Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062818\
Data File : VX002995.D
Acq On : 28 Jun 2018 19:40
Operator : JC/MD
Sample : J3717-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : N48966

Quant Time: Jun 29 06:12:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	272662	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	382896	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	357745	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212671	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	181314	48.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.22%				
35) Dibromofluoromethane	5.51	113	147692	48.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.42%				
50) Toluene-d8	8.72	98	534202	48.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.48%				
62) 4-Bromofluorobenzene	11.14	95	198528	46.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	19	Below Cal		#	43
3) Chloromethane	1.32	50	669	Below Cal			97
5) Bromomethane	1.65	94	2141	Below Cal			85
6) Chloroethane	1.61	64	1434	Below Cal		#	74
10) Methyl Iodide	2.51	142	2398	6.91	ug/l	#	92
11) Tert butyl alcohol	3.07	59	8722	11.62	ug/l	#	89
13) Acrolein	2.30	56	173	4.64	ug/l	#	1
16) Acetone	2.45	43	34428	22.06	ug/l		100
17) Carbon Disulfide	2.57	76	1577	0.22	ug/l	#	94
20) Methylene Chloride	2.86	84	1264	0.42	ug/l	#	82
25) 2-Butanone	4.71	43	7621	3.29	ug/l		97
29) Tetrahydrofuran	5.17	42	1509	1.02	ug/l	#	36
36) 1,1-Dichloropropene	5.67	75	18054	4.30	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	24910	5.41	ug/l	#	16
48) Methyl methacrylate	7.78	41	1157	0.30	ug/l	#	38
49) 1,4-Dioxane	7.76	88	63	0.83	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.66	43	996	0.21	ug/l	#	70
59) 2-Hexanone	9.52	43	921	0.26	ug/l		88
68) m/p-Xylenes	10.36	106	1276	0.22	ug/l		87
76) 1,2,3-Trichloropropane	11.14	75	103161	26.78	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	103161	75.84	ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.81	105	3239	0.26	ug/l		82
86) p-Isopropyltoluene	12.07	119	9108	0.70	ug/l	#	81
95) Naphthalene	13.84	128	4063	0.28	ug/l	#	85

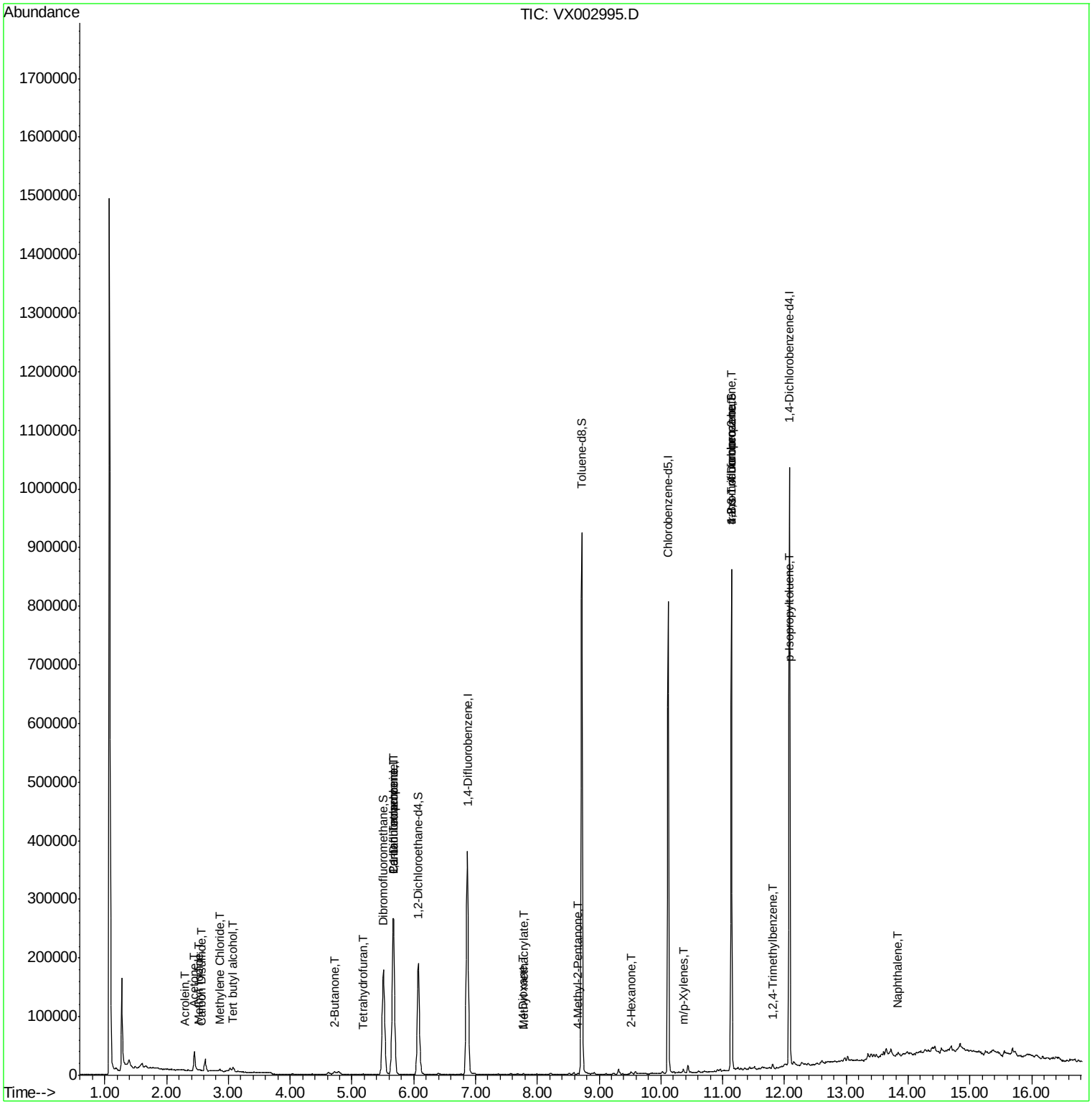
(#) = qualifier out of range (m) = manual integration (+) = signals summed

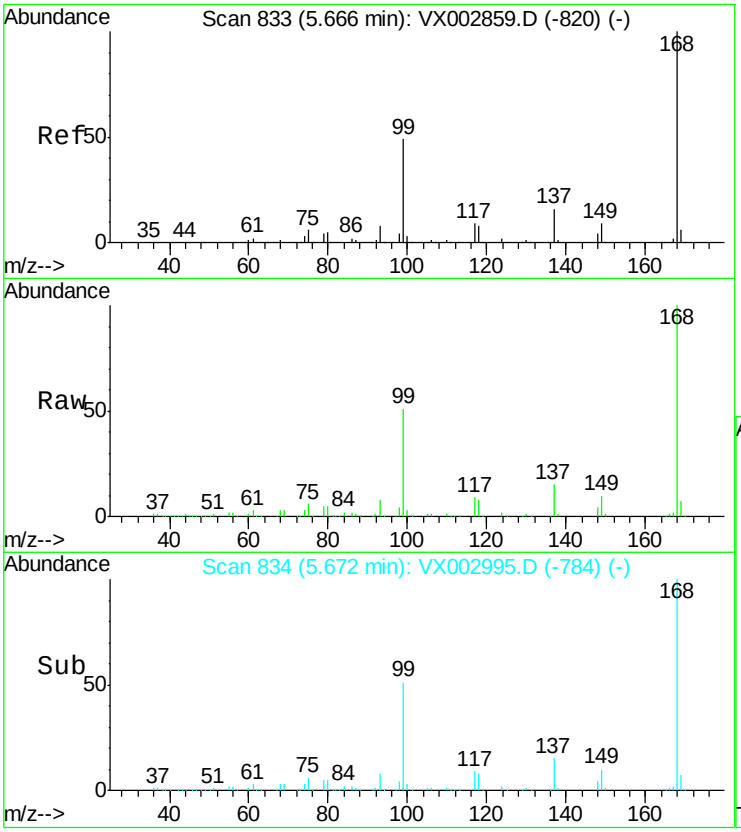
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002995.D
Acq On : 28 Jun 2018 19:40
Operator : JC/MD
Sample : J3717-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
N48966

Quant Time: Jun 29 06:12:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



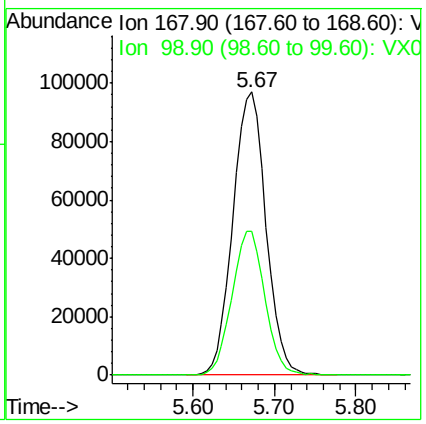


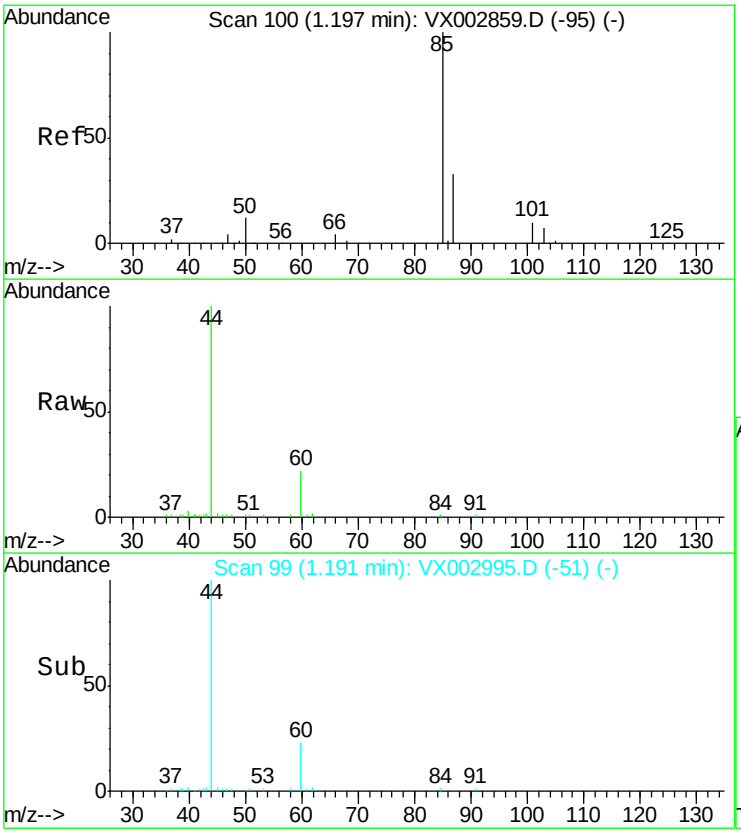
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion:168 Resp: 272662

Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.3	58.9

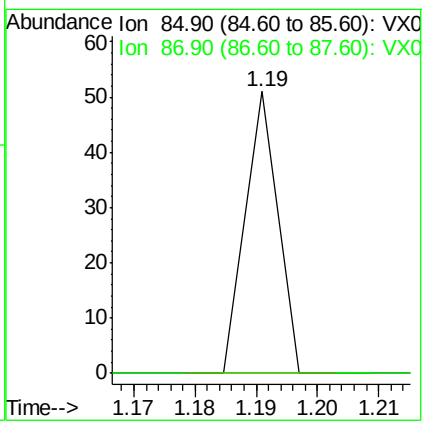


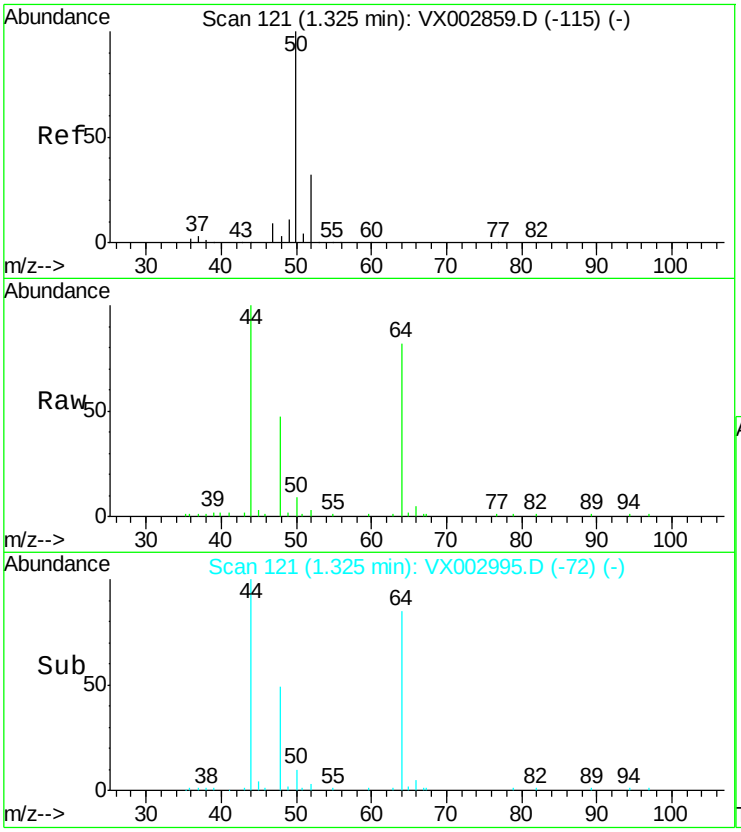


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 85 Resp: 19

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



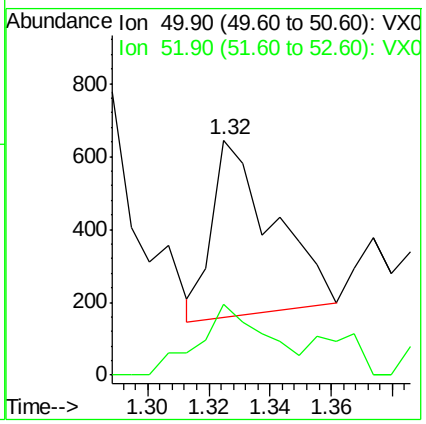


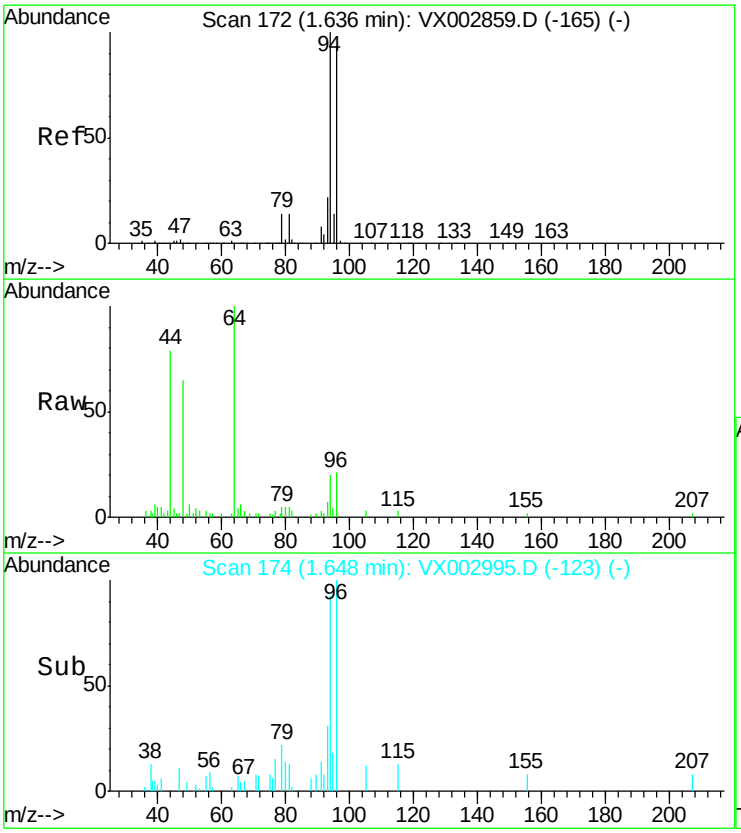
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion: 50 Resp: 669

Ion	Ratio	Lower	Upper
50	100		
52	30.3	25.7	38.5

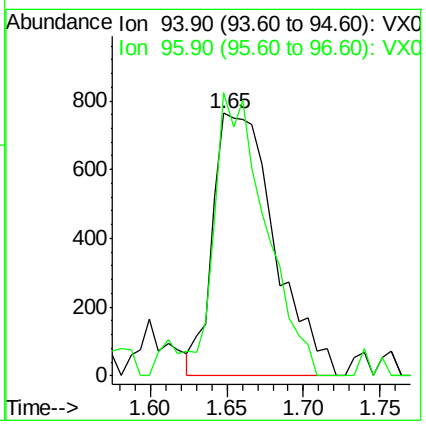


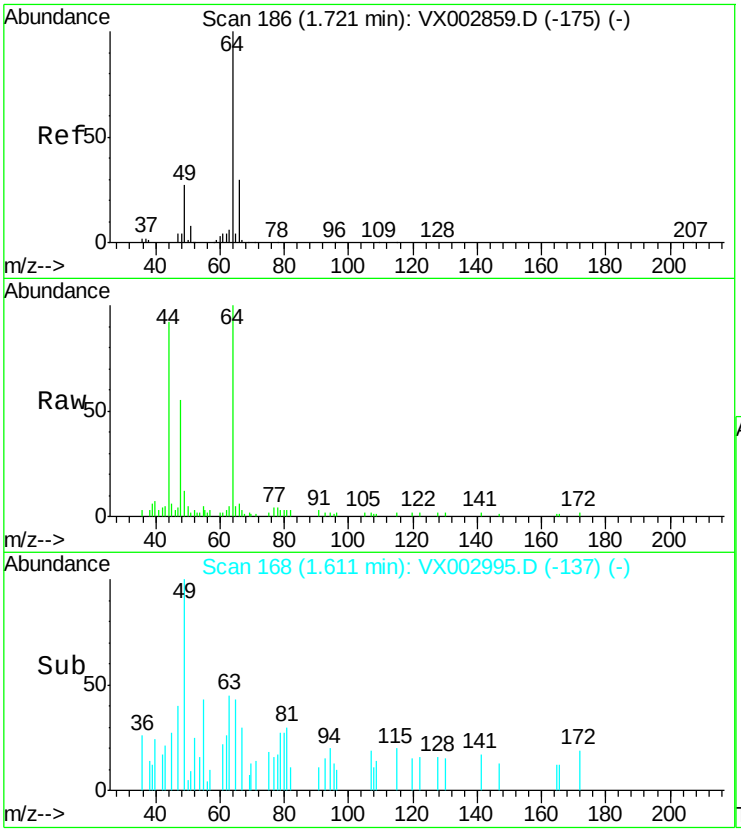


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 94 Resp: 2141

Ion	Ratio	Lower	Upper
94	100		
96	107.9	74.9	112.3



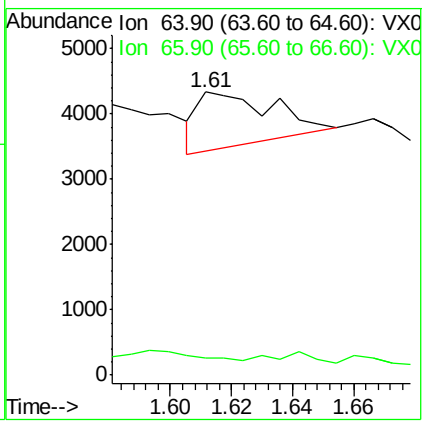


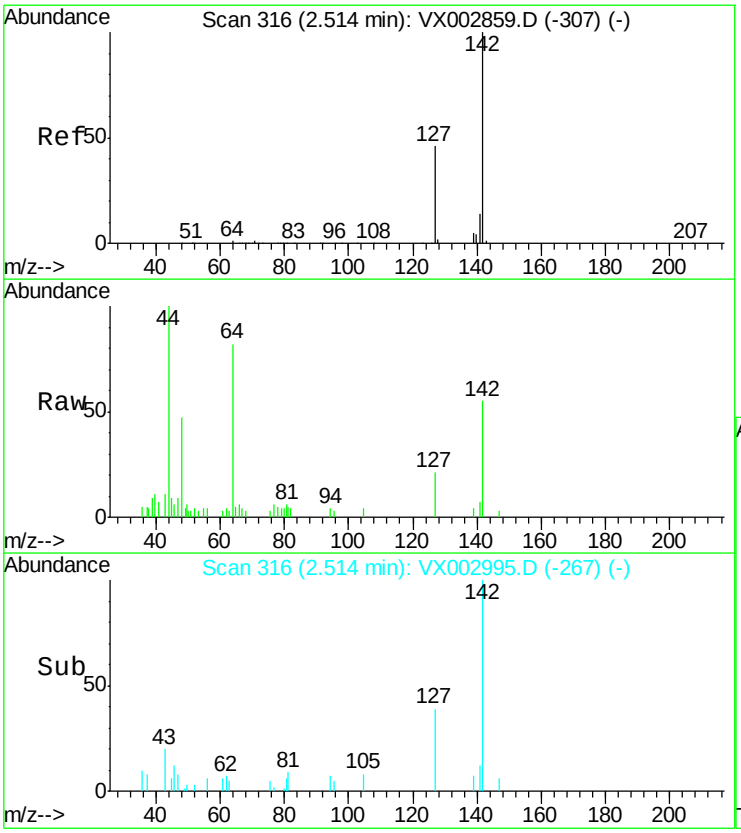
#6
Chloroethane
Concen: Below Cal
RT: 1.61 min Scan# 168
Delta R.T. -0.11 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument : MSVOA_X
ClientSampleId : N48966

Tgt Ion: 64 Resp: 1434

Ion	Ratio	Lower	Upper
64	100		
66	17.6	25.5	38.3#

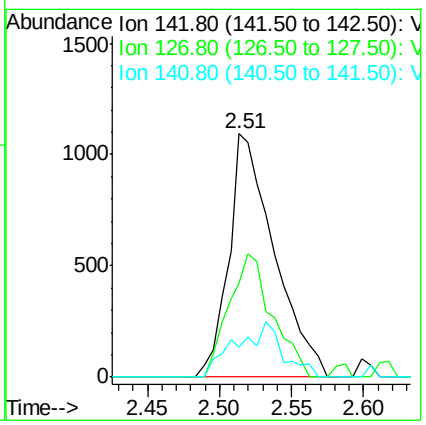


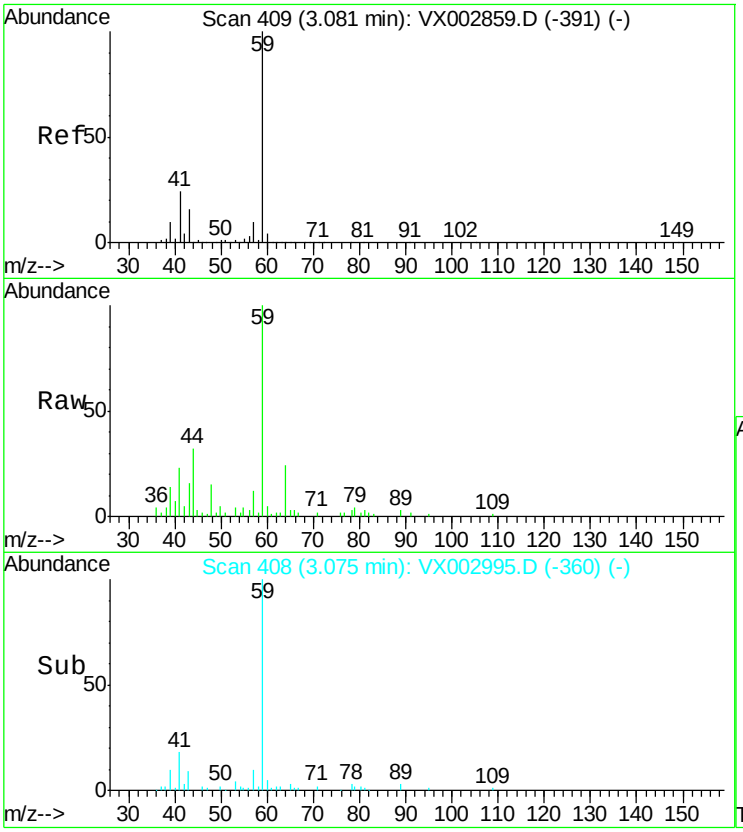


#10
Methyl Iodide
Concen: 6.91 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion:142 Resp: 2398

