Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
Data File : VX002383.D
Acq On : 07 Jun 2018 17:40
Operator : JC/MD
Sample : J3342-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OUTFALL001-180605

Quant Time: Jun 08 01:46:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	225104	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	323716	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	291892	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162010	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	174569	54.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.10%				
35) Dibromofluoromethane	5.51	113	133943	52.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.22%				
50) Toluene-d8	8.72	98	522520	53.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.10%				
62) 4-Bromofluorobenzene	11.14	95	177544	47.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.38%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	616	Below Cal		#	78
5) Bromomethane	1.65	94	1202	Below Cal		#	55
6) Chloroethane	1.70	64	809	0.42	ug/l	#	59
8) Diethyl Ether	2.34	74	43	Below Cal			90
10) Methyl Iodide	2.51	142	3244	0.95	ug/l		96
11) Tert butyl alcohol	3.08	59	435	Below Cal		#	92
13) Acrolein	2.30	56	456	Below Cal		#	41
15) Acrylonitrile	3.15	53	750	Below Cal		#	55
16) Acetone	2.45	43	1382	Below Cal		#	56
17) Carbon Disulfide	2.57	76	1879	0.30	ug/l		96
18) Methyl Acetate	2.78	43	1095	Below Cal		#	76
19) Methyl tert-butyl Ether	3.21	73	316	Below Cal		#	53
20) Methylene Chloride	2.85	84	470	Below Cal		#	75
22) Diisopropyl ether	3.88	45	175	Below Cal		#	75
25) 2-Butanone	4.72	43	617	0.28	ug/l	#	90
27) cis-1,2-Dichloroethene	4.61	96	6898	2.40	ug/l		80
28) Bromochloromethane	5.03	49	179	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	1291	0.91	ug/l	#	88
38) Carbon Tetrachloride	5.67	117	21688	6.09	ug/l	#	16
39) Methylcyclohexane	7.46	83	214	0.31	ug/l	#	81
60) Dibromochloromethane	9.34	129	612	0.22	ug/l	#	11
64) Tetrachloroethene	9.34	164	695	0.23	ug/l		88
68) m/p-Xylenes	10.37	106	1063	0.22	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	96404	27.12	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	96404	95.06	ug/l	#	6
87) 1,3-Dichlorobenzene	12.03	146	1463	0.26	ug/l		92
88) 1,4-Dichlorobenzene	12.03	146	1463	0.25	ug/l		92
93) 1,2,4-Trichlorobenzene	13.65	180	1507	0.37	ug/l		93
95) Naphthalene	13.84	128	2675	0.23	ug/l	#	91
96) 1,2,3-Trichlorobenzene	14.02	180	1316	0.31	ug/l		94

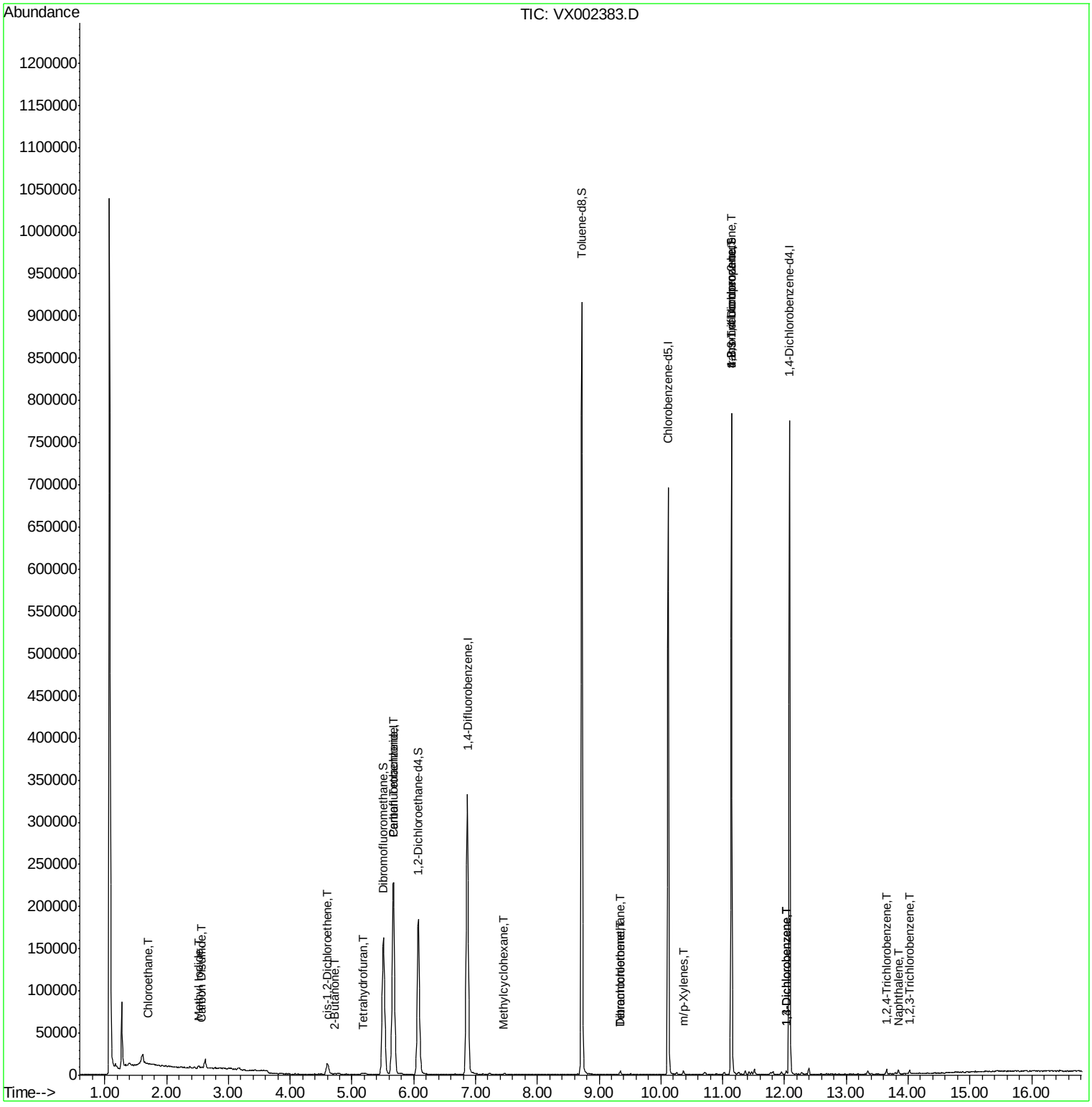
(#) = qualifier out of range (m) = manual integration (+) = signals summed

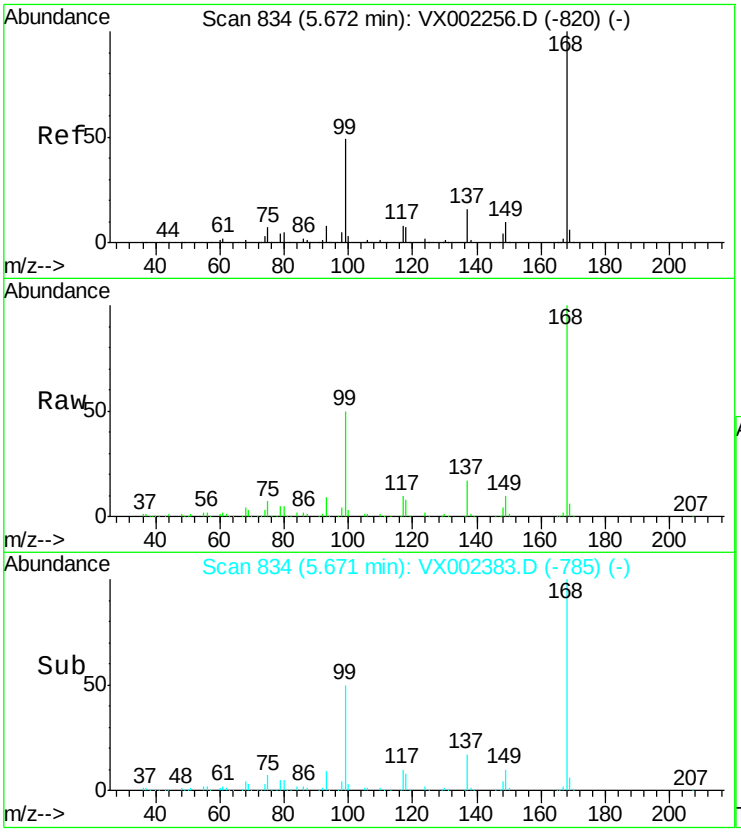
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
Data File : VX002383.D
Acq On : 07 Jun 2018 17:40
Operator : JC/MD
Sample : J3342-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Quant Time: Jun 08 01:46:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



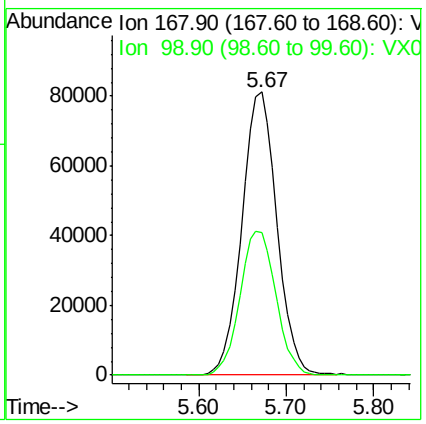


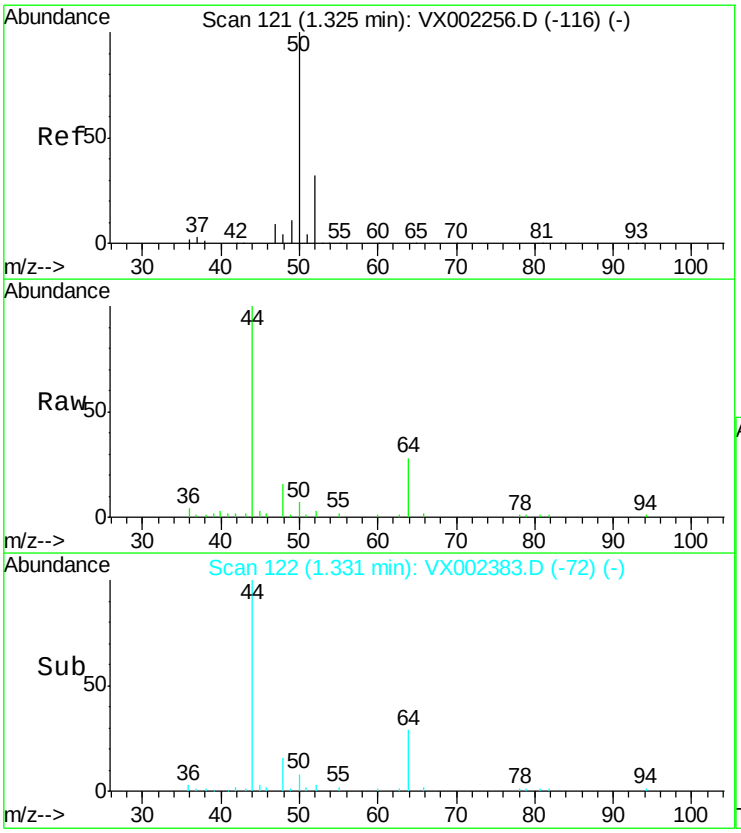
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion:168 Resp: 225104

