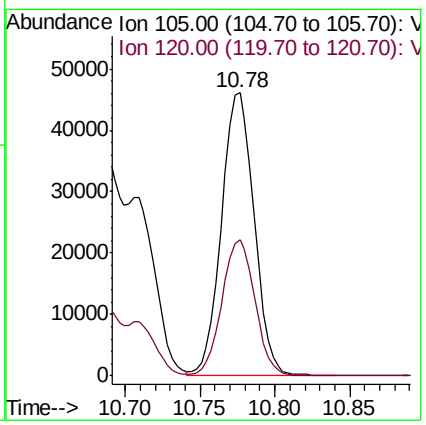


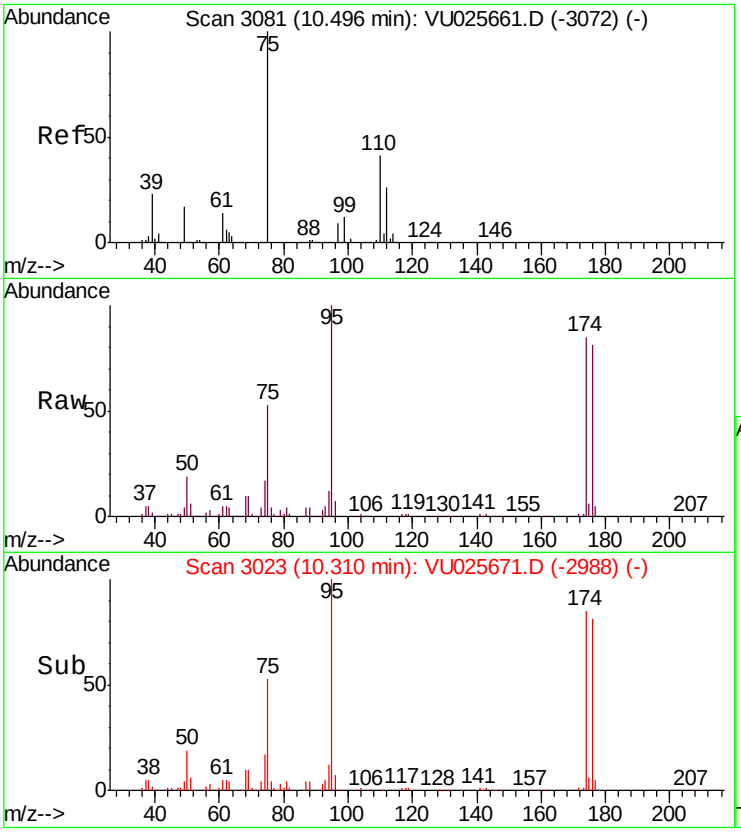


#80
1,3,5-Trimethylbenzene
Concen: 6.86 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:105 Resp: 70348

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.2



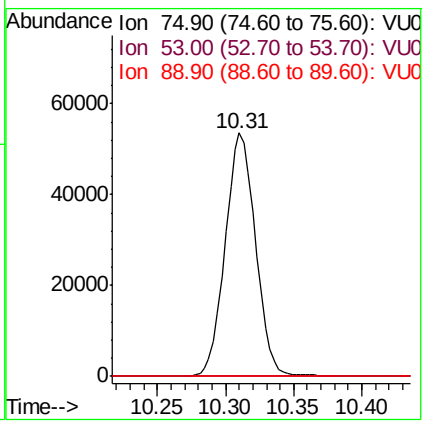


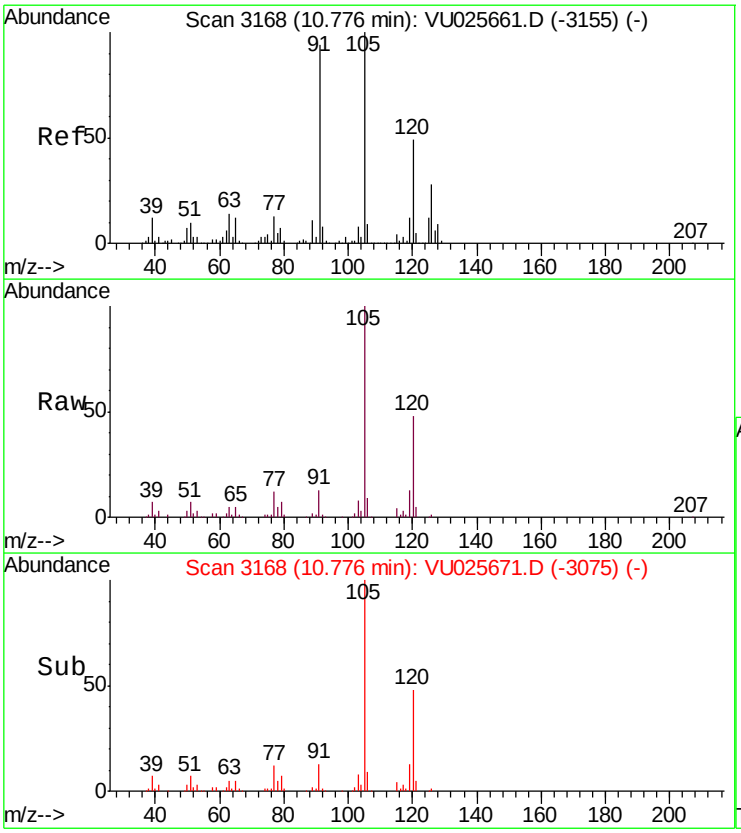
#81
trans-1,4-Dichloro-2-butene
Concen: 53.29 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 75 Resp: 82843

