Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082118\
Data File : VX004181.D
Acq On : 21 Aug 2018 17:37
Operator : JC/MD
Sample : J4275-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-01-082018-B

Quant Time: Aug 22 00:57:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	290076	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	474424	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	455089	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244867	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	208483	51.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.02%				
35) Dibromofluoromethane	5.50	113	177721	50.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.10%				
50) Toluene-d8	8.71	98	671251	46.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.26%				
62) 4-Bromofluorobenzene	11.14	95	229226	43.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.80%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2201	0.64	ug/l		90
5) Bromomethane	1.65	94	870	0.28	ug/l		100
6) Chloroethane	1.74	64	882	Below Cal		#	42
10) Methyl Iodide	2.52	142	561	5.15	ug/l		94
11) Tert butyl alcohol	3.06	59	294	0.36	ug/l	#	73
13) Acrolein	2.32	56	169	11.24	ug/l	#	15
14) Allyl chloride	2.86	41	80080	13.79	ug/l	#	30
16) Acetone	2.44	43	22154	10.43	ug/l		95
18) Methyl Acetate	2.78	43	7612	1.61	ug/l		93
20) Methylene Chloride	2.86	84	2050217	596.95	ug/l		97
25) 2-Butanone	4.70	43	3967	1.15	ug/l		94
28) Bromochloromethane	5.03	49	961	0.33	ug/l	#	88
29) Tetrahydrofuran	5.17	42	1705	0.97	ug/l		92
30) Chloroform	5.21	83	9086	1.44	ug/l		99
31) Cyclohexane	5.66	56	4975	0.88	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	19484	3.61	ug/l	#	48
37) Ethyl Acetate	4.70	43	4038	0.69	ug/l	#	67
38) Carbon Tetrachloride	5.67	117	24994	4.77	ug/l	#	15
41) Methacrylonitrile	5.17	41	1057	0.32	ug/l	#	45
43) Isopropyl Acetate	6.46	43	180328	20.81	ug/l		100
47) Bromodichloromethane	7.90	83	1845	0.36	ug/l		95
48) Methyl methacrylate	7.69	41	8012	1.84	ug/l	#	20
49) 1,4-Dioxane	7.89	88	23	0.23	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	3529	0.50	ug/l	#	34
54) cis-1,3-Dichloropropene	8.62	75	1531	0.25	ug/l	#	68
59) 2-Hexanone	9.44	43	1933	0.36	ug/l	#	22
74) N-amyl acetate	6.46	43	180328	23.14	ug/l	#	100
76) 1,2,3-Trichloropropane	11.14	75	108804	22.16	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	108804	68.59	ug/l	#	9
95) Naphthalene	13.83	128	18626	2.21	ug/l		99

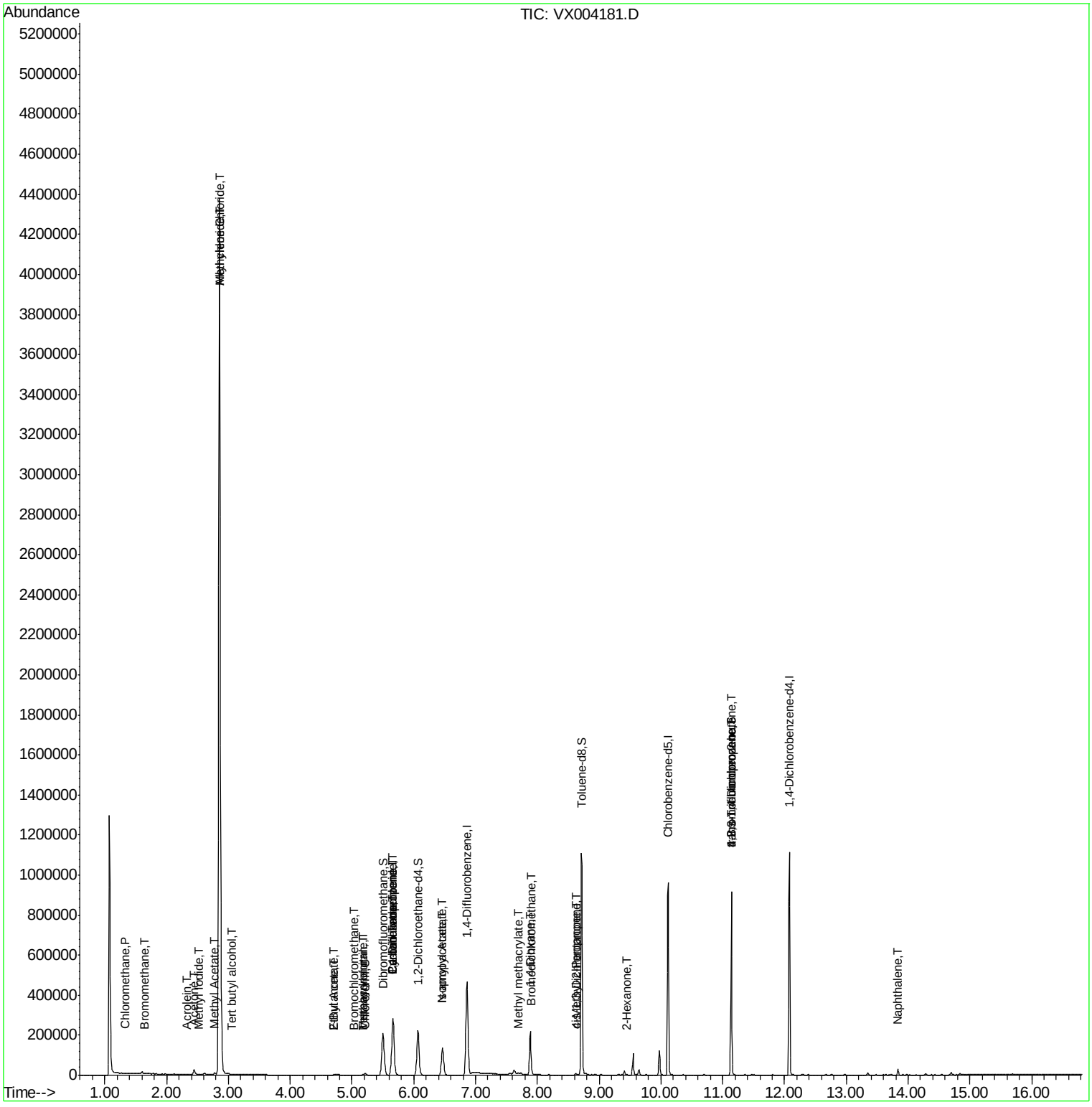
(#) = qualifier out of range (m) = manual integration (+) = signals summed

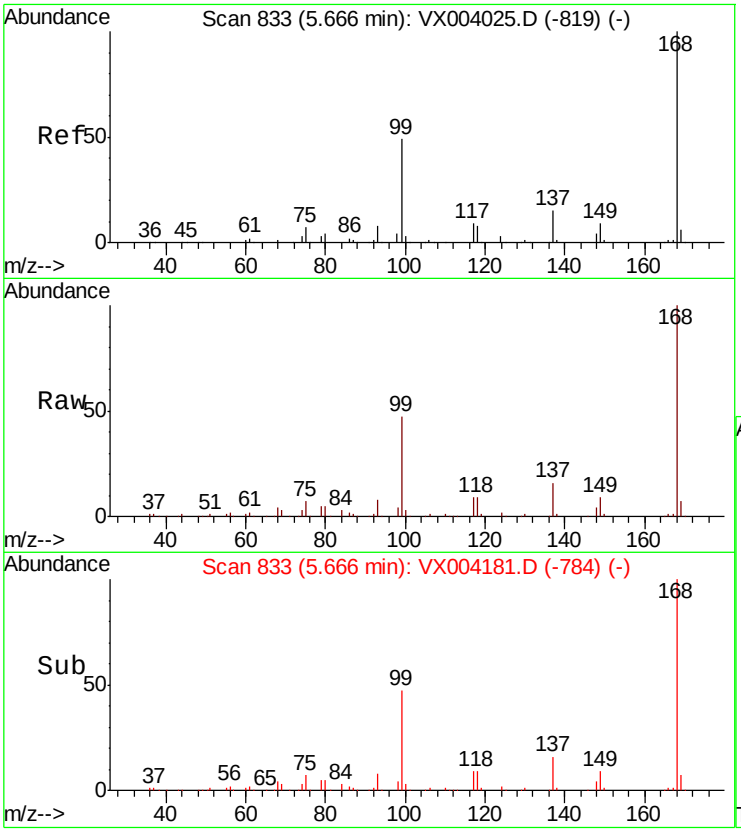
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082118\
Data File : VX004181.D
Acq On : 21 Aug 2018 17:37
Operator : JC/MD
Sample : J4275-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Quant Time: Aug 22 00:57:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration



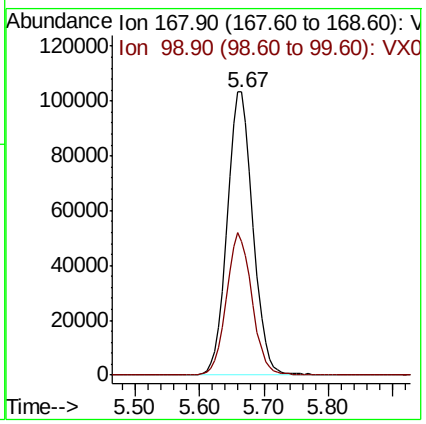


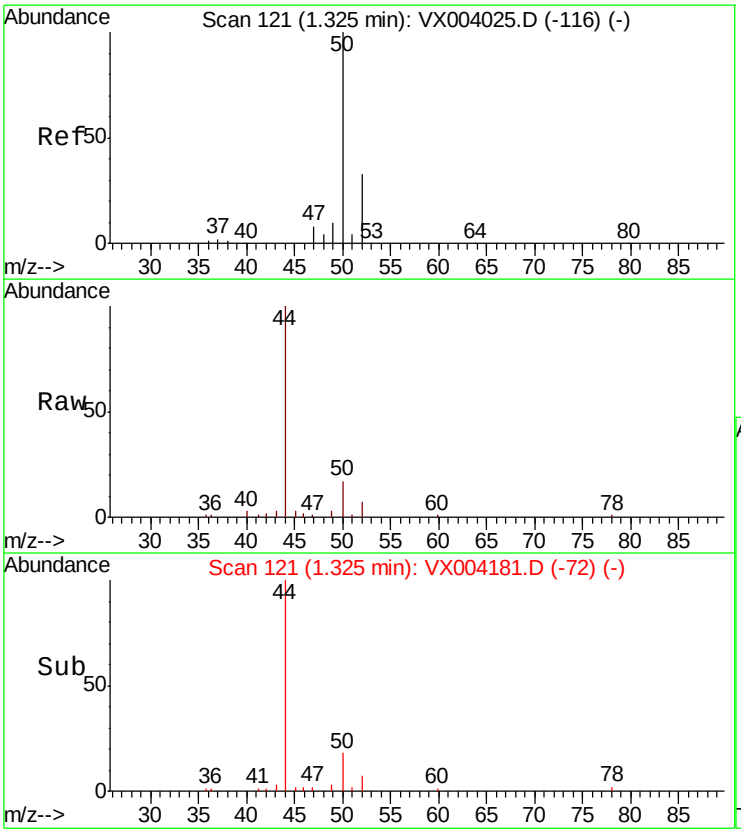
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion:168 Resp: 290076

Ion	Ratio	Lower	Upper
168	100		
99	47.3	40.1	60.1

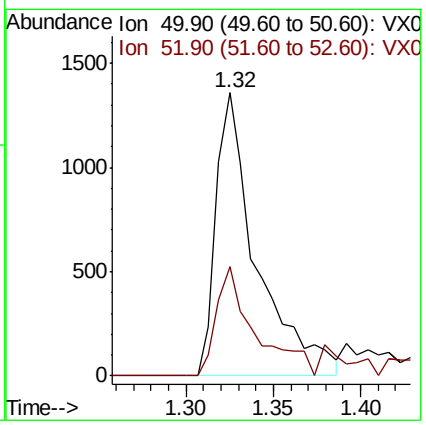


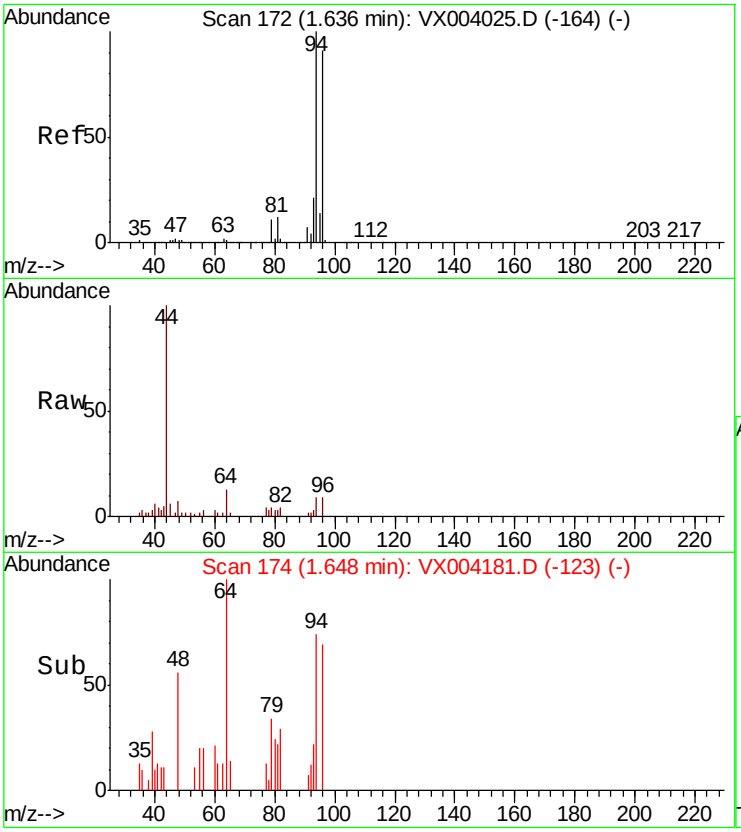


#3
Chloromethane
Concen: 0.64 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 50 Resp: 2201

