Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

Quantitation Report (Not Reviewed)

Data File : VX001980.D
Acq On : 25 May 2018 16:36
Operator : JC/MD
Sample : J3015-15
Misc : 5.48g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AOC7-BTM-5-5.5

Quant Time: May 26 00:41:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	308412	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	465728	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	453745	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	279799	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	278486	50.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.04%				
35) Dibromofluoromethane	5.51	113	215765	46.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.66%				
50) Toluene-d8	8.72	98	814673	48.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.64%				
62) 4-Bromofluorobenzene	11.15	95	326317	49.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	72	Below Cal		#	41
5) Bromomethane	1.64	94	1960	Below Cal			95
6) Chloroethane	1.72	64	619	0.23	ug/l	#	77
10) Methyl Iodide	2.48	142	1745	0.34	ug/l	#	86
11) Tert butyl alcohol	3.03	59	14696	13.58	ug/l	#	73
13) Acrolein	2.31	56	148	0.32	ug/l	#	1
18) Methyl Acetate	2.81	43	4711	Below Cal			97
20) Methylene Chloride	2.85	84	2934	Below Cal		#	75
21) trans-1,2-Dichloroethene	3.16	96	338	Below Cal		#	9
28) Bromochloromethane	5.01	49	46	Below Cal		#	14
29) Tetrahydrofuran	5.21	42	4047	1.60	ug/l		95
31) Cyclohexane	5.57	56	1588	0.21	ug/l	#	72
32) 1,1,1-Trichloroethane	5.49	97	2031	0.27	ug/l	#	48
36) 1,1-Dichloropropene	5.66	75	21390	3.30	ug/l	#	53
38) Carbon Tetrachloride	5.65	117	28885	3.82	ug/l	#	16
39) Methylcyclohexane	7.46	83	7132	0.90	ug/l		92
41) Methacrylonitrile	5.06	41	282	Below Cal		#	69
43) Isopropyl Acetate	6.51	43	3406	0.24	ug/l	#	65
51) 4-Methyl-2-Pentanone	8.67	43	1719	0.20	ug/l	#	39
67) Ethyl Benzene	10.26	91	32010	1.28	ug/l		94
68) m/p-Xylenes	10.37	106	24755	2.59	ug/l		97
69) o-Xylene	10.71	106	32519	3.41	ug/l		98
73) Isopropylbenzene	11.02	105	37006	1.56	ug/l		99
74) N-amyl acetate	6.51	43	3406	Below Cal		#	63
75) 1,1,2,2-Tetrachloroethane	11.25	83	2800	Below Cal		#	1
76) 1,2,3-Trichloropropane	11.15	75	170385	25.35	ug/l	#	33
78) n-propylbenzene	11.37	91	120472	4.54	ug/l		99
79) 2-Chlorotoluene	11.44	91	36839	0.24	ug/l	#	41
80) 1,3,5-Trimethylbenzene	11.51	105	268843	13.28	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.15	75	170385	60.93	ug/l	#	11
82) 4-Chlorotoluene	11.51	91	29833	1.59	ug/l	#	49
83) tert-Butylbenzene	11.77	119	4231	0.21	ug/l	#	39
84) 1,2,4-Trimethylbenzene	11.81	105	990104	47.32	ug/l		98
85) sec-Butylbenzene	11.95	105	44122	1.85	ug/l		98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

Quantitation Report (Not Reviewed)

Data File : VX001980.D
Acq On : 25 May 2018 16:36
Operator : JC/MD
Sample : J3015-15
Misc : 5.48g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AOC7-BTM-5-5.5

Quant Time: May 26 00:41:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
86) p-Isopropyltoluene	12.07	119	35790	1.67	ug/l		96
89) n-Butylbenzene	12.39	91	273147	15.08	ug/l	#	26
90) Hexachloroethane	12.59	117	36827	8.74	ug/l	#	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3722	1.77	ug/l	#	6
95) Naphthalene	13.84	128	356056	14.09	ug/l		99

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

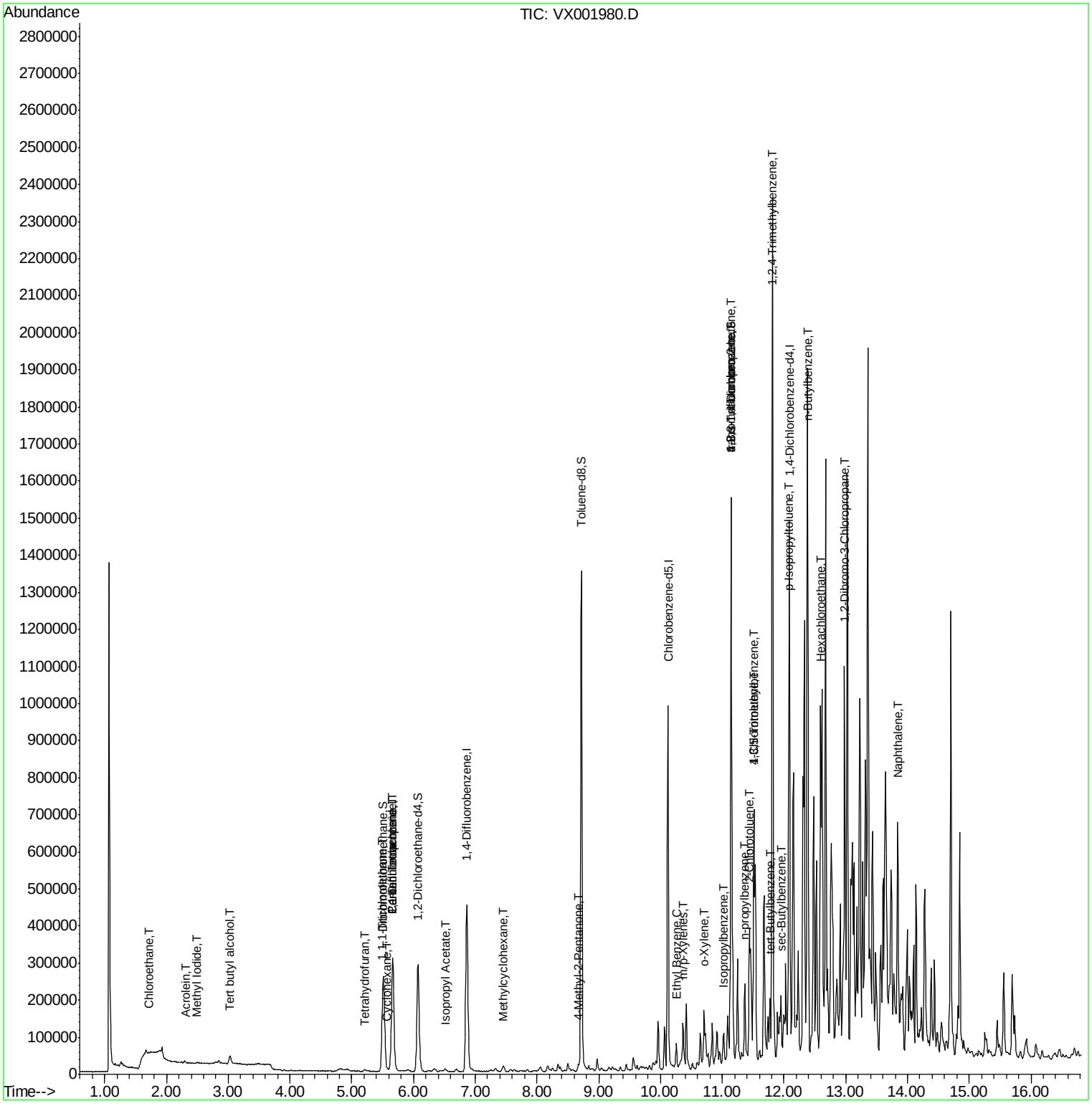
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

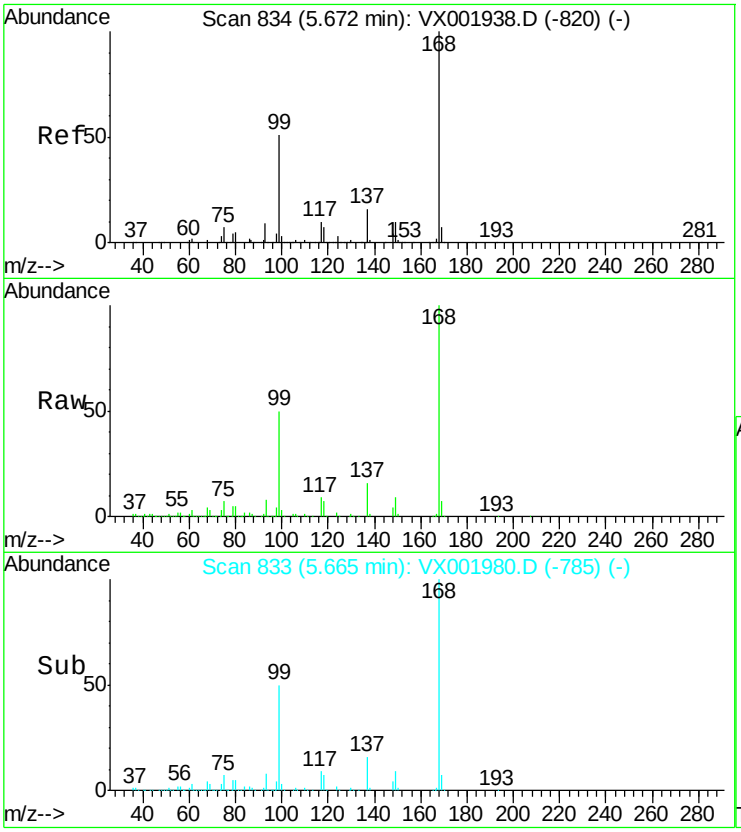
Quantitation Report (Not Reviewed)

Data File : VX001980.D
Acq On : 25 May 2018 16:36
Operator : JC/MD
Sample : J3015-15
Misc : 5.48g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Quant Time: May 26 00:41:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



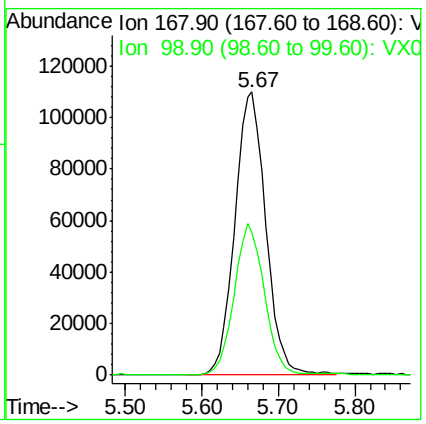


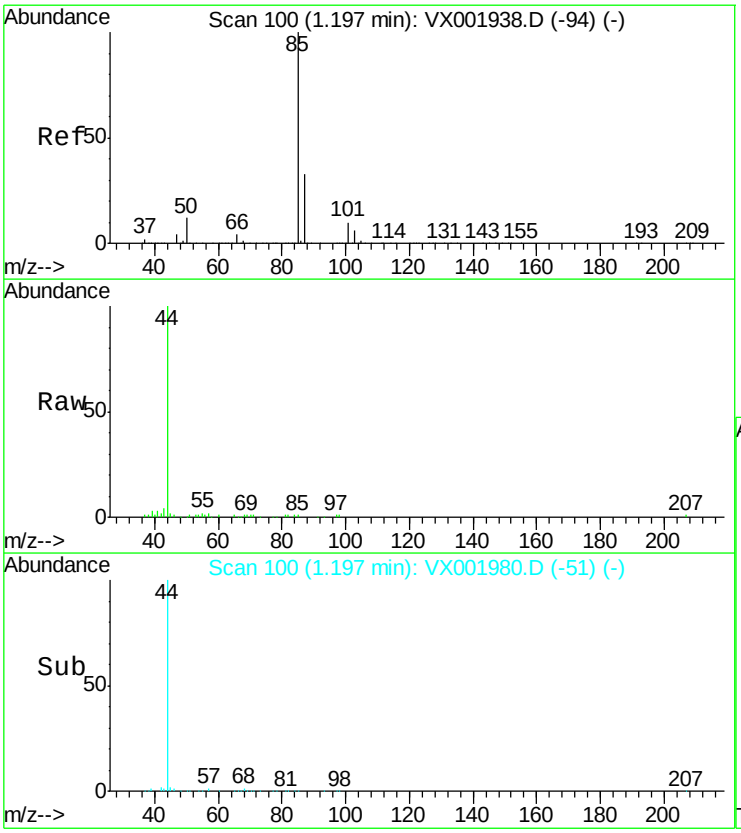
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion:168 Resp: 308412