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.3	58.9

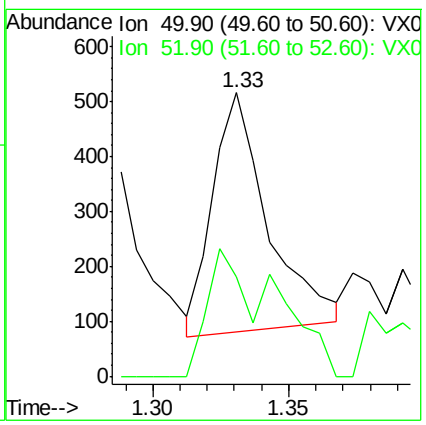


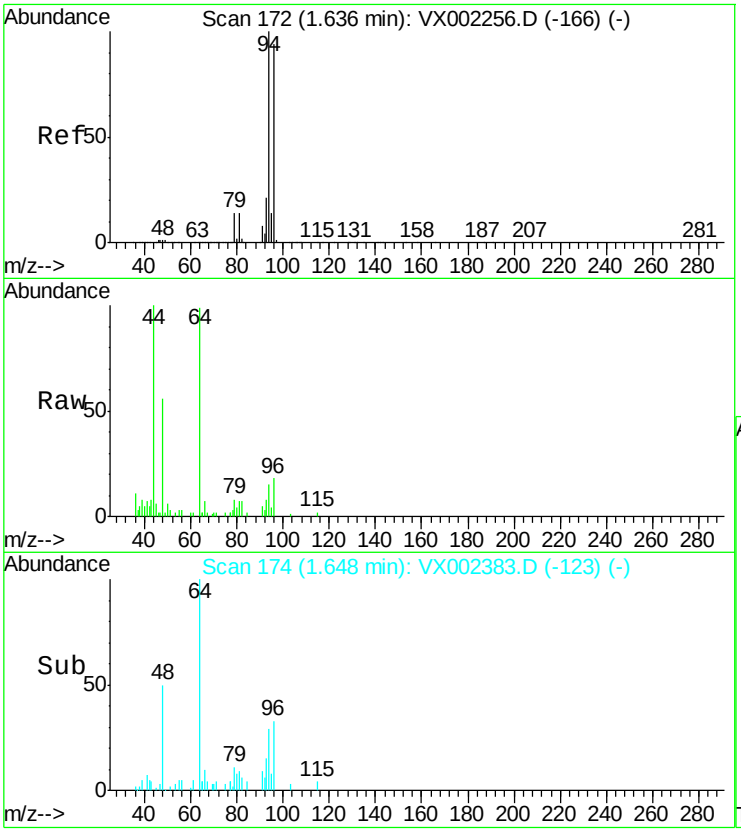


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 50 Resp: 616

Ion	Ratio	Lower	Upper
50	100		
52	44.1	25.7	38.5#



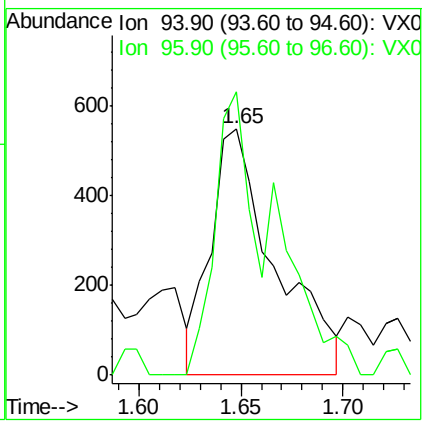


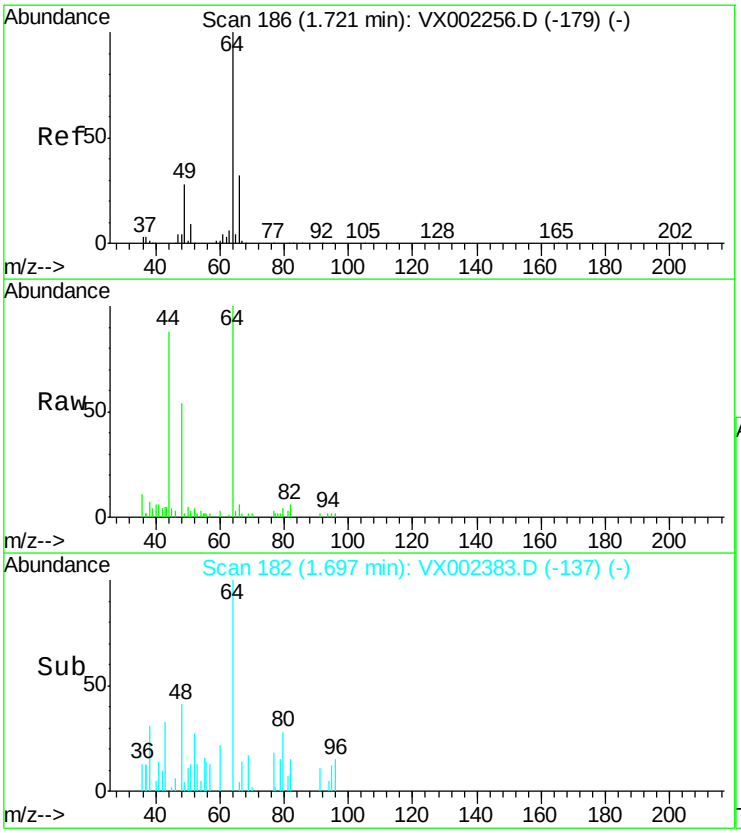
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 94 Resp: 1202

Ion	Ratio	Lower	Upper
94	100		
96	136.6	74.9	112.3#

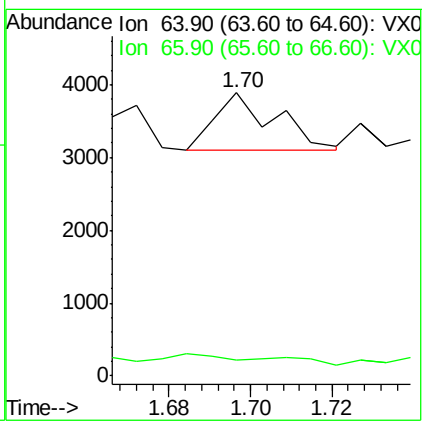


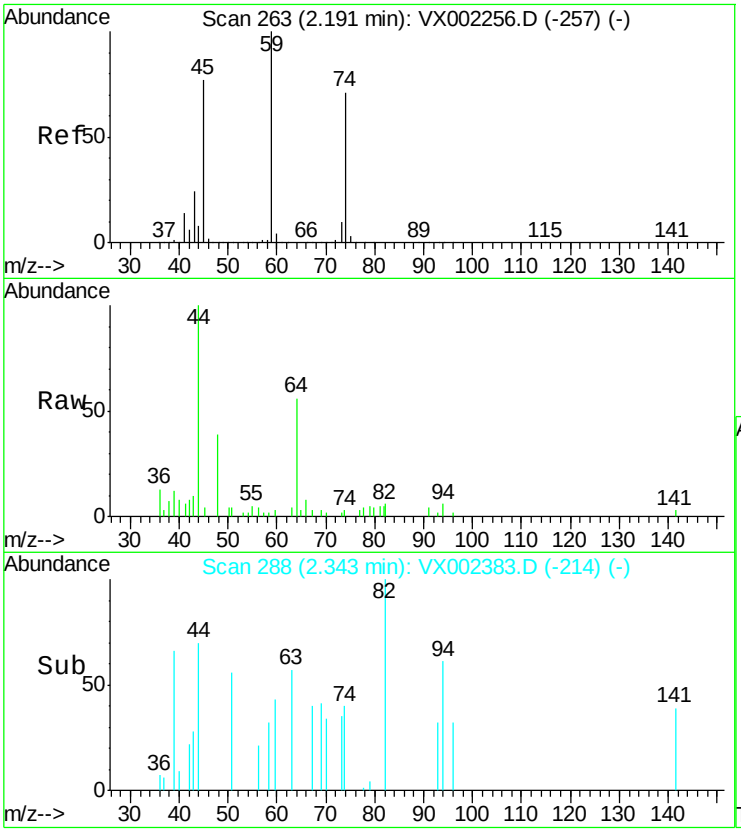


#6
Chloroethane
Concen: 0.42 ug/l
RT: 1.70 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 64 Resp: 809

Ion	Ratio	Lower	Upper
64	100		
66	8.9	25.5	38.3#



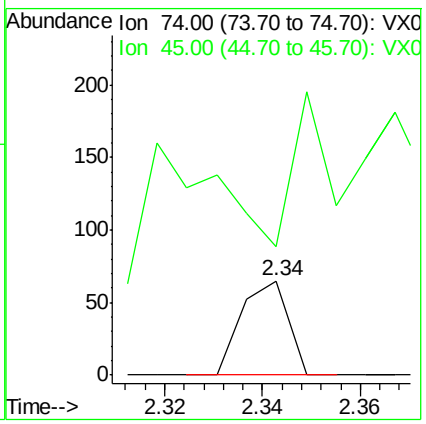


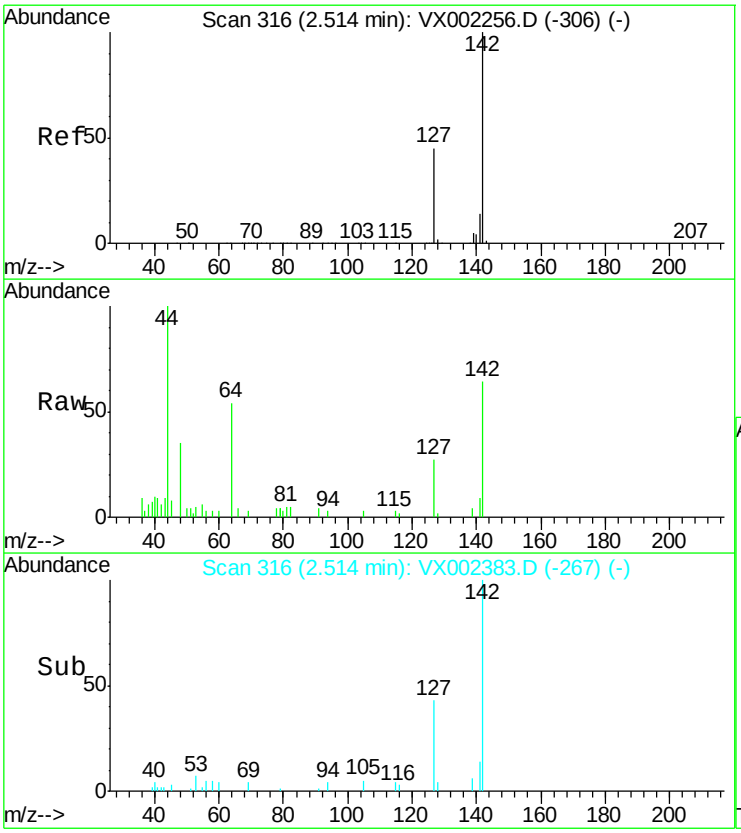
#8
Diethyl Ether
Concen: Below Cal
RT: 2.34 min Scan# 288
Delta R.T. 0.15 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 74 Resp: 43

Ion	Ratio	Lower	Upper
74	100		
45	116.3	53.1	159.4

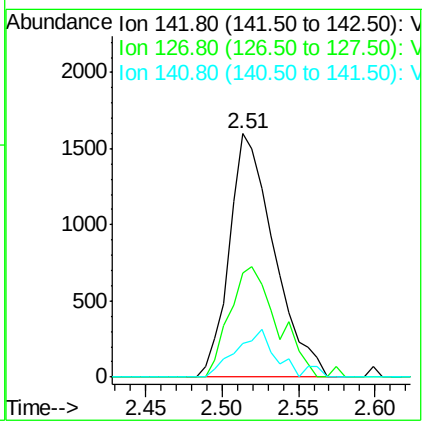


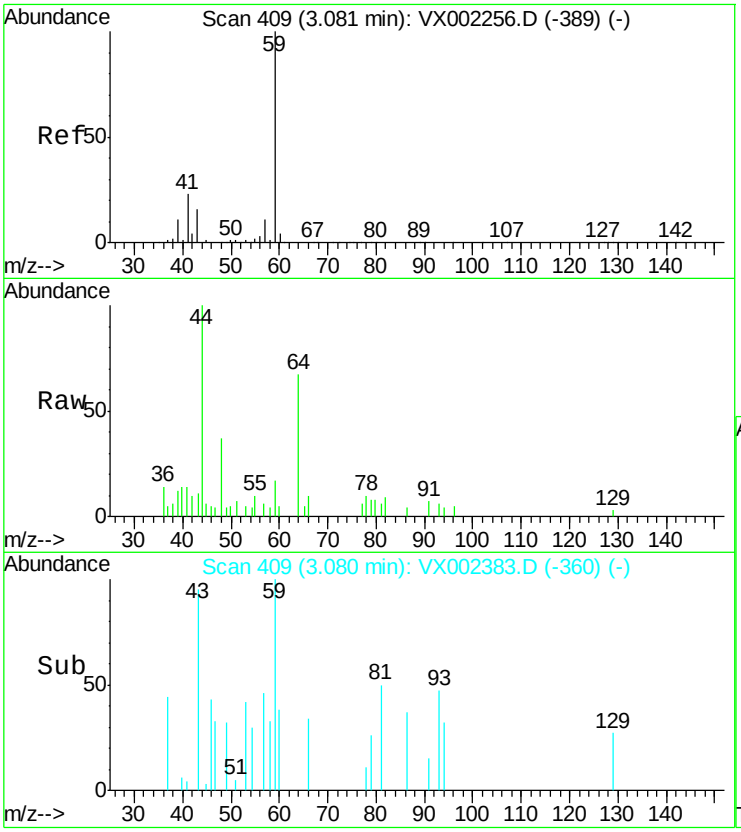


#10
Methyl Iodide
Concen: 0.95 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:142 Resp: 3244

Ion	Ratio	Lower	Upper
142	100		
127	48.0	36.6	55.0
141	16.4	11.3	16.9



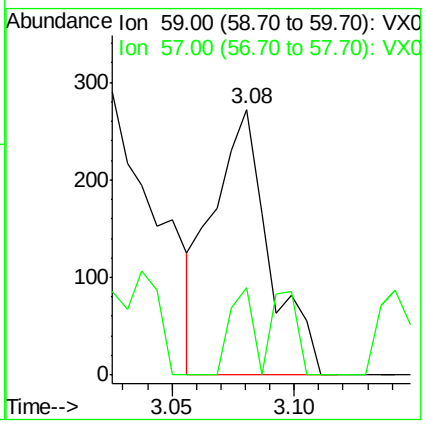


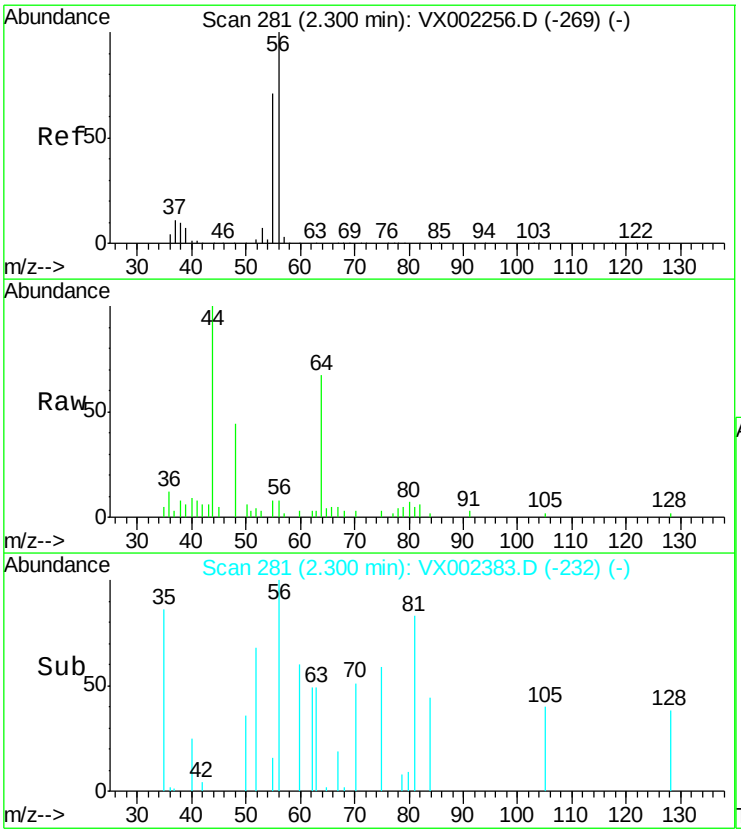
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 59 Resp: 435