Ion	Ratio	Lower	Upper
50	100		
52	38.6	26.6	39.8



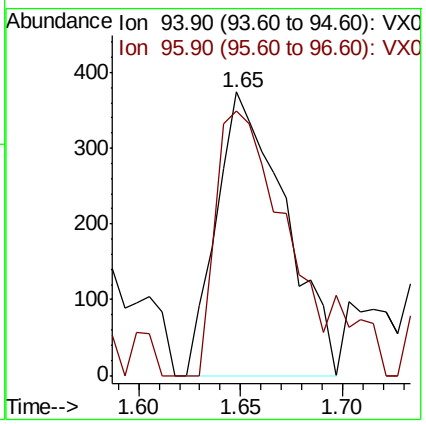


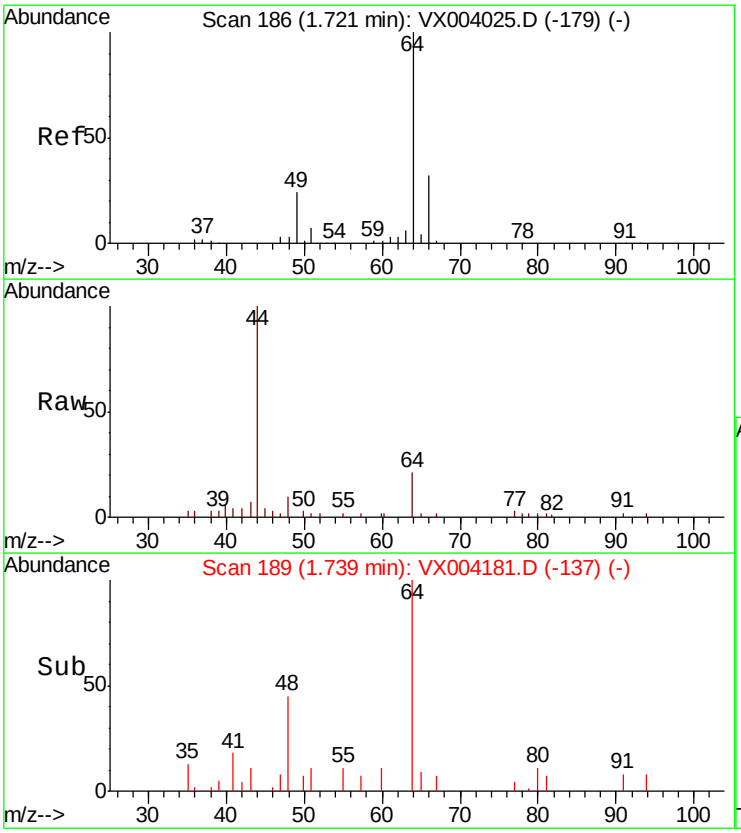
#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument : MSVOA_X
ClientSampleId : CL-01-082018-B

Tgt Ion: 94 Resp: 870

Ion	Ratio	Lower	Upper
94	100		
96	93.6	75.2	112.8

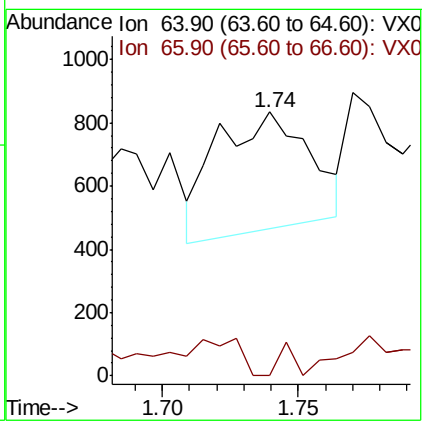


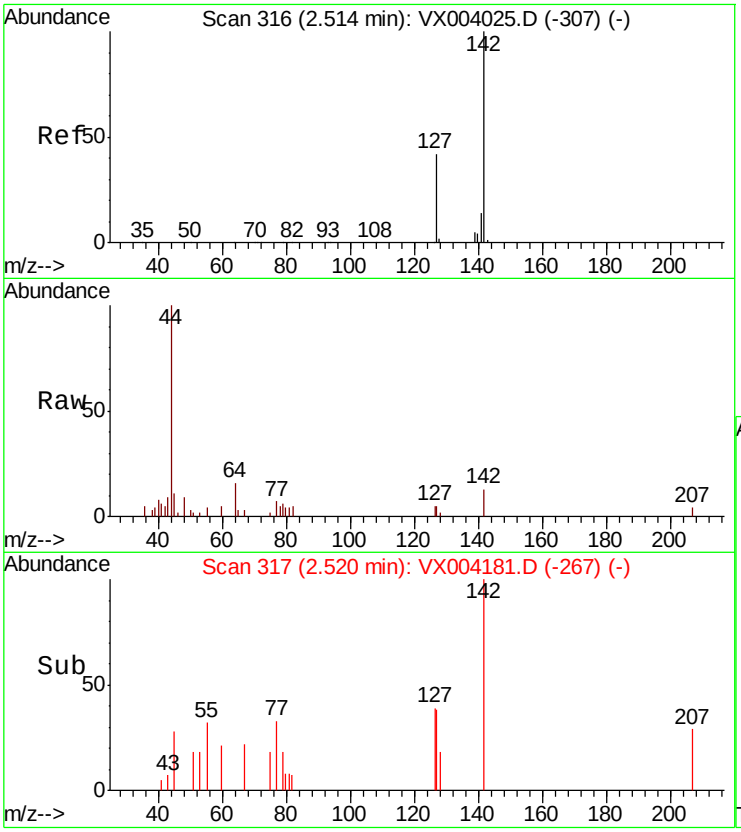


#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 189
Delta R.T. 0.02 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 64 Resp: 882

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.5	39.7#



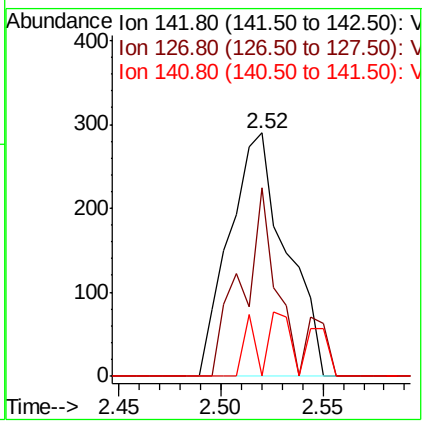


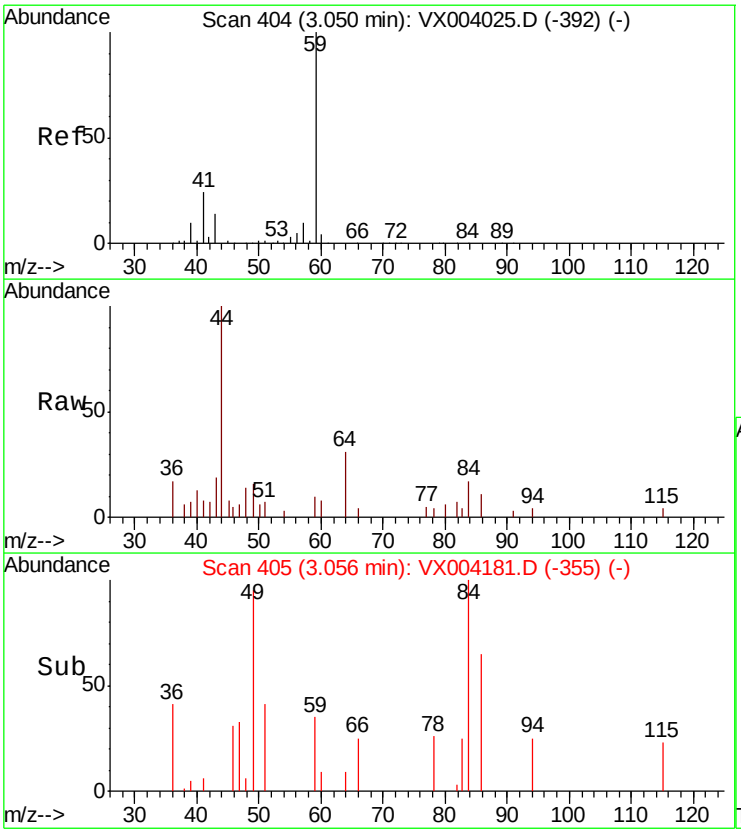
#10
Methyl Iodide
Concen: 5.15 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument : MSVOA_X
ClientSampleId : CL-01-082018-B

Tgt Ion:142 Resp: 561

Ion	Ratio	Lower	Upper
142	100		
127	46.0	33.1	49.7
141	14.3	11.1	16.7

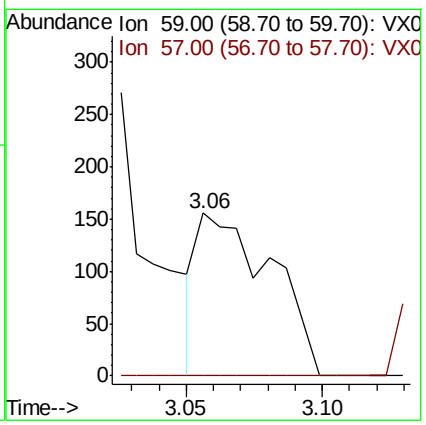


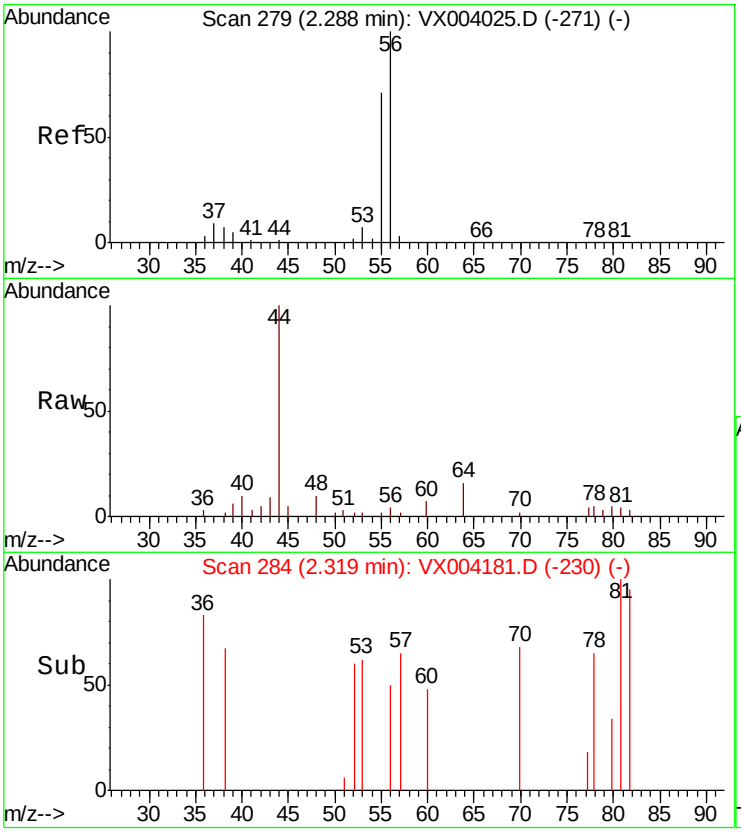


#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 3.06 min Scan# 405
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 59 Resp: 294

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



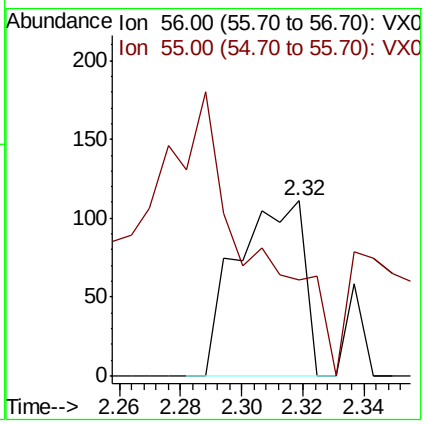


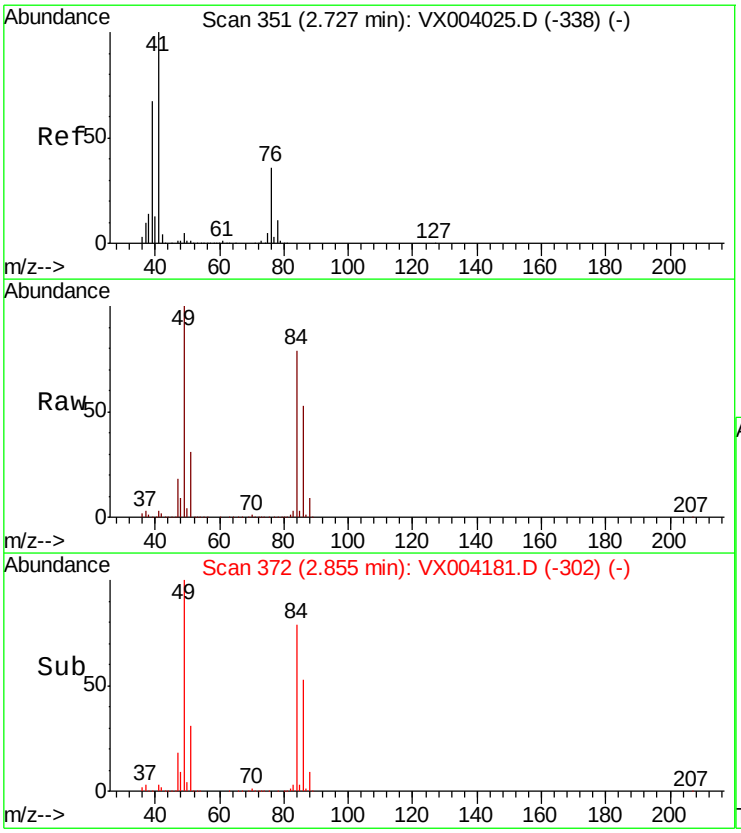
#13
Acrolein
Concen: 11.24 ug/l
RT: 2.32 min Scan# 284
Delta R.T. 0.03 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 56 Resp: 169