Ion	Ratio	Lower	Upper
168	100		
99	50.3	41.0	61.4

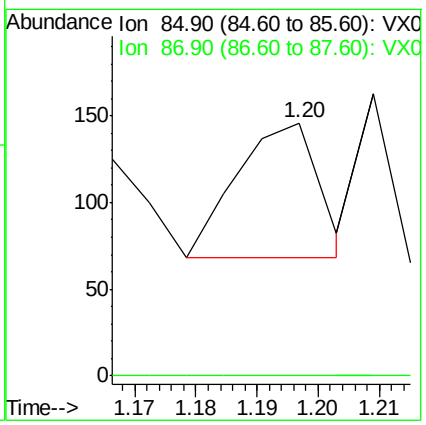


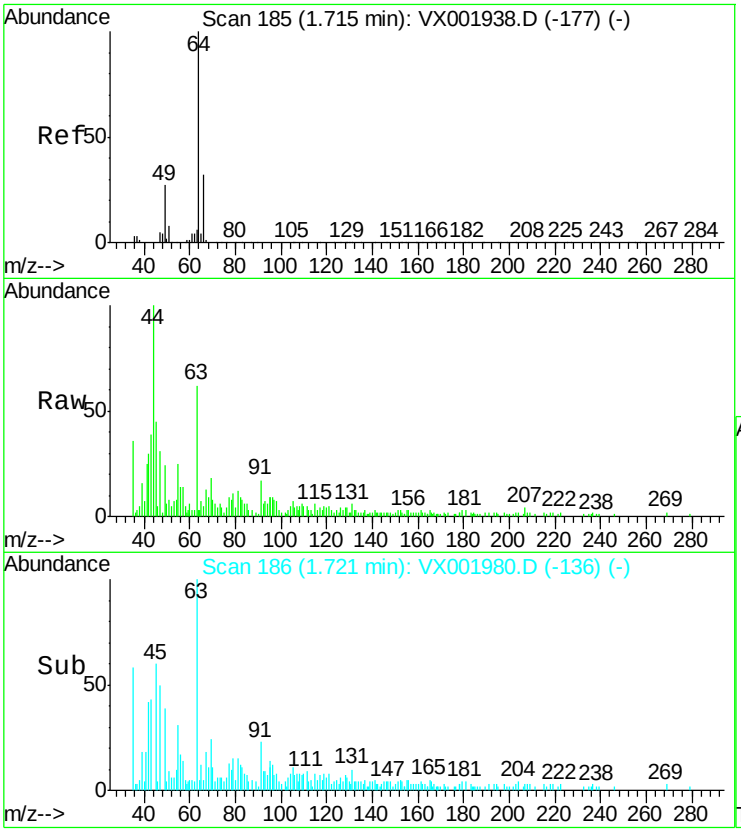


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 85 Resp: 72

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



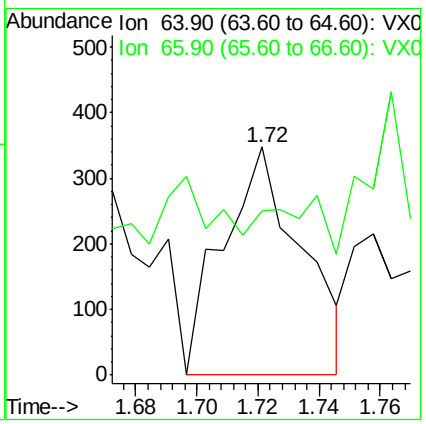


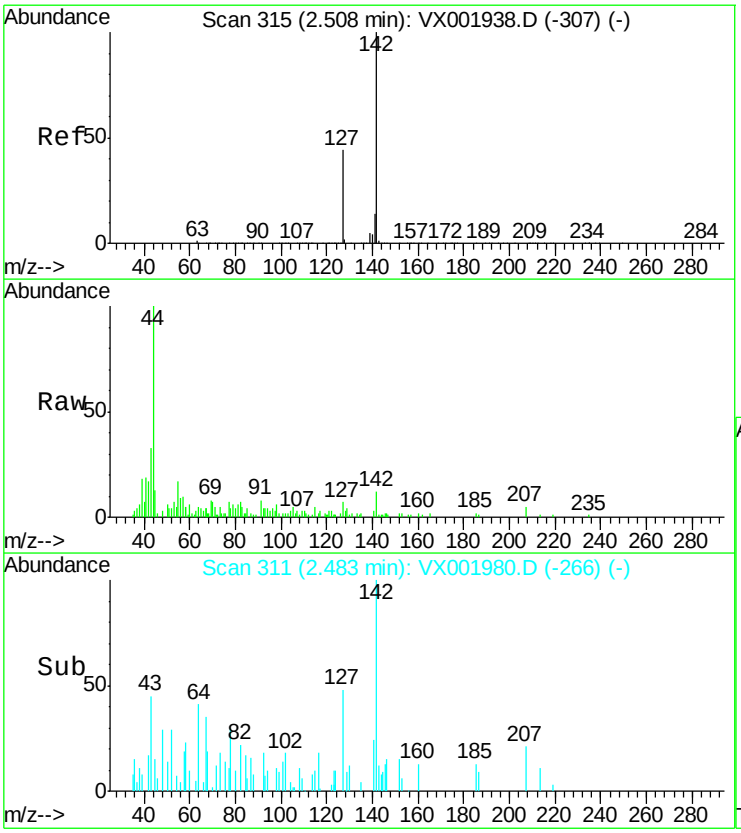
#6
Chloroethane
Concen: 0.23 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion: 64 Resp: 619

Ion	Ratio	Lower	Upper
64	100		
66	19.0	25.6	38.4#

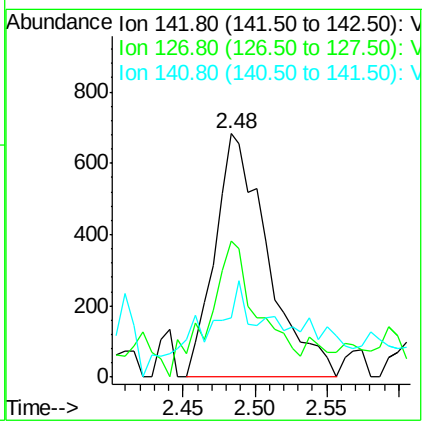


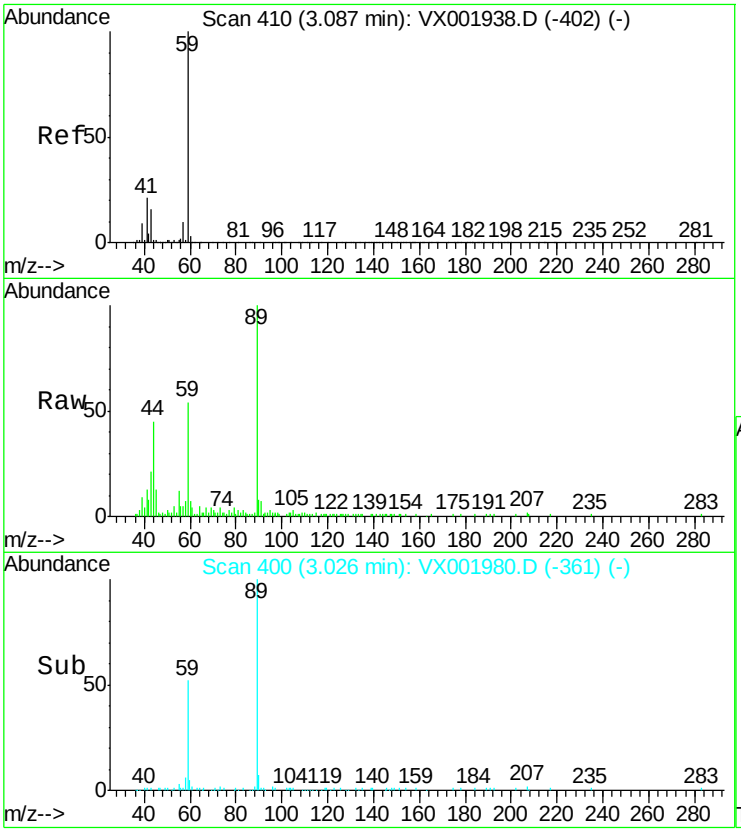


#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.48 min Scan# 311
Delta R.T. -0.02 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion:142 Resp: 1745

Ion	Ratio	Lower	Upper
142	100		
127	54.4	35.5	53.3#
141	9.6	11.3	16.9#



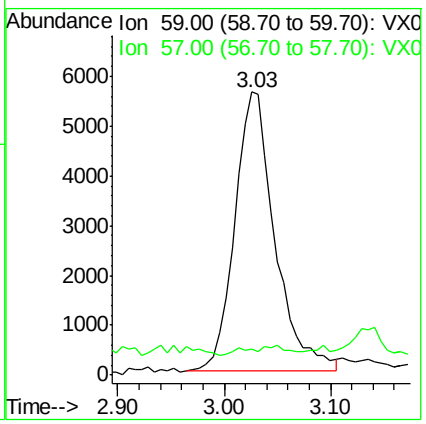


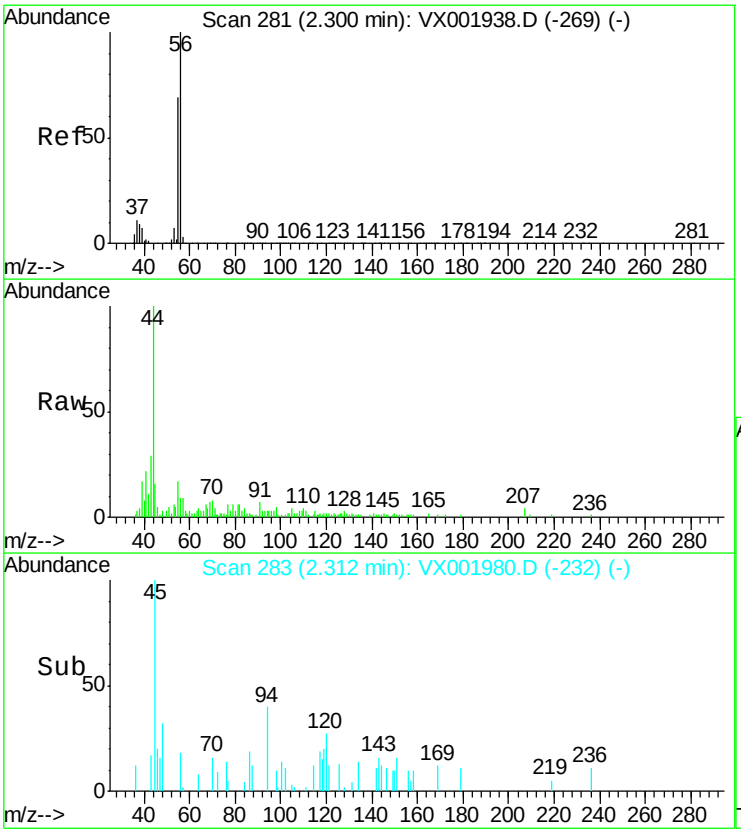
#11
Tert butyl alcohol
Concen: 13.58 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument : MSVOA_X
ClientSampleId : AOC7-BTM-5-5.5