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

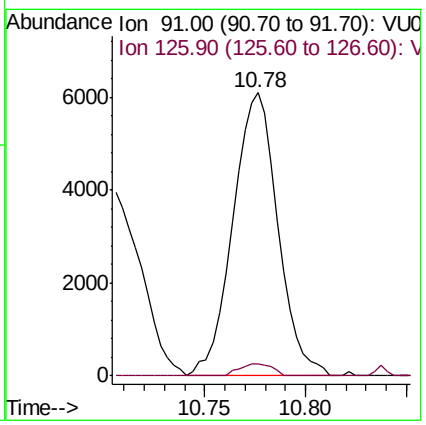


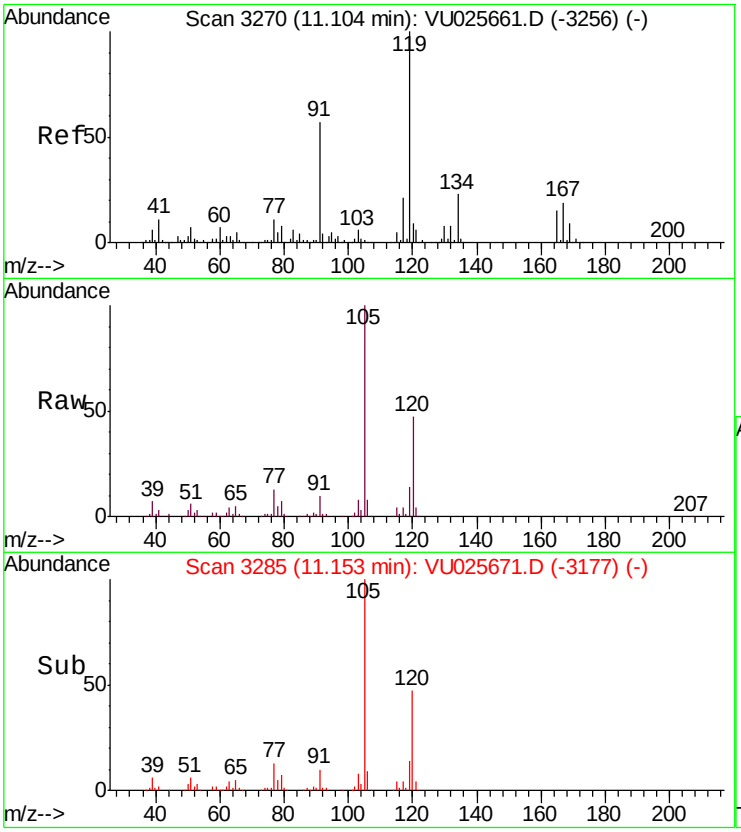


#82
4-Chlorotoluene
Concen: 0.98 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 91 Resp: 9508

Ion	Ratio	Lower	Upper
91	100		
126	3.2	15.3	45.9#



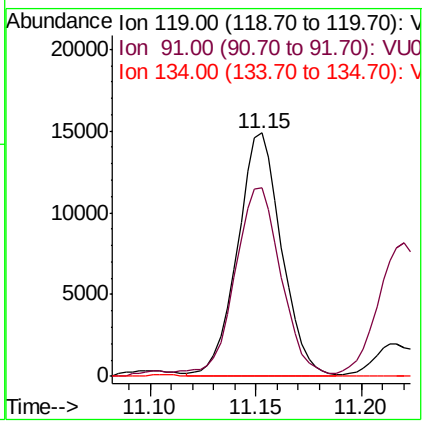


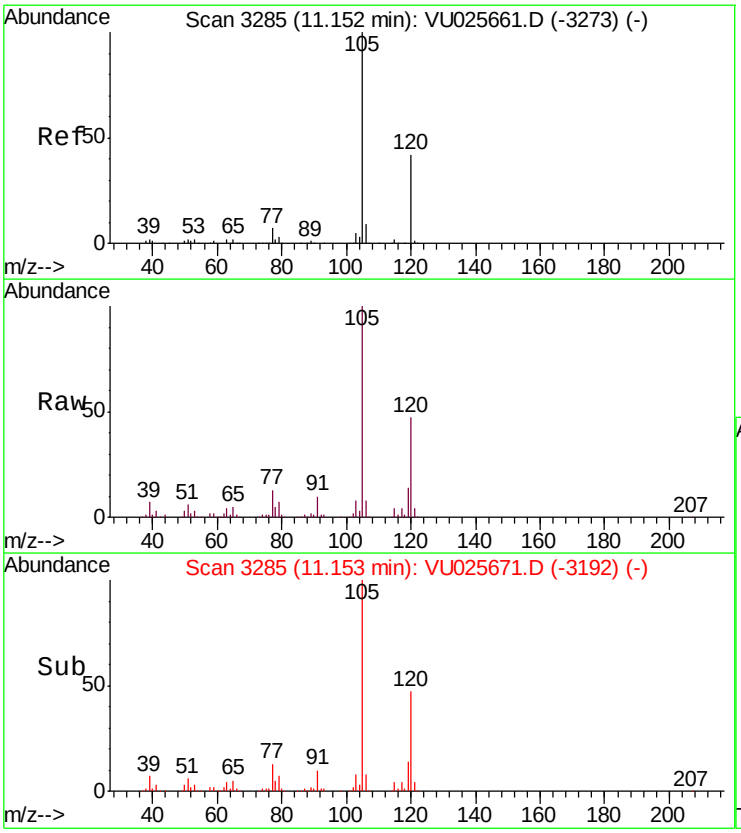
#83
tert-Butylbenzene
Concen: 2.12 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.05 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:119 Resp: 21615