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

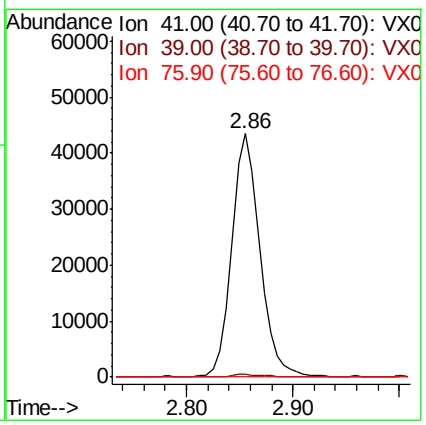


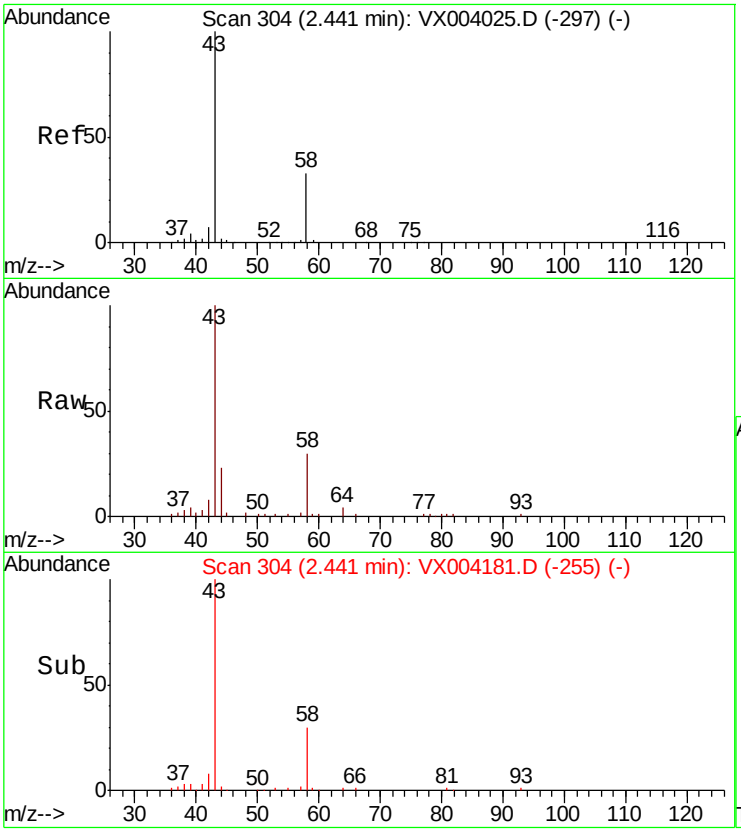


#14
Allyl chloride
Concen: 13.79 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.13 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 41 Resp: 80080

Ion	Ratio	Lower	Upper
41	100		
39	1.2	47.4	71.0#
76	0.1	26.0	39.0#



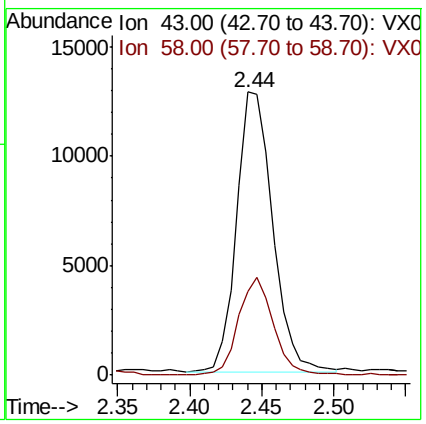


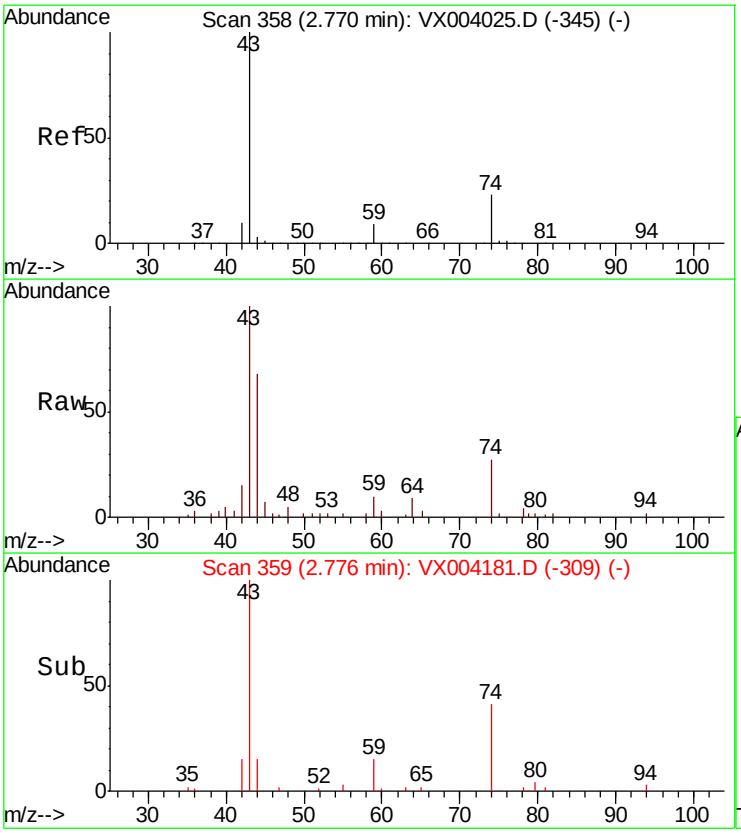
#16
Acetone
Concen: 10.43 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 43 Resp: 22154

Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.4	39.6

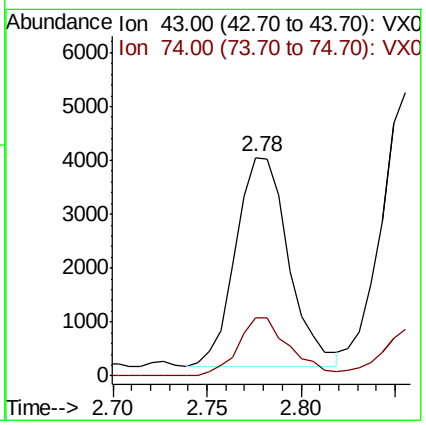


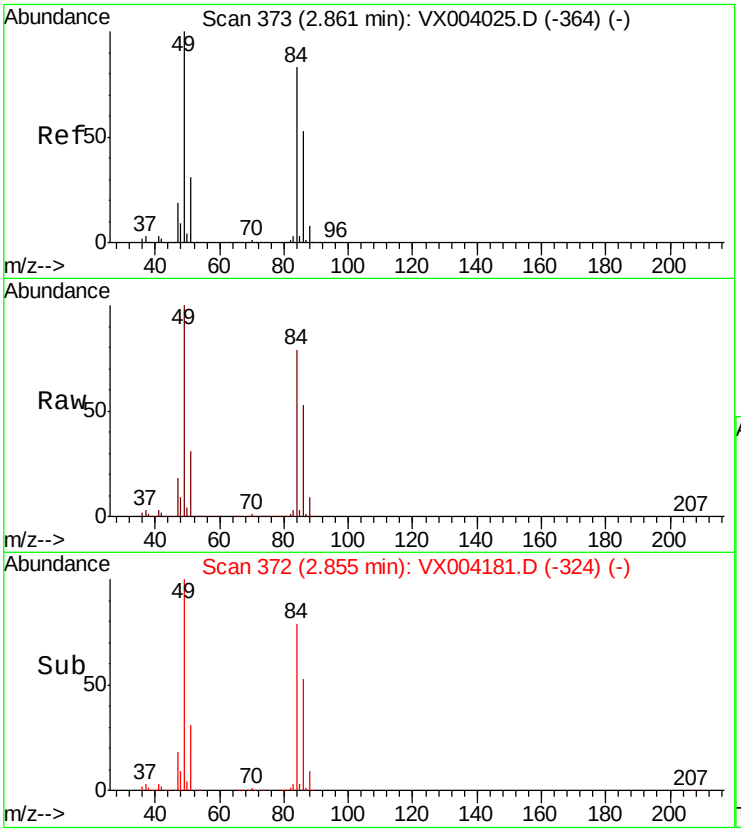


#18
Methyl Acetate
Concen: 1.61 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 43 Resp: 7612

Ion	Ratio	Lower	Upper
43	100		
74	26.9	18.9	28.3



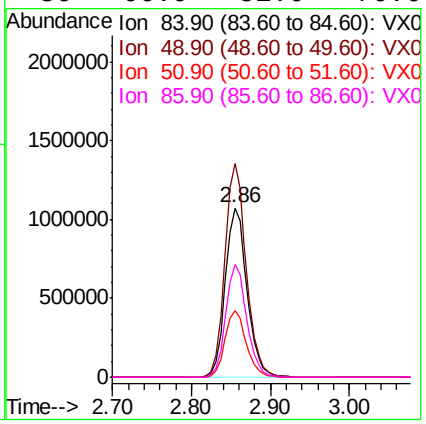


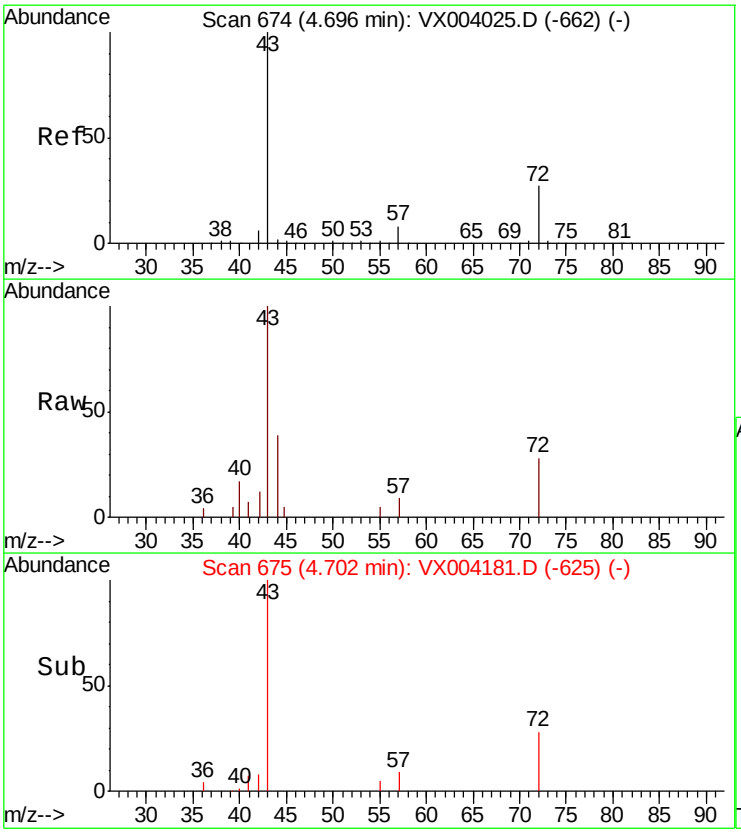
#20
Methylene Chloride
Concen: 596.95 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 84 Resp: 2050217

Ion	Ratio	Lower	Upper
84	100		
49	126.4	98.9	148.3
51	39.3	29.9	44.9
86	66.9	51.0	76.6

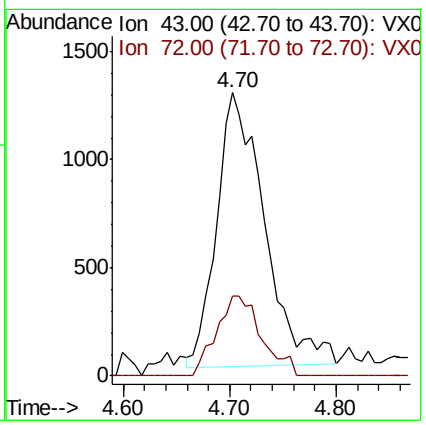


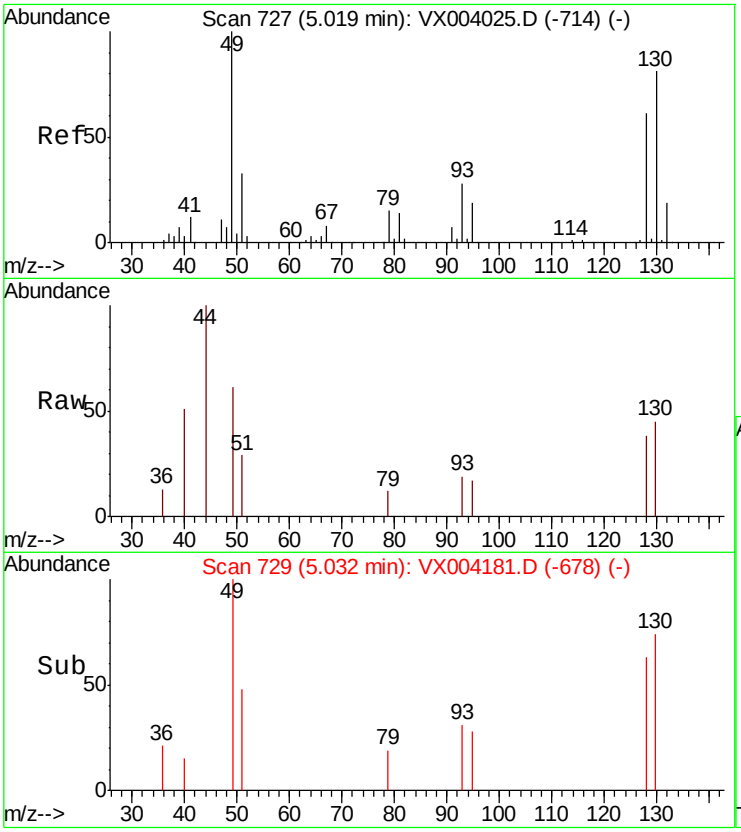


#25
2-Butanone
Concen: 1.15 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 43 Resp: 3967