Ion	Ratio	Lower	Upper
59	100		
57	13.3	8.2	12.2#

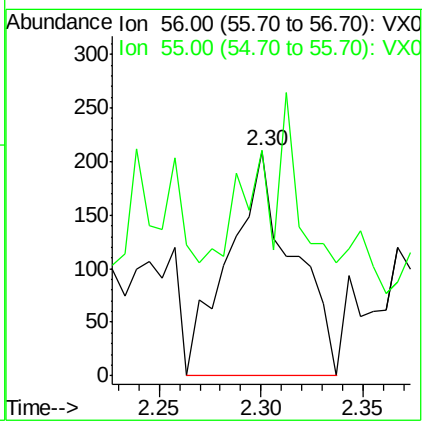


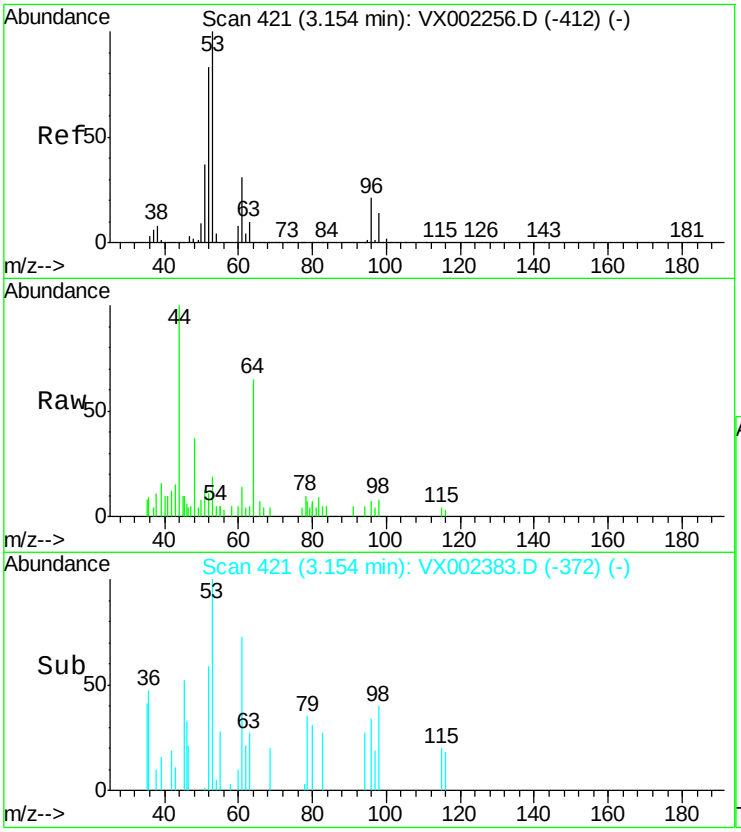


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 56 Resp: 456

Ion	Ratio	Lower	Upper
56	100		
55	21.9	57.0	85.4#



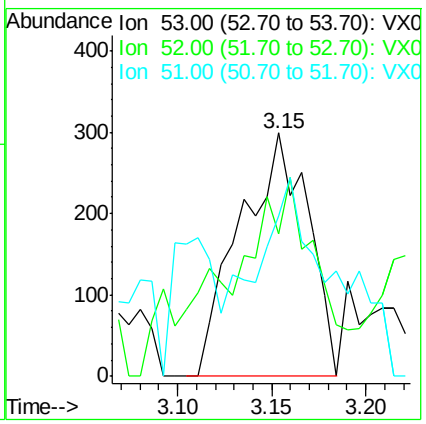


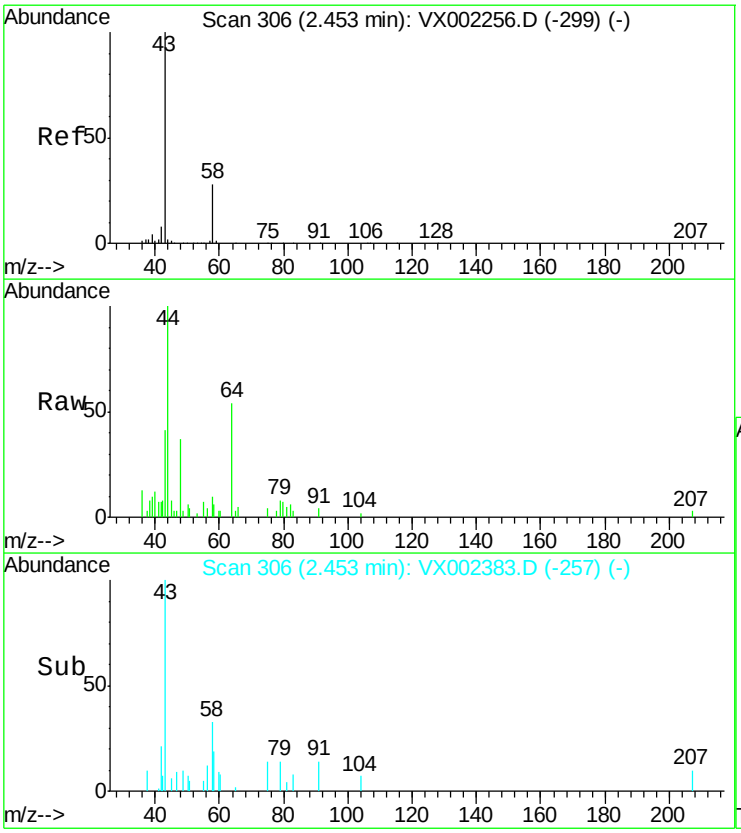
#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 53 Resp: 750

Ion	Ratio	Lower	Upper
53	100		
52	54.4	66.7	100.1#
51	82.4	29.9	44.9#

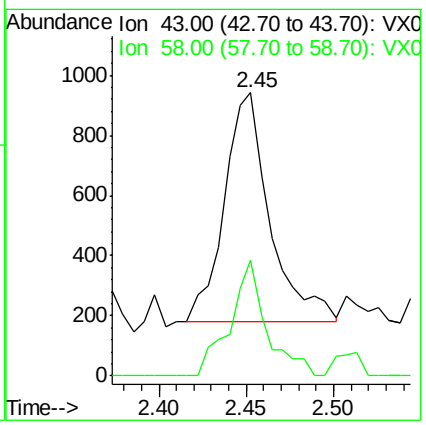


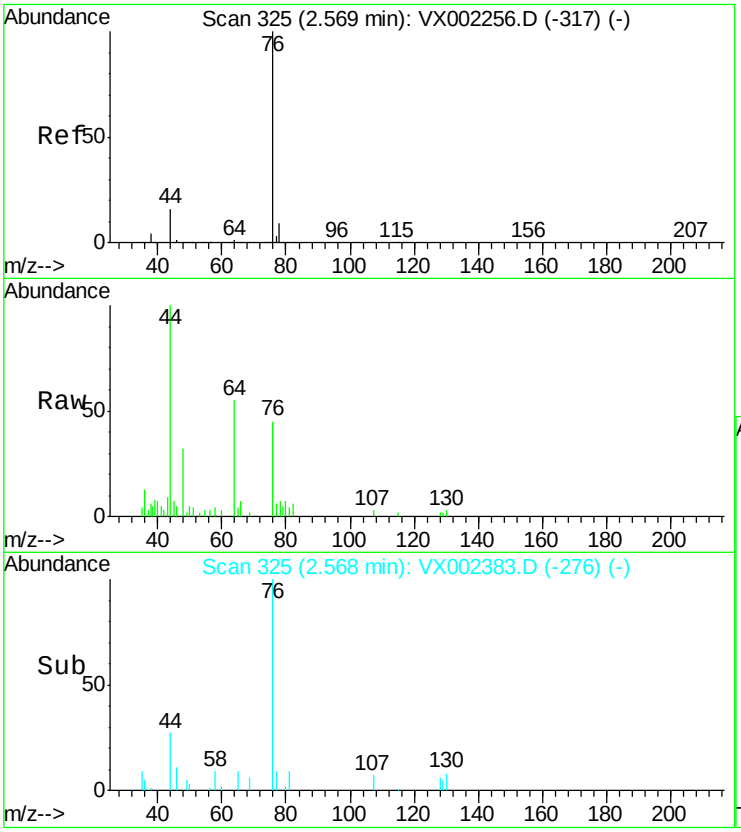


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 43 Resp: 1382

Ion	Ratio	Lower	Upper
43	100		
58	50.4	22.1	33.1#



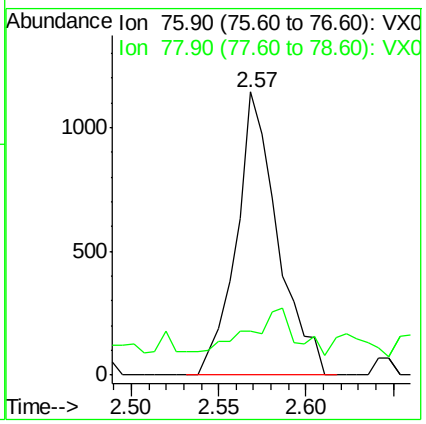


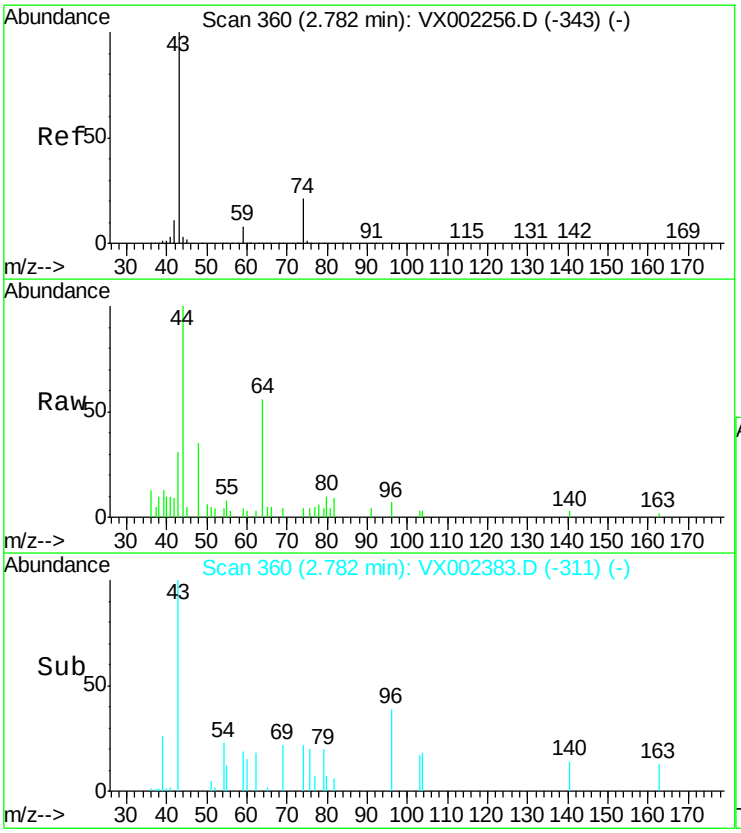
#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 76 Resp: 1879