Ion	Ratio	Lower	Upper
119	100		
91	81.2	29.7	89.1
134	0.0	11.5	34.5#

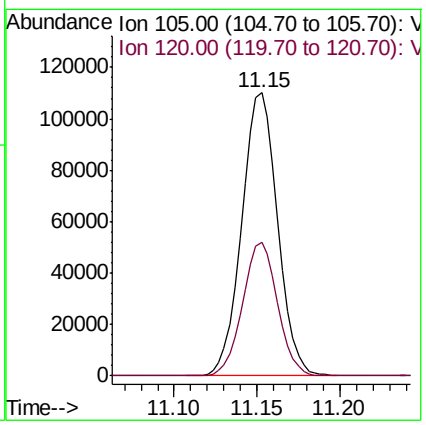


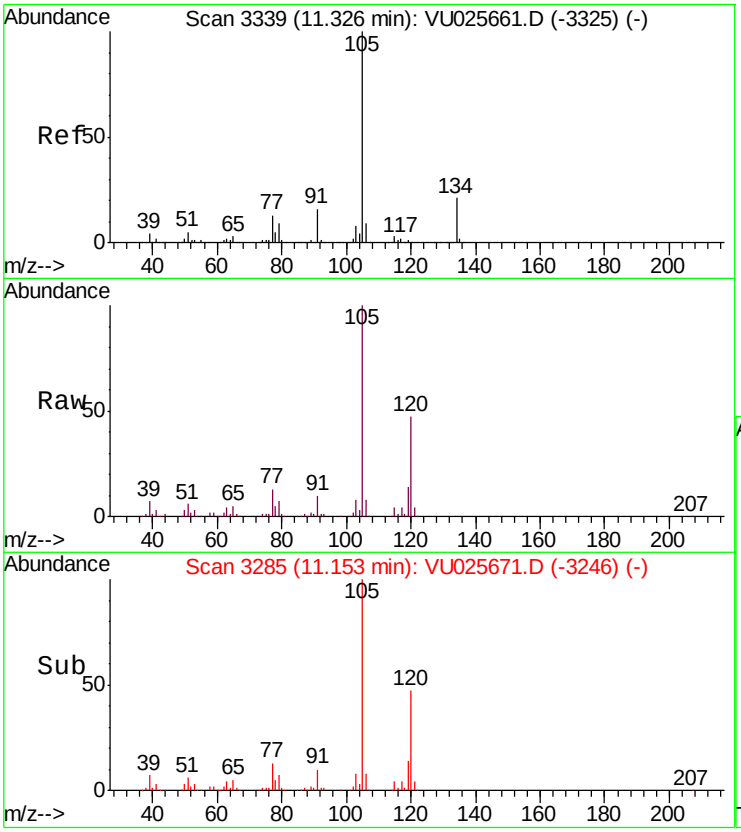


#84
1,2,4-Trimethylbenzene
Concen: 15.94 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:105 Resp: 165644

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.8



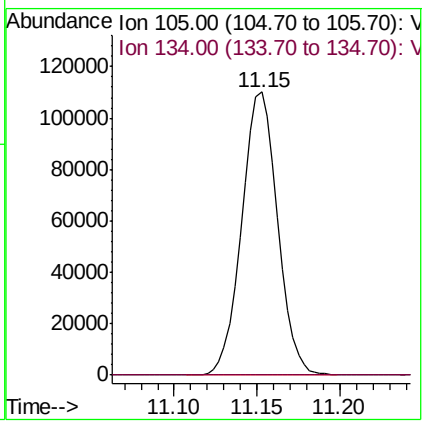


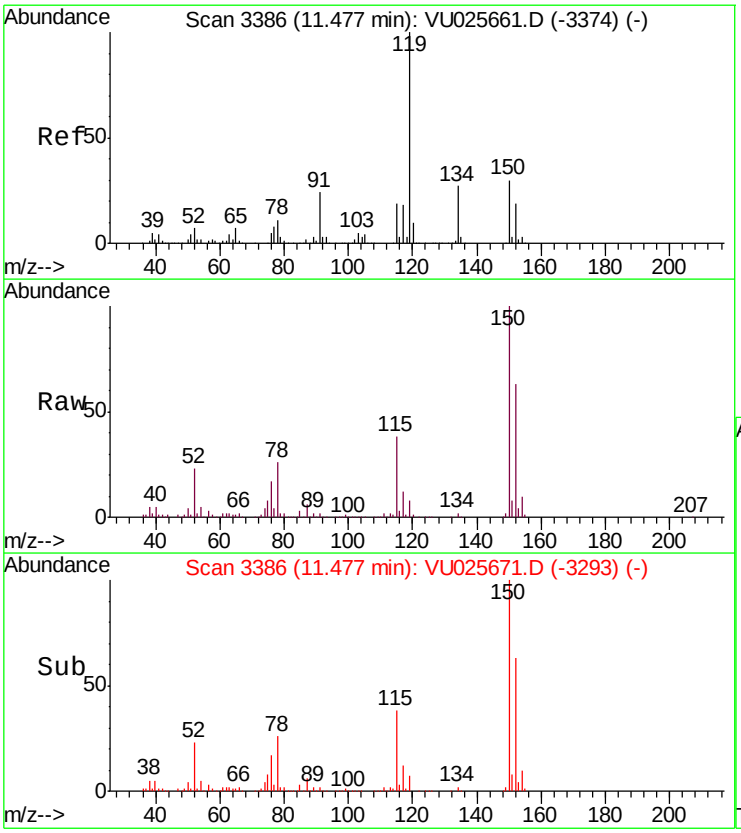
#85
sec-Butylbenzene
Concen: 13.32 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. -0.17 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:105 Resp: 165644