Ion	Ratio	Lower	Upper
43	100		
72	29.6	21.4	32.0



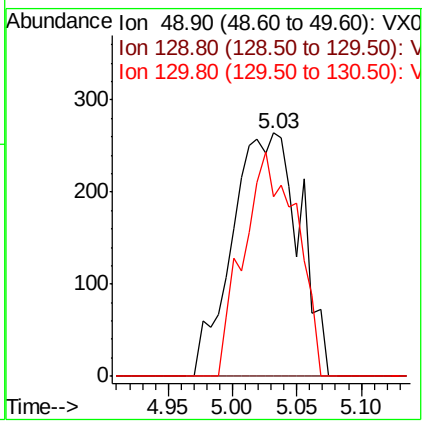


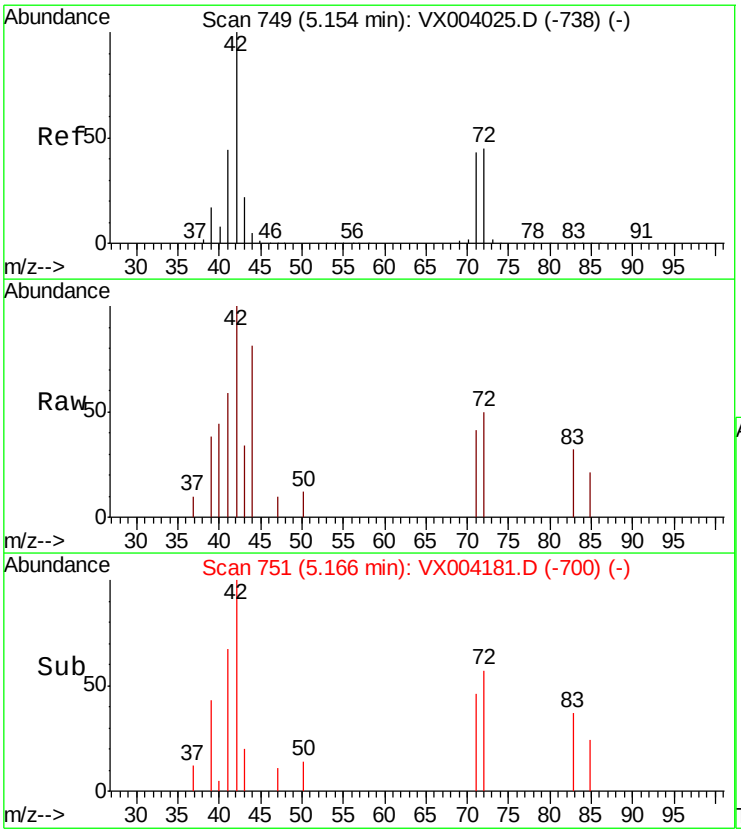
#28
Bromochloromethane
Concen: 0.33 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 49 Resp: 961

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	72.5	66.5	99.7

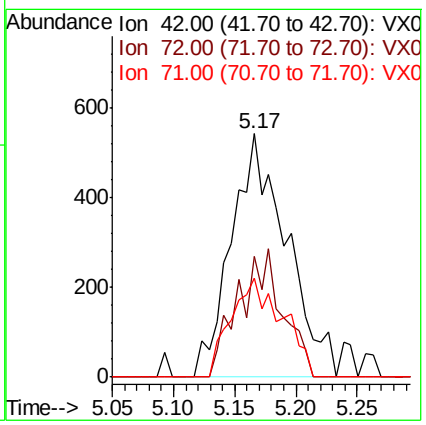


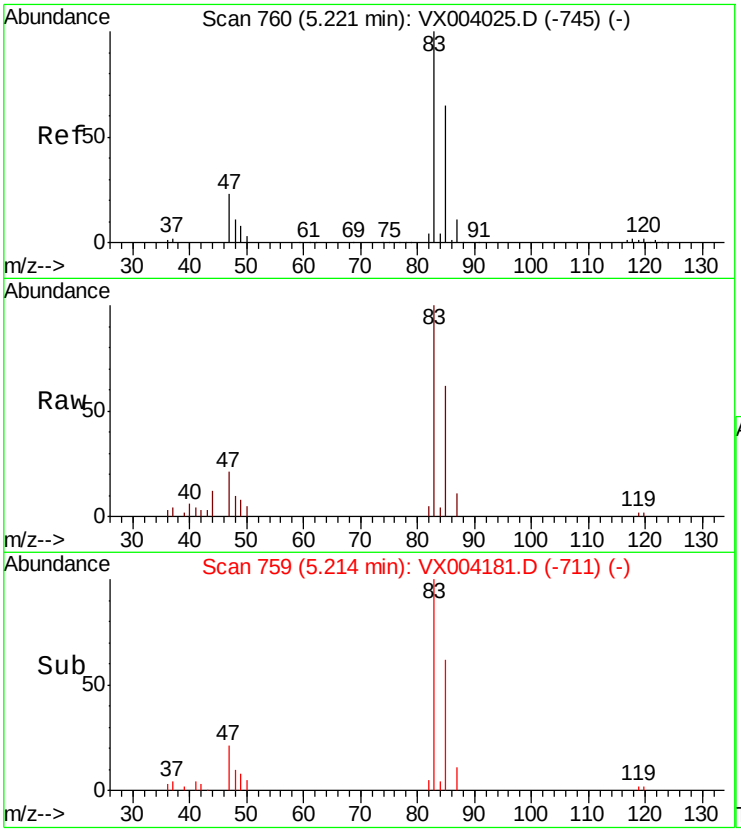


#29
Tetrahydrofuran
Concen: 0.97 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 42 Resp: 1705

Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.7	56.5
71	37.8	35.0	52.6



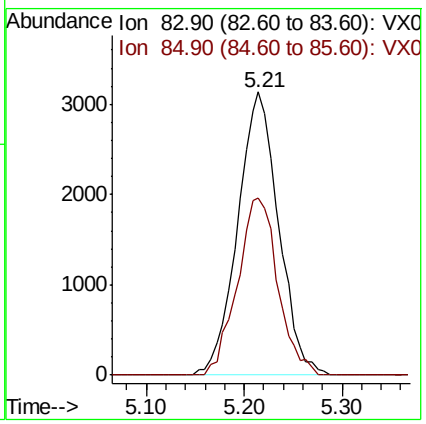


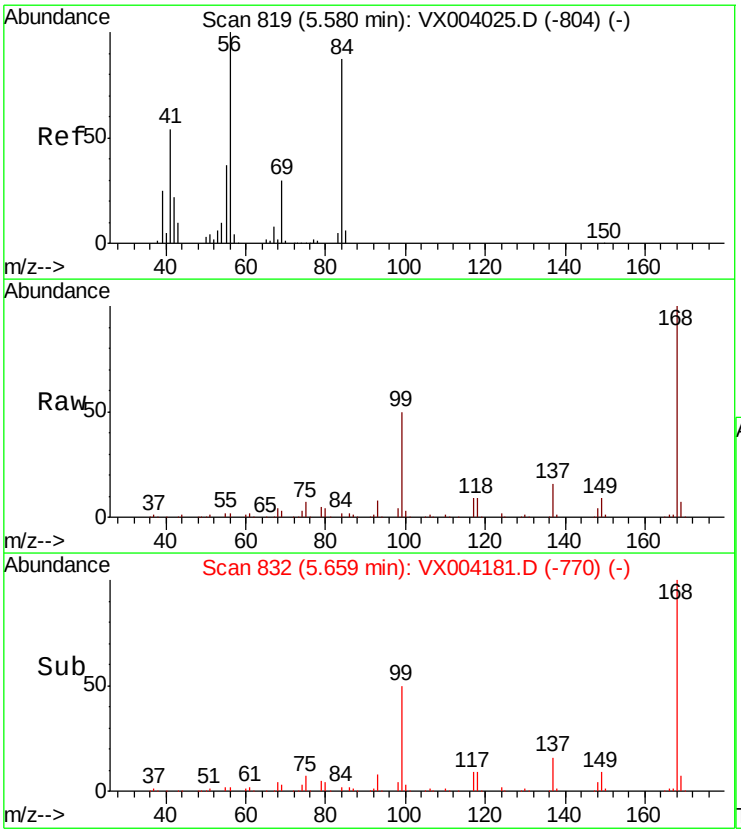
#30
Chloroform
Concen: 1.44 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 83 Resp: 9086

Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.7	76.1

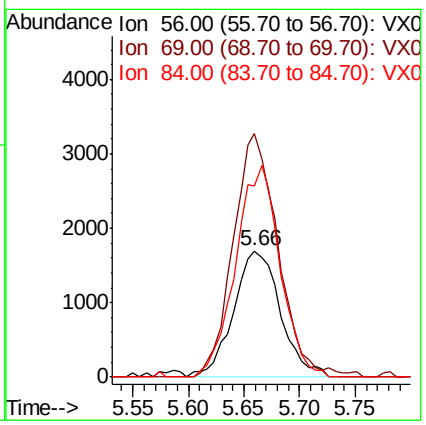


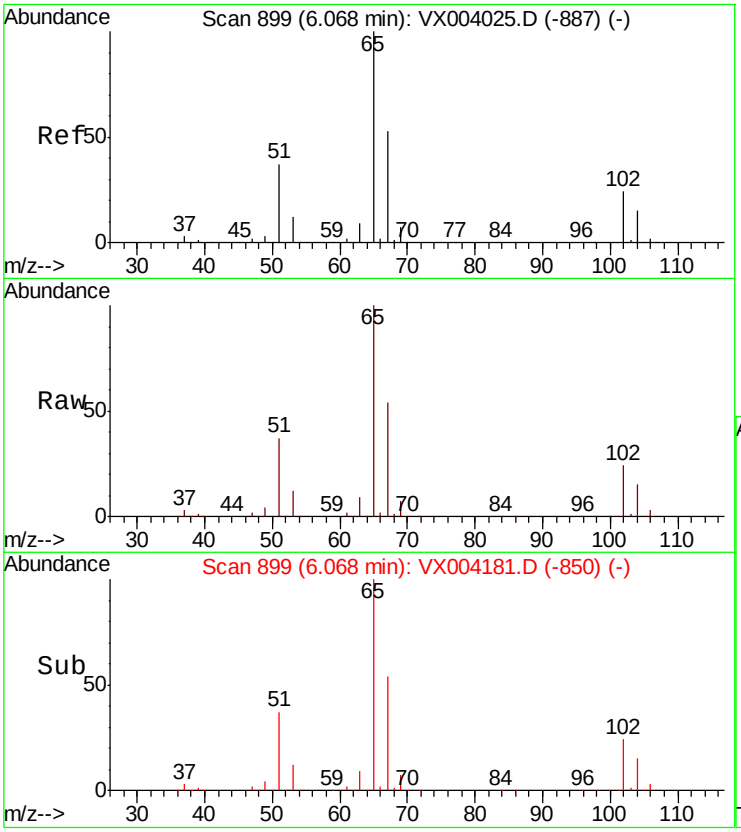


#31
Cyclohexane
Concen: 0.88 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 56 Resp: 4975

Ion	Ratio	Lower	Upper
56	100		
69	193.3	24.9	37.3#
84	152.2	71.7	107.5#



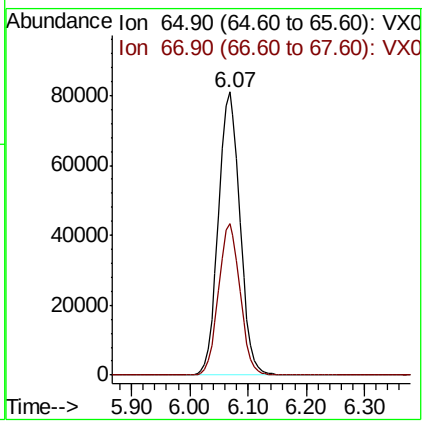


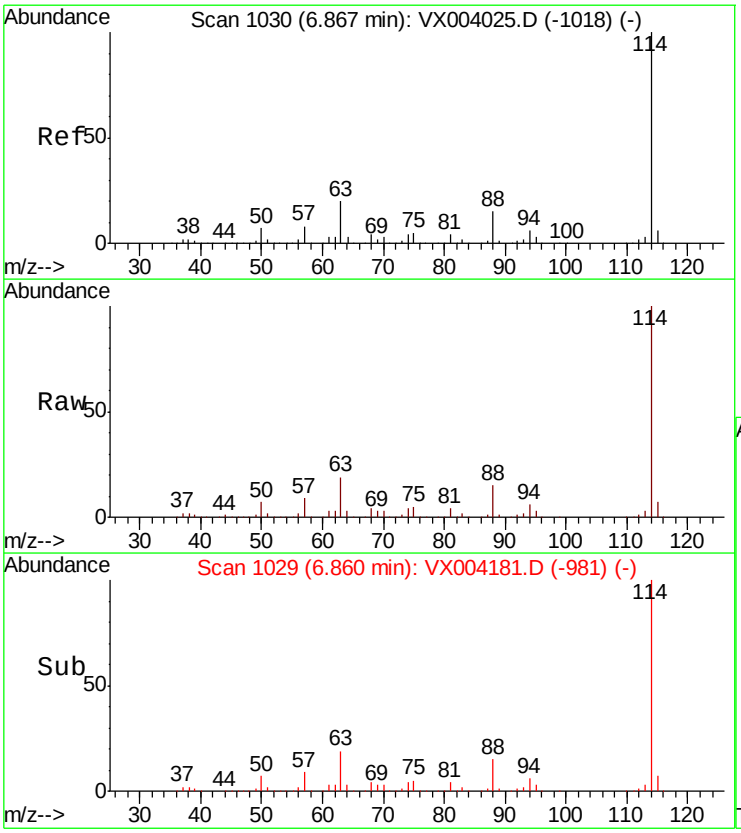
#33
1,2-Dichloroethane-d4
Concen: 51.01 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 65 Resp: 208483