Ion	Ratio	Lower	Upper
76	100		
78	7.3	6.9	10.3

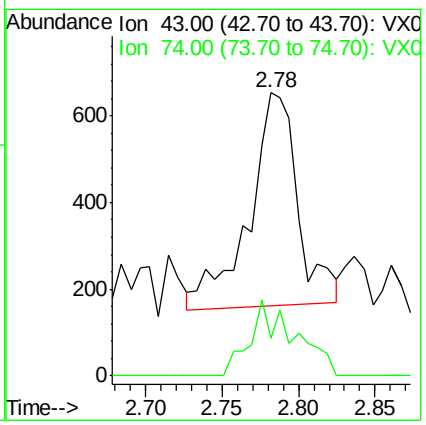


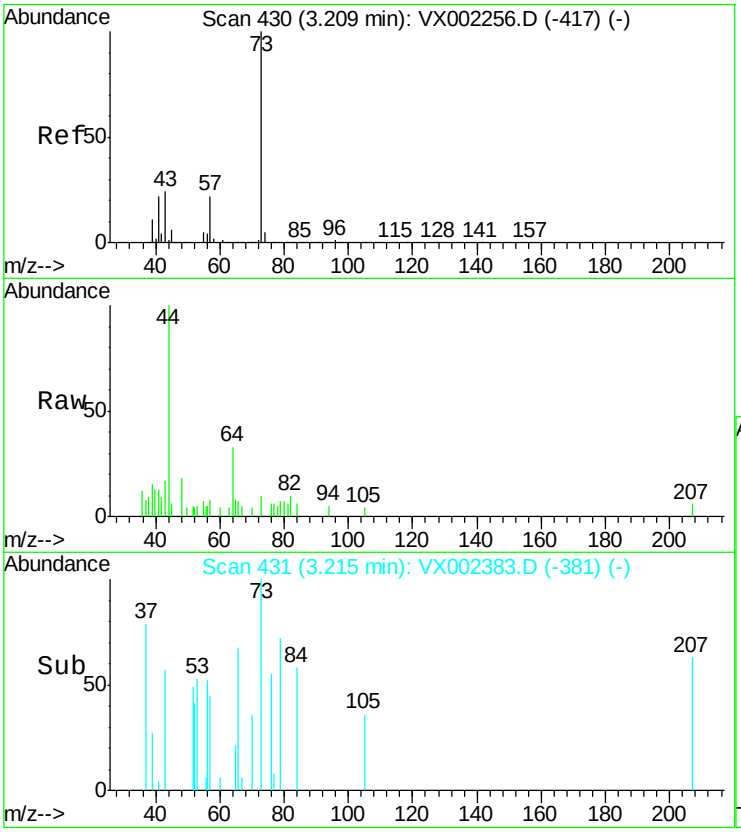


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 43 Resp: 1095

Ion	Ratio	Lower	Upper
43	100		
74	32.1	16.7	25.1#



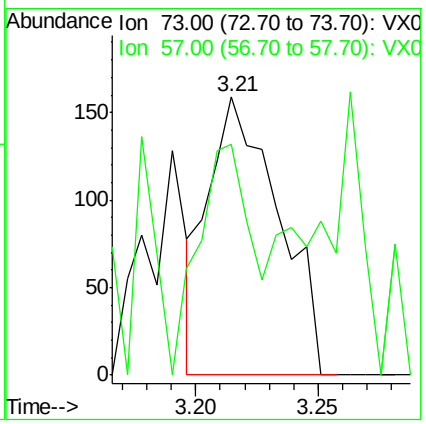


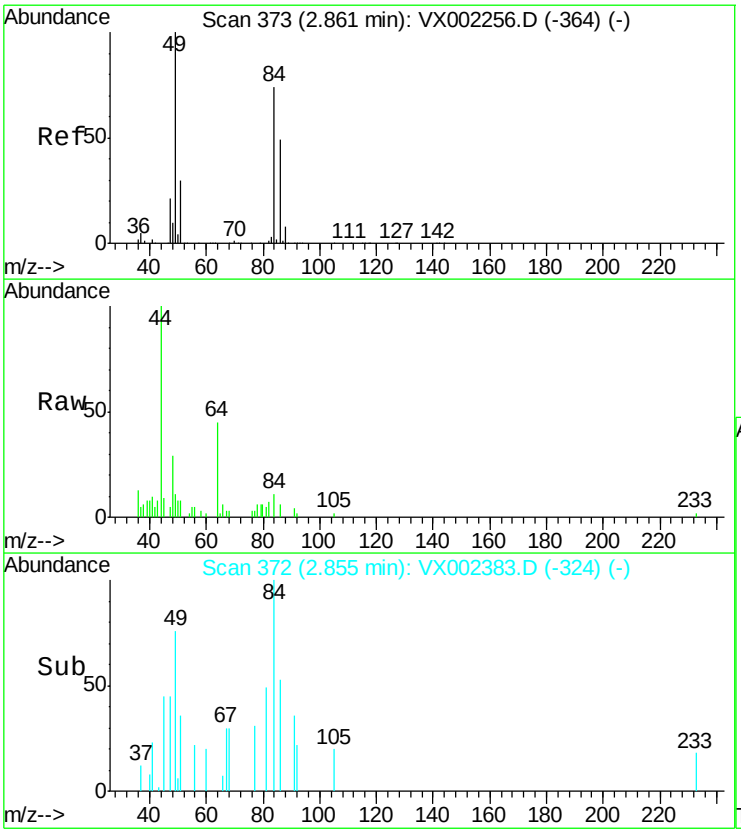
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 73 Resp: 316

Ion	Ratio	Lower	Upper
73	100		
57	44.7	17.7	26.5#

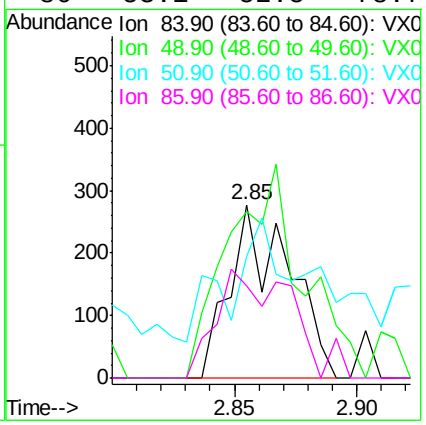


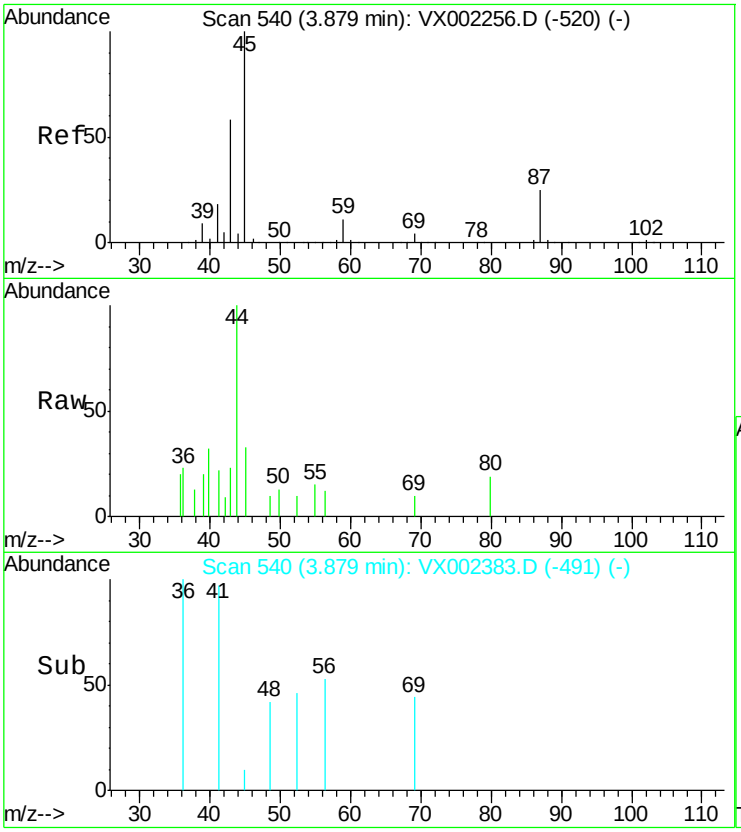


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 84 Resp: 470

Ion	Ratio	Lower	Upper
84	100		
49	96.0	107.8	161.6#
51	49.1	32.8	49.2
86	53.1	52.5	78.7



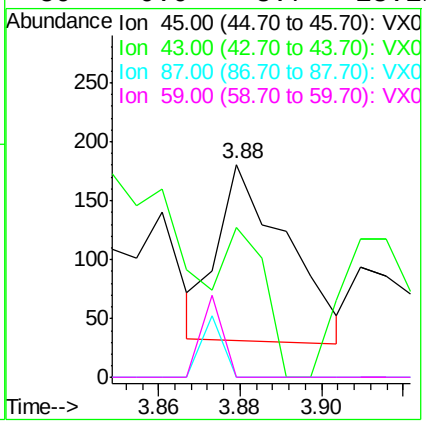


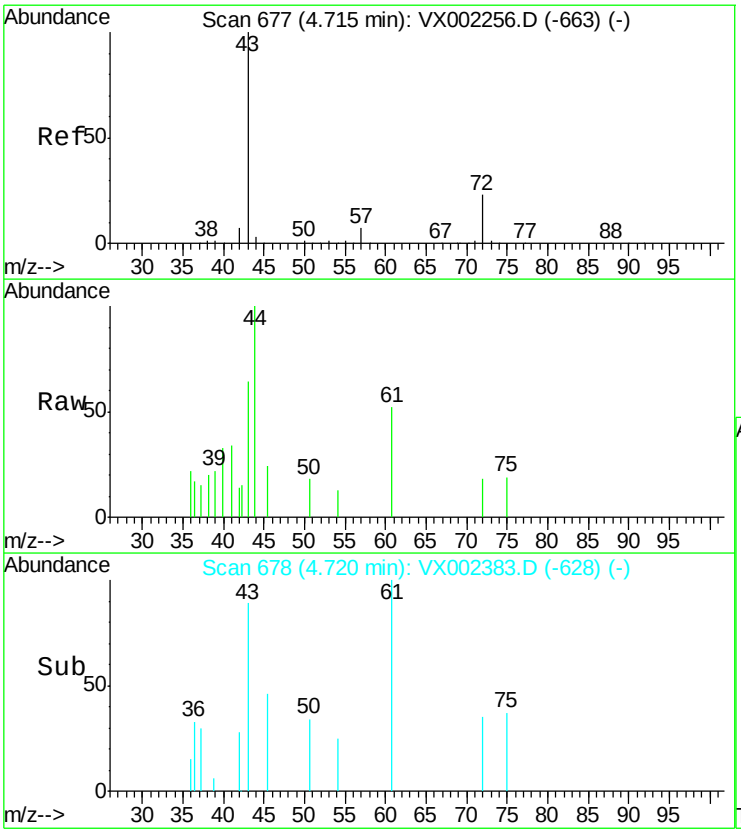
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 45 Resp: 175

Ion	Ratio	Lower	Upper
45	100		
43	48.4	46.8	70.2
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

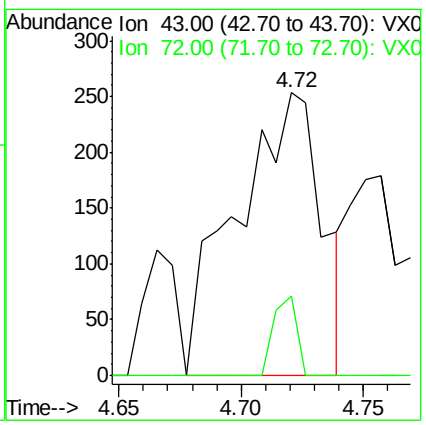


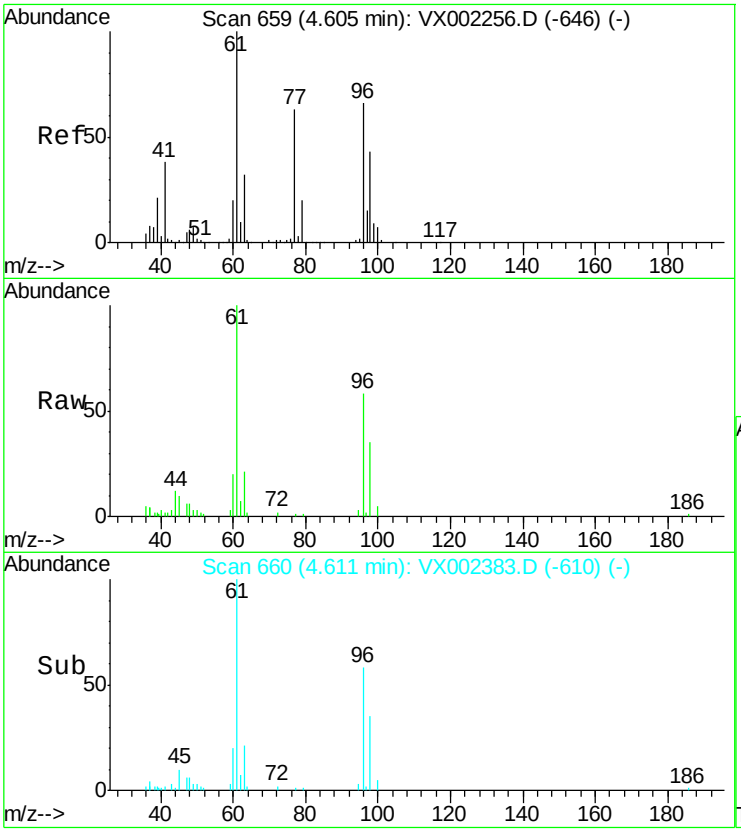


#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 43 Resp: 617

Ion	Ratio	Lower	Upper
43	100		
72	28.1	18.5	27.7#



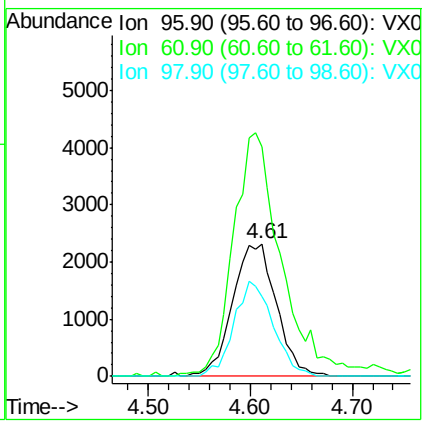


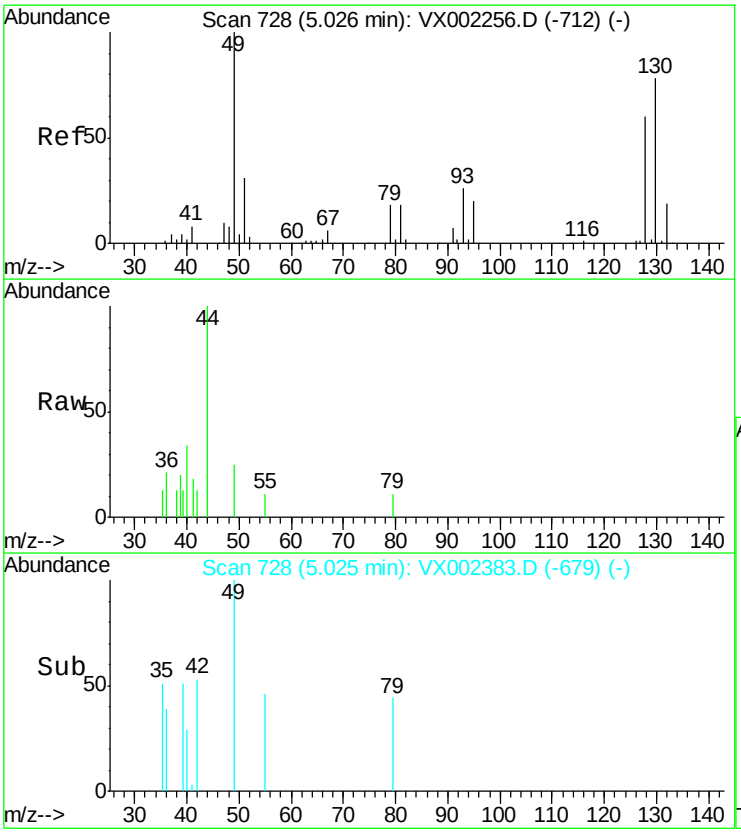
#27
cis-1,2-Dichloroethene
Concen: 2.40 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 96 Resp: 6898