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.8#

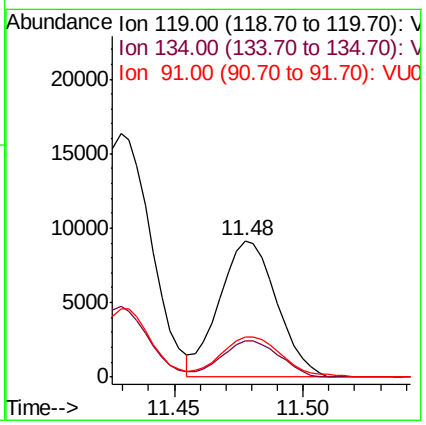


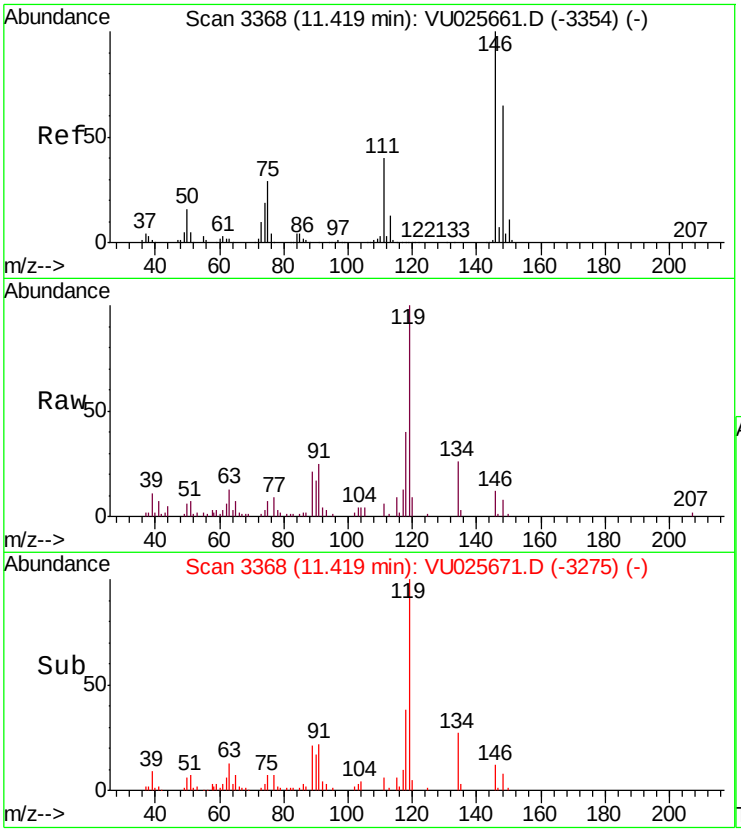


#86
p-Isopropyltoluene
Concen: 1.28 ug/l
RT: 11.48 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:119 Resp: 14223

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.2	39.5
91	31.5	12.0	36.1



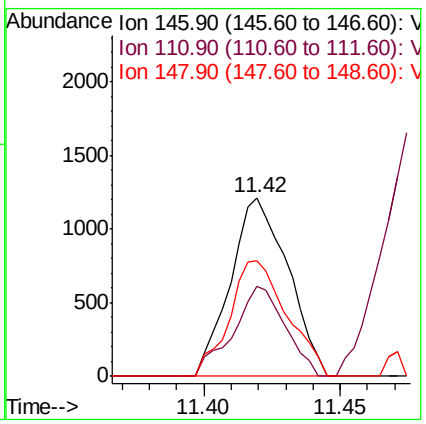


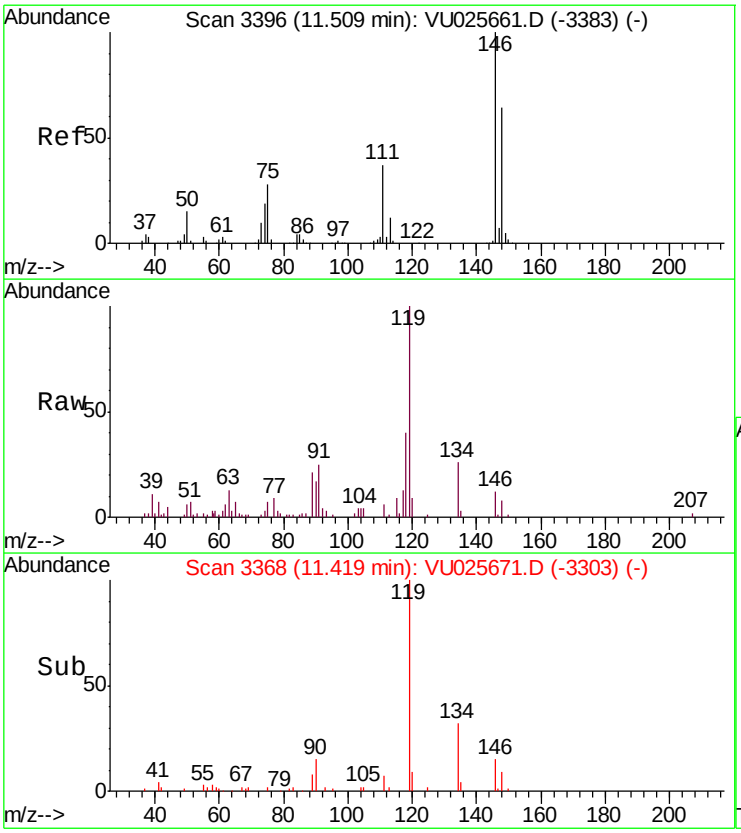
#87
1,3-Dichlorobenzene
Concen: 0.29 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:146 Resp: 1770