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.8

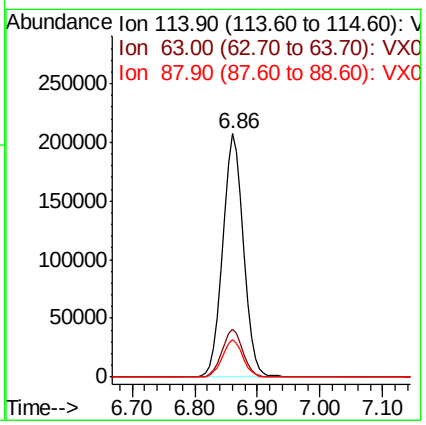


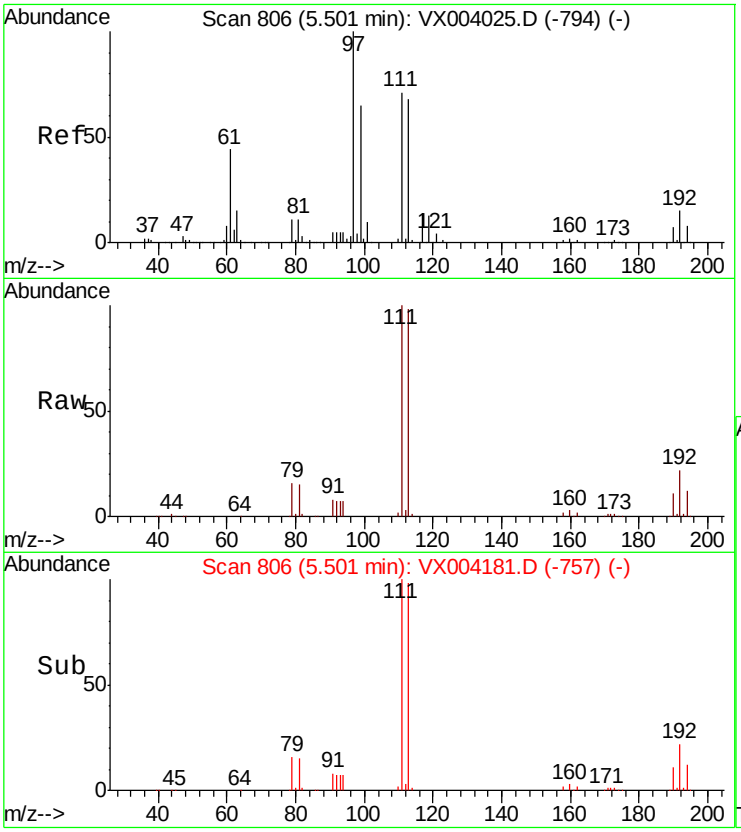


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion:114 Resp: 474424

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.2	0.0	32.0



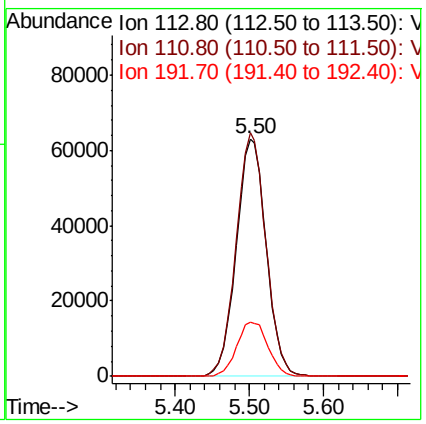


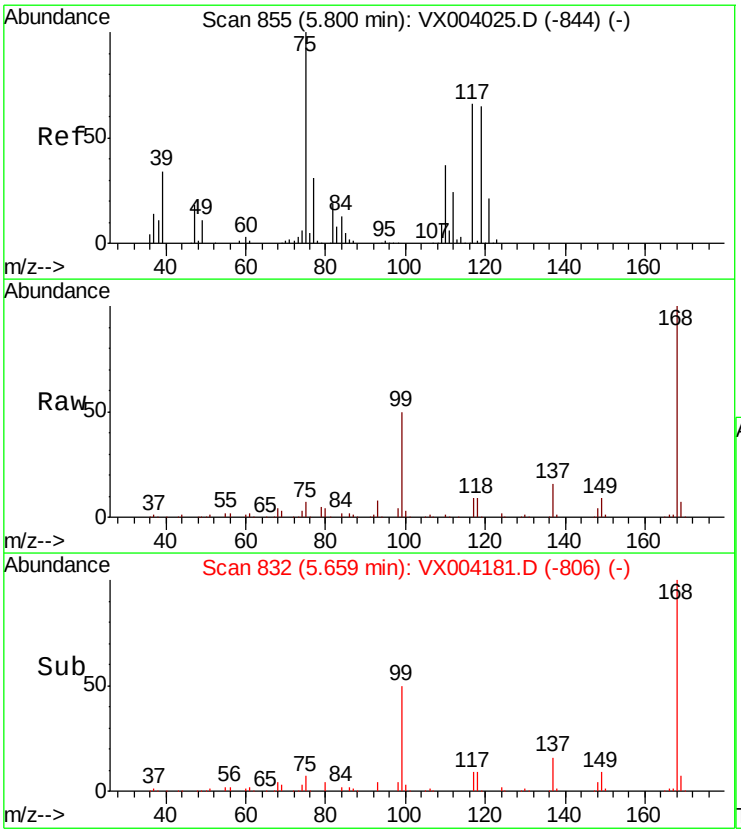
#35
Dibromofluoromethane
Concen: 50.05 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion:113 Resp: 177721

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	24.0	19.0	28.4

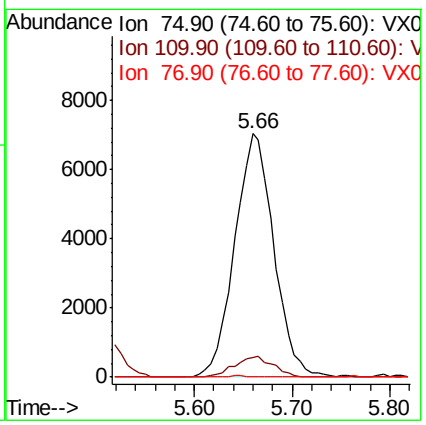


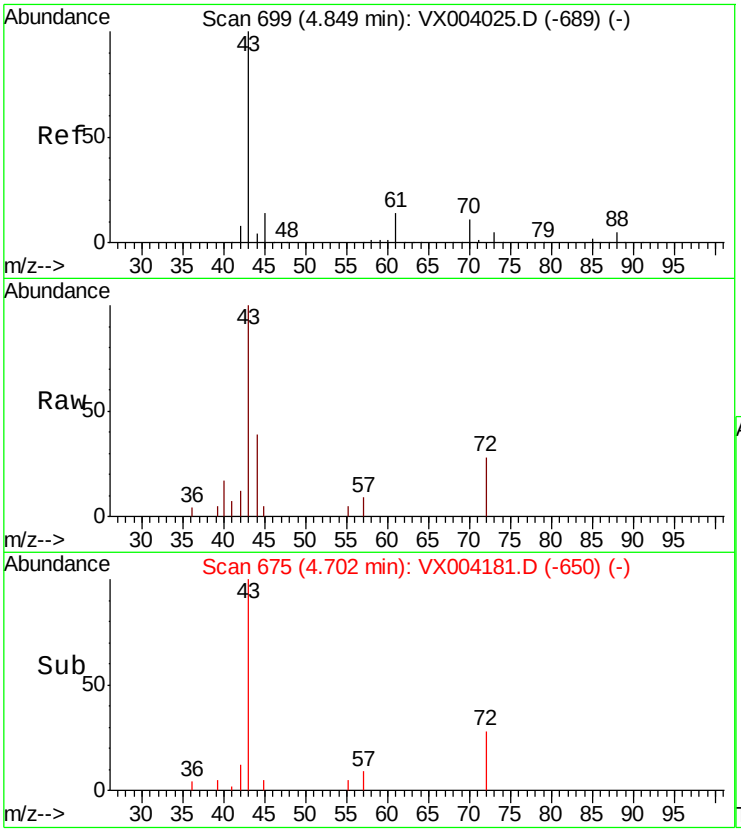


#36
1,1-Dichloropropene
Concen: 3.61 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 75 Resp: 19484

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	25.0	37.4#



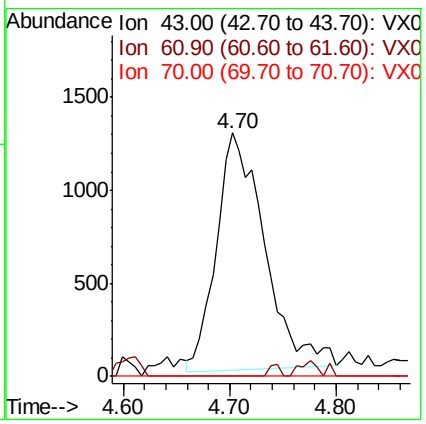


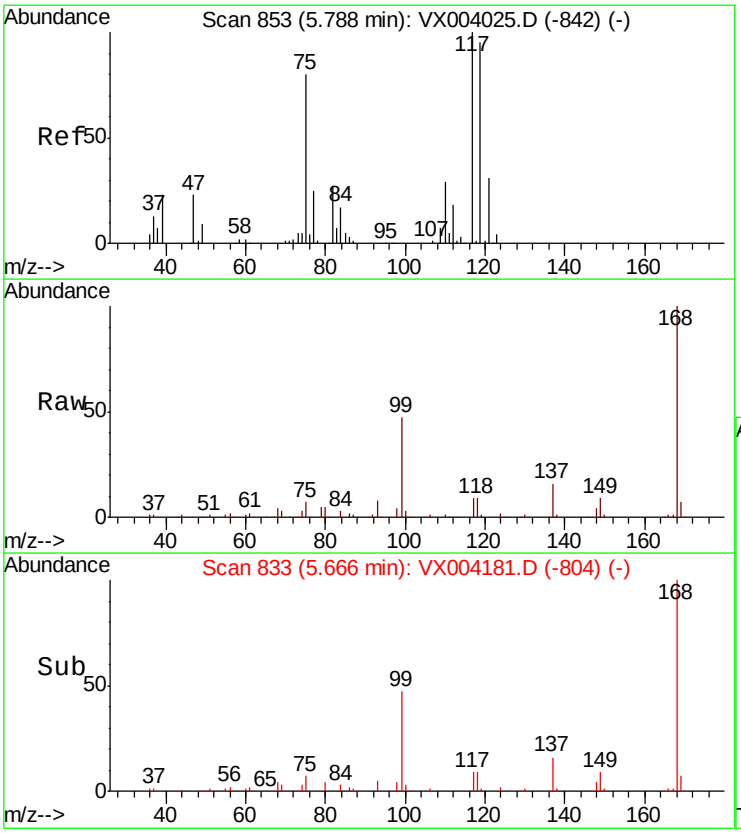
#37
Ethyl Acetate
Concen: 0.69 ug/l
RT: 4.70 min Scan# 675
Delta R.T. -0.15 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 43 Resp: 4038