Ion	Ratio	Lower	Upper
96	100		
61	202.1	0.0	330.2
98	64.3	0.0	130.2

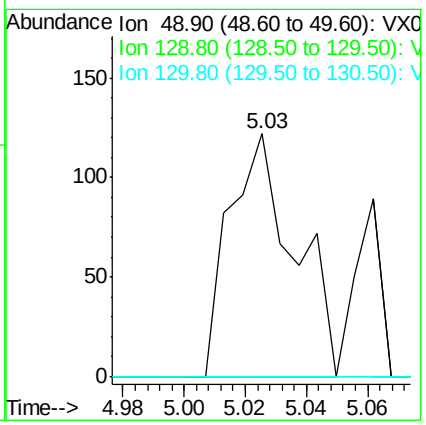


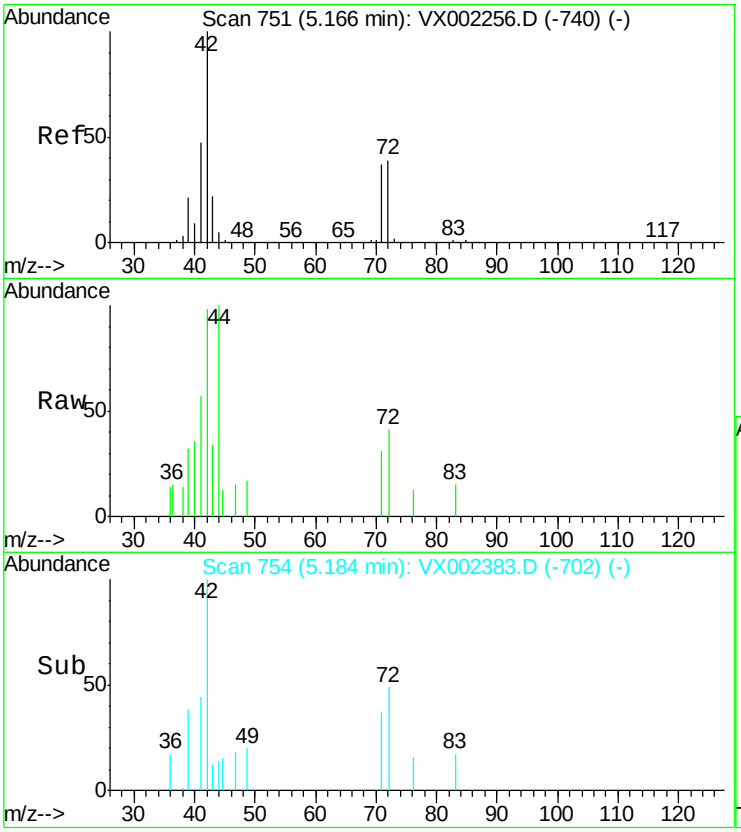


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 49 Resp: 179

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#



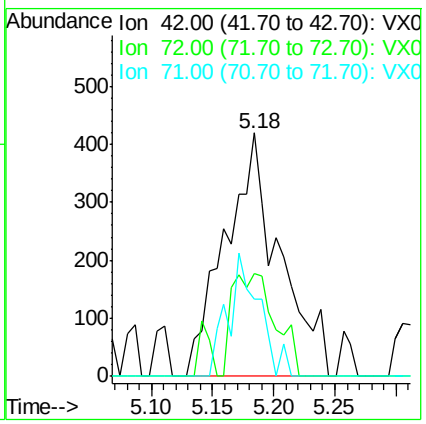


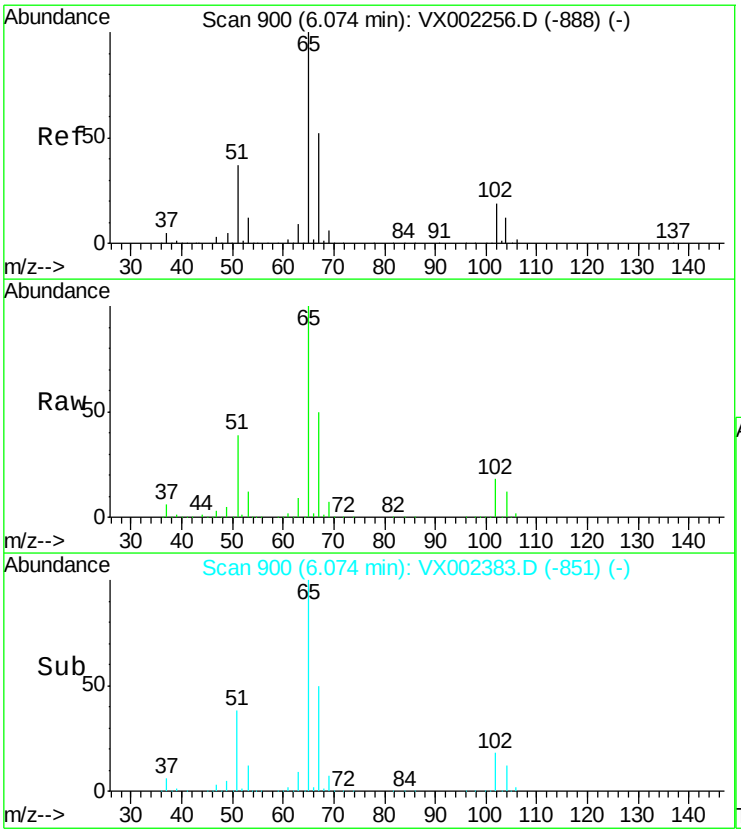
#29
Tetrahydrofuran
Concen: 0.91 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 42 Resp: 1291

Ion	Ratio	Lower	Upper
42	100		
72	33.5	32.0	48.0
71	29.3	30.1	45.1#

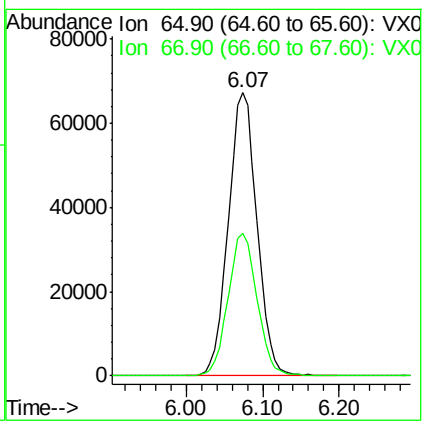


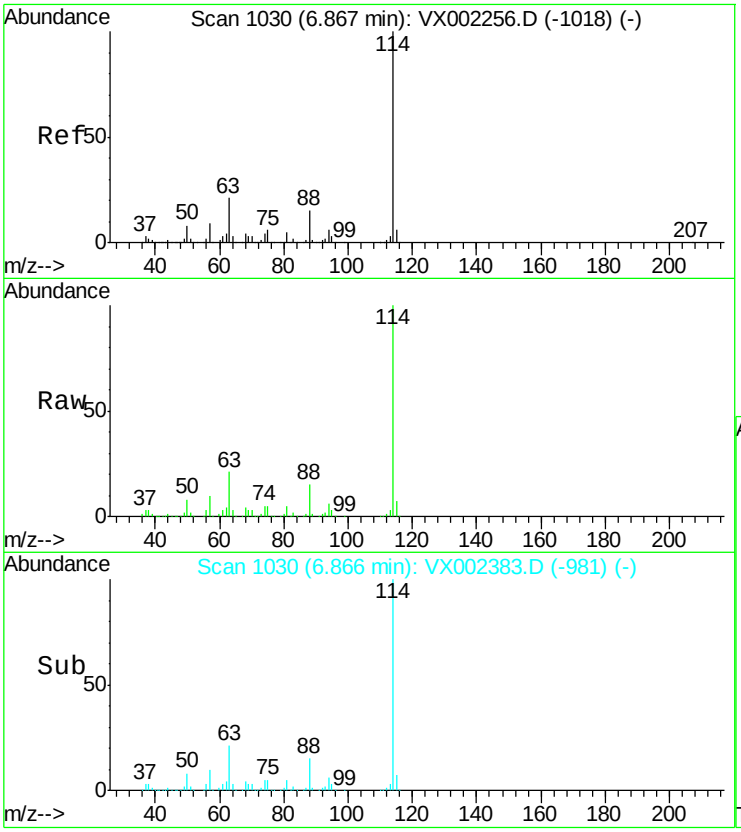


#33
1,2-Dichloroethane-d4
Concen: 54.55 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 65 Resp: 174569

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.6



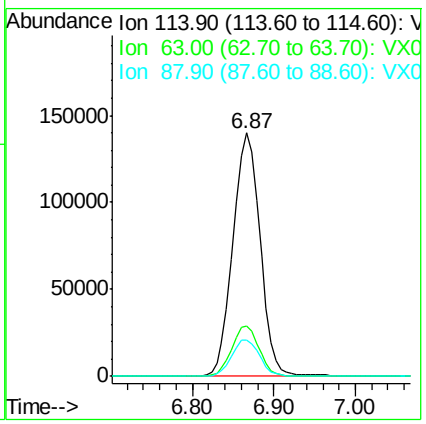


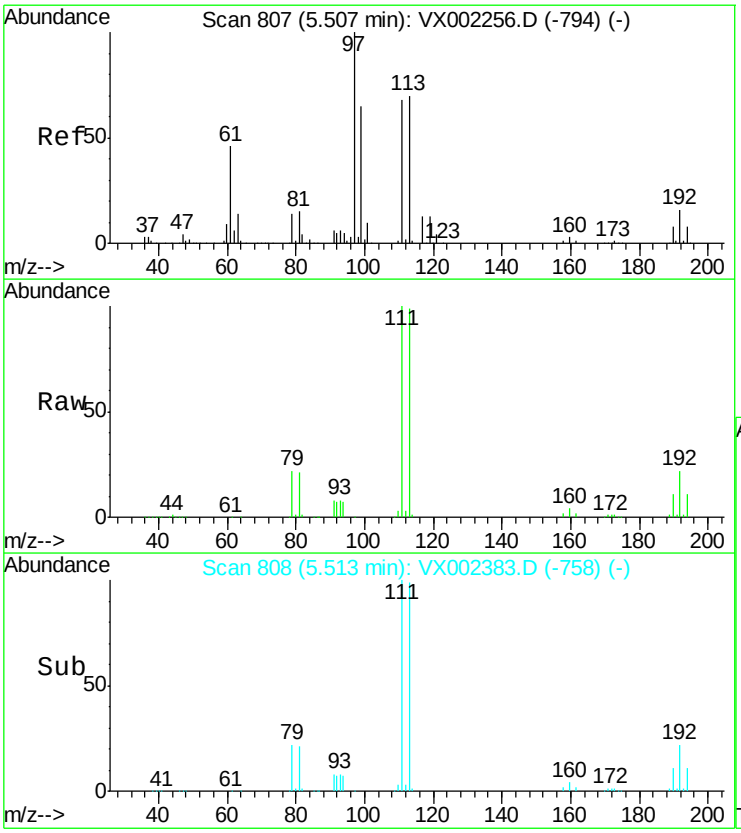
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion:114 Resp: 323716

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.0	0.0	30.0

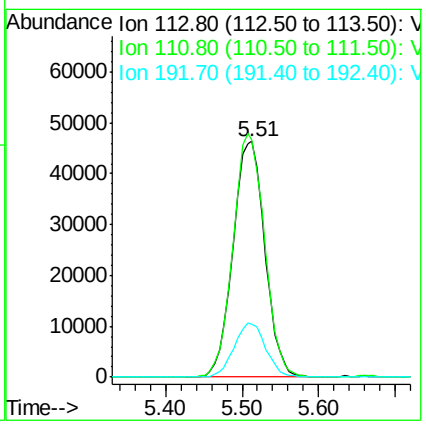


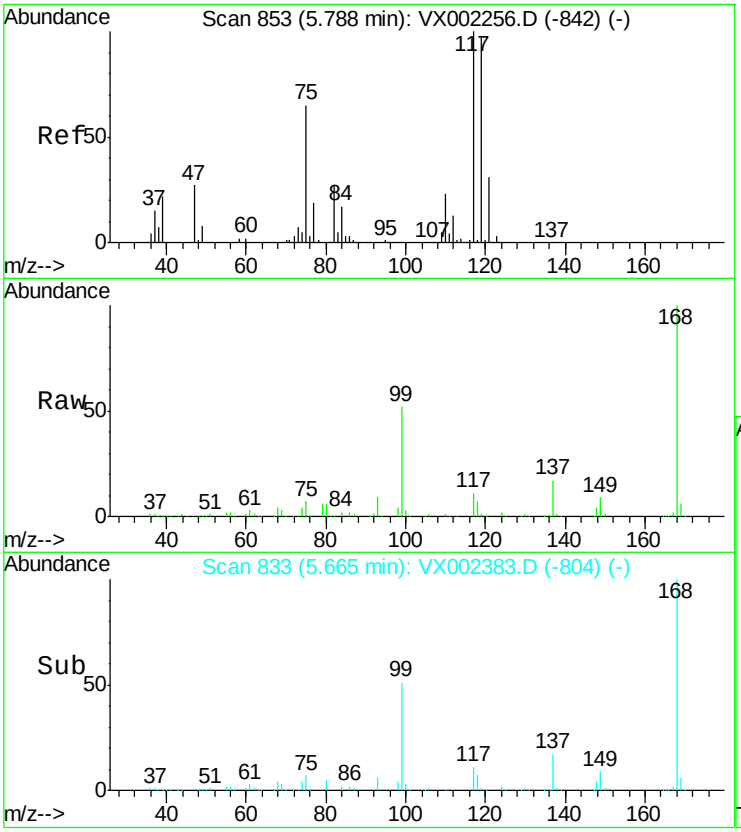


#35
Dibromofluoromethane
Concen: 52.61 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:113 Resp: 133943