Ion	Ratio	Lower	Upper
142	100		
127	48.4	36.6	55.0
141	23.0	11.3	16.9#



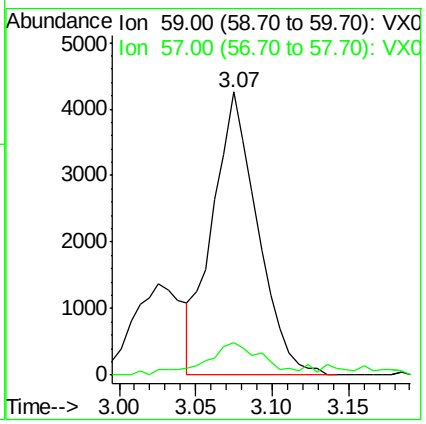


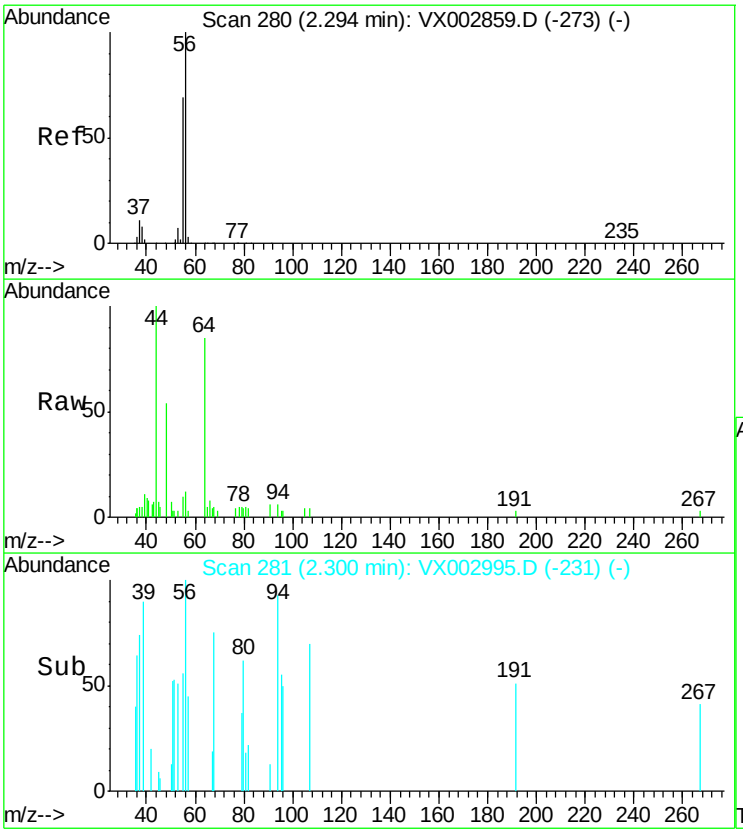
#11
Tert butyl alcohol
Concen: 11.62 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion: 59 Resp: 8722

Ion	Ratio	Lower	Upper
59	100		
57	14.4	8.2	12.2#

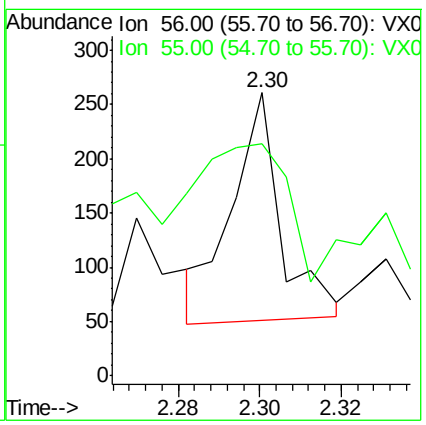


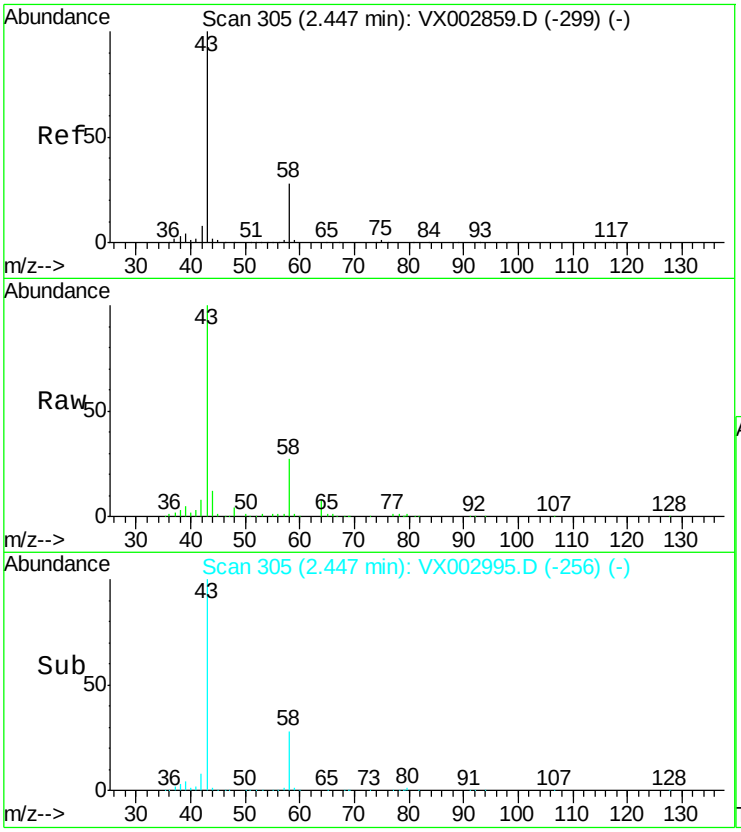


#13
Acrolein
Concen: 4.64 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 56 Resp: 173

Ion	Ratio	Lower	Upper
56	100		
55	222.0	57.0	85.4#



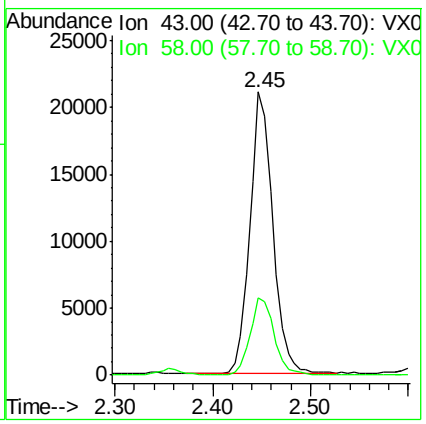


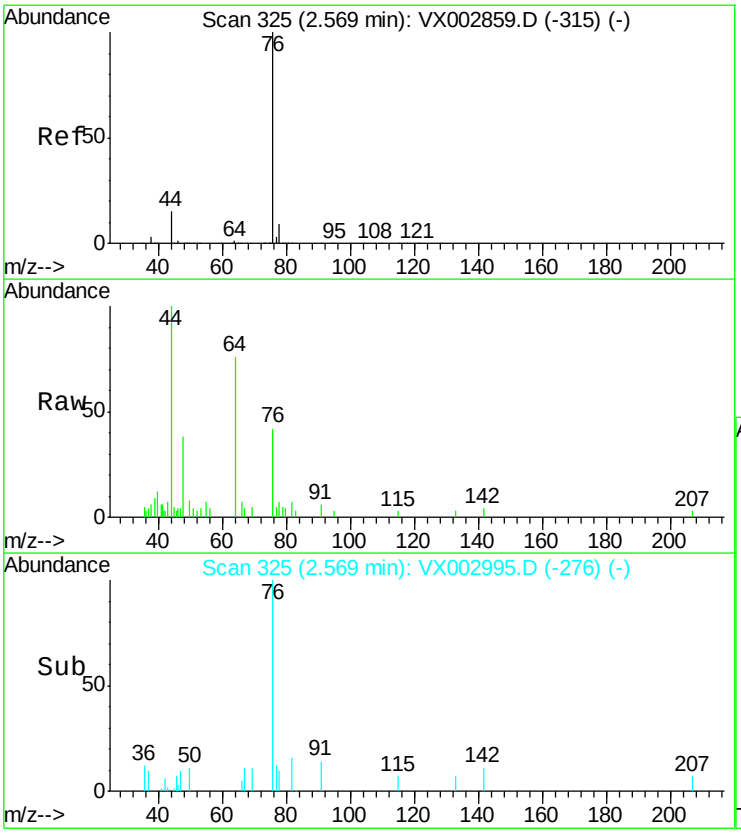
#16
Acetone
Concen: 22.06 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion: 43 Resp: 34428

Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1

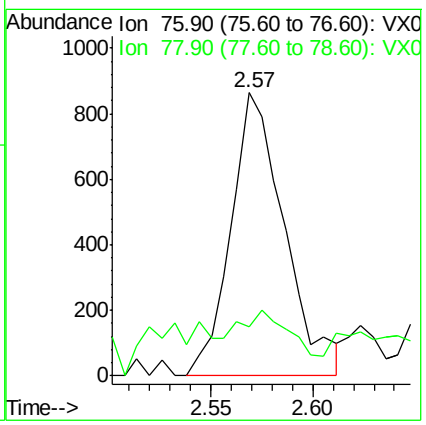


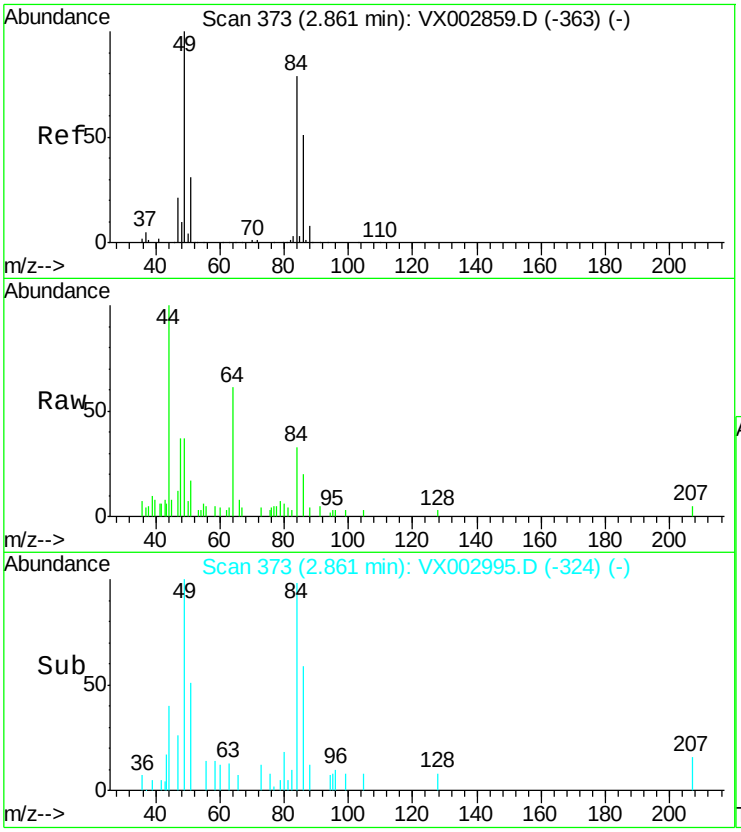


#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 76 Resp: 1577

Ion	Ratio	Lower	Upper
76	100		
78	6.5	6.9	10.3#



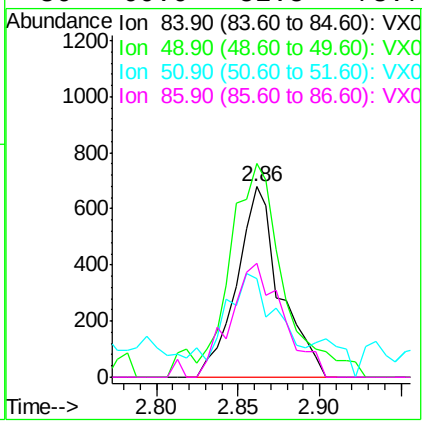


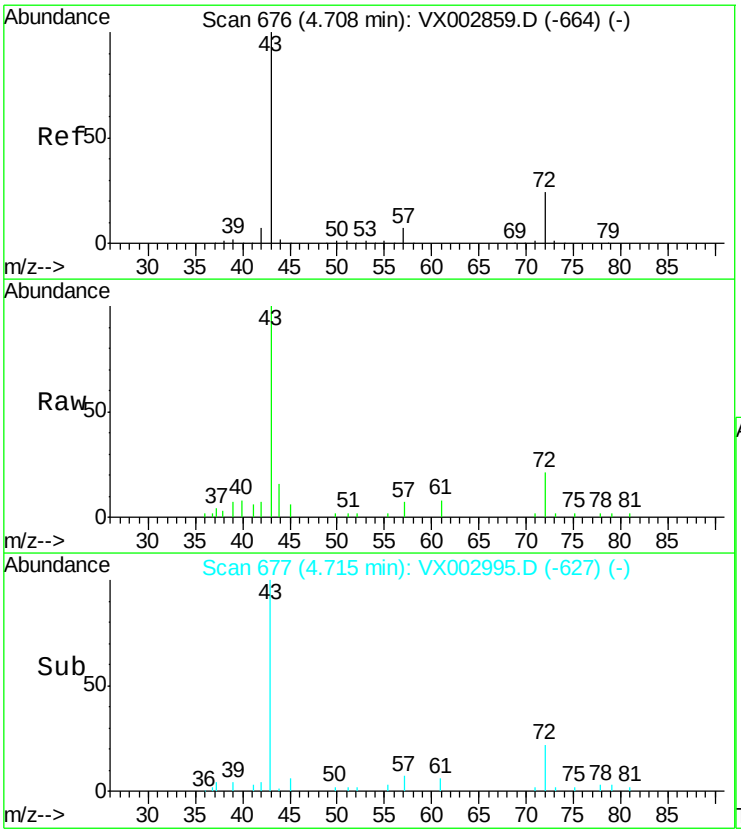
#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument : MSVOA_X
ClientSampleId : N48966

Tgt Ion: 84 Resp: 1264

Ion	Ratio	Lower	Upper
84	100		
49	103.7	107.8	161.6#
51	36.0	32.8	49.2
86	60.0	52.5	78.7

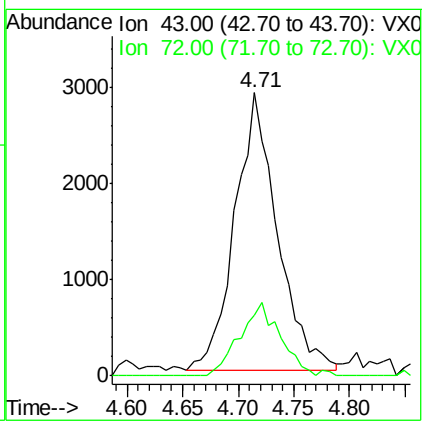


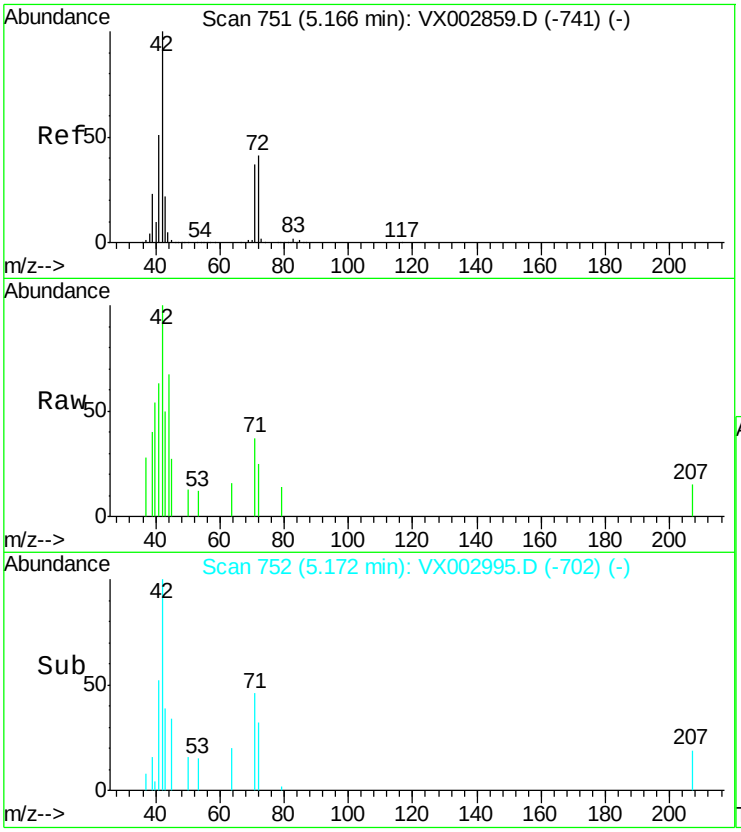


#25
2-Butanone
Concen: 3.29 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 43 Resp: 7621

Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.5	27.7



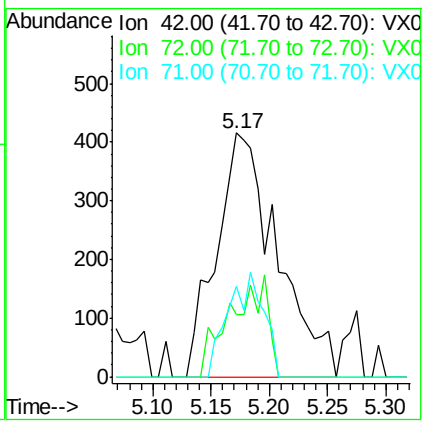


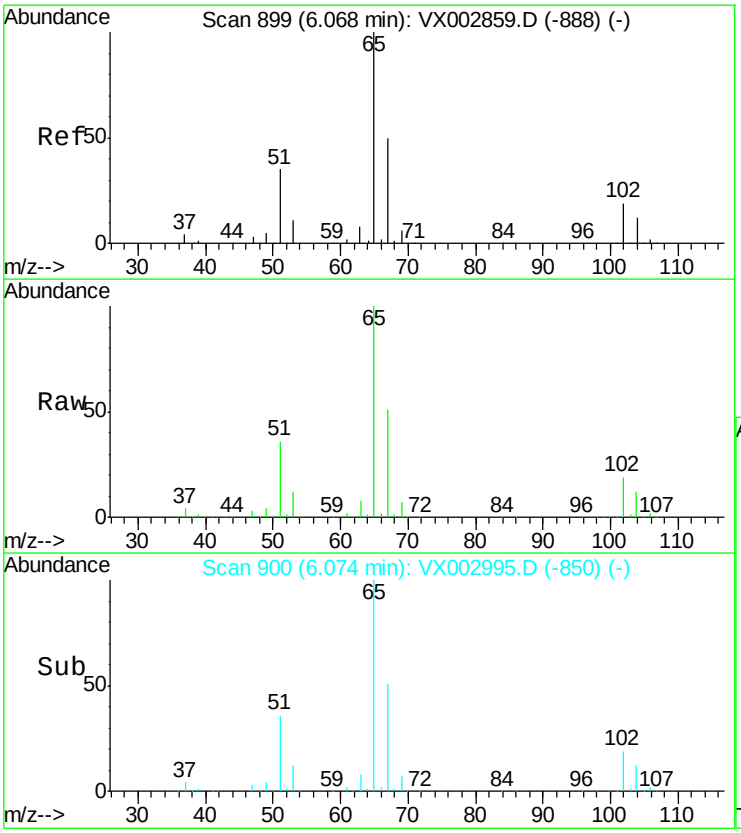
#29
Tetrahydrofuran
Concen: 1.02 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion: 42 Resp: 1509

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.1	45.1#

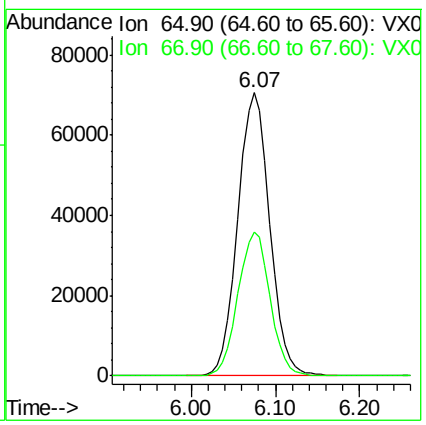


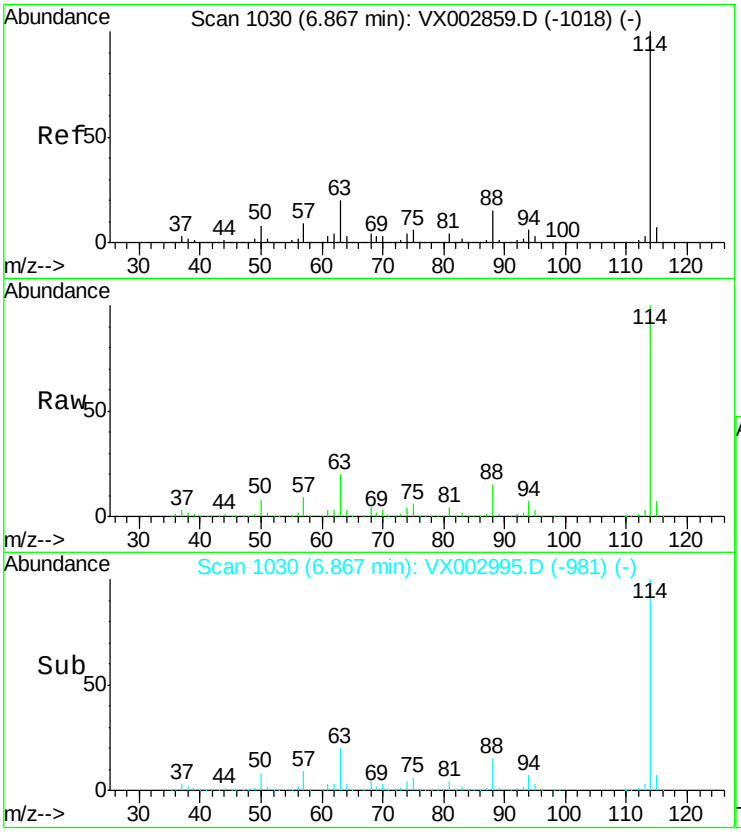


#33
1,2-Dichloroethane-d4
Concen: 48.11 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 65 Resp: 181314