Ion	Ratio	Lower	Upper
146	100		
111	45.4	19.7	59.1
148	64.7	32.1	96.3

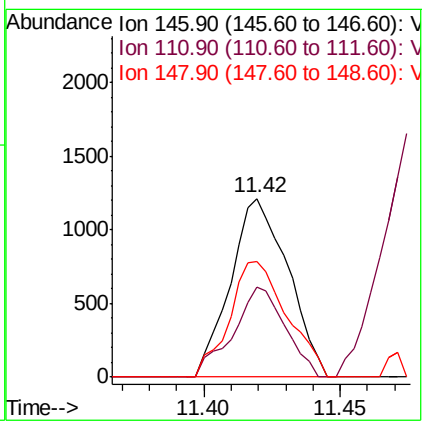


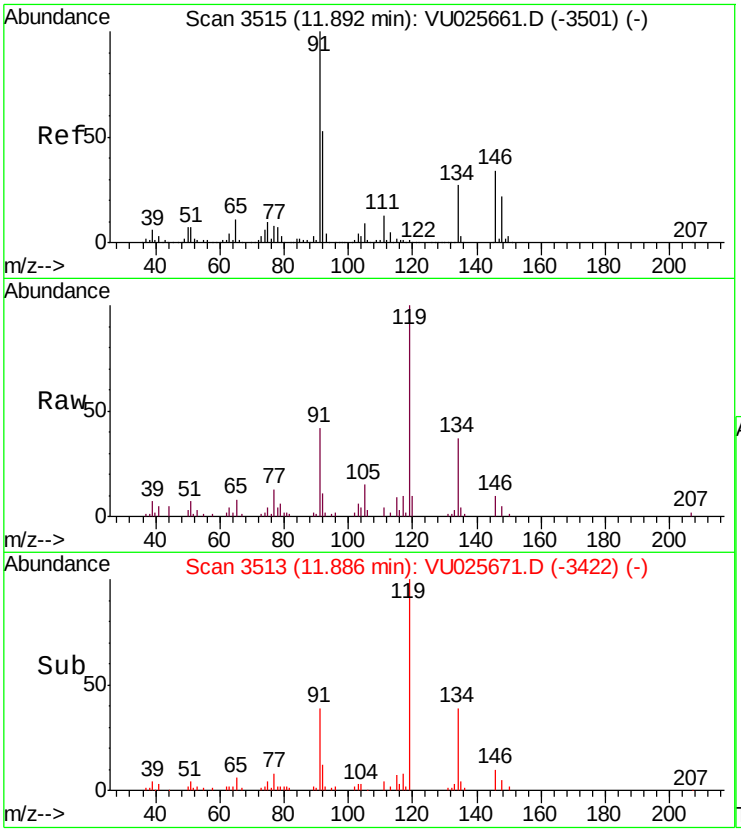


#88
1,4-Dichlorobenzene
Concen: 0.27 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. -0.09 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:146 Resp: 1770

Ion	Ratio	Lower	Upper
146	100		
111	45.4	19.4	58.1
148	64.7	31.7	95.1



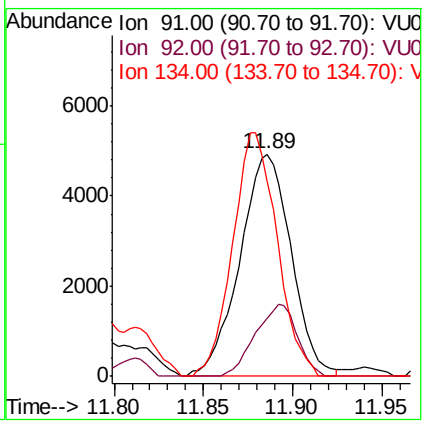


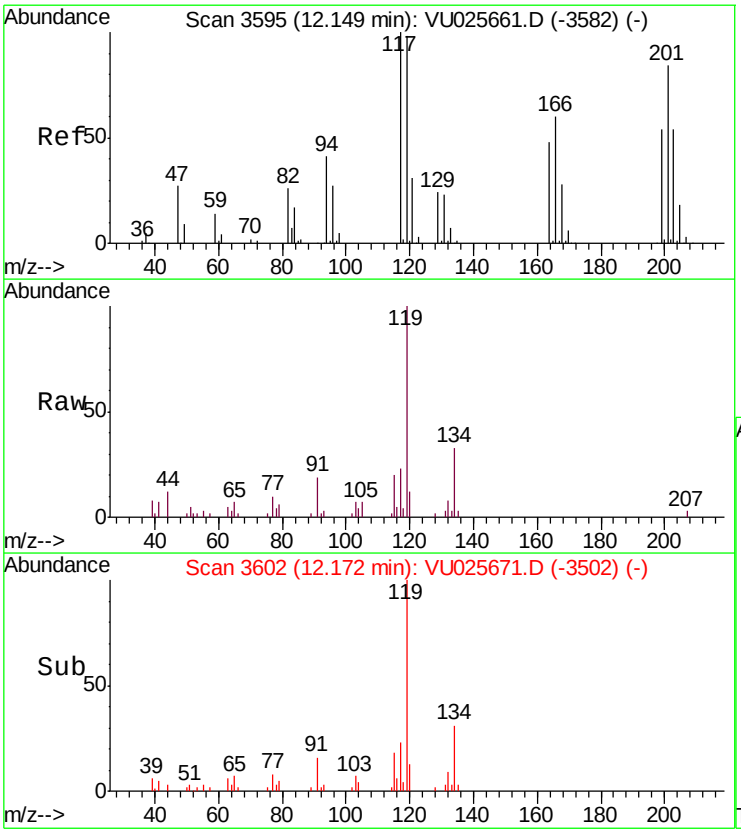
#89
n-Butylbenzene
Concen: 0.96 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion: 91 Resp: 9898