Tgt Ion: 59 Resp: 14696

Ion	Ratio	Lower	Upper
59	100		
57	0.8	8.9	13.3#

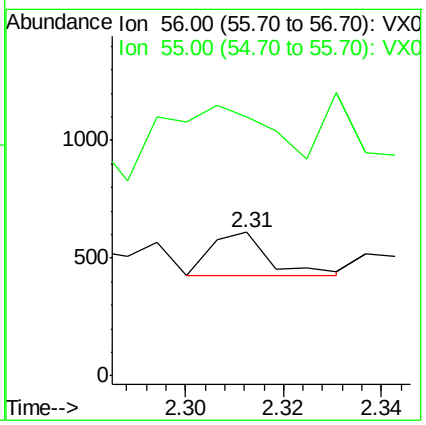


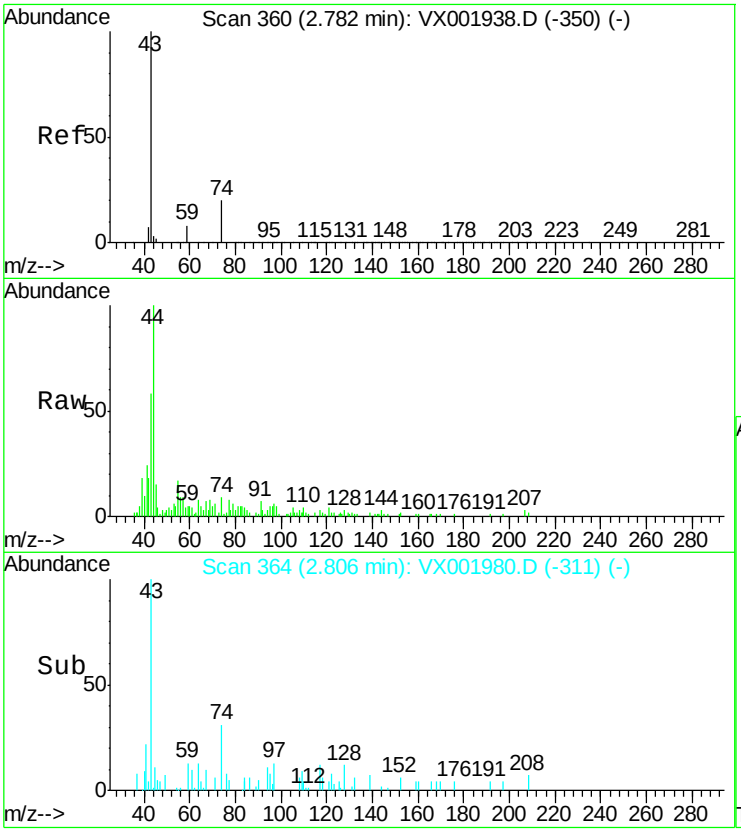


#13
Acrolein
Concen: 0.32 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 56 Resp: 148

Ion	Ratio	Lower	Upper
56	100		
55	349.3	56.8	85.2#



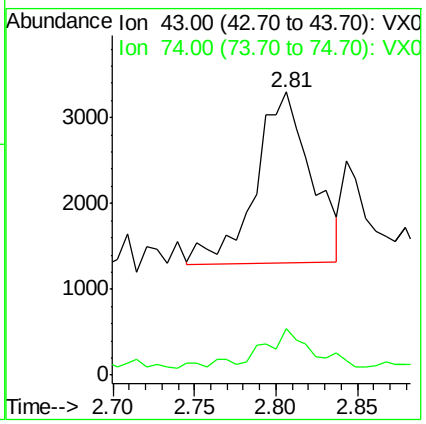


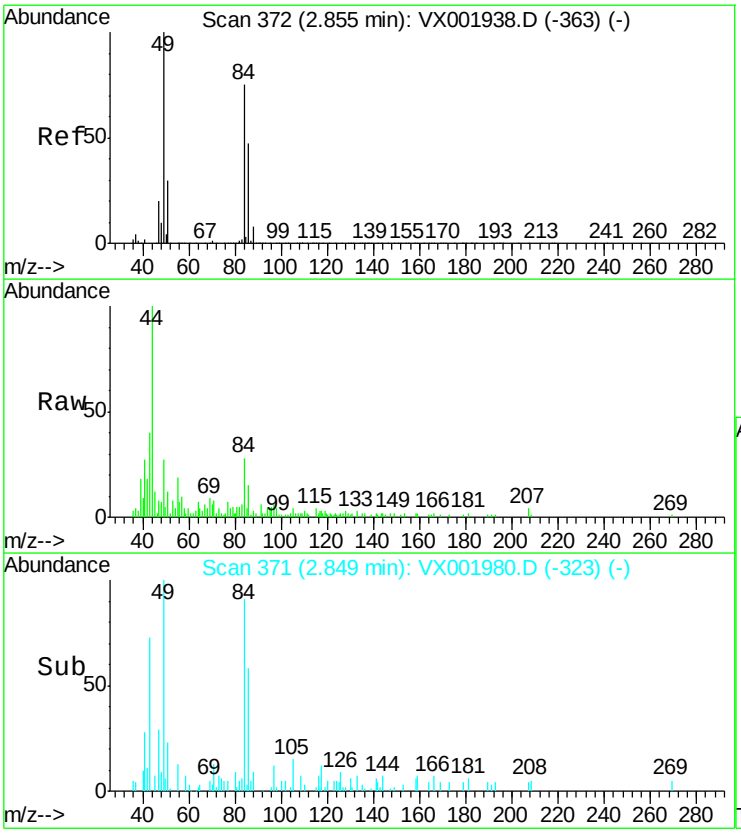
#18
Methyl Acetate
Concen: Below Cal
RT: 2.81 min Scan# 364
Delta R.T. 0.03 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion: 43 Resp: 4711

Ion	Ratio	Lower	Upper
43	100		
74	22.2	16.8	25.2

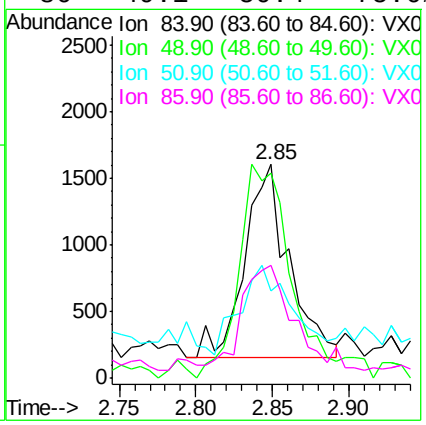


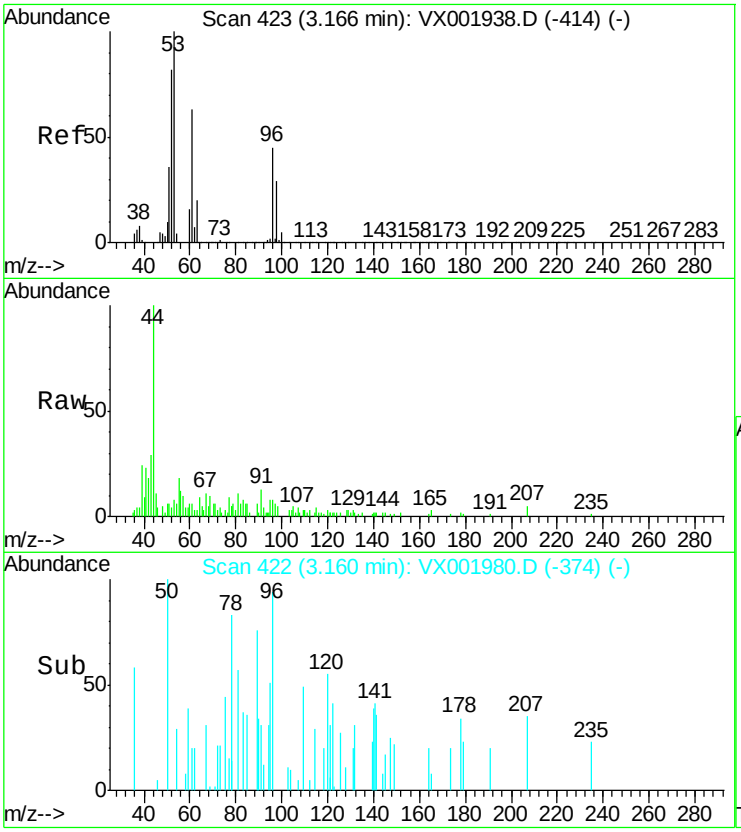


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 84 Resp: 2934

Ion	Ratio	Lower	Upper
84	100		
49	101.5	107.2	160.8#
51	24.2	32.4	48.6#
86	49.1	50.4	75.6#



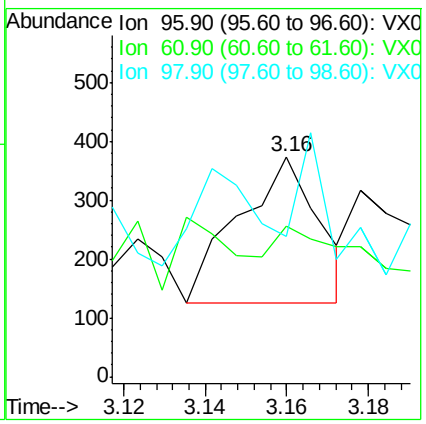


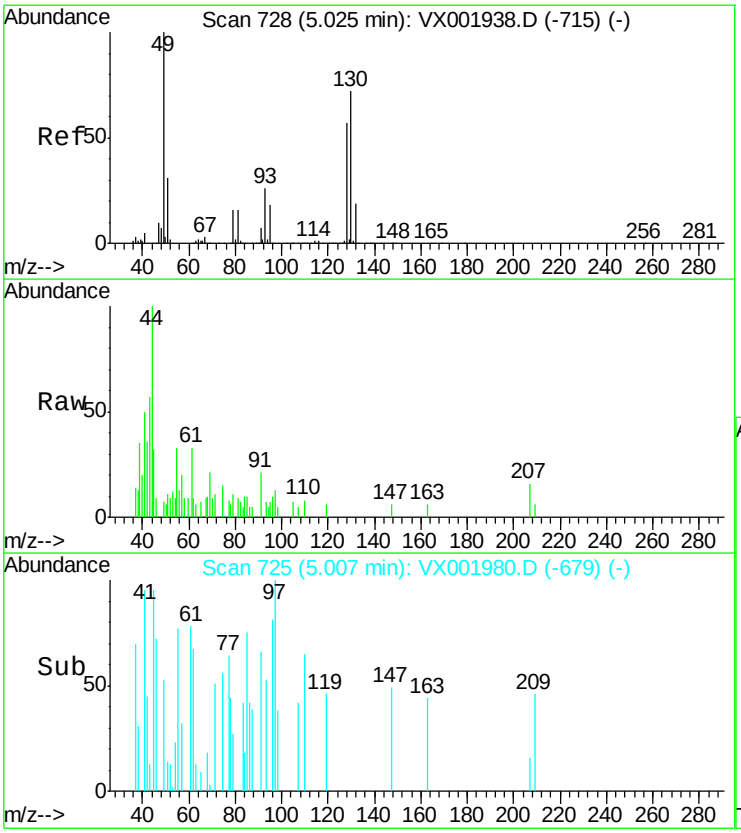
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument : MSVOA_X
ClientSampleId : AOC7-BTM-5-5.5