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6



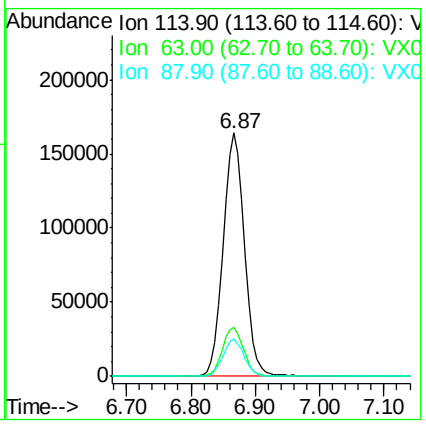


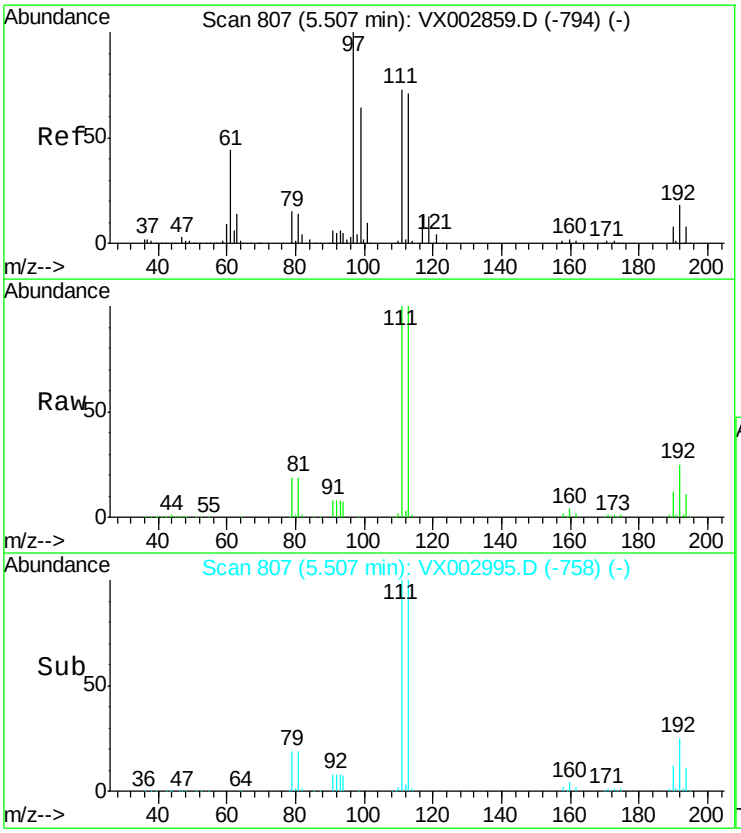
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion:114 Resp: 382896

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.4	0.0	30.0

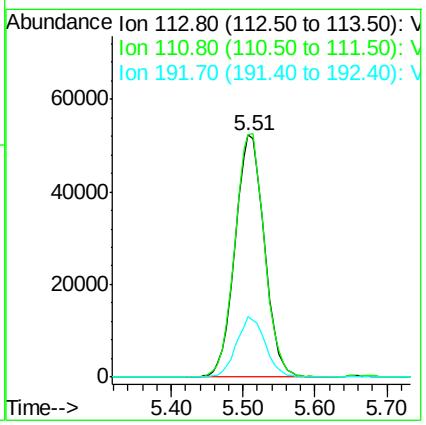


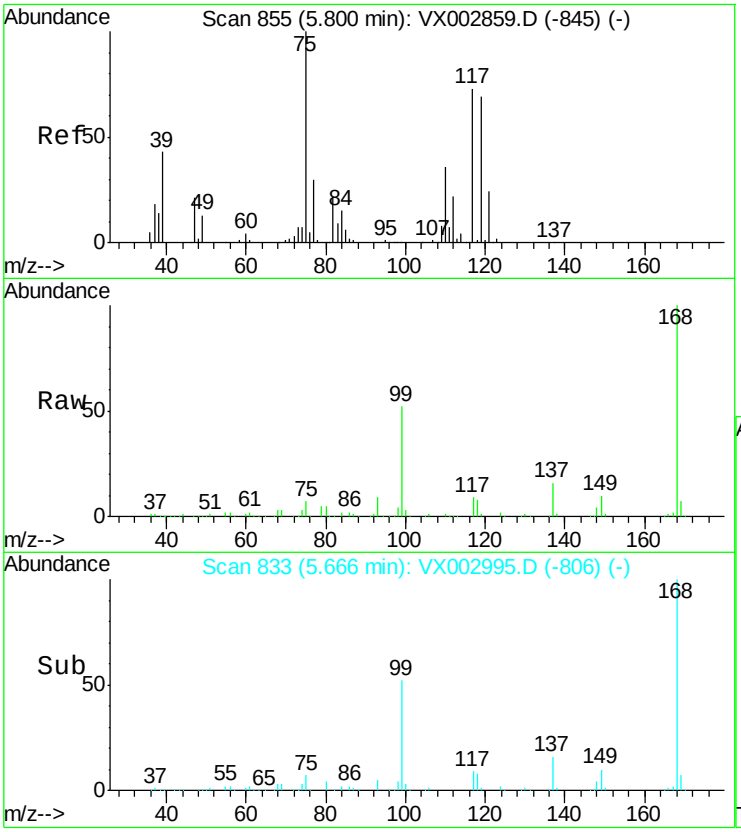


#35
Dibromofluoromethane
Concen: 48.71 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion:113 Resp: 147692

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.4	122.0
192	24.2	19.1	28.7



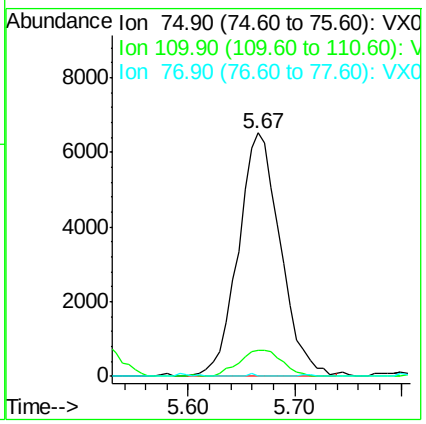


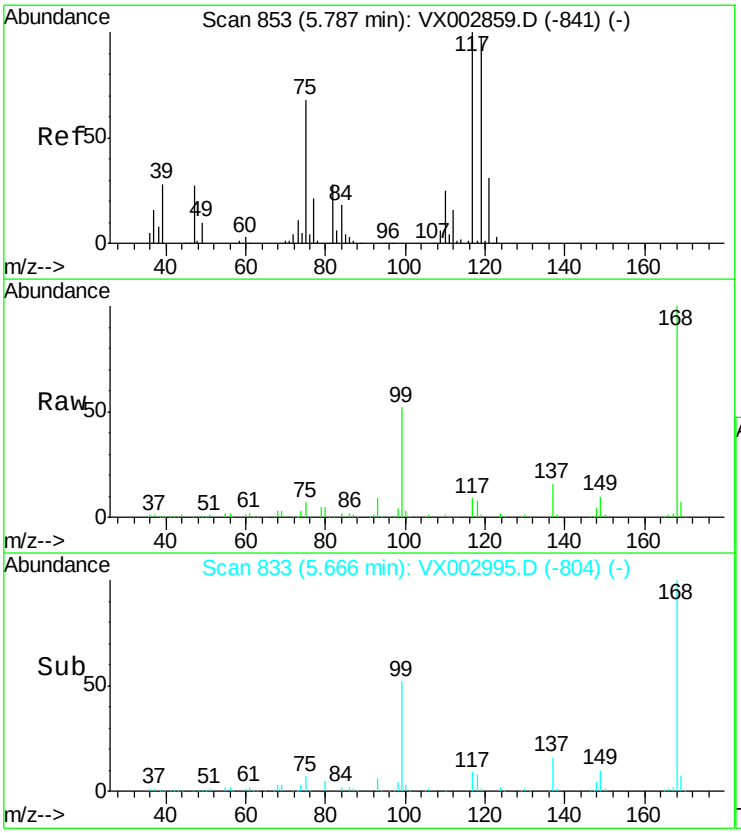
#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion: 75 Resp: 18054

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.4#
77	0.1	24.3	36.5#

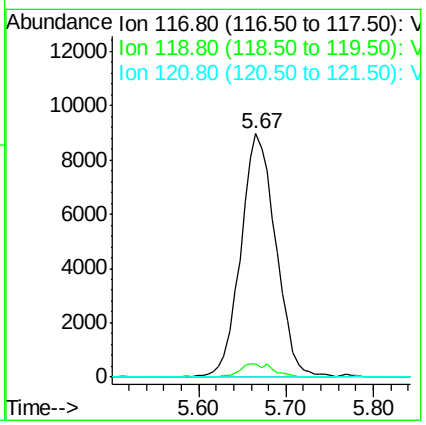


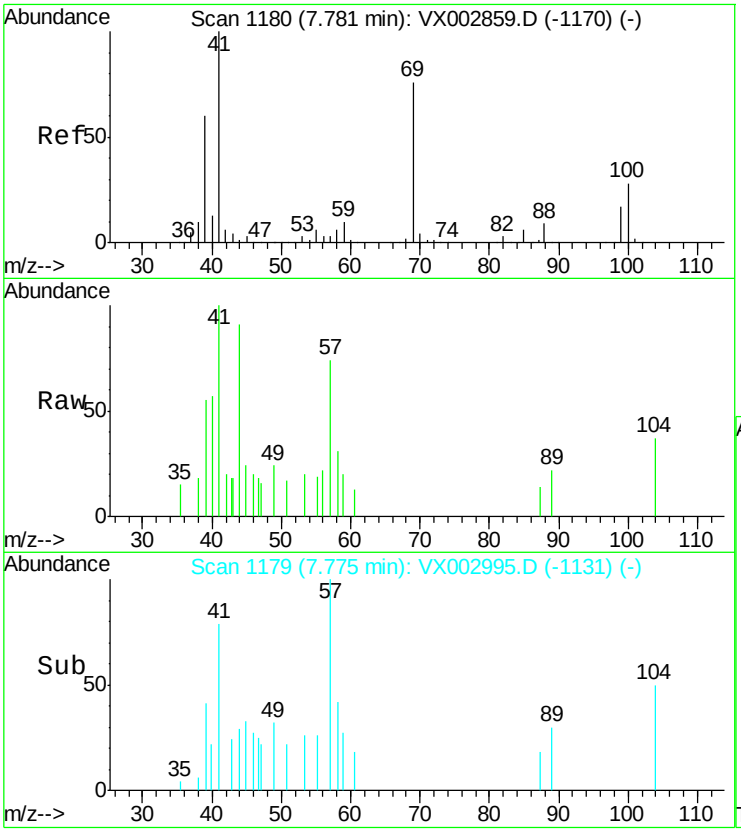


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion:117 Resp: 24910

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#



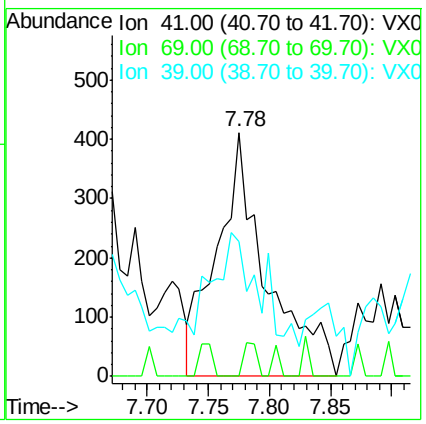


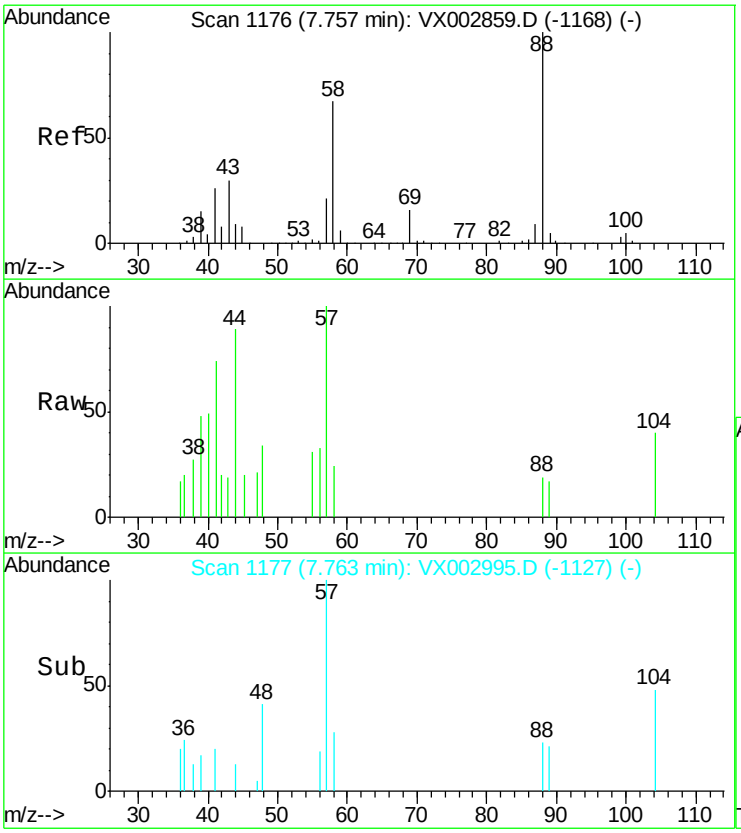
#48
Methyl methacrylate
Concen: 0.30 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument : MSVOA_X
ClientSampleId : N48966