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.0	13.4#

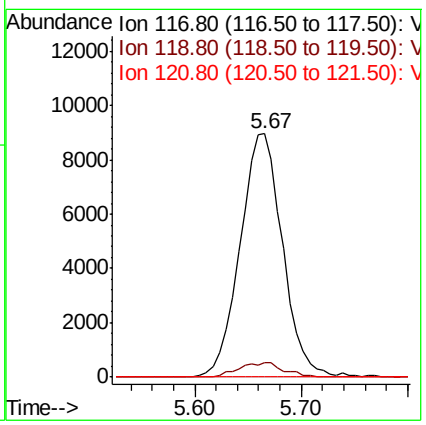


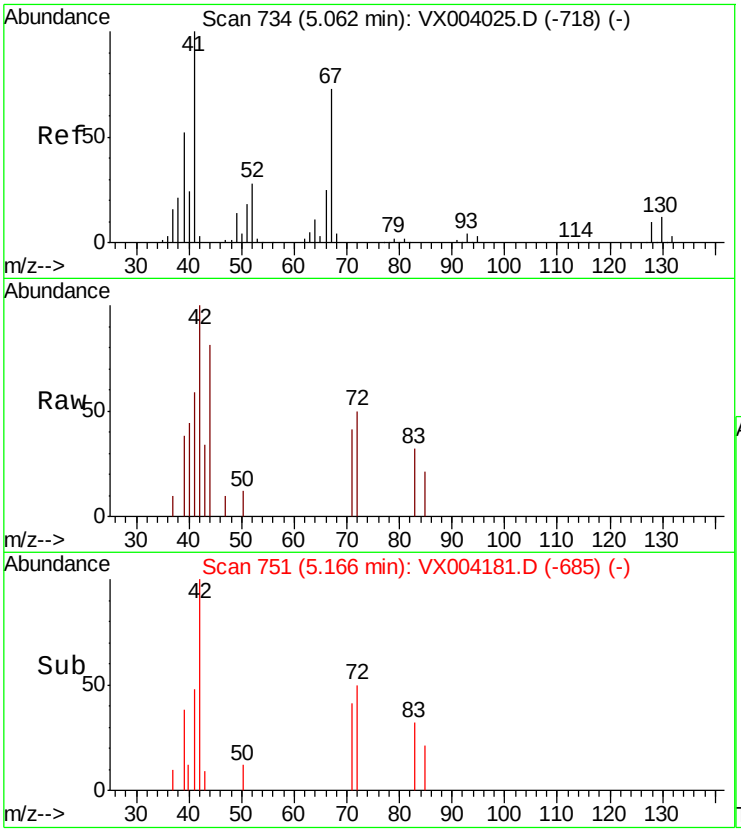


#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion:117 Resp: 24994

Ion	Ratio	Lower	Upper
117	100		
119	5.8	79.5	119.3#
121	0.0	25.0	37.4#



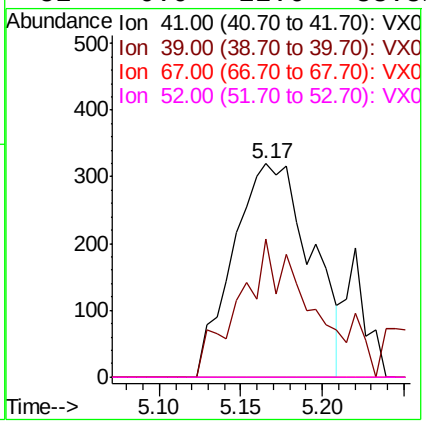


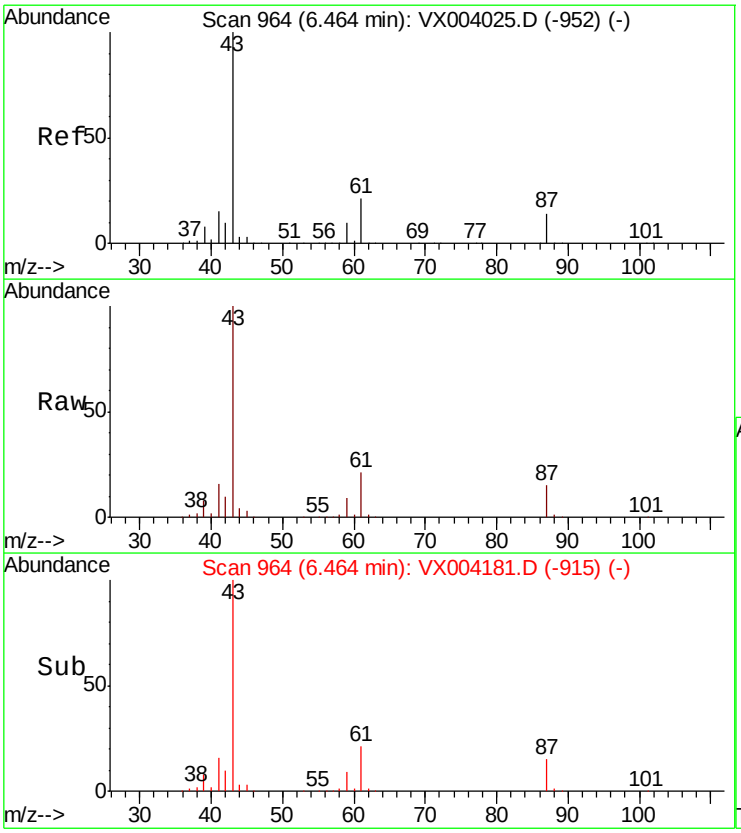
#41
Methacrylonitrile
Concen: 0.32 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.10 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument : MSVOA_X
ClientSampleId : CL-01-082018-B

Tgt Ion: 41 Resp: 1057

Ion	Ratio	Lower	Upper
41	100		
39	61.2	42.7	64.1
67	0.0	58.9	88.3#
52	0.0	22.6	33.8#

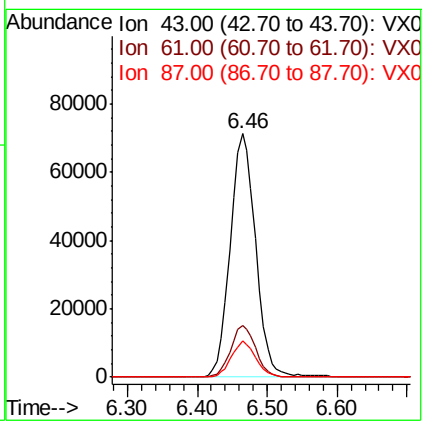


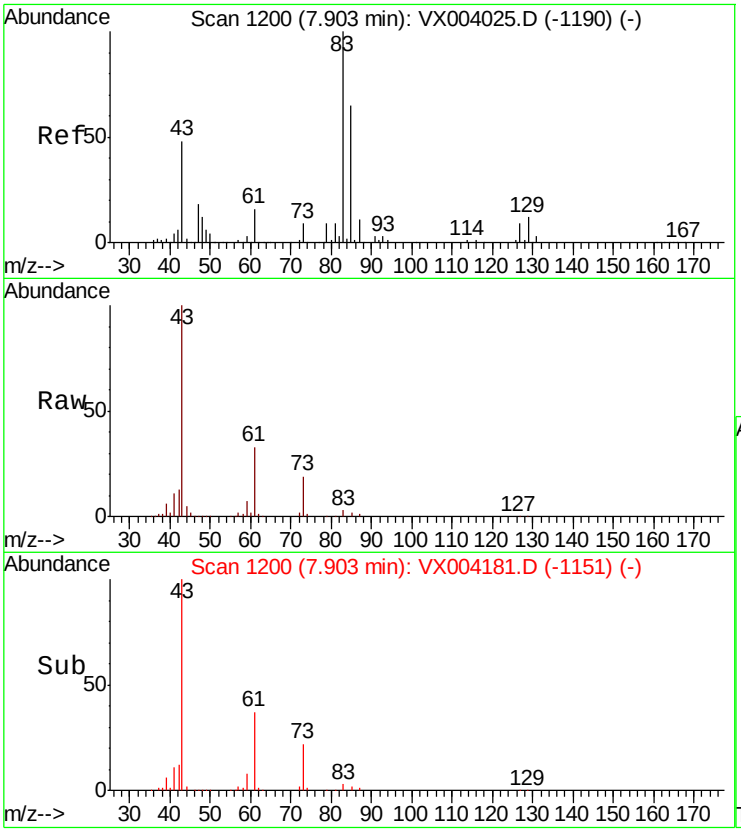


#43
Isopropyl Acetate
Concen: 20.81 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 43 Resp: 180328

Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.9	25.3
87	14.1	11.3	16.9



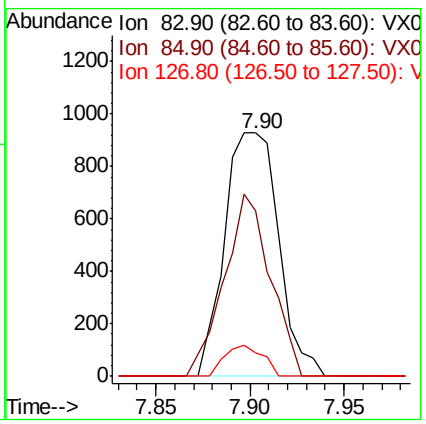


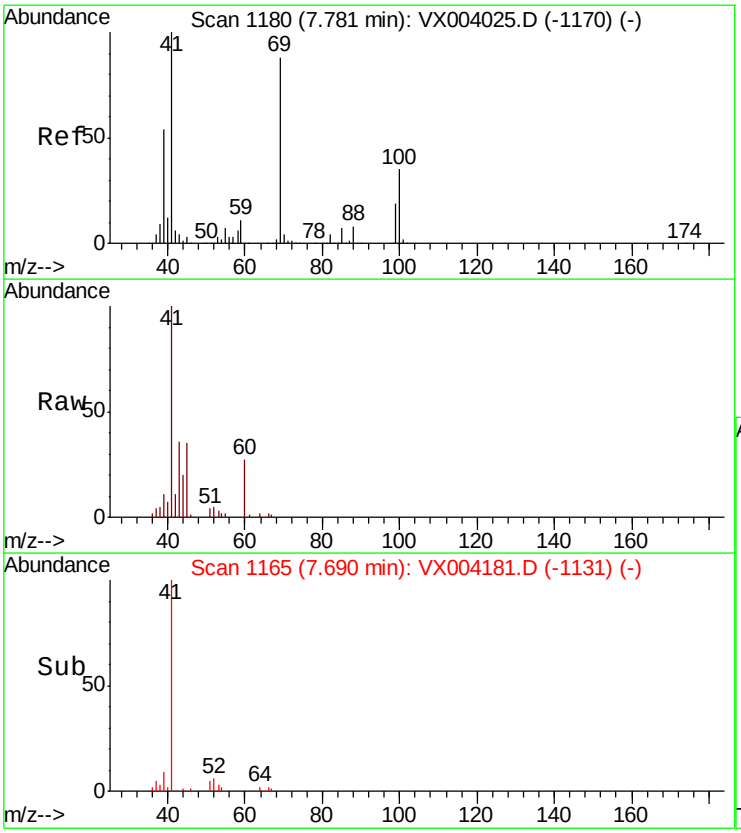
#47
Bromodichloromethane
Concen: 0.36 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 83 Resp: 1845

Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.2	76.8
127	9.8	7.2	10.8

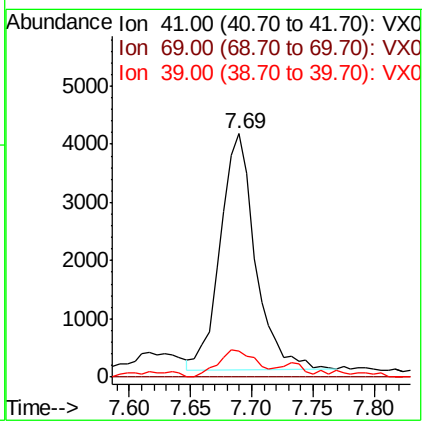


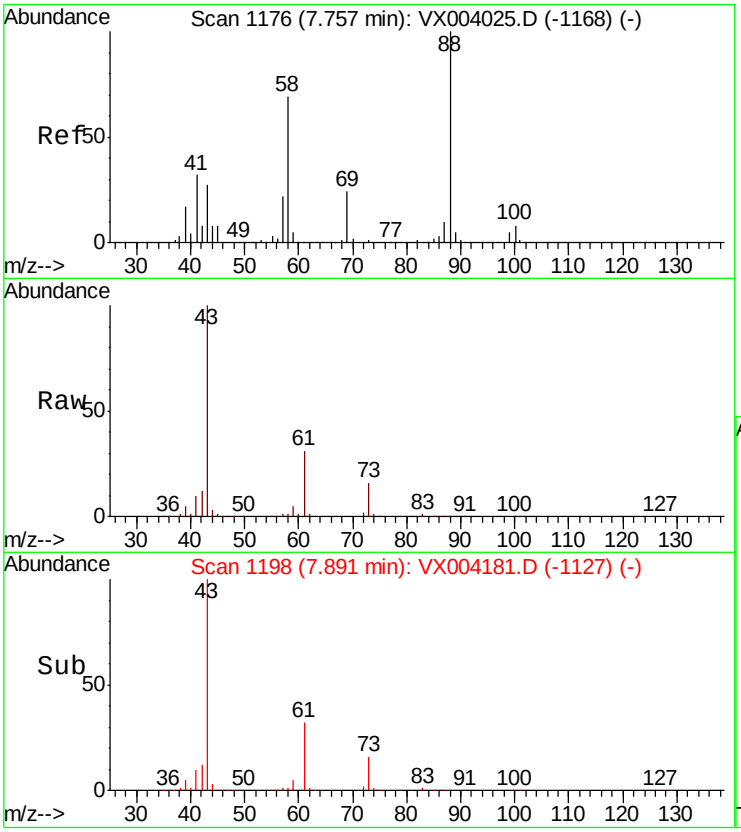


#48
Methyl methacrylate
Concen: 1.84 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 41 Resp: 8012

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.8	103.2#
39	12.5	42.3	63.5#



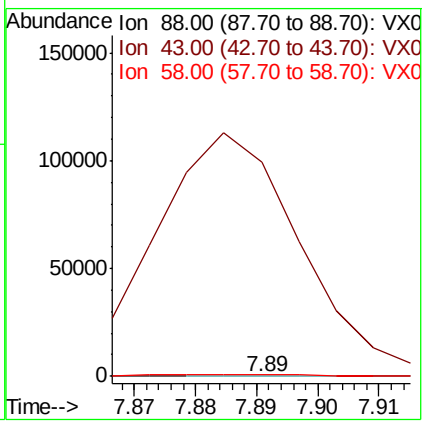


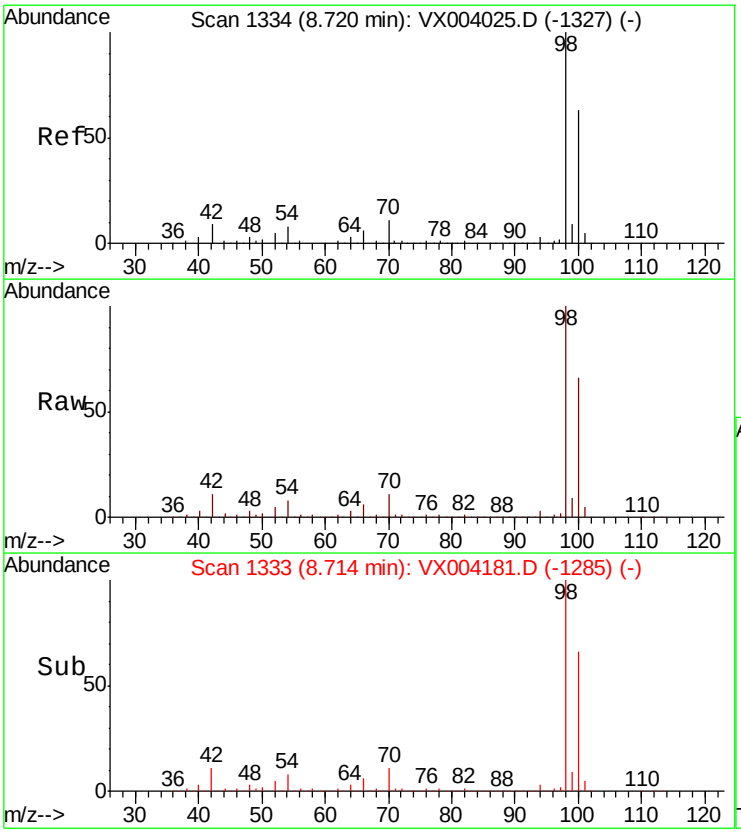
#49
1,4-Dioxane
Concen: 0.23 ug/l
RT: 7.89 min Scan# 1198
Delta R.T. 0.13 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	832056.5	23.8	35.8#
58	7073.9	55.4	83.0#