Tgt Ion: 96 Resp: 338

Ion	Ratio	Lower	Upper
96	100		
61	13.7	113.3	169.9#
98	15.7	51.7	77.5#

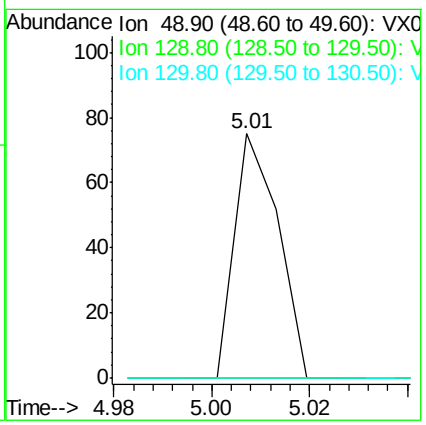


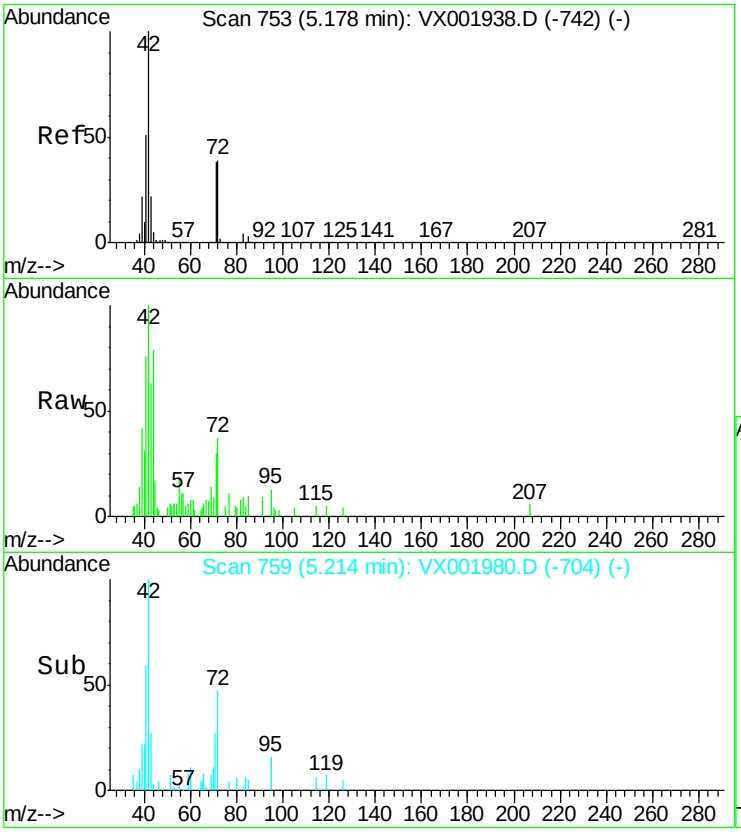


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 725
Delta R.T. -0.02 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 49 Resp: 46

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#



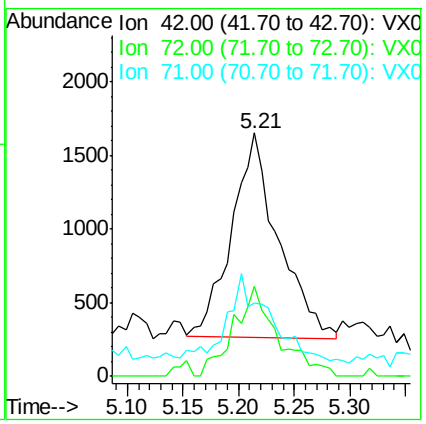


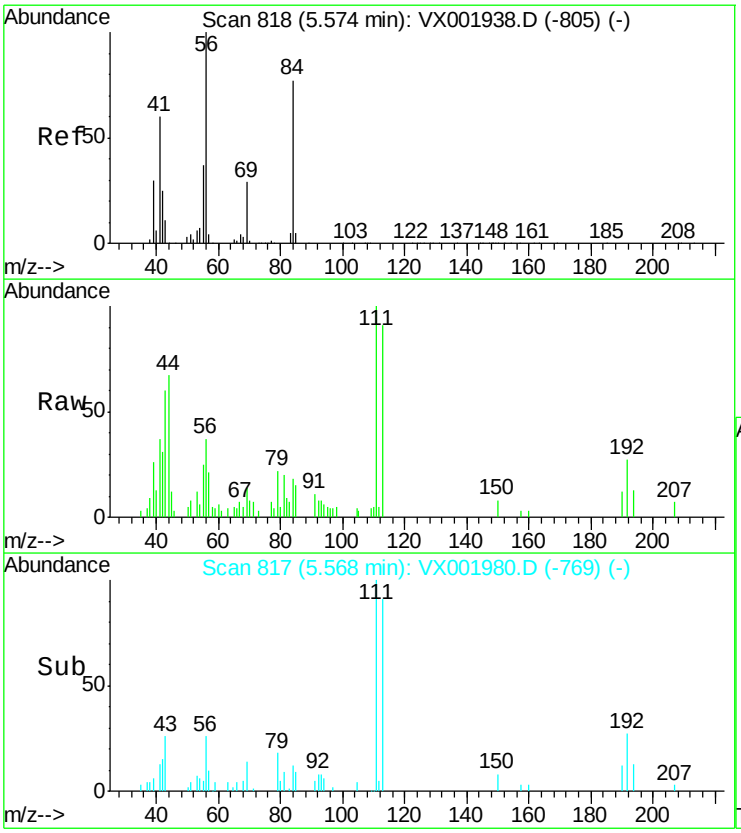
#29
Tetrahydrofuran
Concen: 1.60 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.04 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion: 42 Resp: 4047

Ion	Ratio	Lower	Upper
42	100		
72	41.3	31.4	47.0
71	41.2	29.5	44.3

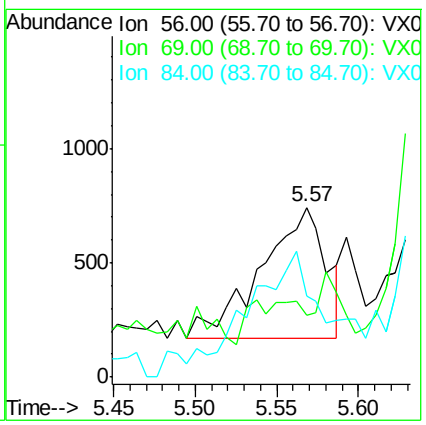


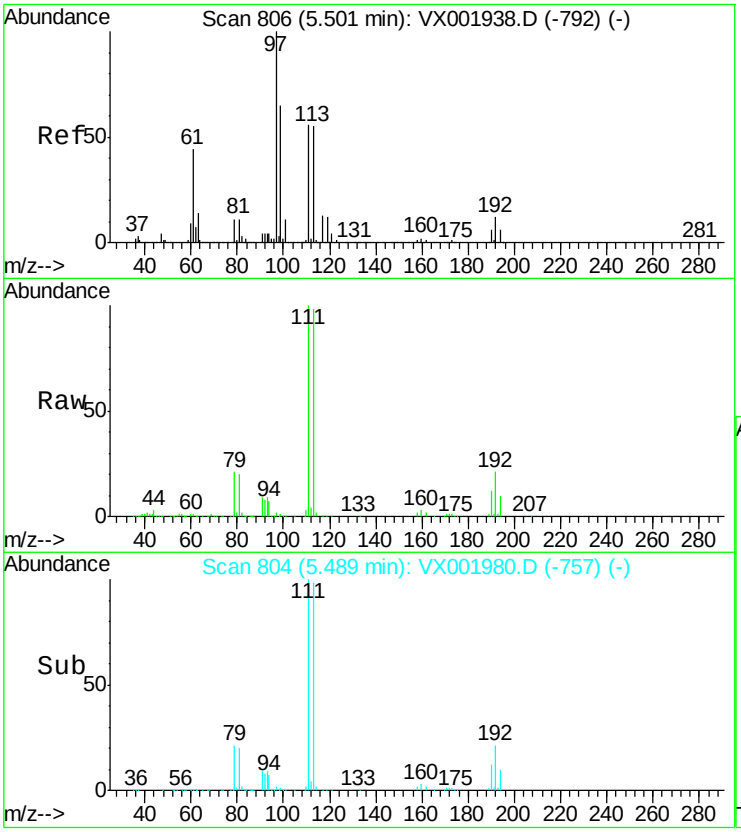


#31
Cyclohexane
Concen: 0.21 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 56 Resp: 1588

Ion	Ratio	Lower	Upper
56	100		
69	17.4	23.1	34.7#
84	51.4	62.0	93.0#



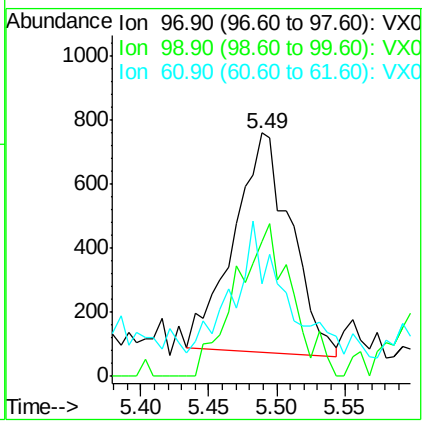


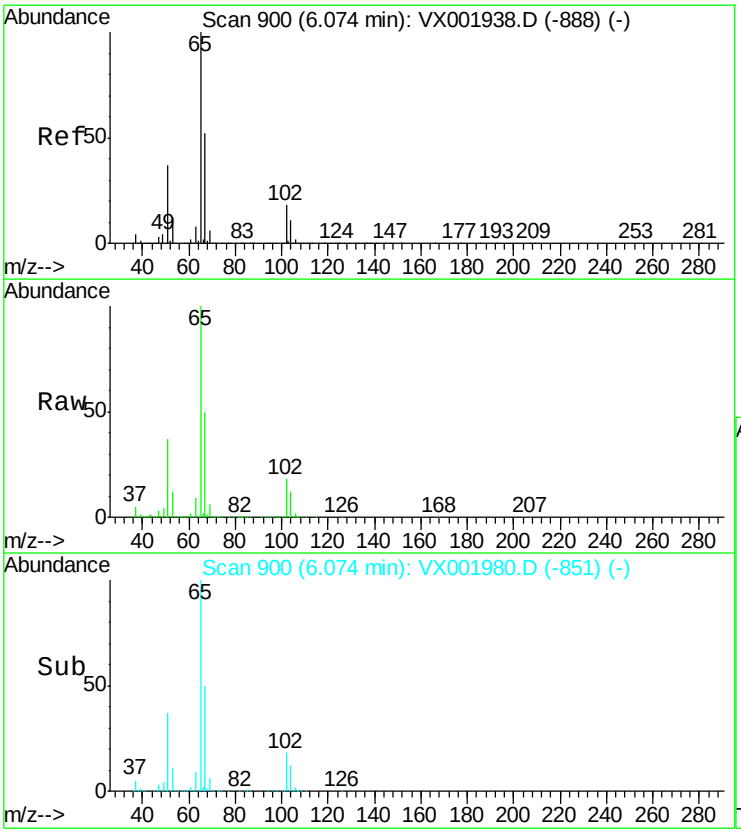
#32
1,1,1-Trichloroethane
Concen: 0.27 ug/l
RT: 5.49 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion: 97 Resp: 2031

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	50.7	35.9	53.9

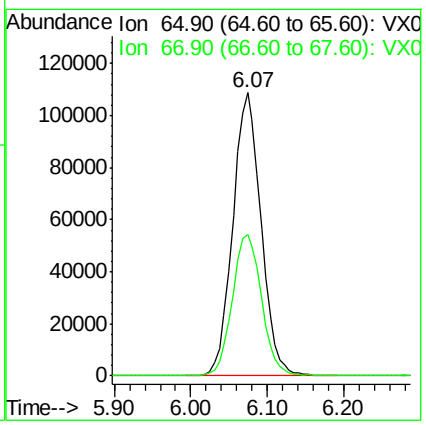


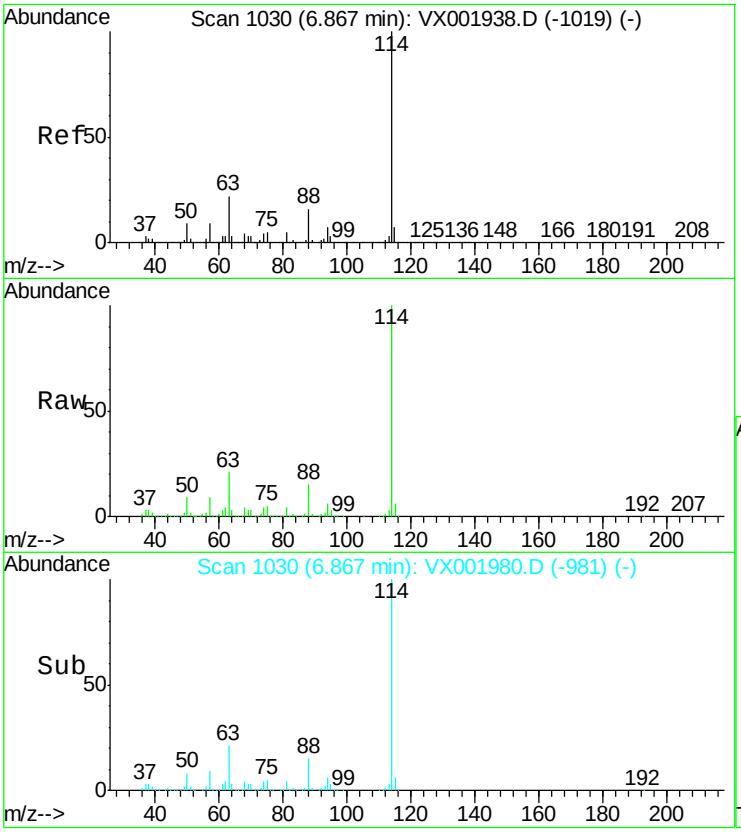


#33
1,2-Dichloroethane-d4
Concen: 50.52 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 65 Resp: 278486