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	22.8	19.1	28.7



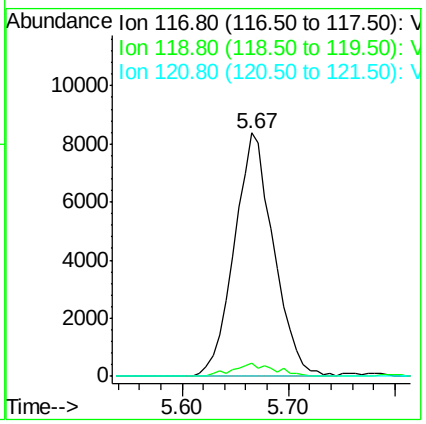


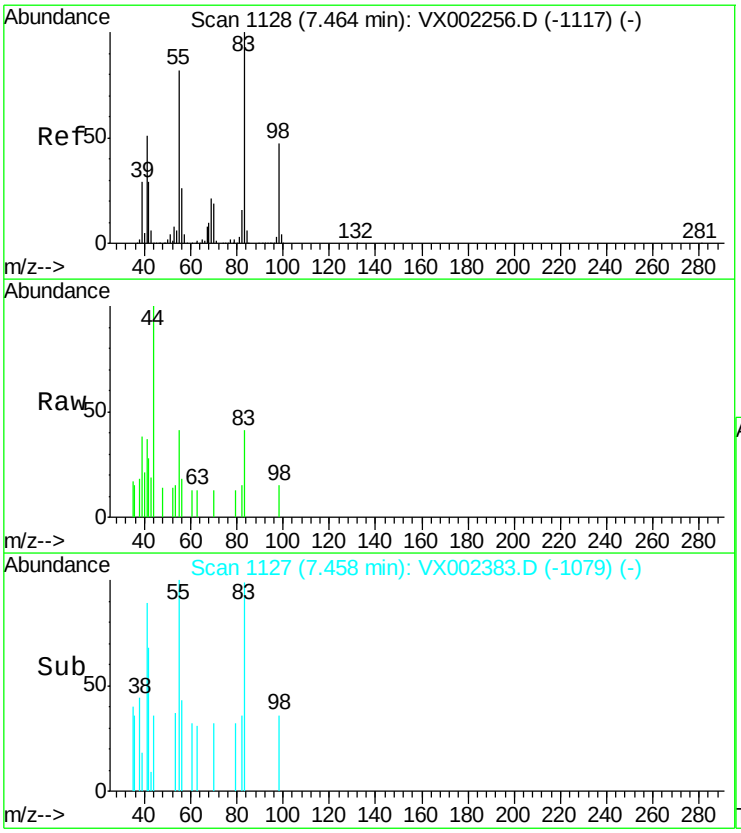
#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion:117 Resp: 21688

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.0#
121	0.0	24.4	36.6#

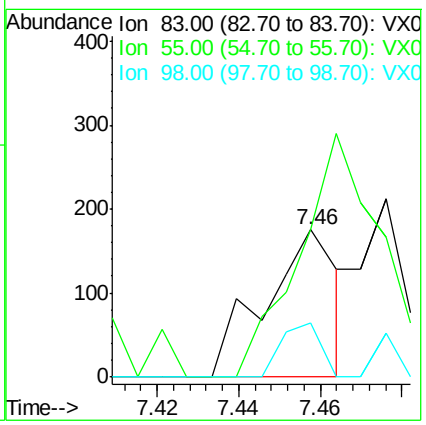


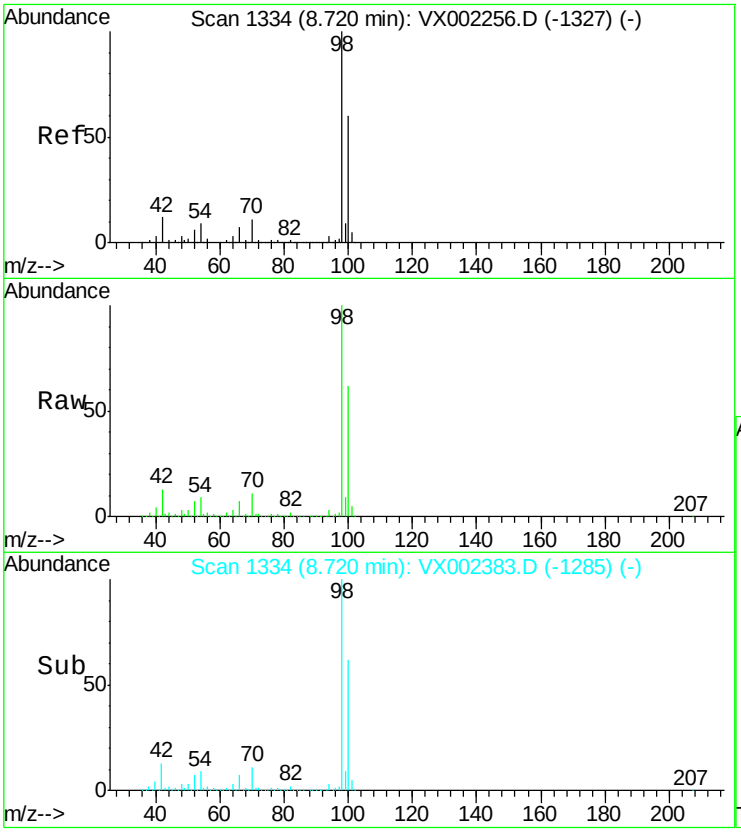


#39
Methylcyclohexane
Concen: 0.31 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 83 Resp: 214

Ion	Ratio	Lower	Upper
83	100		
55	100.6	65.4	98.0#
98	36.6	37.4	56.0#



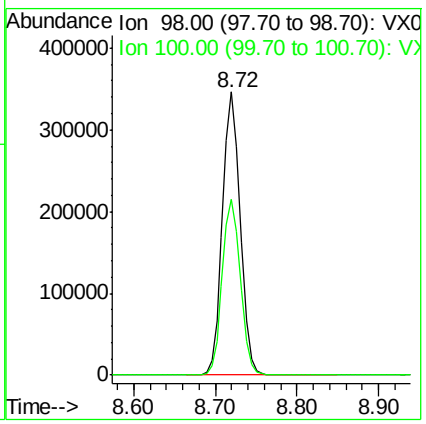


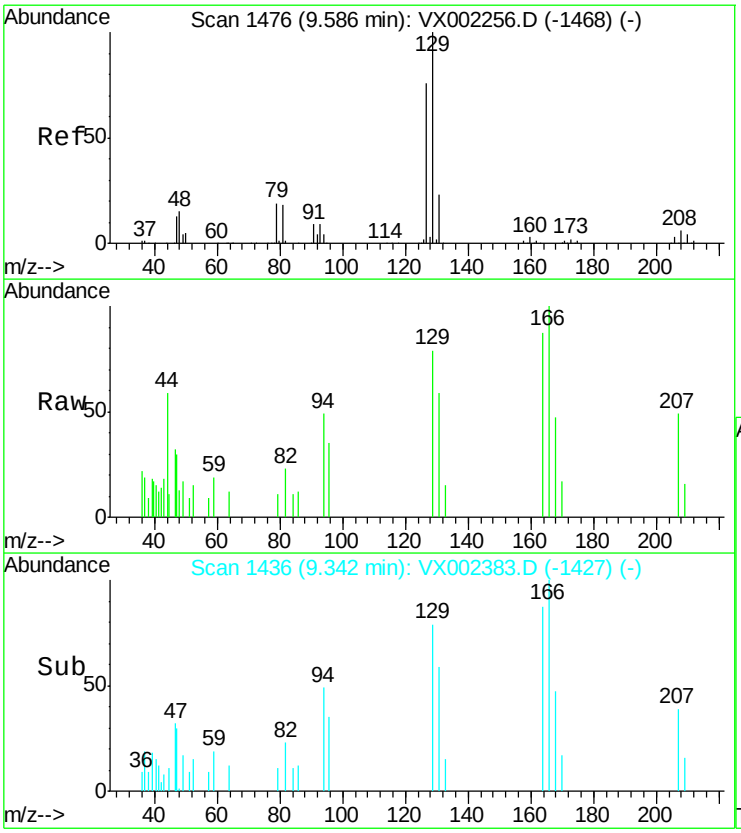
#50
Toluene-d8
Concen: 53.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 98 Resp: 522520

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3

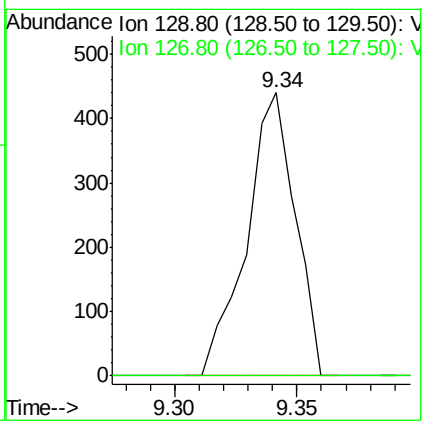


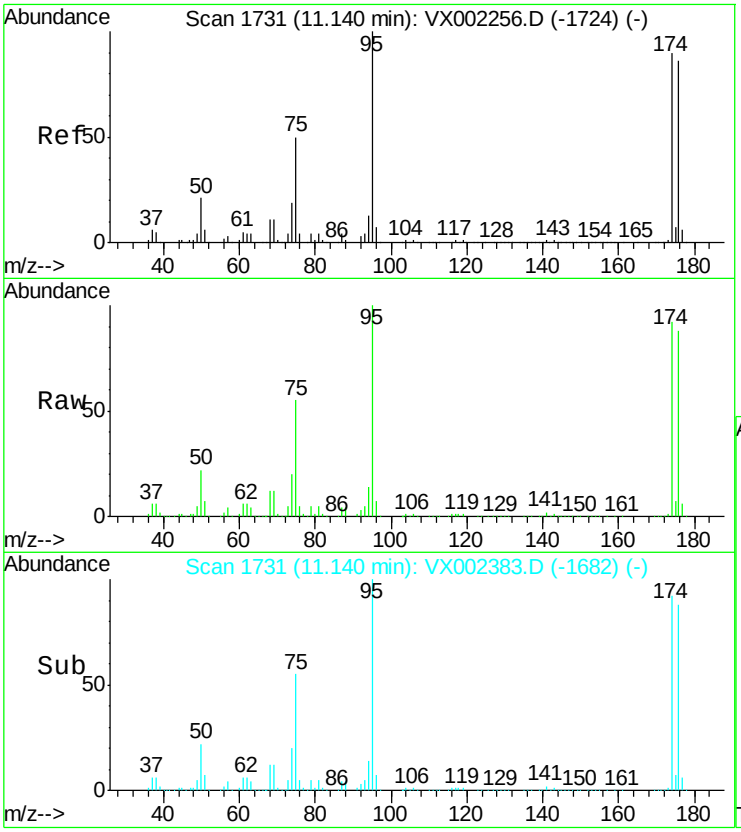


#60
Dibromochloromethane
Concen: 0.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:129 Resp: 612

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



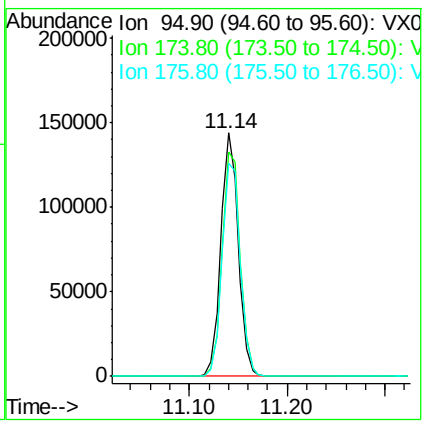


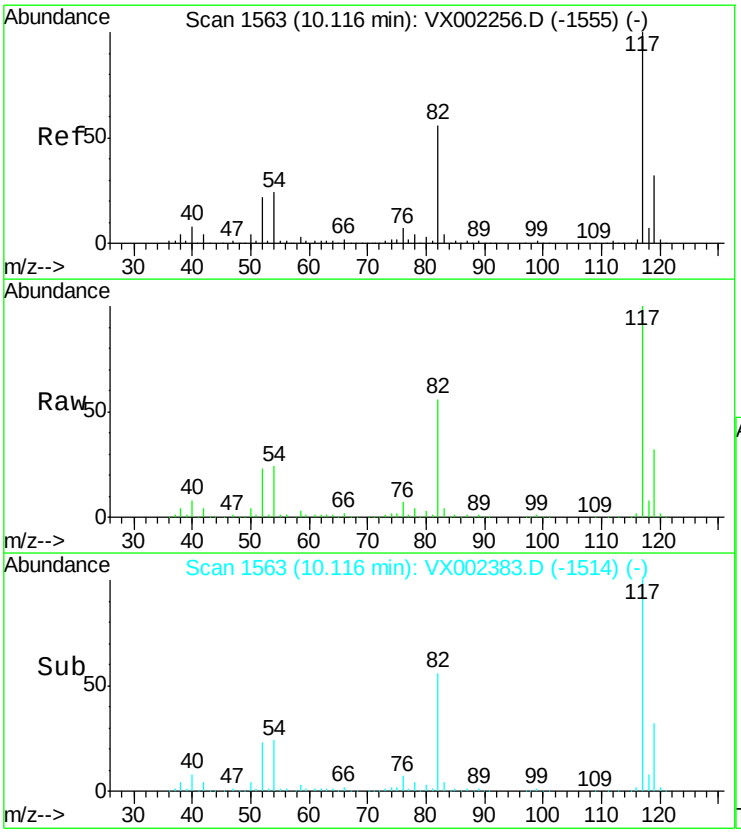
#62
4-Bromofluorobenzene
Concen: 47.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 95 Resp: 177544

Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	187.4
176	91.9	0.0	181.0

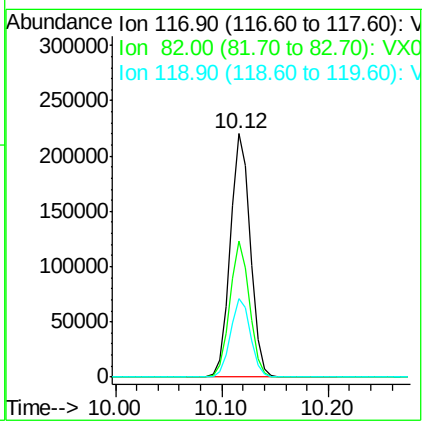


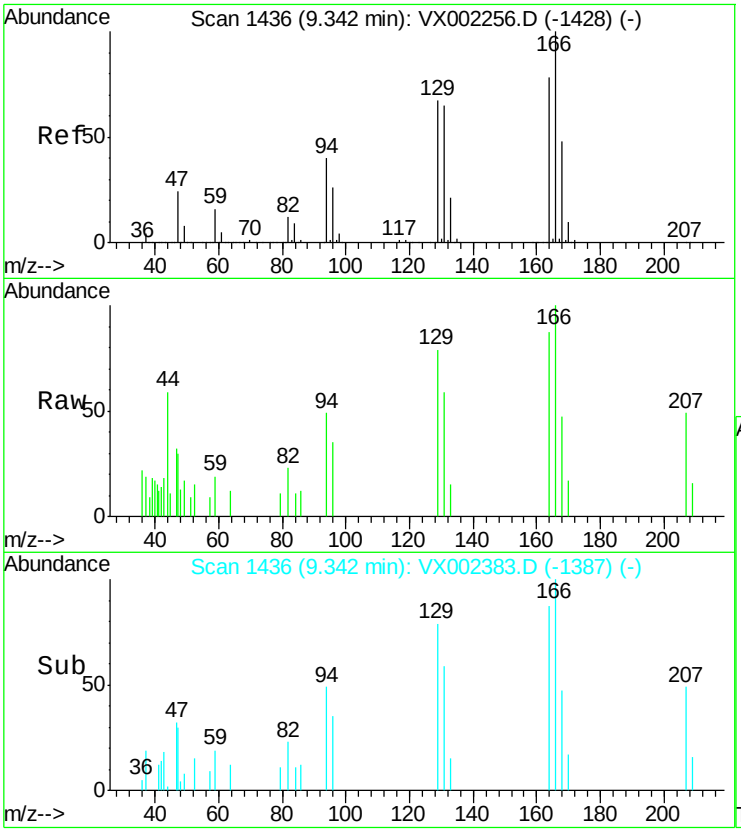


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:117 Resp: 291892

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.4
119	32.3	25.8	38.6



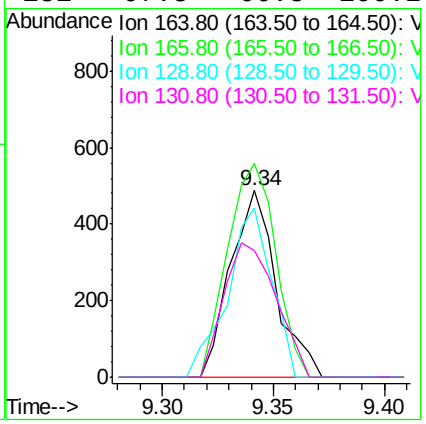


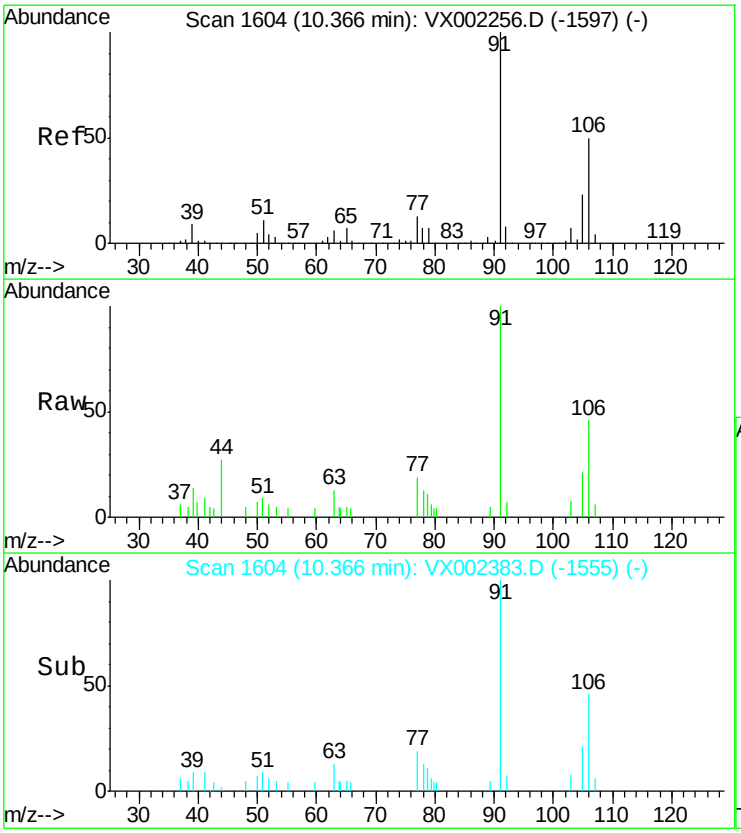
#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion:164 Resp: 695

Ion	Ratio	Lower	Upper
164	100		
166	114.3	102.9	154.3
129	90.2	68.6	102.8
131	67.8	66.8	100.2

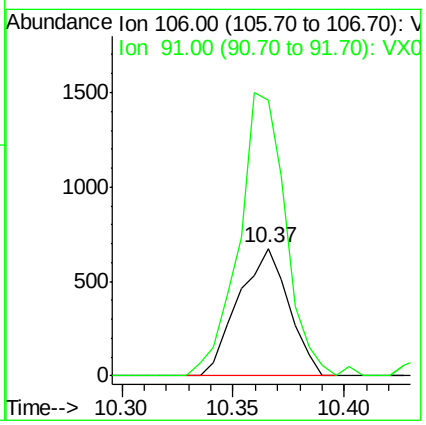


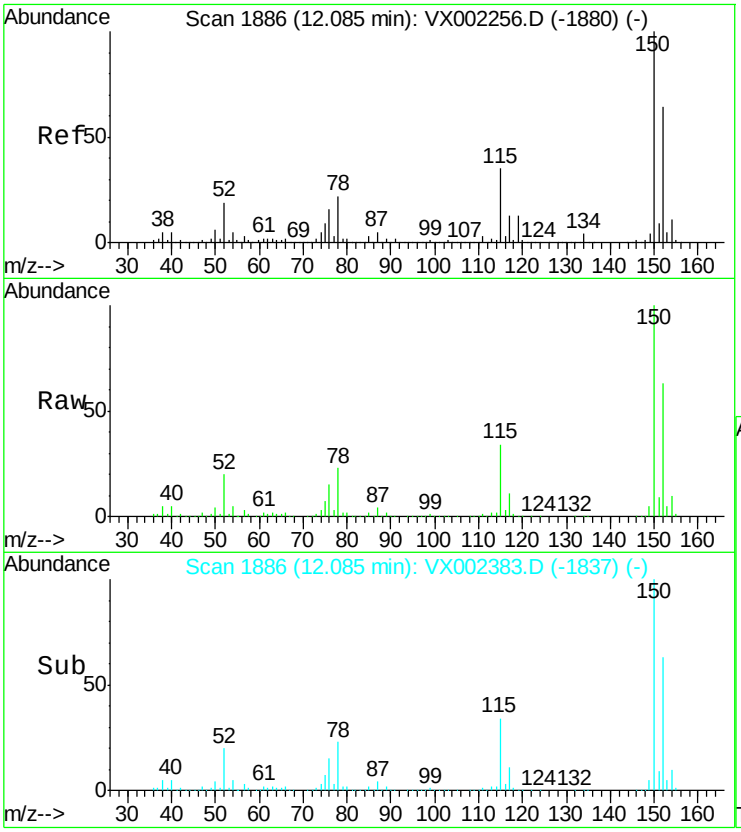


#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:106 Resp: 1063

Ion	Ratio	Lower	Upper
106	100		
91	207.6	163.4	245.2



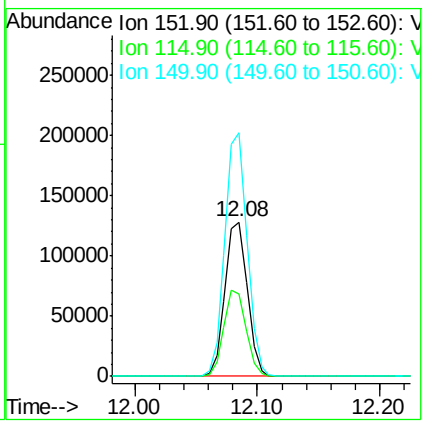


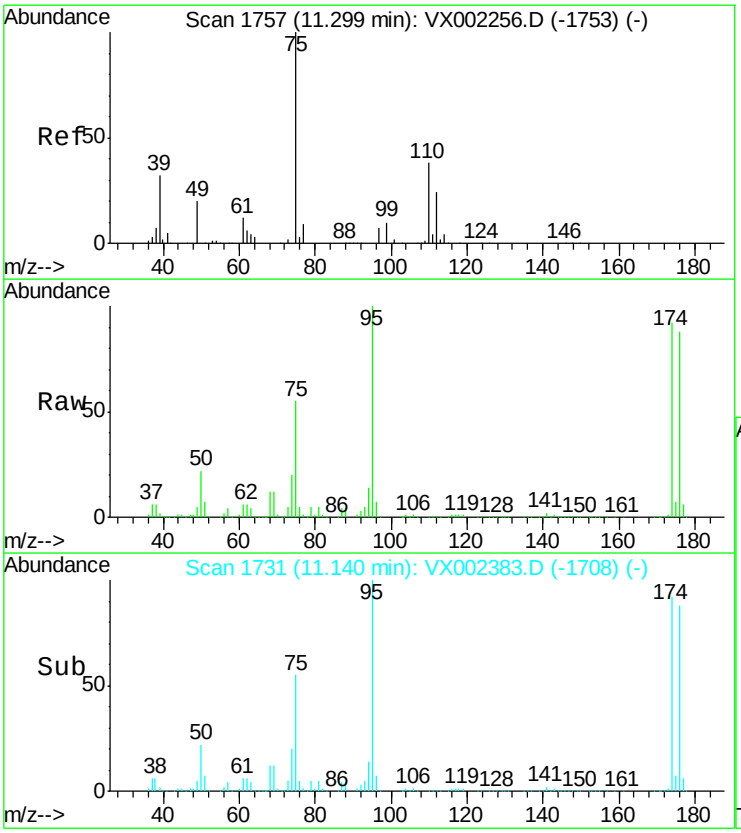
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion:152 Resp: 162010

Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.1	120.2
150	157.3	0.0	347.2

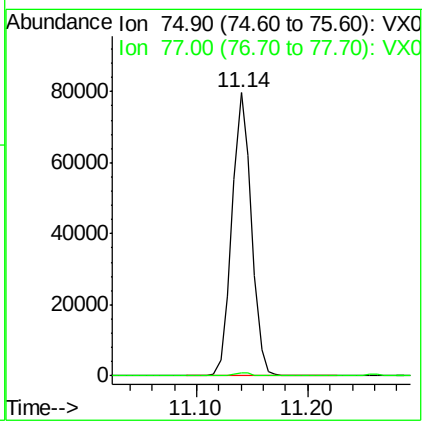


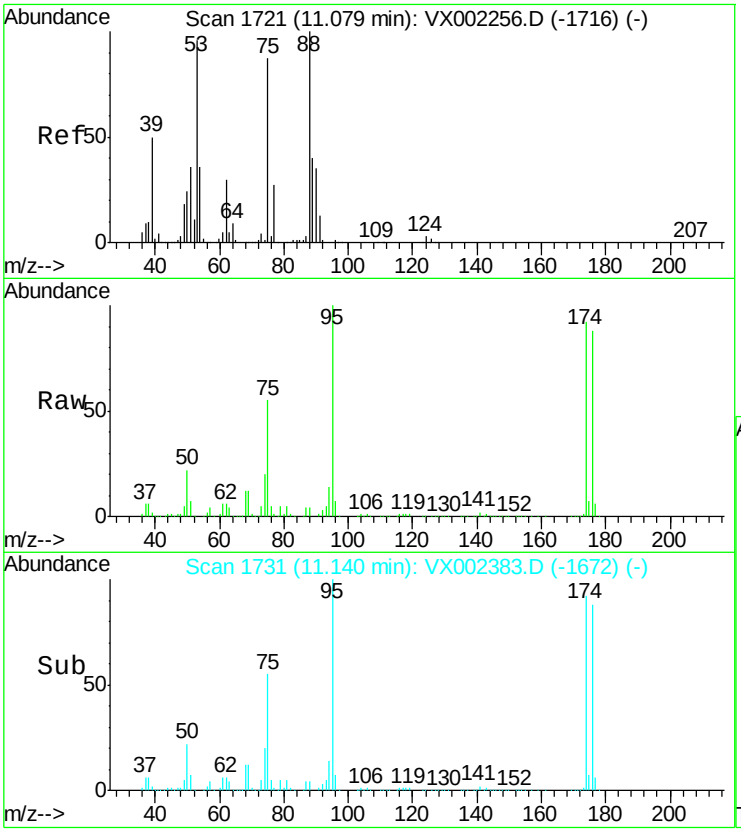


#76
1,2,3-Trichloropropane
Concen: 27.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion: 75 Resp: 96404