Ion	Ratio	Lower	Upper
91	100		
92	26.6	26.5	79.5
134	94.5	13.6	40.7#

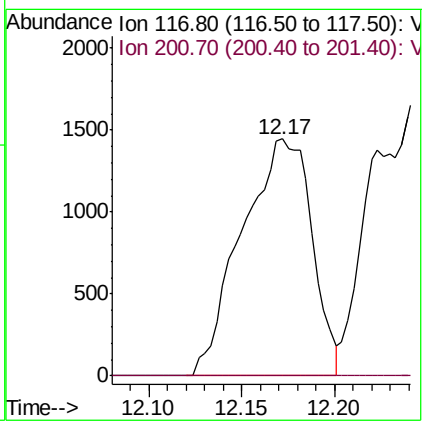


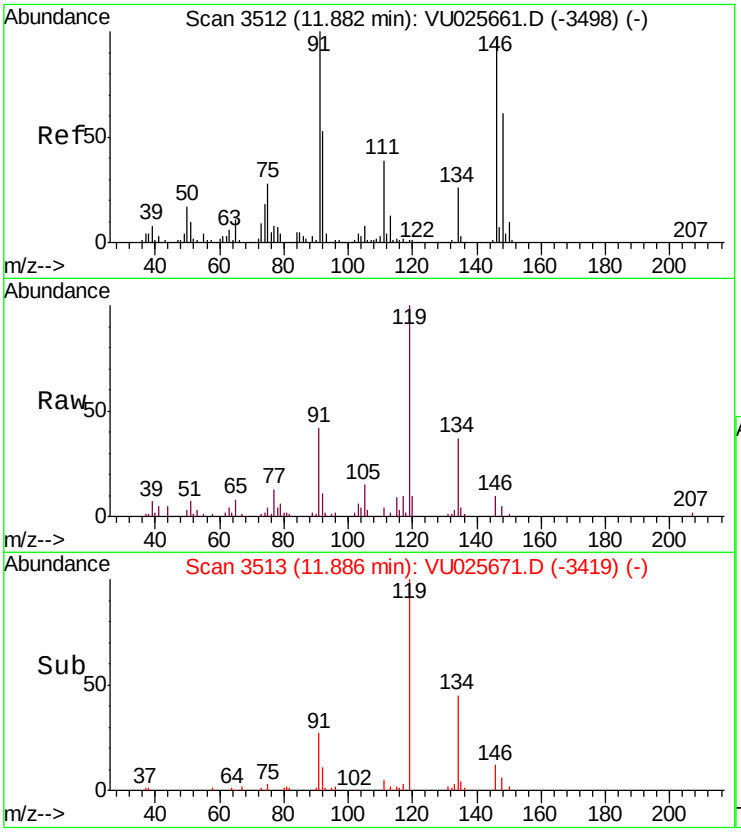


#90
Hexachloroethane
Concen: 1.92 ug/l
RT: 12.17 min Scan# 3602
Delta R.T. 0.02 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:117 Resp: 3808

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.5	127.6#



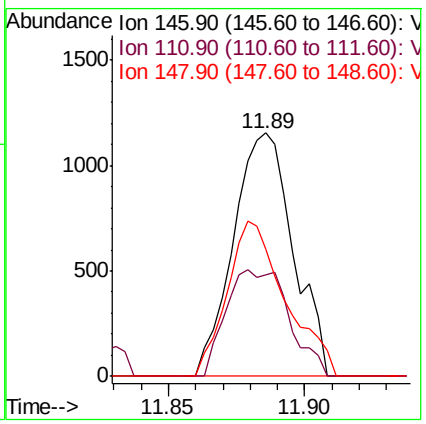


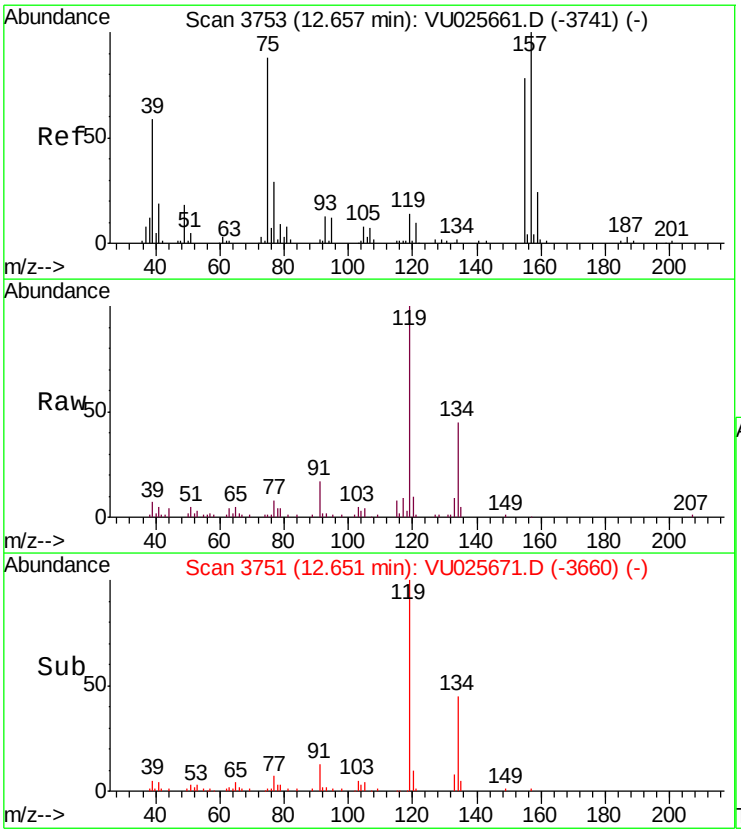
#91
1,2-Dichlorobenzene
Concen: 0.29 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:146 Resp: 1754