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0



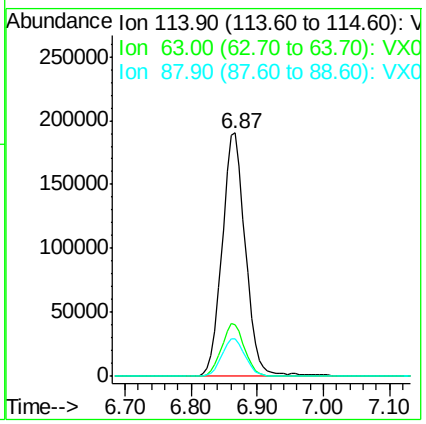


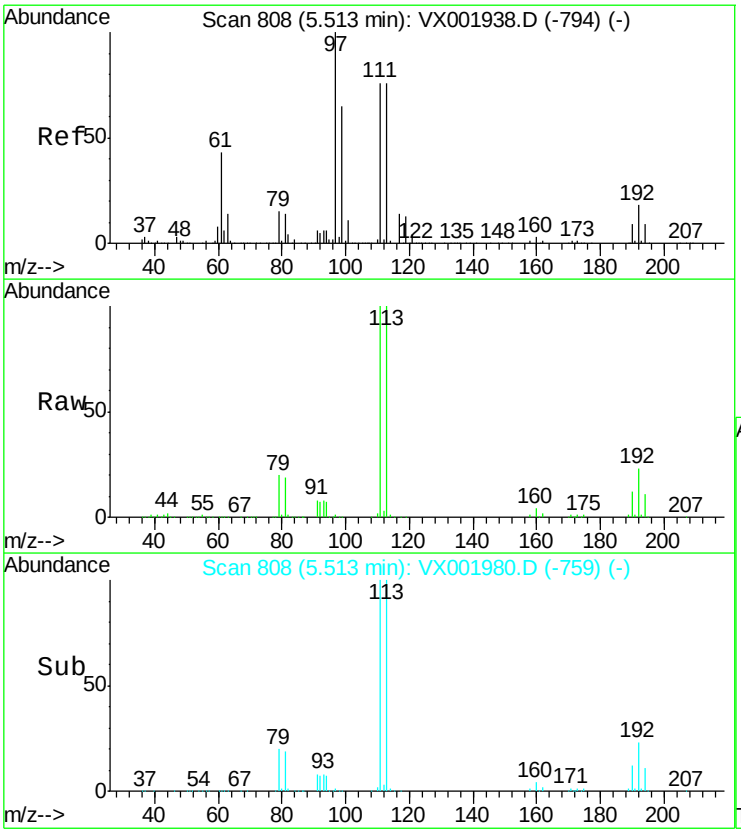
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion:114 Resp: 465728

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.2	0.0	31.6

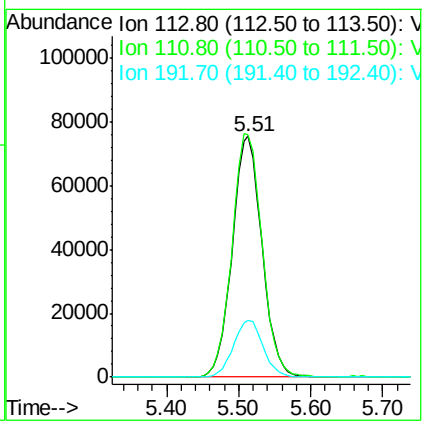


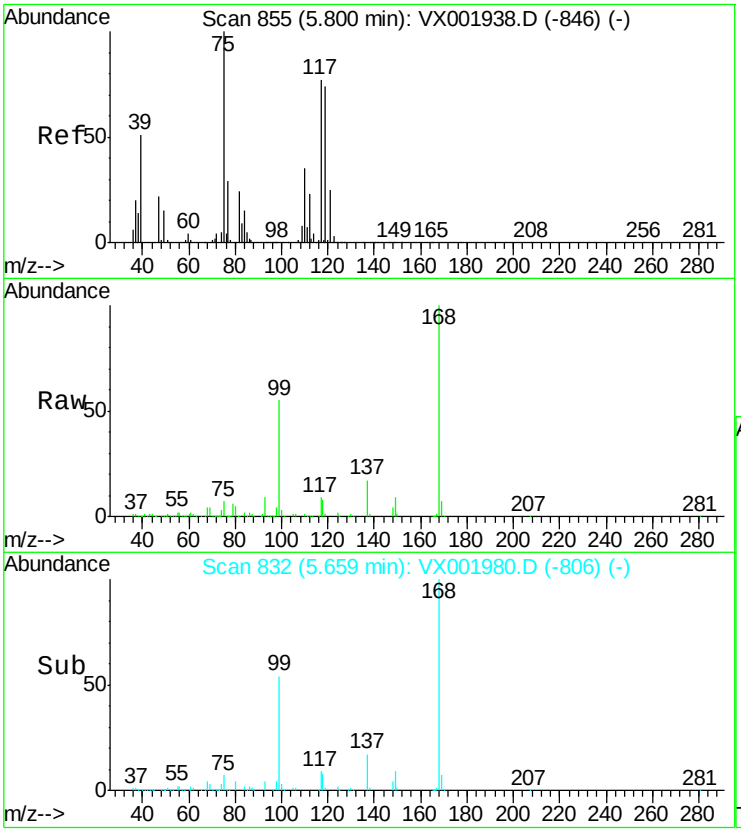


#35
Dibromofluoromethane
Concen: 46.33 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion:113 Resp: 215765

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.7	18.9	28.3



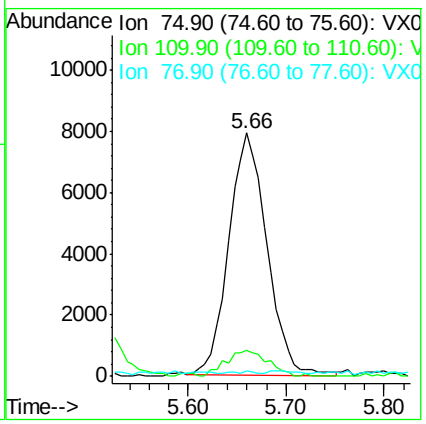


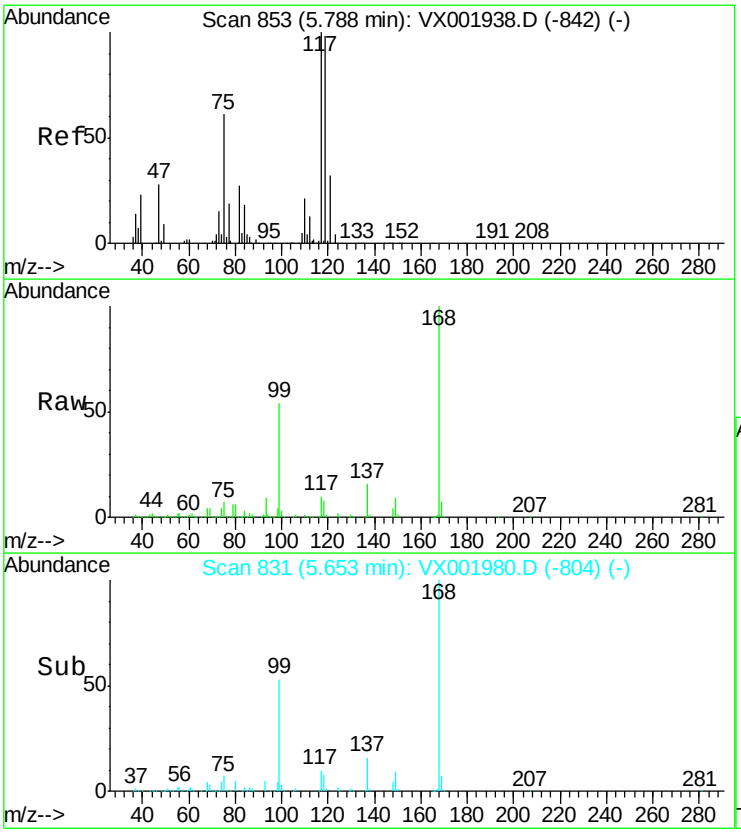
#36
1,1-Dichloropropene
Concen: 3.30 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument : MSVOA_X
ClientSampleId : AOC7-BTM-5-5.5

Tgt Ion: 75 Resp: 21390

Ion	Ratio	Lower	Upper
75	100		
110	11.7	17.4	52.2#
77	0.5	24.4	36.6#

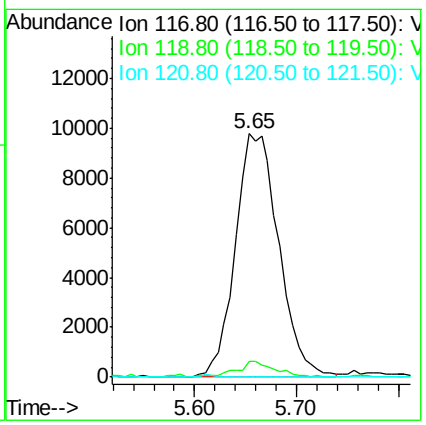


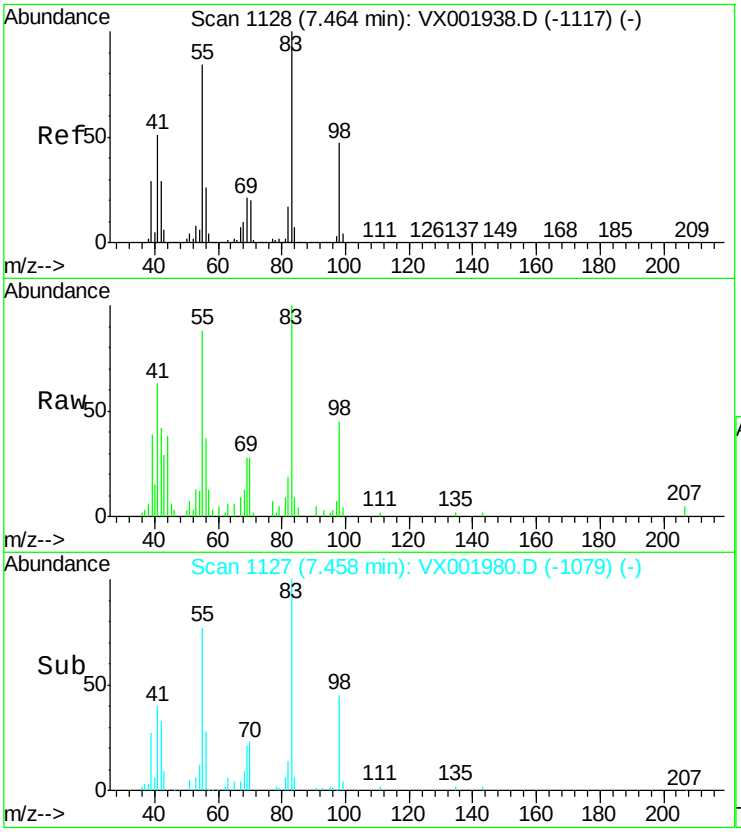


#38
Carbon Tetrachloride
Concen: 3.82 ug/l
RT: 5.65 min Scan# 831
Delta R.T. -0.13 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion:117 Resp: 28885

Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.5	117.7#
121	0.0	25.5	38.3#