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



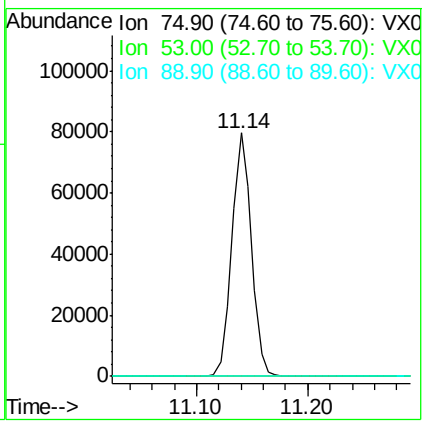


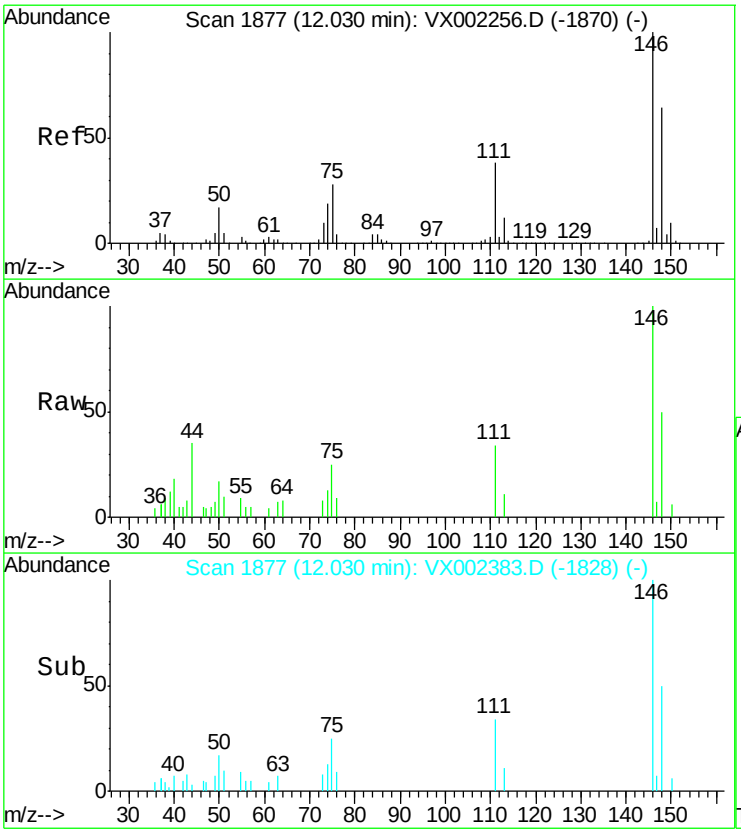
#81
trans-1,4-Dichloro-2-butene
Concen: 95.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion: 75 Resp: 96404

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.8	130.2#
89	0.0	38.2	57.2#

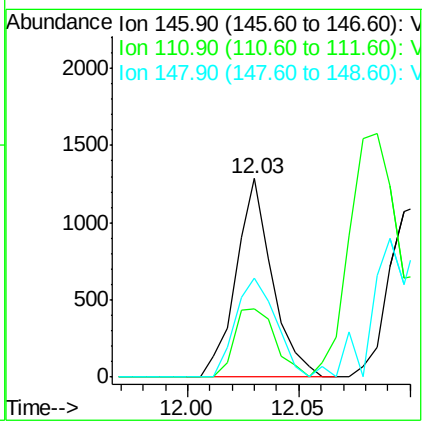


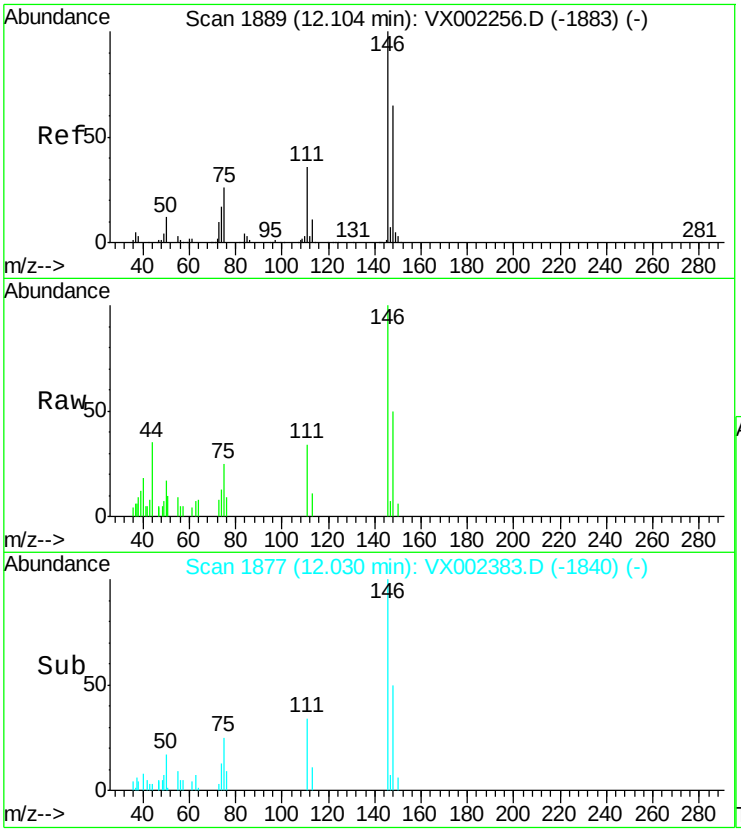


#87
1,3-Dichlorobenzene
Concen: 0.26 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:146 Resp: 1463

Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.7
148	55.4	32.1	96.3



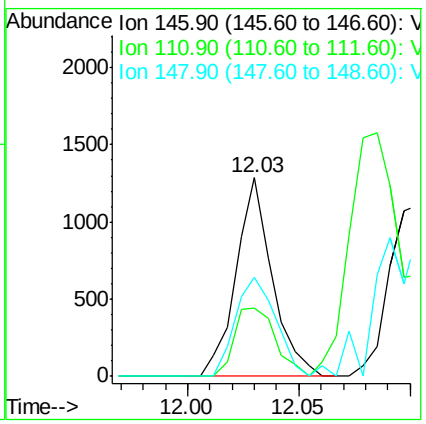


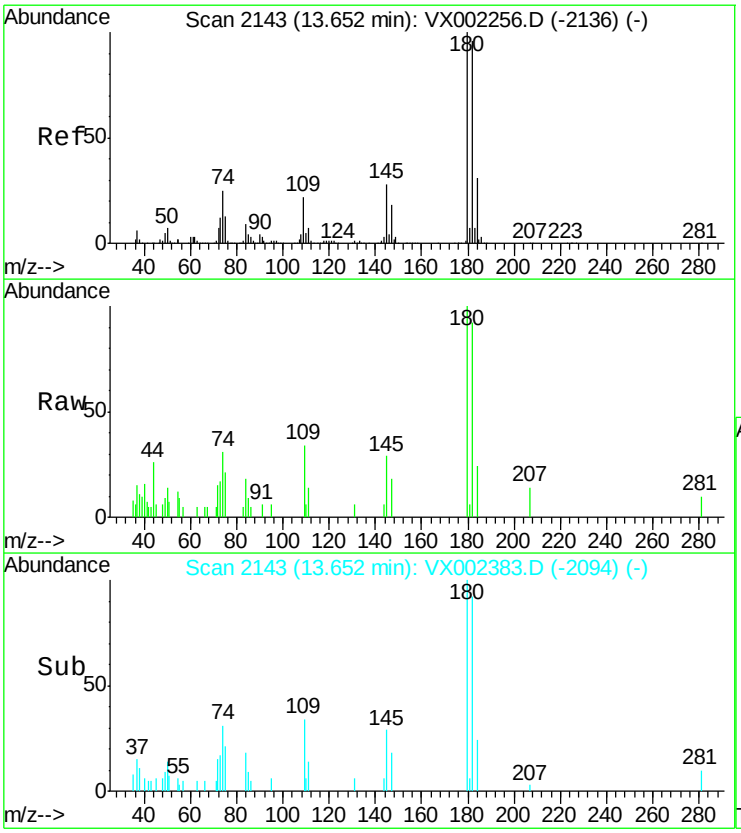
#88
1,4-Dichlorobenzene
Concen: 0.25 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion:146 Resp: 1463

Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.7	56.1
148	55.4	32.4	97.0

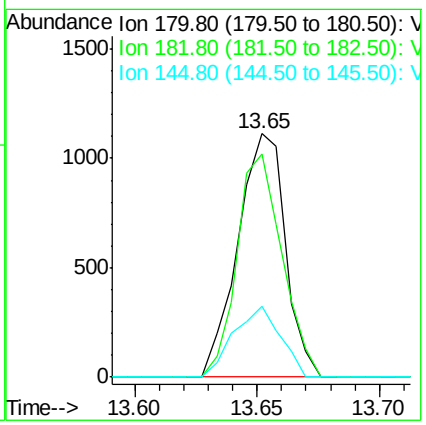


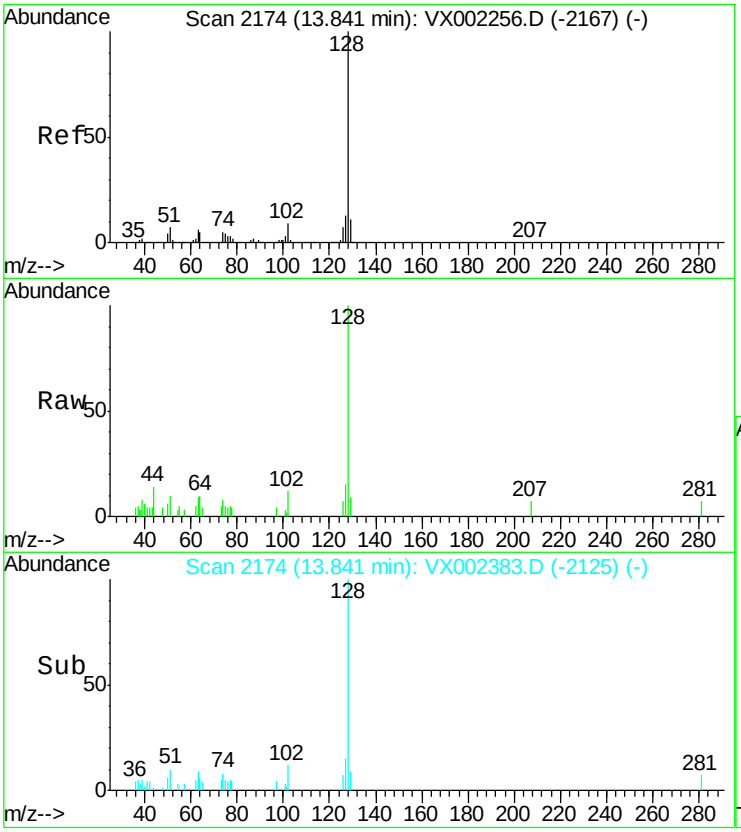


#93
1,2,4-Trichlorobenzene
Concen: 0.37 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:180 Resp: 1507

Ion	Ratio	Lower	Upper
180	100		
182	86.5	47.7	143.1
145	28.5	14.1	42.4



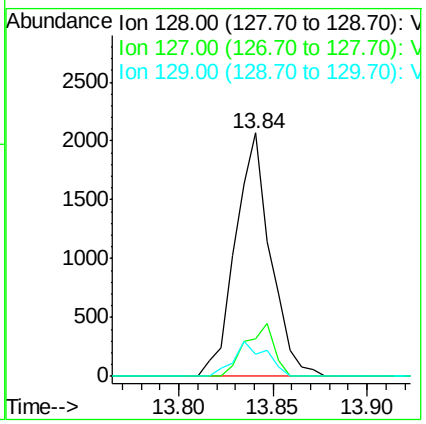


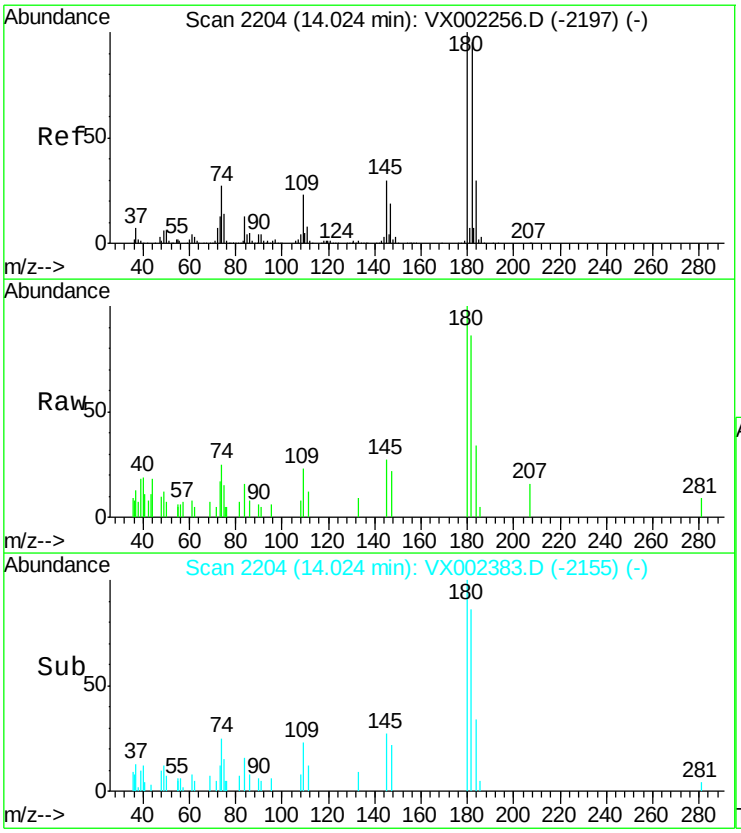
#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180605

Tgt Ion:128 Resp: 2675

Ion	Ratio	Lower	Upper
128	100		
127	17.6	10.4	15.6#
129	13.2	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.31 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002383.D
Acq: 07 Jun 2018 17:40

Tgt Ion:180 Resp: 1316

Ion	Ratio	Lower	Upper
180	100		
182	89.4	48.0	144.0
145	32.4	14.8	44.3