Ion	Ratio	Lower	Upper
146	100		
111	46.1	20.6	61.8
148	62.4	31.5	94.5

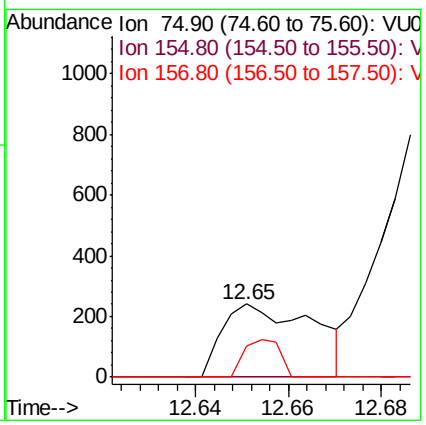


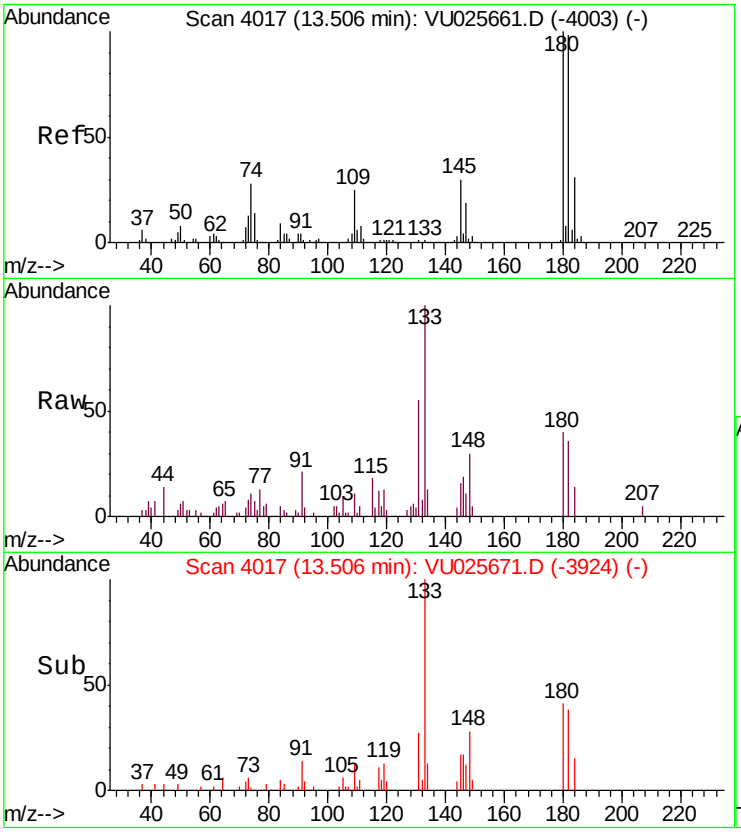


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.33 ug/l
RT: 12.65 min Scan# 3751
Delta R.T. -0.01 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 75 Resp: 326

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.5	133.3#
157	20.2	57.0	170.8#



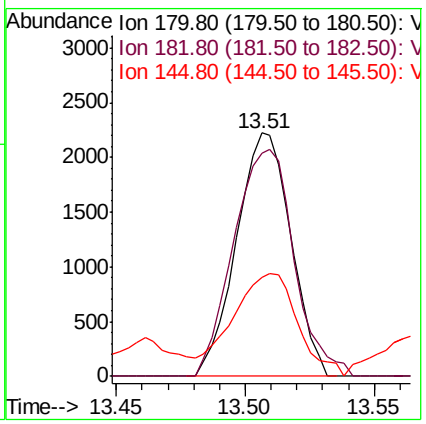


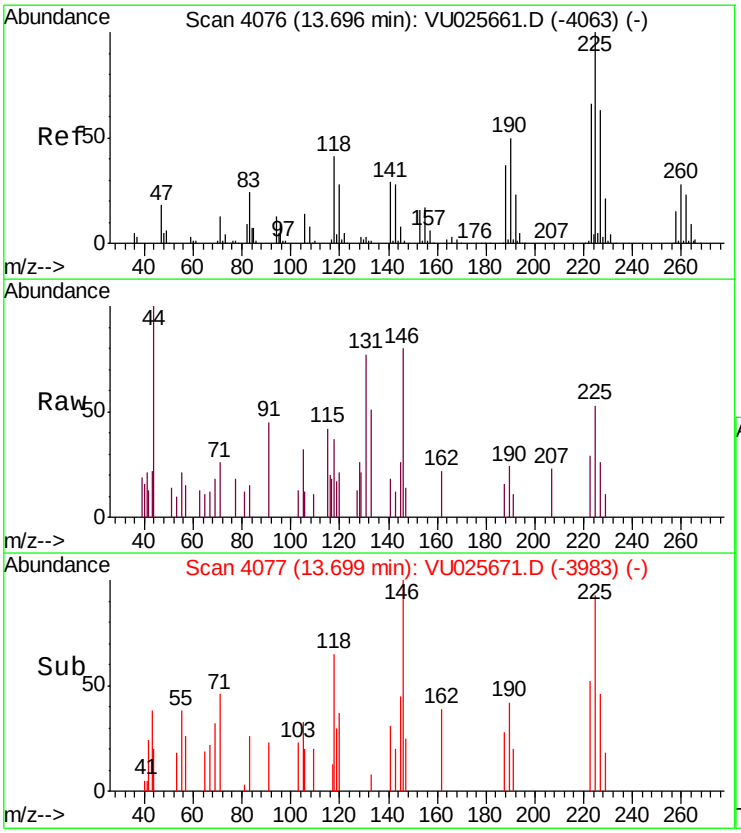
#93
1,2,4-Trichlorobenzene
Concen: 0.80 ug/l
RT: 13.51 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:180 Resp: 3261