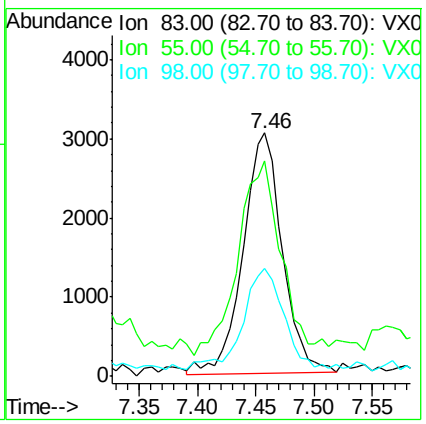


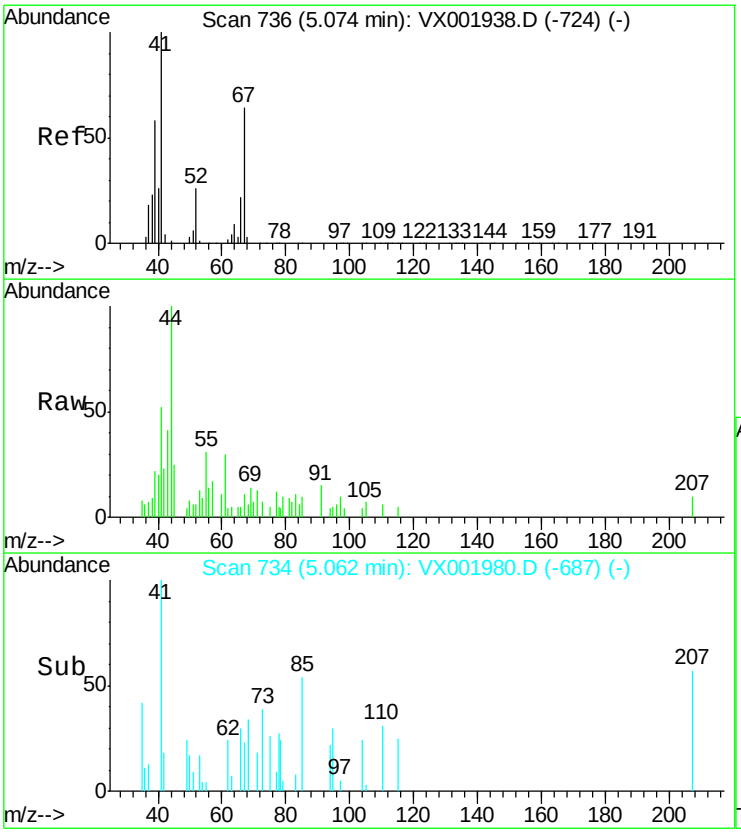
#39
Methylcyclohexane
Concen: 0.90 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion: 83 Resp: 7132

Ion	Ratio	Lower	Upper
83	100		
55	76.5	67.3	100.9
98	42.6	37.5	56.3

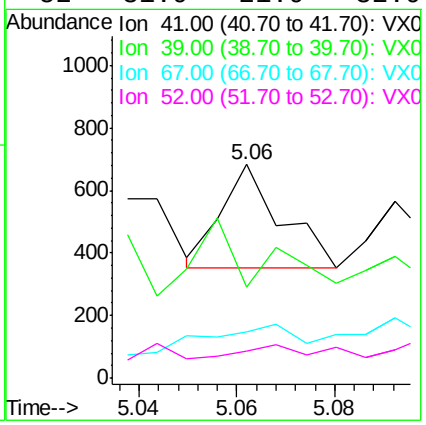


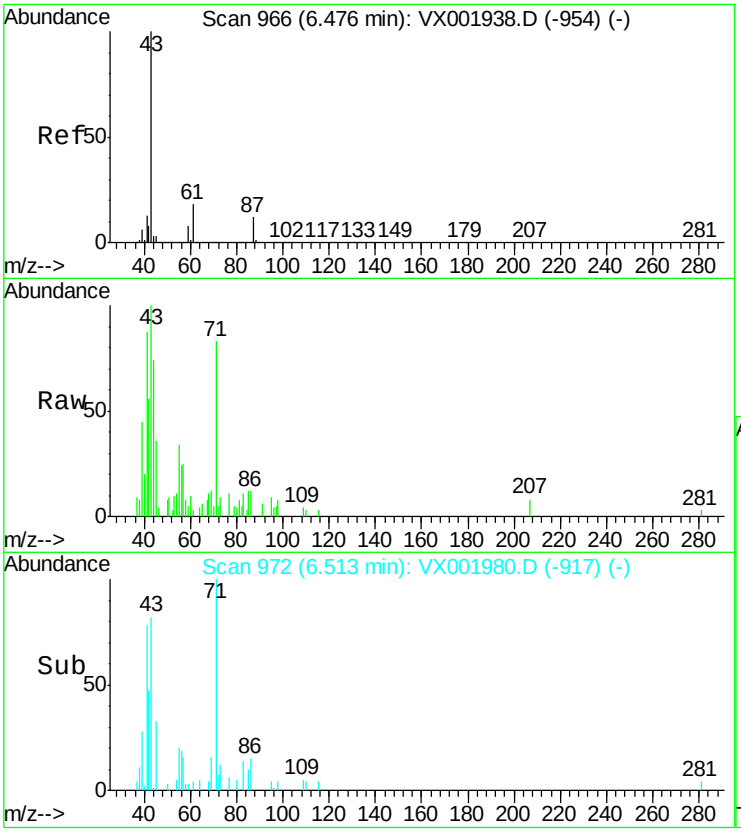


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 41 Resp: 282

Ion	Ratio	Lower	Upper
41	100		
39	85.8	46.0	69.0#
67	36.2	50.6	75.8#
52	31.9	21.9	32.9



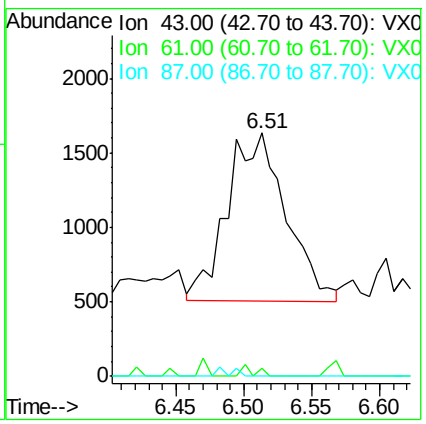


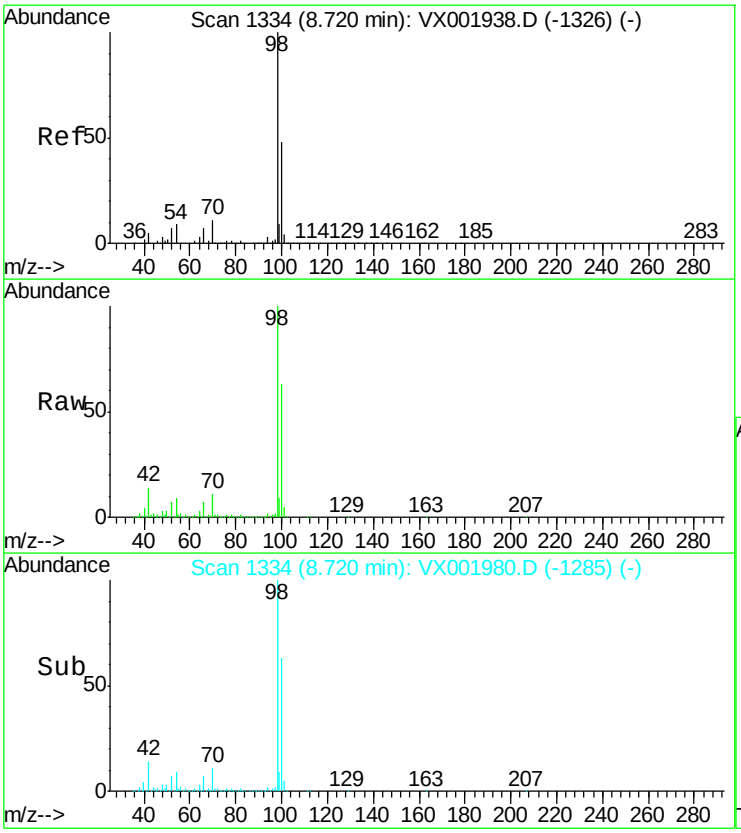
#43
Isopropyl Acetate
Concen: 0.24 ug/l
RT: 6.51 min Scan# 972
Delta R.T. 0.04 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument : MSVOA_X
ClientSampleId : AOC7-BTM-5-5.5

Tgt Ion: 43 Resp: 3406

Ion	Ratio	Lower	Upper
43	100		
61	1.4	14.5	21.7#
87	0.0	9.5	14.3#

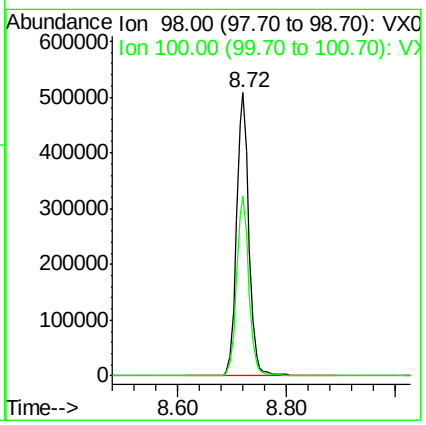


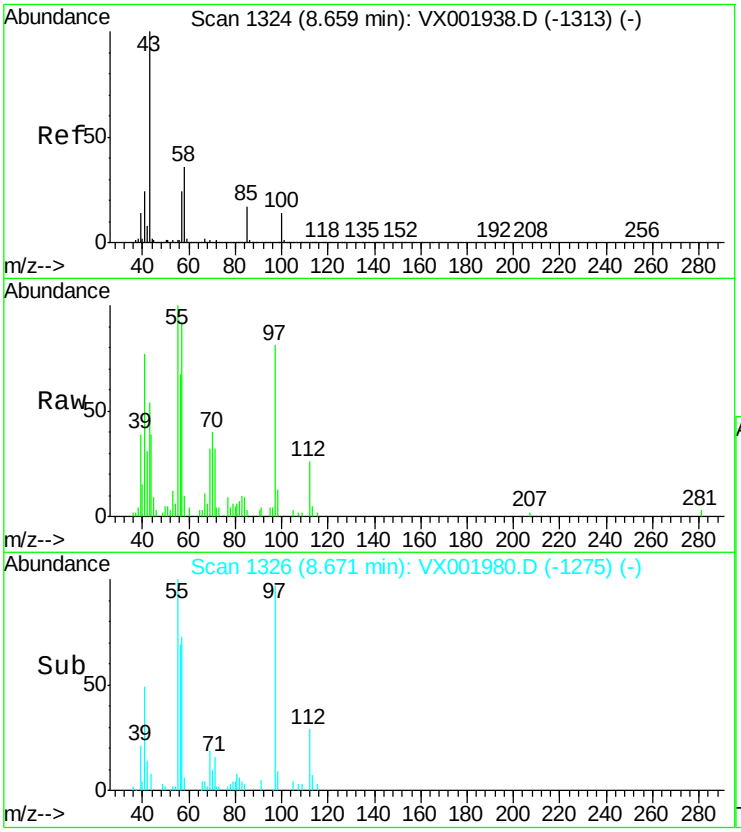


#50
Toluene-d8
Concen: 48.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 98 Resp: 814673