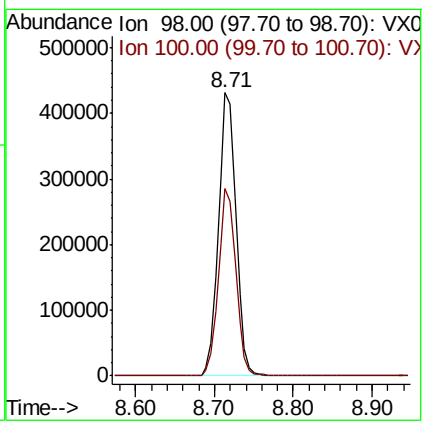


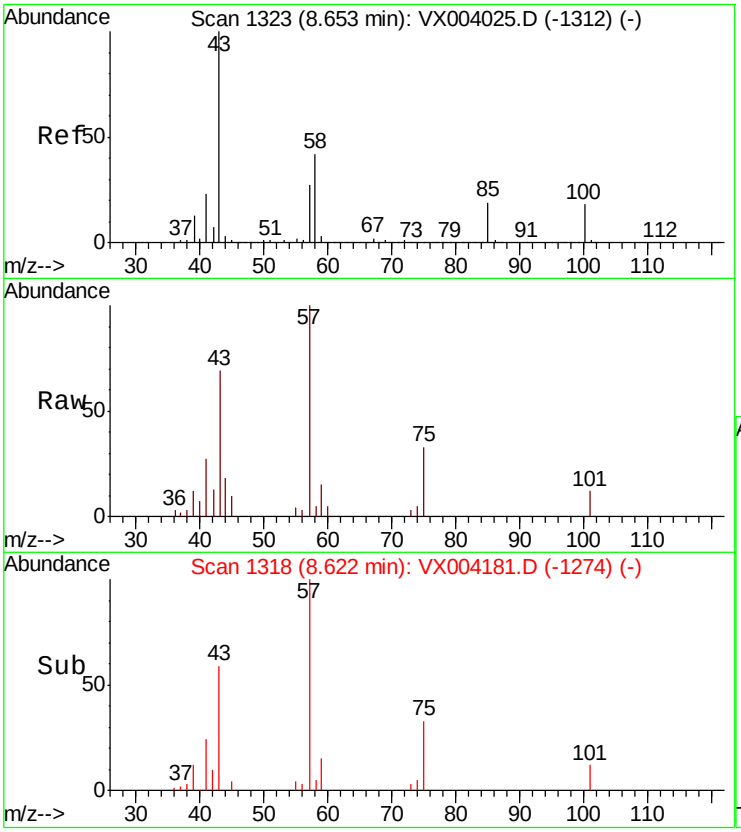


#50
Toluene-d8
Concen: 46.63 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 98 Resp: 671251

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.3	79.9



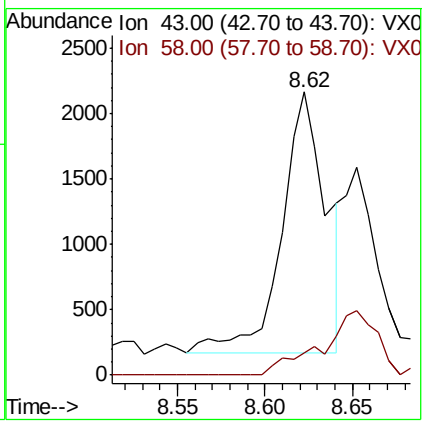


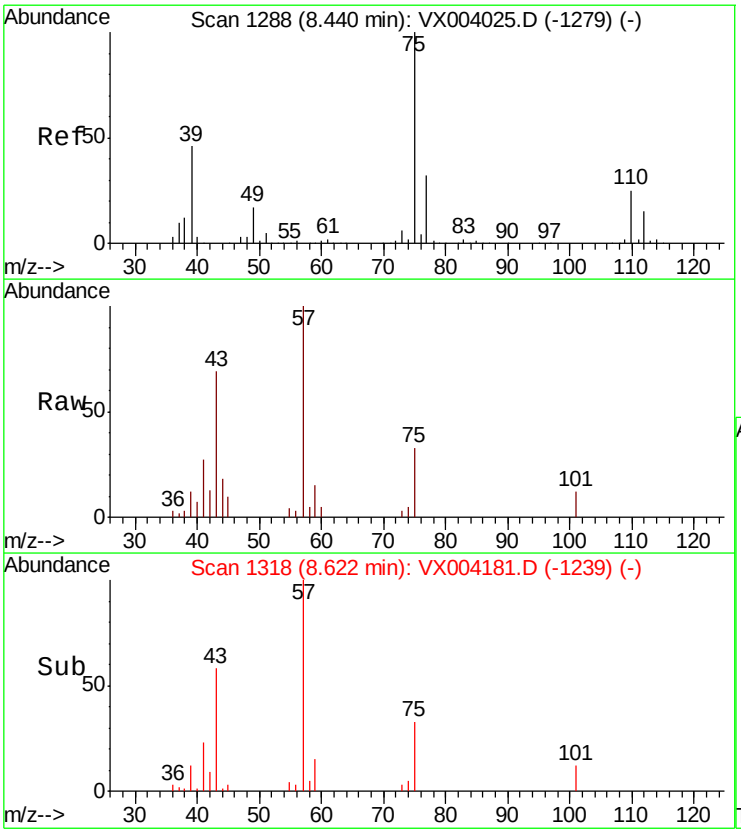
#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.03 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 43 Resp: 3529

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.0	49.6#

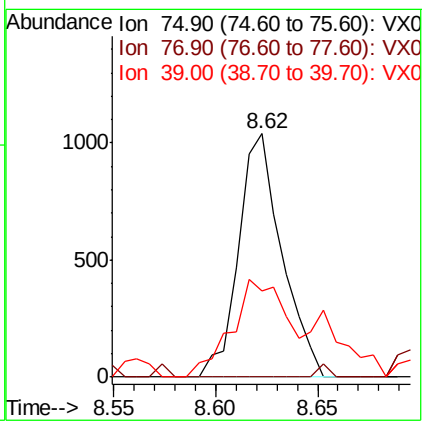


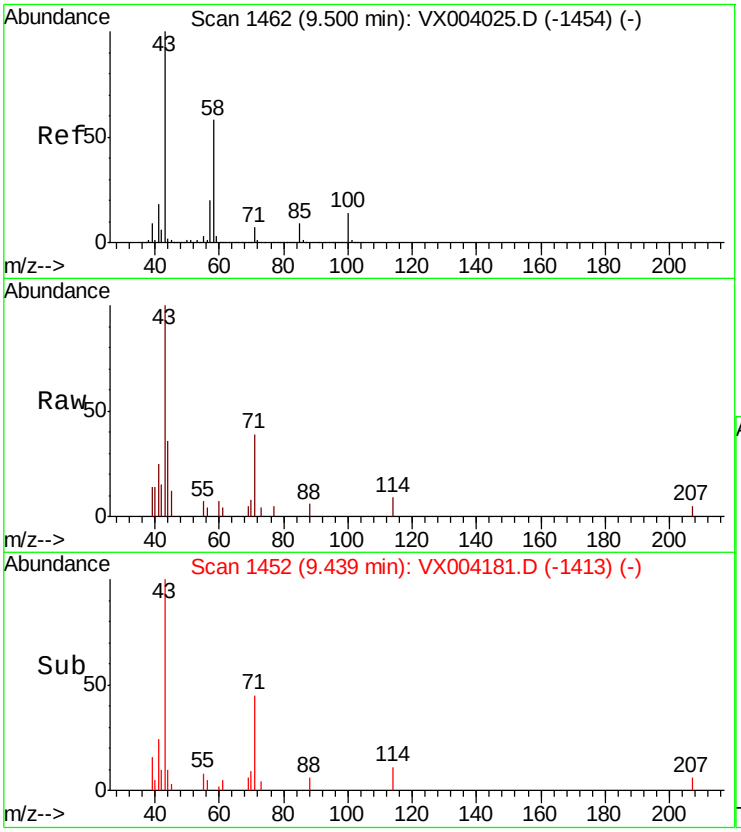


#54
cis-1,3-Dichloropropene
Concen: 0.25 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. 0.18 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 75 Resp: 1531

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	35.5	36.2	54.2#



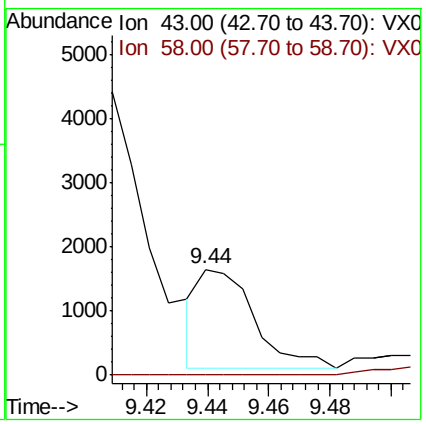


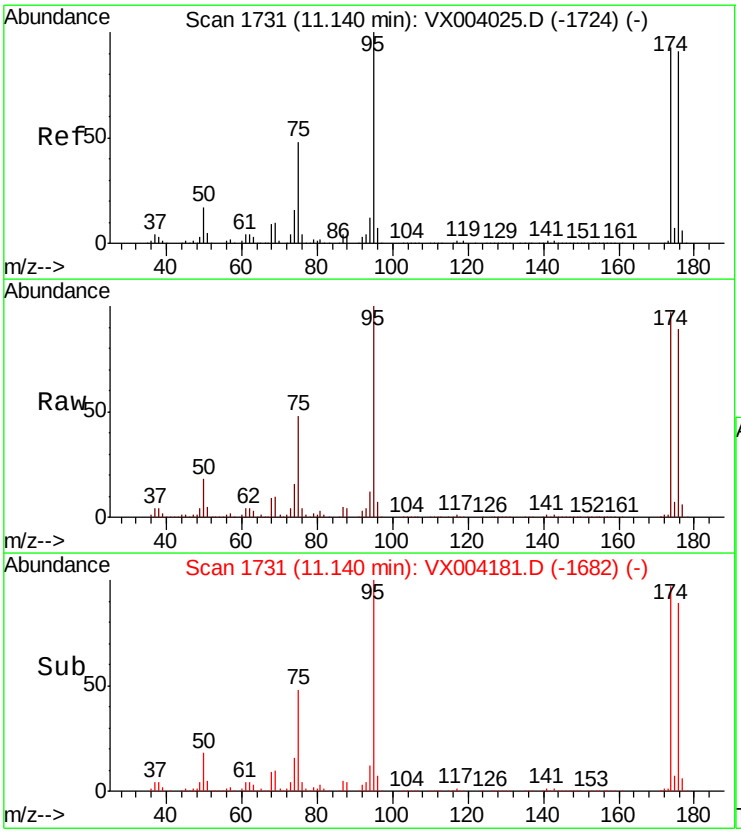
#59
2-Hexanone
Concen: 0.36 ug/l
RT: 9.44 min Scan# 1452
Delta R.T. -0.06 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 43 Resp: 1933

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.0#

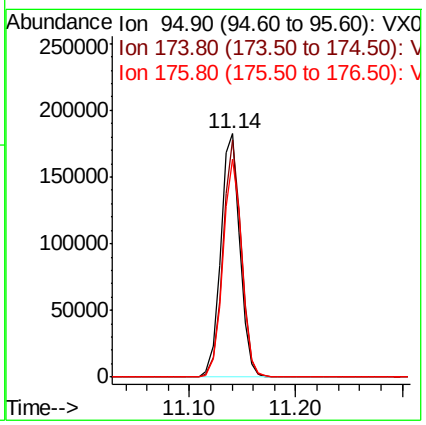


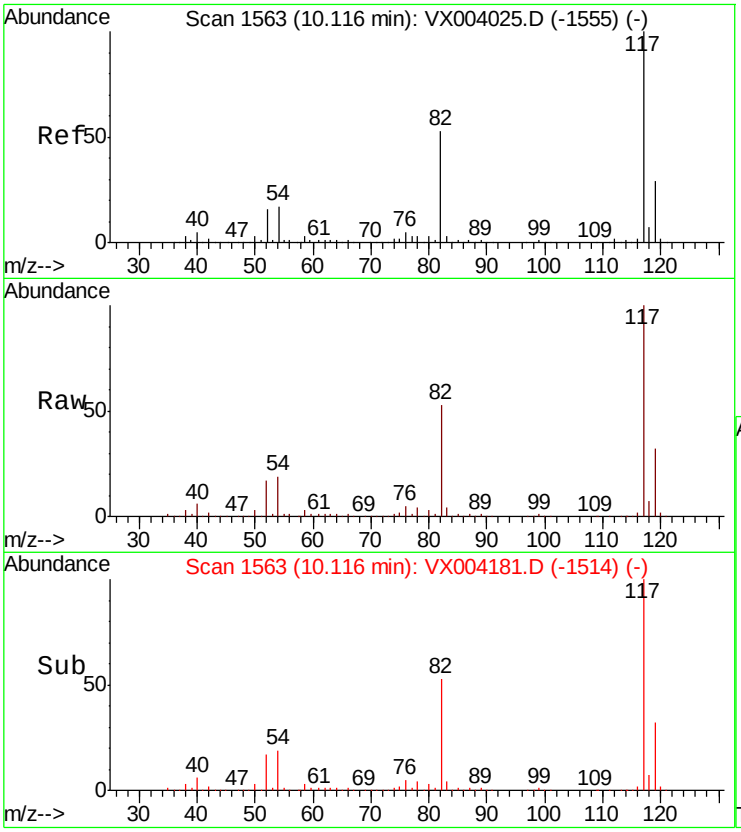


#62
4-Bromofluorobenzene
Concen: 43.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 95 Resp: 229226