Tgt Ion: 41 Resp: 1157

Ion	Ratio	Lower	Upper
41	100		
69	3.5	59.1	88.7#
39	34.1	48.9	73.3#

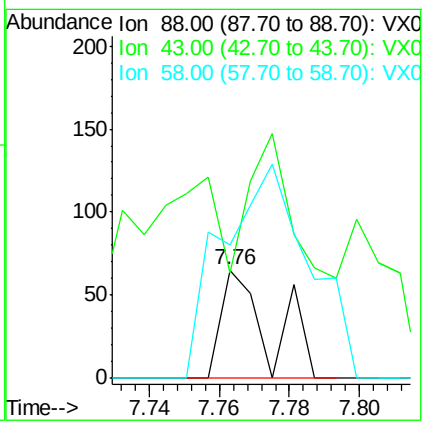


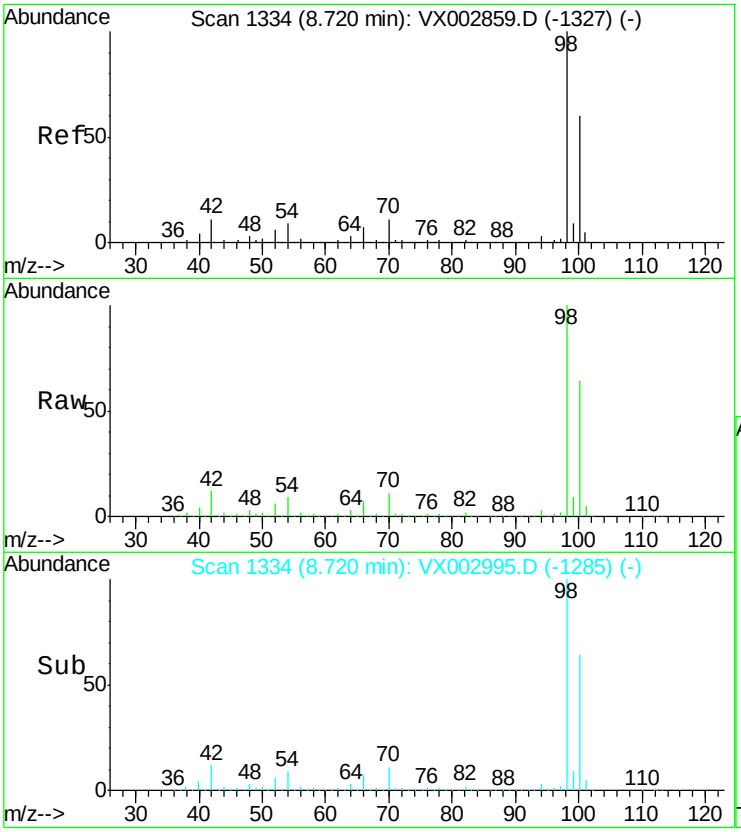


#49
1,4-Dioxane
Concen: 0.83 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	152.4	29.8	44.6#
58	0.0	57.1	85.7#



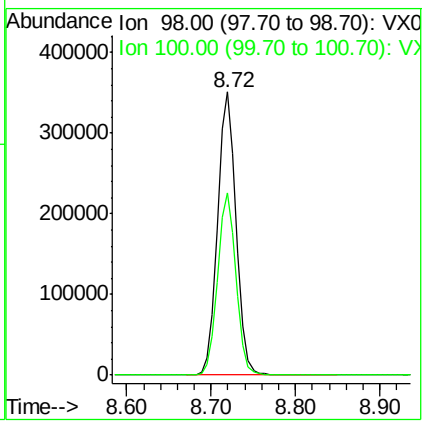


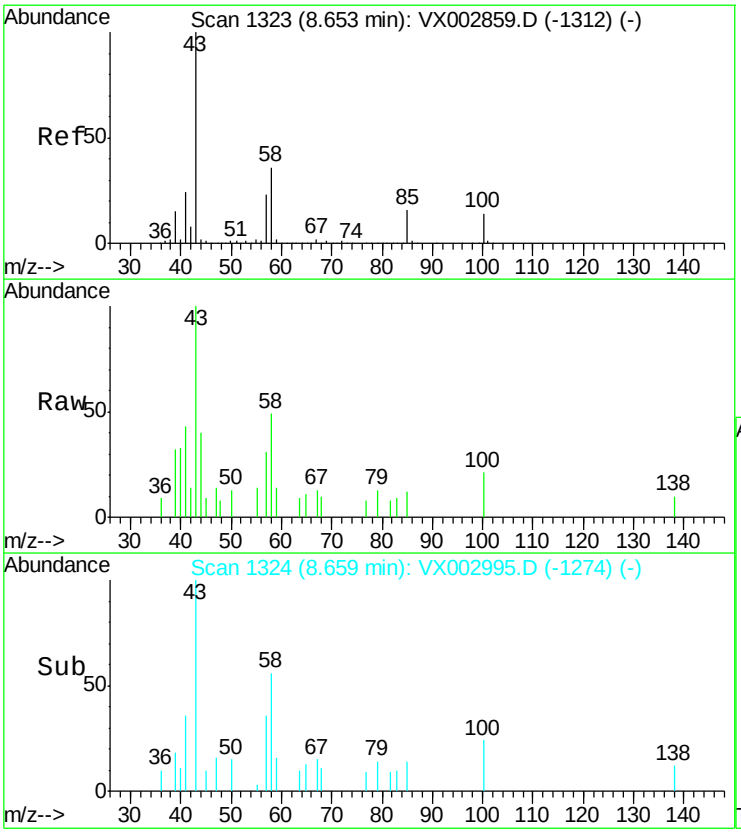
#50
Toluene-d8
Concen: 48.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument : MSVOA_X
ClientSampleId : N48966

Tgt Ion: 98 Resp: 534202

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

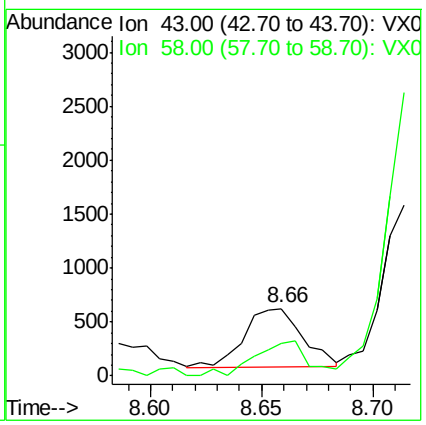


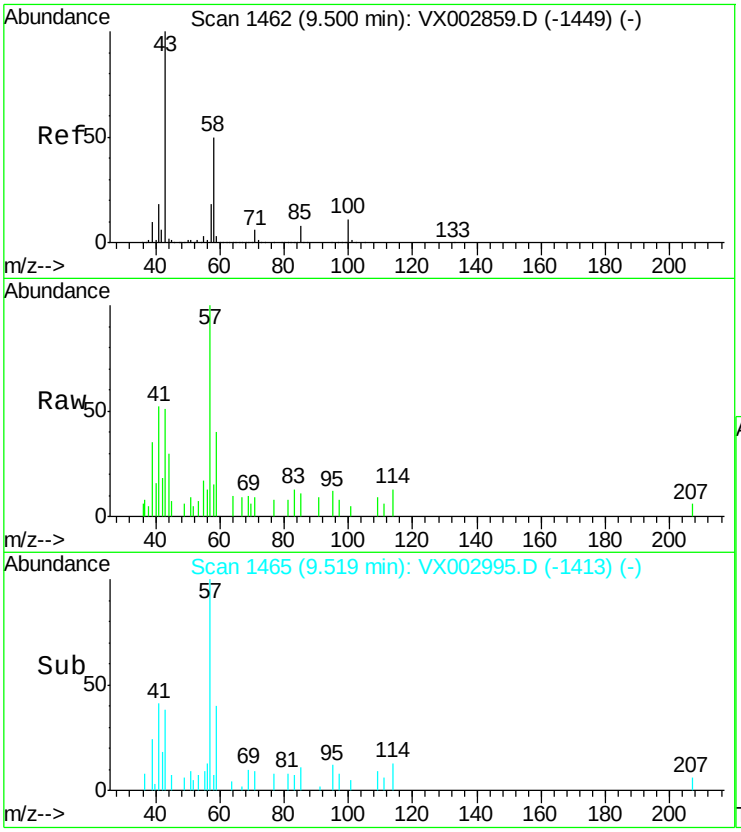


#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 43 Resp: 996

Ion	Ratio	Lower	Upper
43	100		
58	53.4	28.6	42.8#



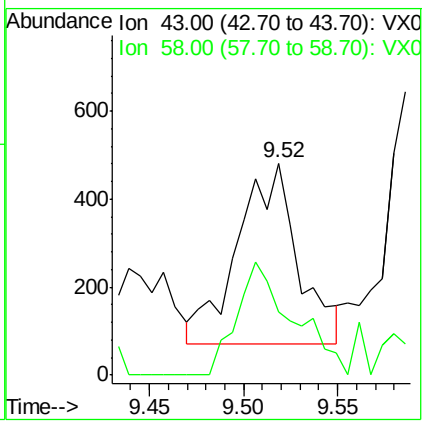


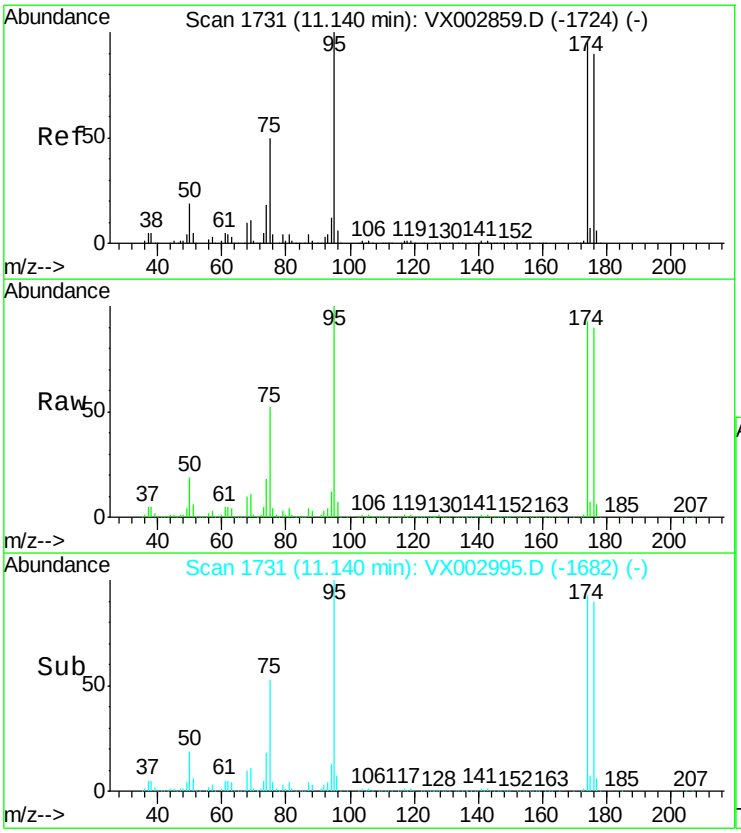
#59
2-Hexanone
Concen: 0.26 ug/l
RT: 9.52 min Scan# 1465
Delta R.T. 0.02 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument : MSVOA_X
ClientSampleId : N48966