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



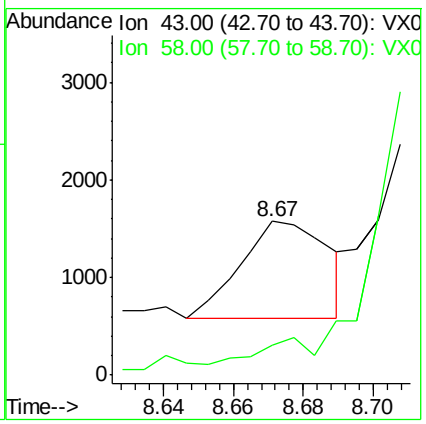


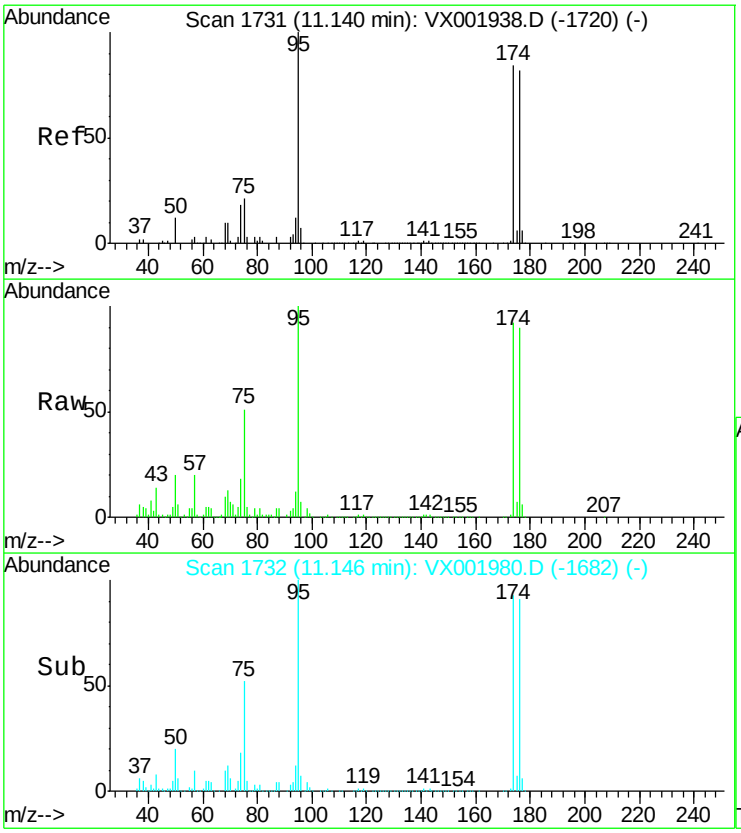
#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion: 43 Resp: 1719

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#

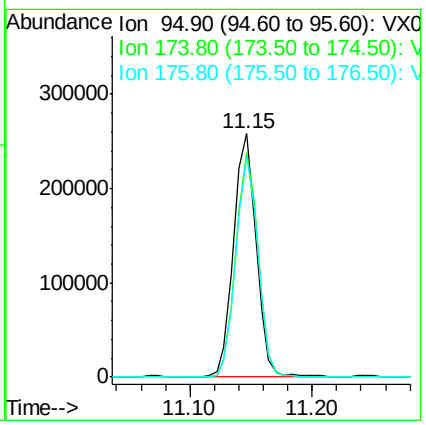


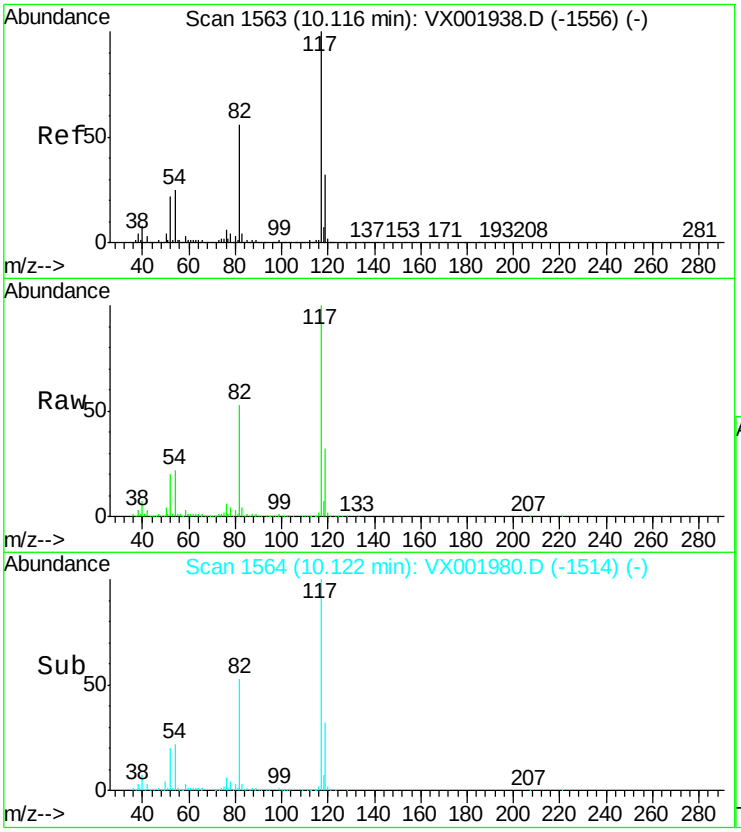


#62
4-Bromofluorobenzene
Concen: 49.46 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 95 Resp: 326317

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	178.8
176	89.1	0.0	175.6



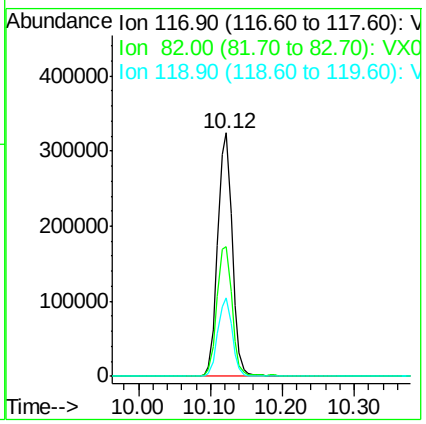


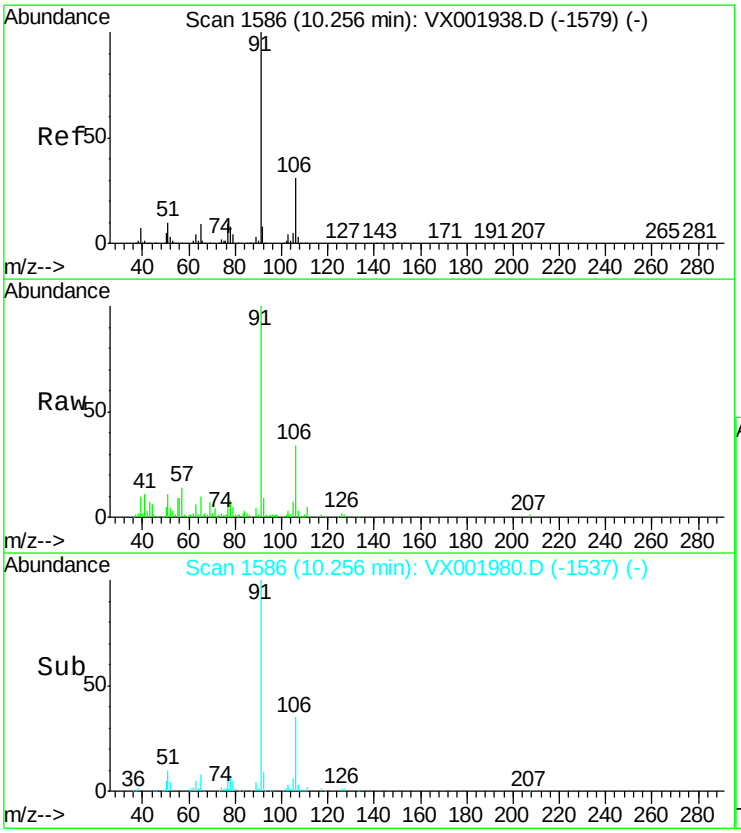
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument : MSVOA_X
ClientSampleId : AOC7-BTM-5-5.5

Tgt Ion:117 Resp: 453745

Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.8	67.2
119	32.3	25.5	38.3

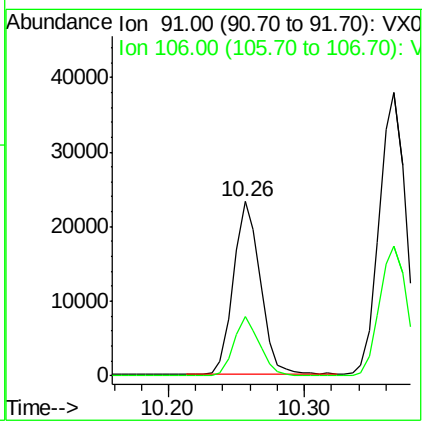


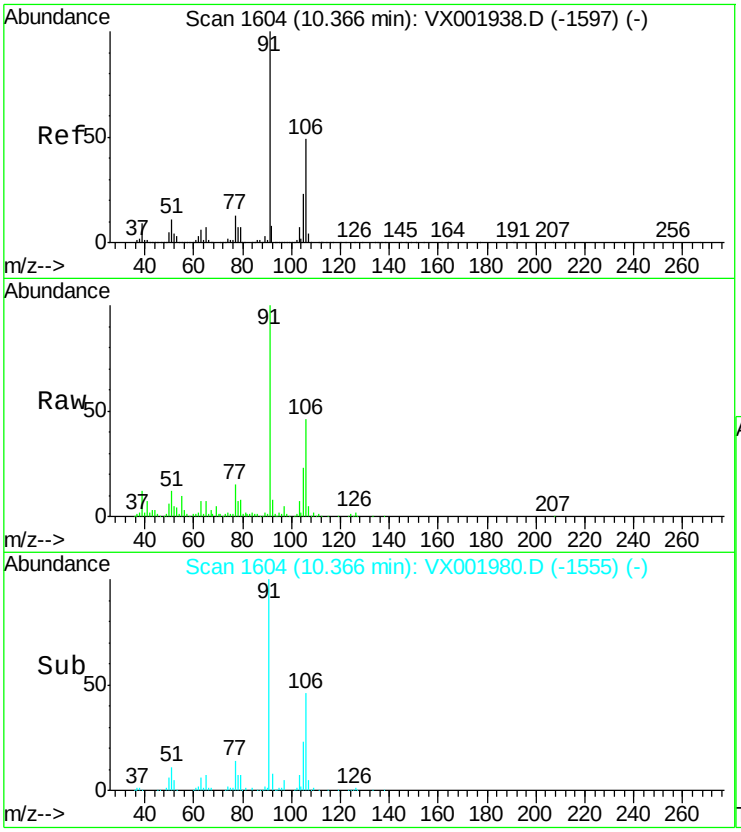


#67
Ethyl Benzene
Concen: 1.28 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 91 Resp: 32010

Ion	Ratio	Lower	Upper
91	100		
106	34.7	25.0	37.6



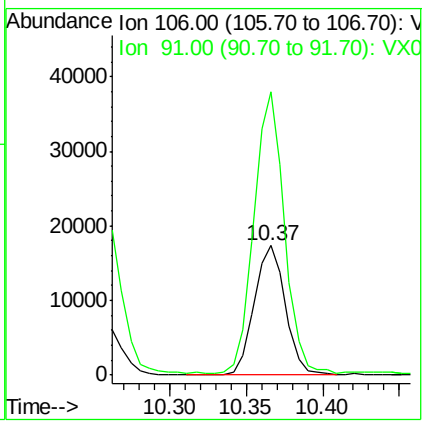


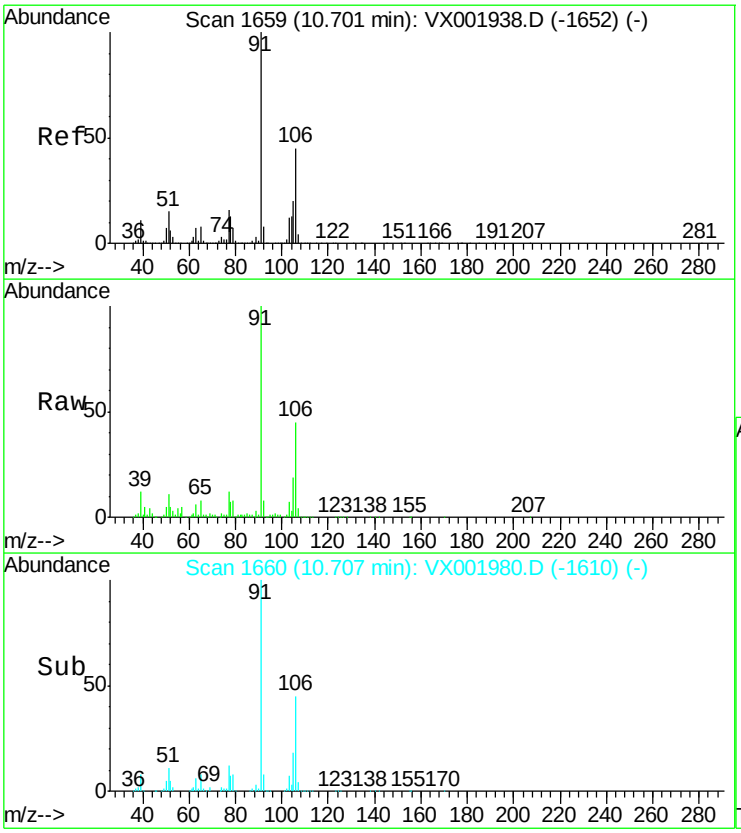
#68
m/p-Xylenes
Concen: 2.59 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion:106 Resp: 24755