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	182.8
176	88.6	0.0	179.0



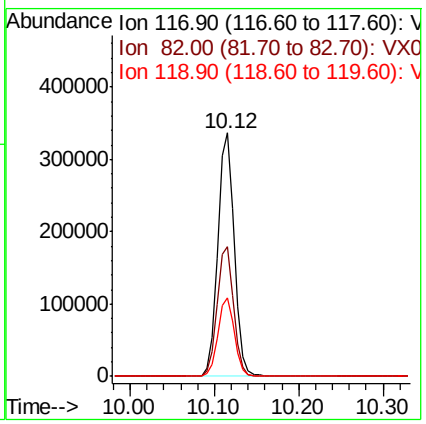


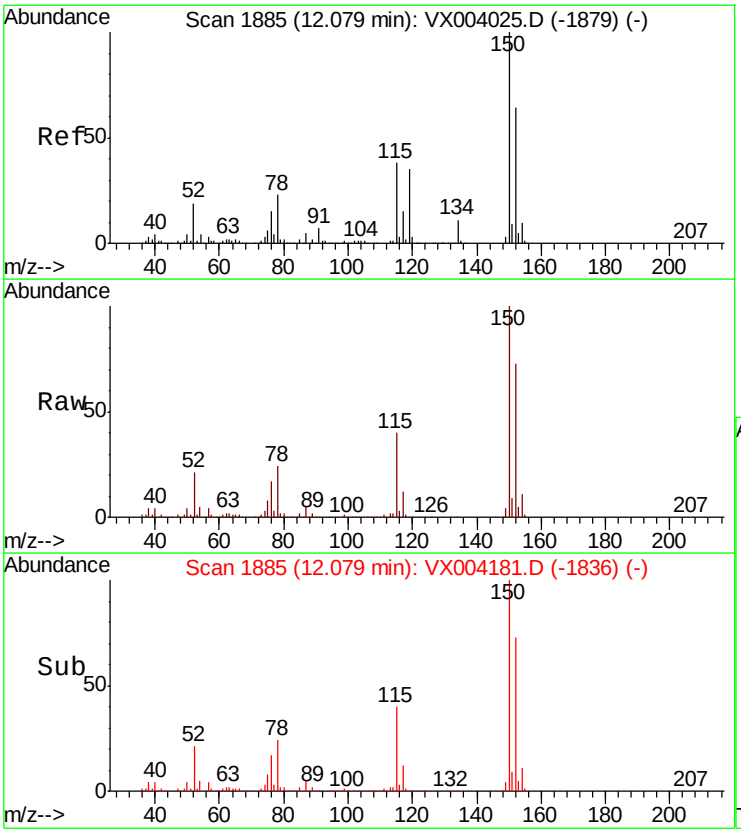
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument : MSVOA_X
ClientSampleId : CL-01-082018-B

Tgt Ion:117 Resp: 455089

Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.4	68.0
119	32.3	26.6	40.0

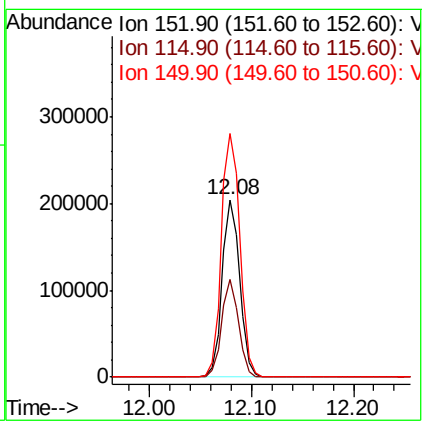


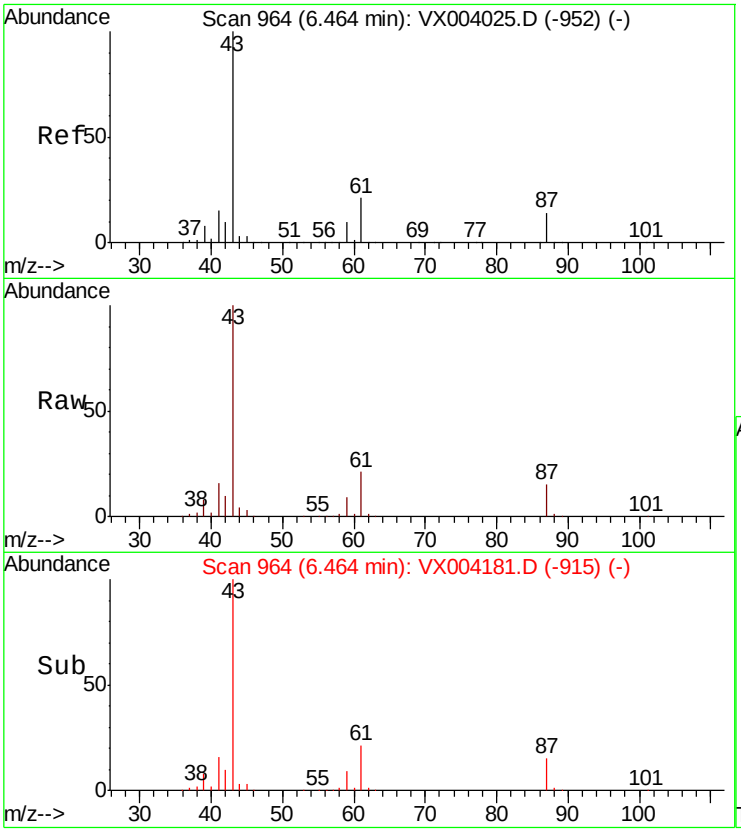


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion:152 Resp: 244867

Ion	Ratio	Lower	Upper
152	100		
115	53.2	39.1	117.3
150	145.0	0.0	349.2



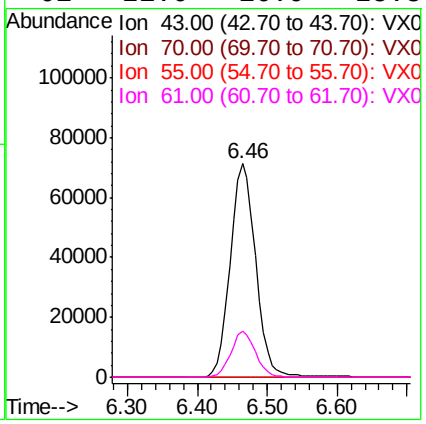


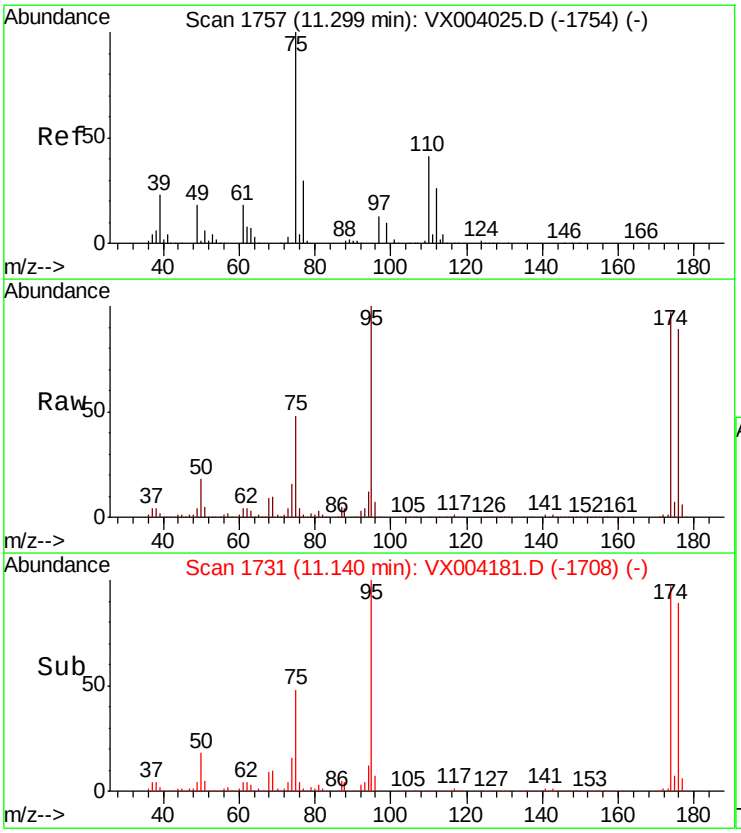
#74
N-amyl acetate
Concen: 23.14 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 43 Resp: 180328

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	21.0	16.9	25.3

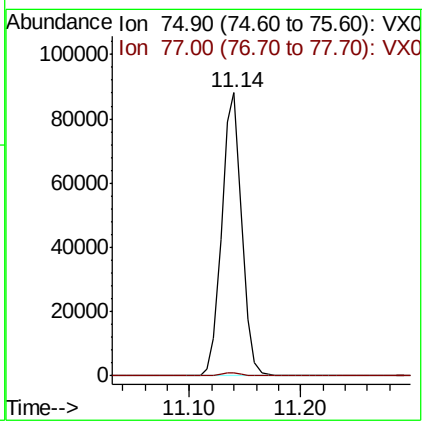


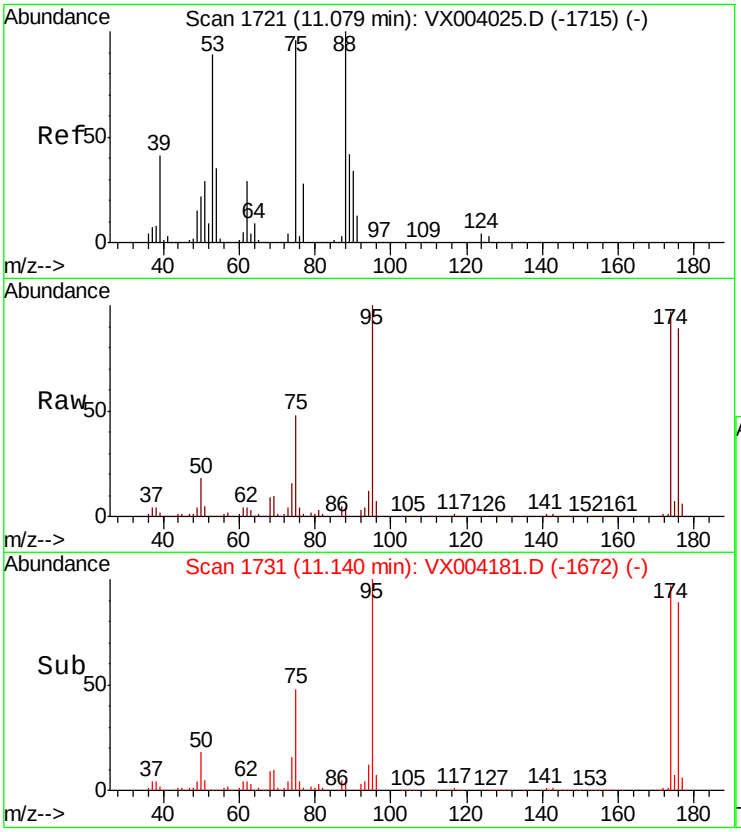


#76
1,2,3-Trichloropropane
Concen: 22.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 75 Resp: 108804

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.5#



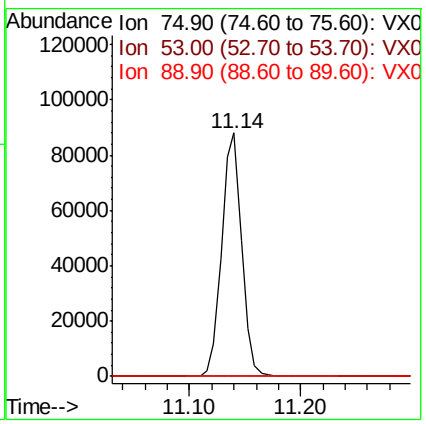


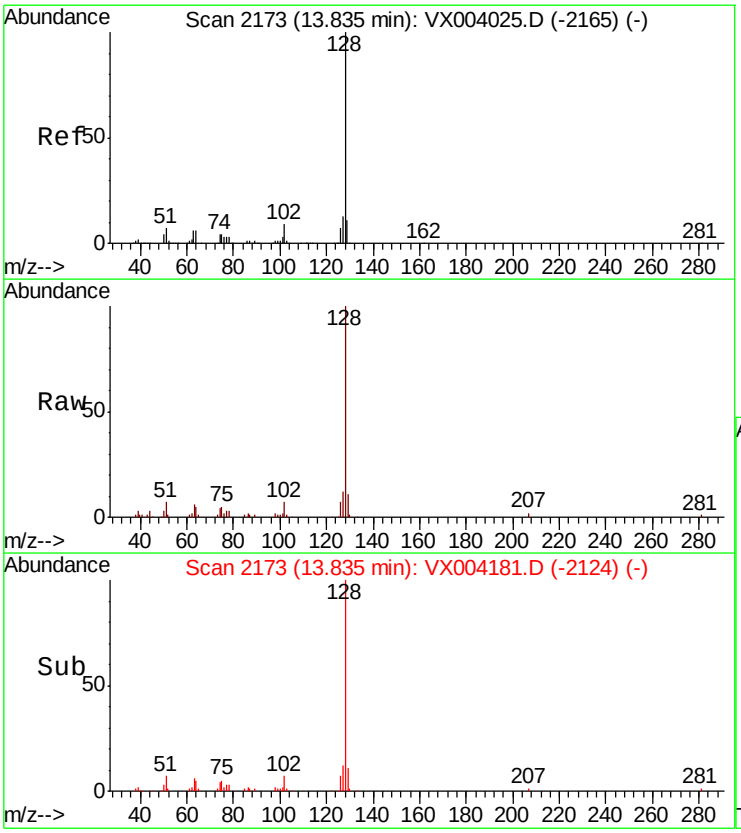
#81
trans-1,4-Dichloro-2-butene
Concen: 68.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-B

Tgt Ion: 75 Resp: 108804

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.3	120.5#
89	0.0	37.8	56.8#





#95
Naphthalene
Concen: 2.21 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion:128 Resp: 18626

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	11.3	8.8	13.2