Tgt Ion: 43 Resp: 921

Ion	Ratio	Lower	Upper
43	100		
58	57.5	24.6	73.6

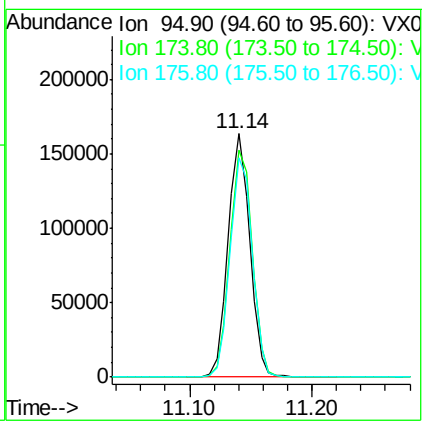


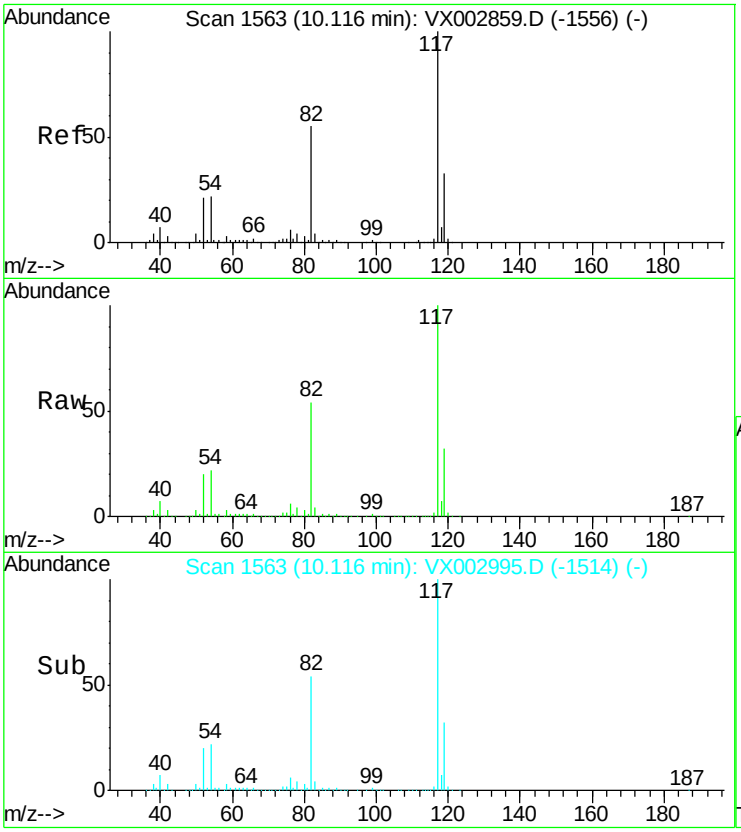


#62
4-Bromofluorobenzene
Concen: 46.49 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 95 Resp: 198528

Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	187.4
176	92.7	0.0	181.0



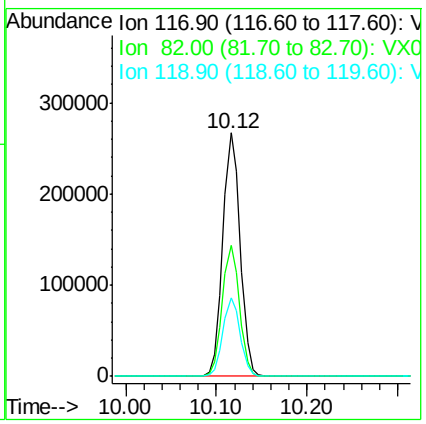


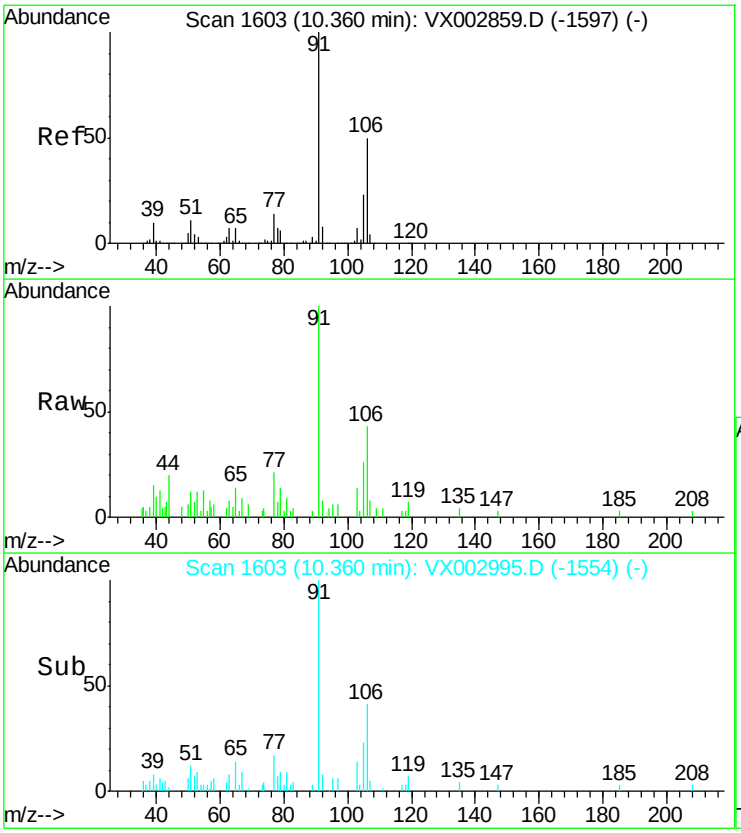
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument : MSVOA_X
ClientSampleId : N48966

Tgt Ion:117 Resp: 357745

Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.0	67.4
119	32.5	25.8	38.6

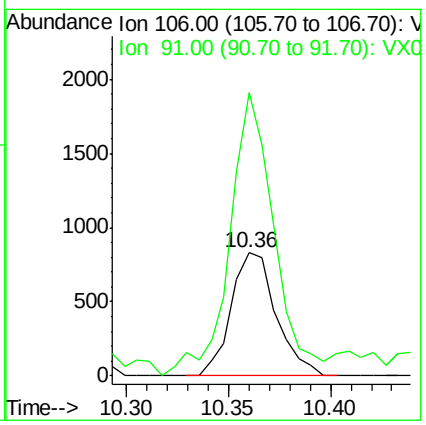


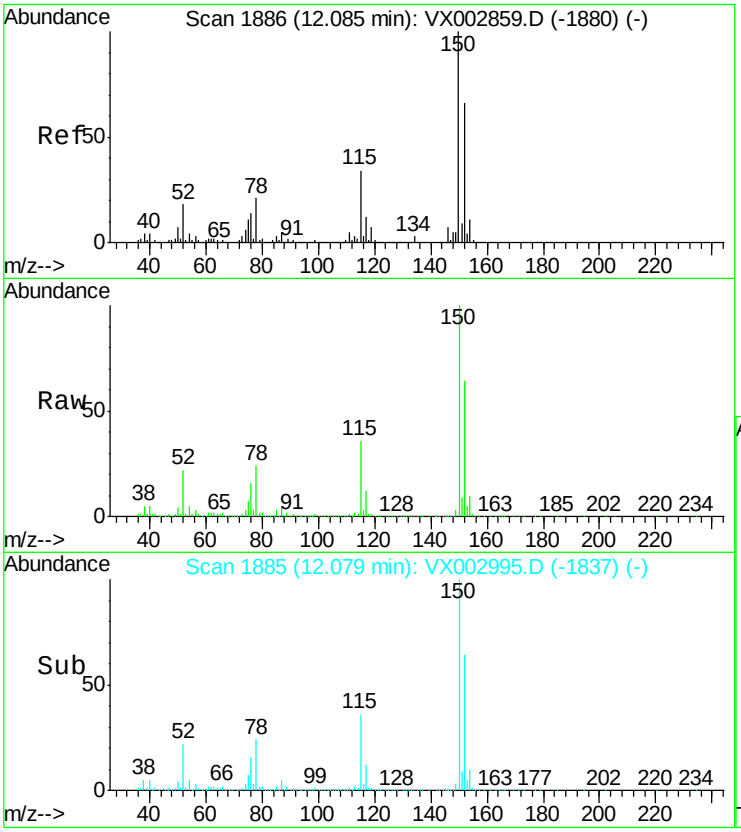


#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion:106 Resp: 1276

Ion	Ratio	Lower	Upper
106	100		
91	224.5	163.4	245.2



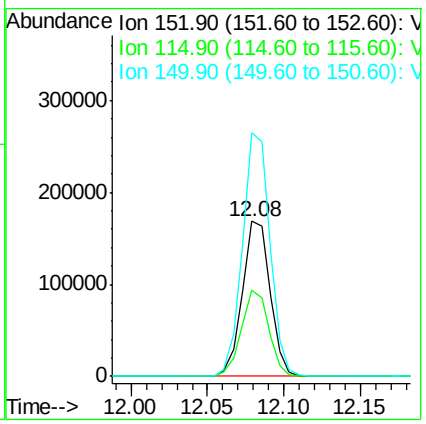


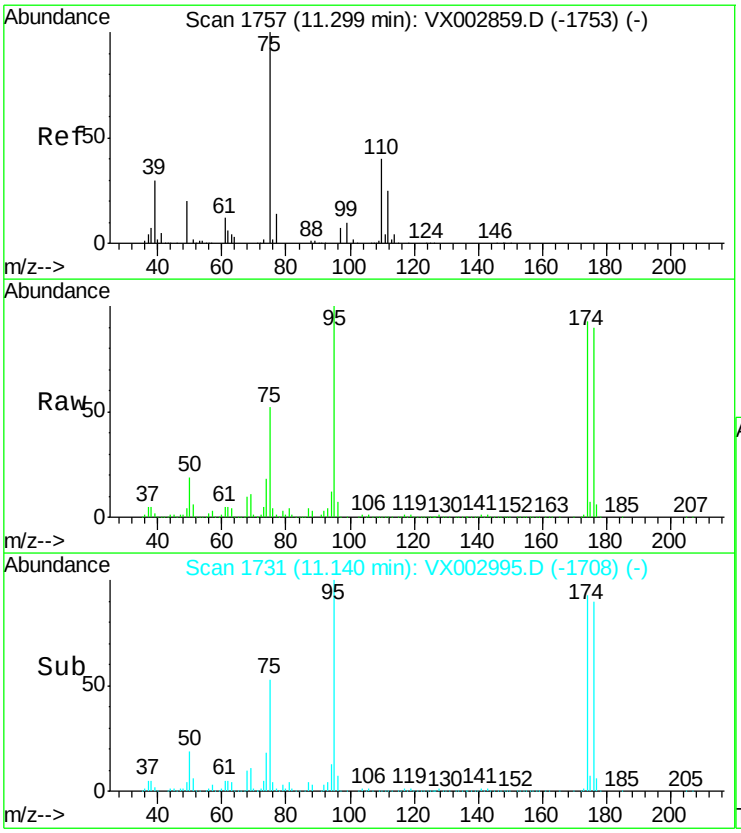
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion:152 Resp: 212671

Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.1	120.2
150	156.0	0.0	347.2

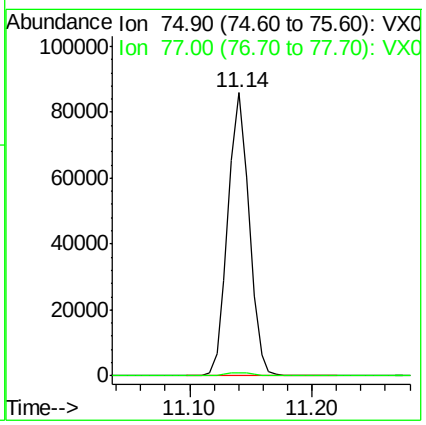


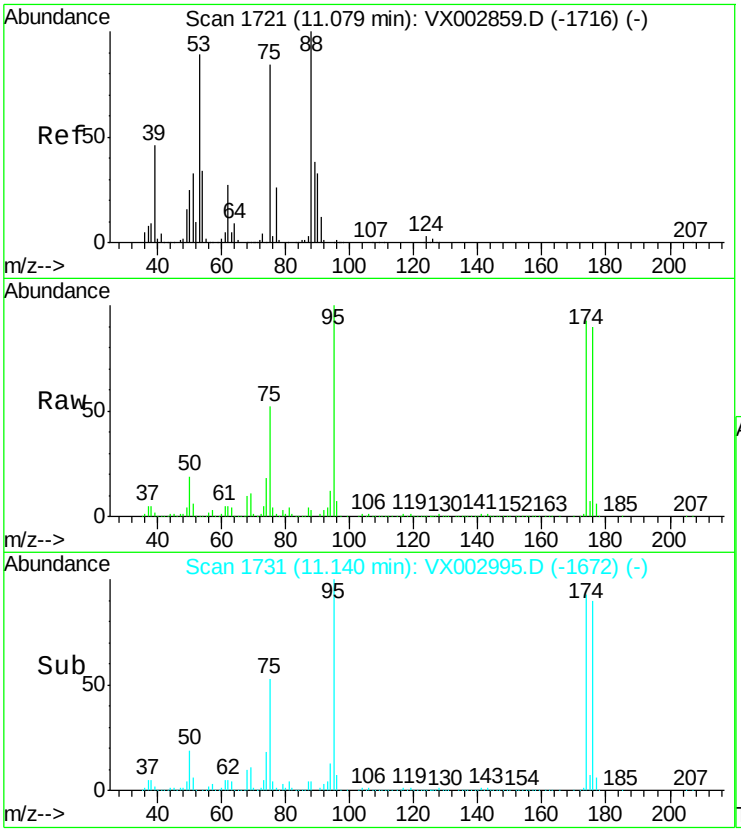


#76
1,2,3-Trichloropropane
Concen: 26.78 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion: 75 Resp: 103161

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.8	68.3#



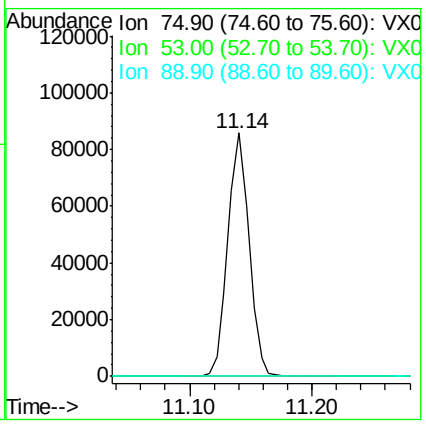


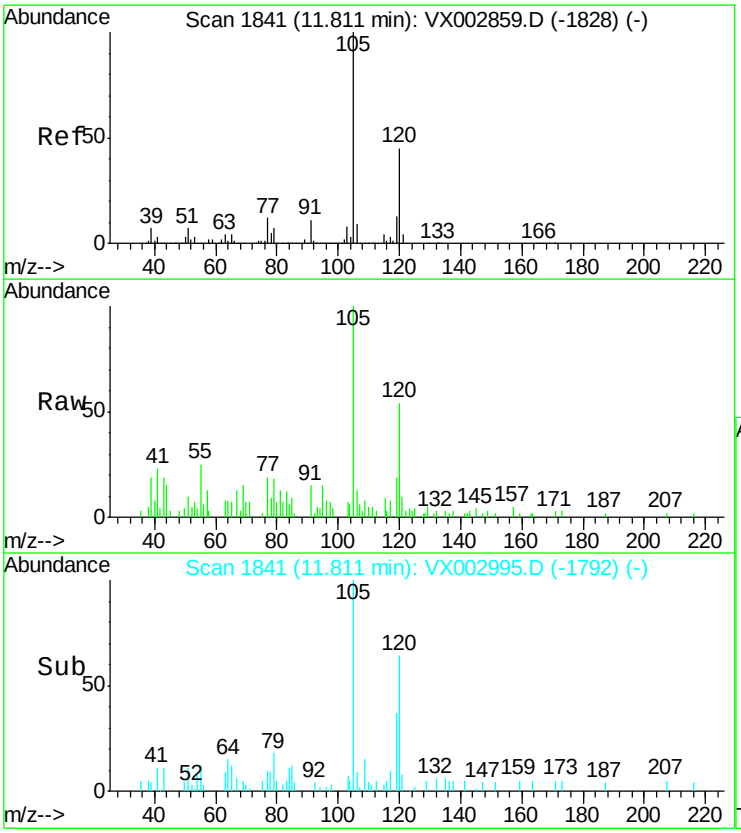
#81
trans-1,4-Dichloro-2-butene
Concen: 75.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion: 75 Resp: 103161

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.8	130.2#
89	0.1	38.2	57.2#

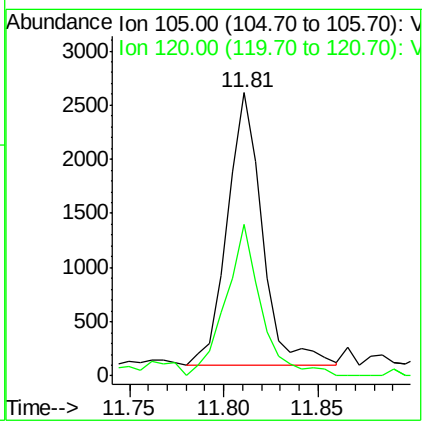


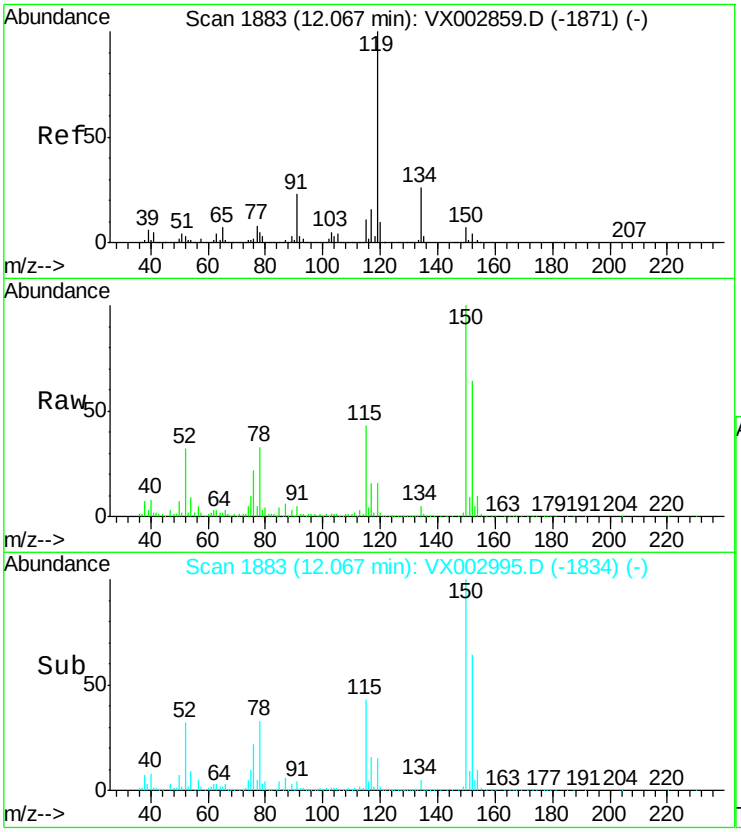


#84
1,2,4-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion:105 Resp: 3239

Ion	Ratio	Lower	Upper
105	100		
120	56.2	22.3	66.8



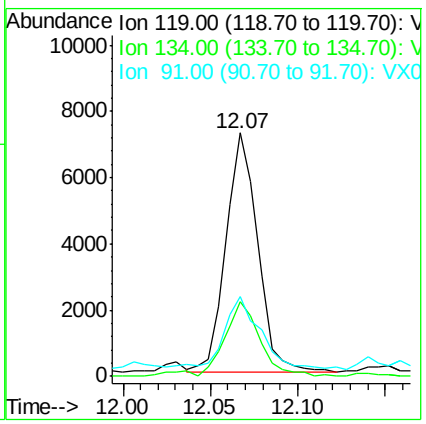


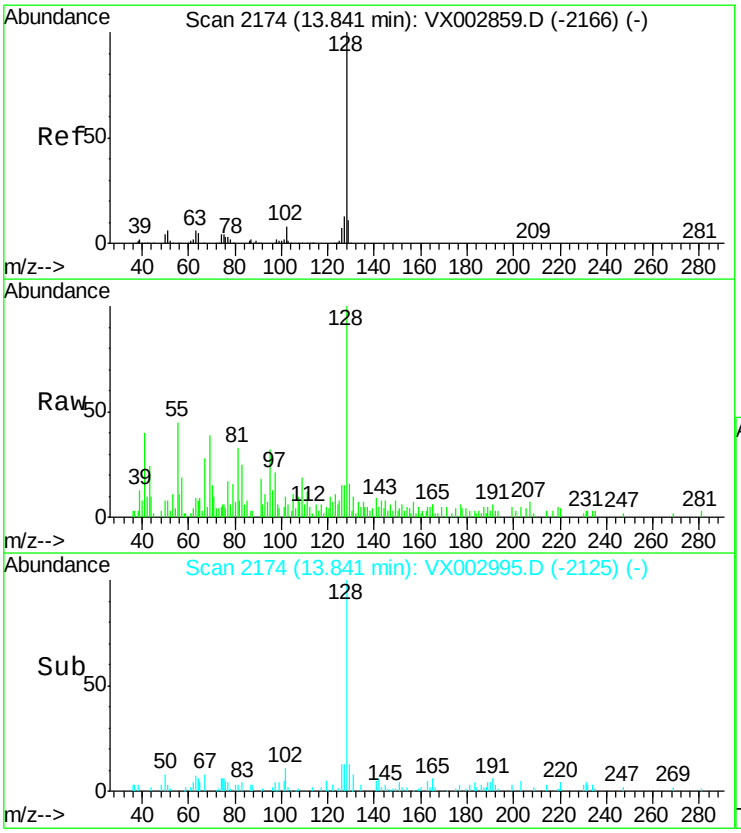
#86
p-Isopropyltoluene
Concen: 0.70 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tgt Ion:119 Resp: 9108

Ion	Ratio	Lower	Upper
119	100		
134	34.2	13.4	40.1
91	36.0	11.9	35.7#





#95
Naphthalene
Concen: 0.28 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002995.D
Acq: 28 Jun 2018 19:40

Tgt Ion:128 Resp: 4063

Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.4	15.6#
129	19.3	8.6	13.0#