Ion	Ratio	Lower	Upper
106	100		
91	211.2	165.0	247.6

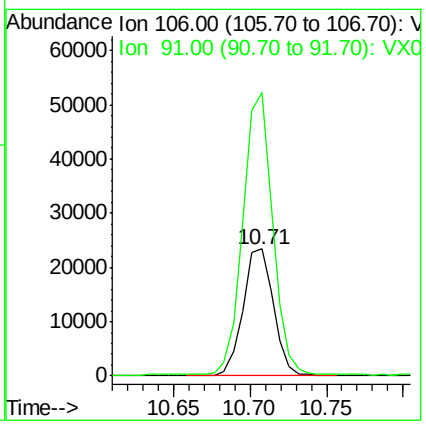


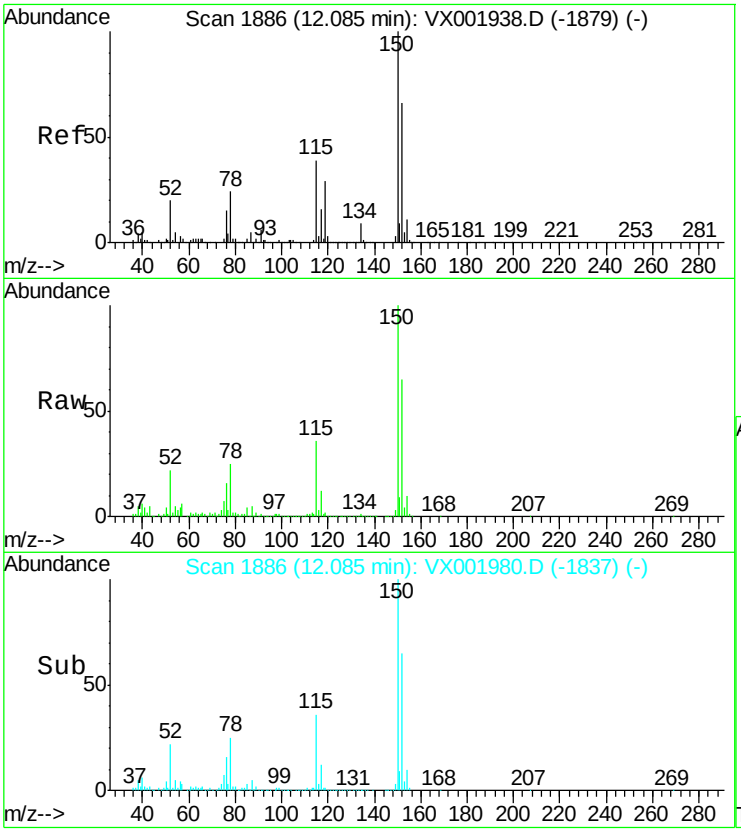


#69
o-Xylene
Concen: 3.41 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion:106 Resp: 32519

Ion	Ratio	Lower	Upper
106	100		
91	214.7	108.7	325.9



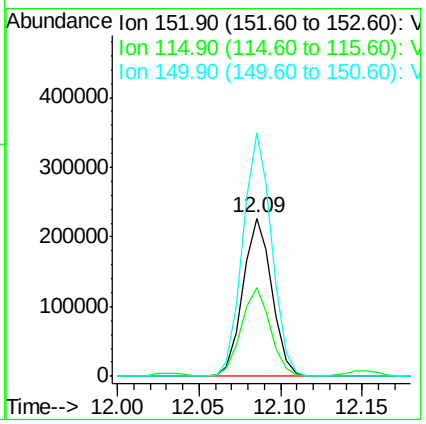


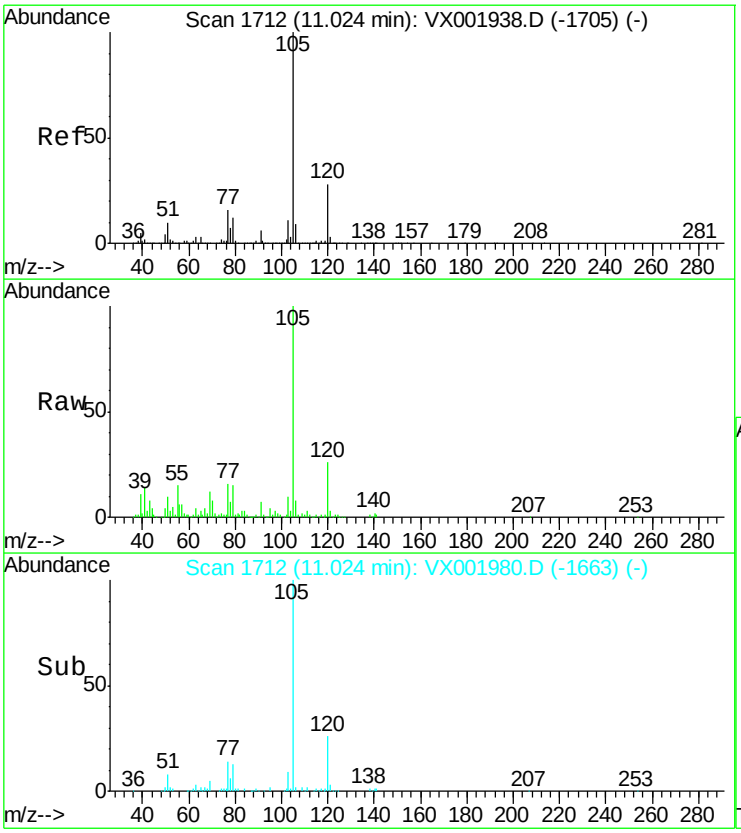
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion:152 Resp: 279799

Ion	Ratio	Lower	Upper
152	100		
115	56.7	42.3	126.8
150	154.5	0.0	351.0

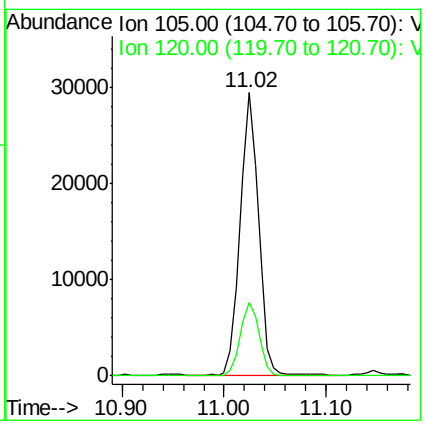


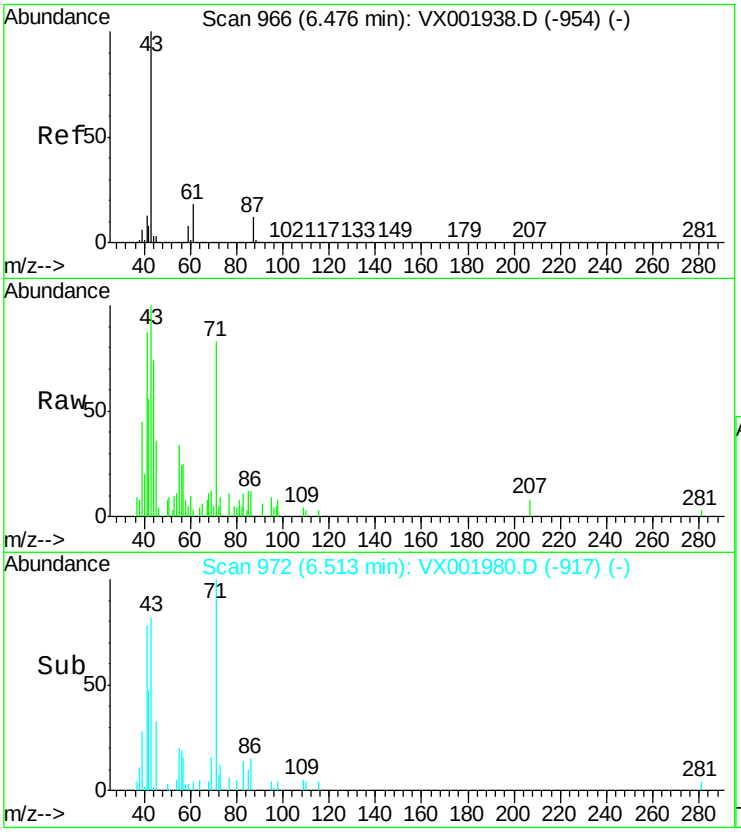


#73
Isopropylbenzene
Concen: 1.56 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion:105 Resp: 37006

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.6	40.7



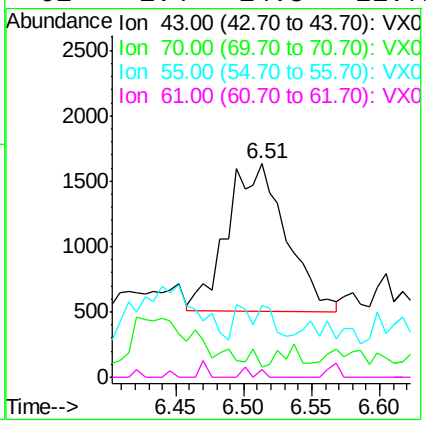


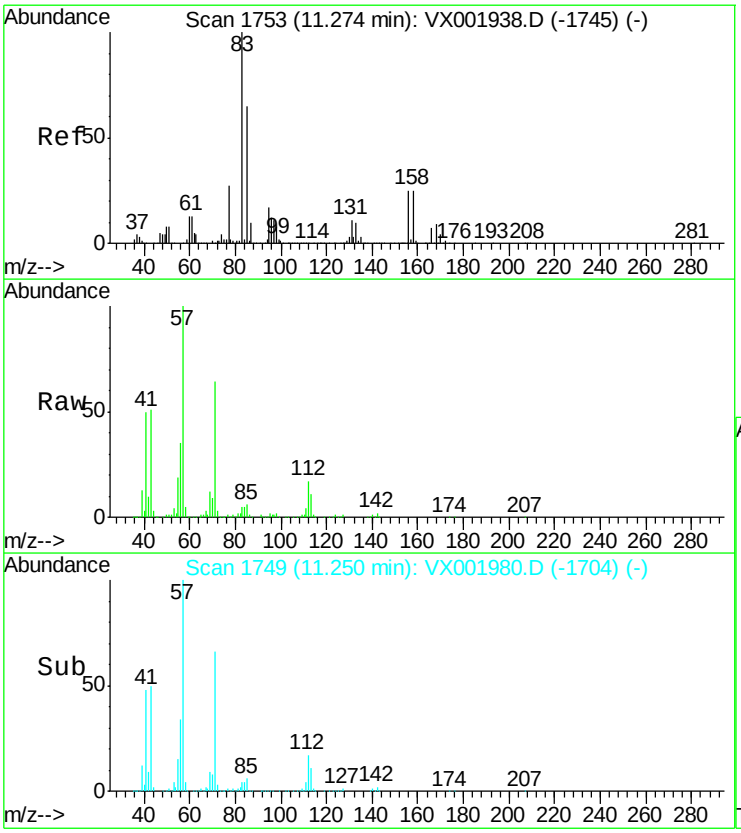
#74
N-amyl acetate
Concen: Below Cal
RT: 6.51 min Scan# 972
Delta R.T. 0.04 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Instrument :
MSVOA_X
ClientSampleId :
AOC7-BTM-5-5.5

Tgt Ion: 43 Resp: 3406

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	6.9	0.1	0.1#
61	1.4	14.5	21.7#





#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.25 min Scan# 1749
Delta R.T. -0.02 min
Lab File: VX001980.D
Acq: 25 May 2018 16:36

Tgt Ion: 83 Resp: 2800

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	159.2	32.6	97.7#