Ion	Ratio	Lower	Upper
180	100		
182	104.0	47.3	141.9
145	50.8	14.9	44.7#

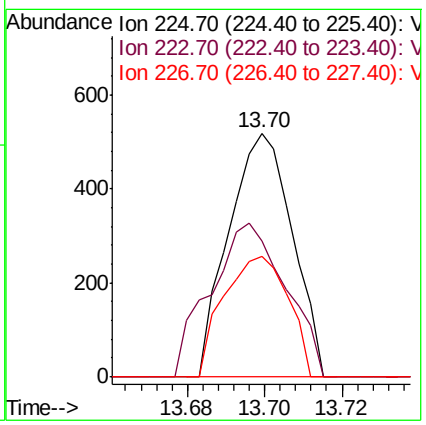


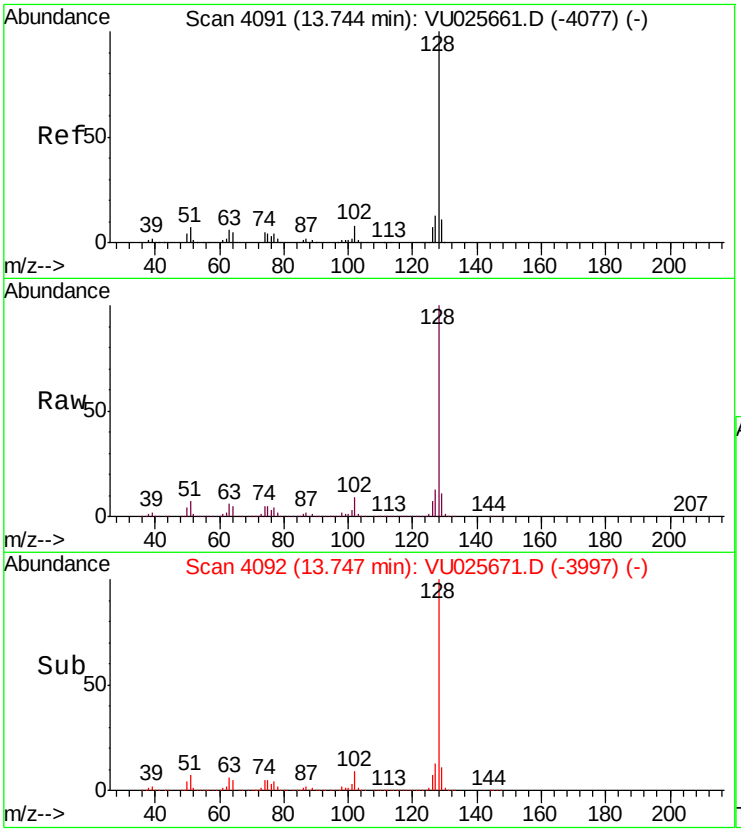


#94
Hexachlorobutadiene
Concen: 0.27 ug/l
RT: 13.70 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:225 Resp: 591

Ion	Ratio	Lower	Upper
225	100		
223	74.8	31.9	95.7
227	50.6	32.3	96.9



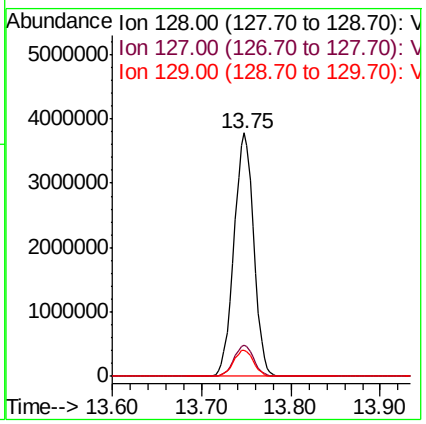


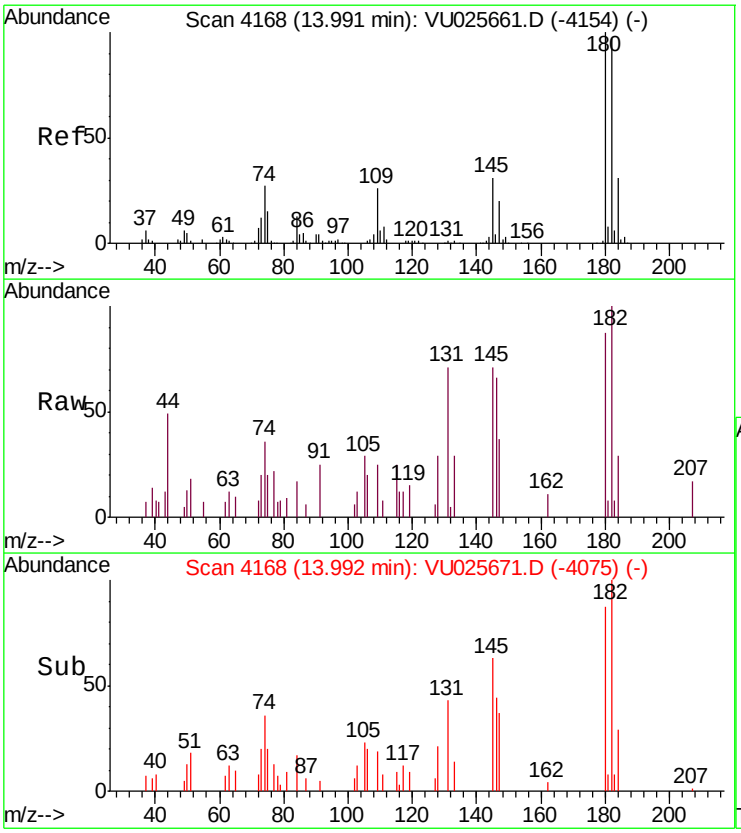
#95
Naphthalene
Concen: 429.03 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMASTER-SEDIMENT-7-23-18ME

Tgt Ion:128 Resp: 5763773

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.3	12.5





#96
1,2,3-Trichlorobenzene
Concen: 0.63 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion:180 Resp: 2558

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.8	143.3
145	168.9	15.6	46.8#