Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051405.D
Acq On : 23 Sep 2018 11:55
Operator : MD\SY
Sample : J4777-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PL-02-0920-18-A

Quant Time: Sep 24 06:45:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	679329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1027215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	869746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	323780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455321	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.02%			
35) Dibromofluoromethane	7.59	113	403094	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
50) Toluene-d8	10.09	98	1445235	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.44%			
62) 4-Bromofluorobenzene	12.40	95	399249	39.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.80%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	2336	0.409	ug/l #	74
8) Diethyl Ether	3.42	74	1716	Below Cal	#	50
10) Methyl Iodide	3.95	142	994	0.367	ug/l #	77
14) Allyl chloride	4.56	41	28811	2.272	ug/l #	26
16) Acetone	3.82	43	22011	Below Cal		95
17) Carbon Disulfide	4.06	76	6110	0.275	ug/l	97
18) Methyl Acetate	4.33	43	7156	1.104	ug/l #	69
20) Methylene Chloride	4.55	84	752725	89.388	ug/l	99
25) 2-Butanone	6.85	43	5051	1.734	ug/l	99
29) Tetrahydrofuran	7.22	42	966	0.523	ug/l #	72
30) Chloroform	7.37	83	14557	1.004	ug/l	99
31) Cyclohexane	7.66	56	12472	0.931	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48327	4.063	ug/l #	48
38) Carbon Tetrachloride	7.67	117	60869	4.892	ug/l #	17
43) Isopropyl Acetate	8.17	43	217746	17.606	ug/l	98
47) Bromodichloromethane	9.40	83	4378	0.369	ug/l	91
48) Methyl methacrylate	9.18	41	6079	0.986	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	2915	0.429	ug/l #	80
58) 2-Chloroethyl Vinyl ether	9.69	63	30	20.374	ug/l #	48
59) 2-Hexanone	10.77	43	15701	3.561	ug/l #	56
68) m/p-Xylenes	11.62	106	6790	0.467	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	195887	36.444	ug/l #	100
78) n-propylbenzene	12.59	91	6494	0.211	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	7241	0.325	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	195887	112.064	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	15873	0.707	ug/l	100
89) n-Butylbenzene	13.61	91	3943	0.207	ug/l #	63
93) 1,2,4-Trichlorobenzene	14.91	180	2982	6.401	ug/l	98
94) Hexachlorobutadiene	15.01	225	1406	0.320	ug/l	88
95) Naphthalene	15.14	128	10248	8.759	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	3784	0.679	ug/l	99

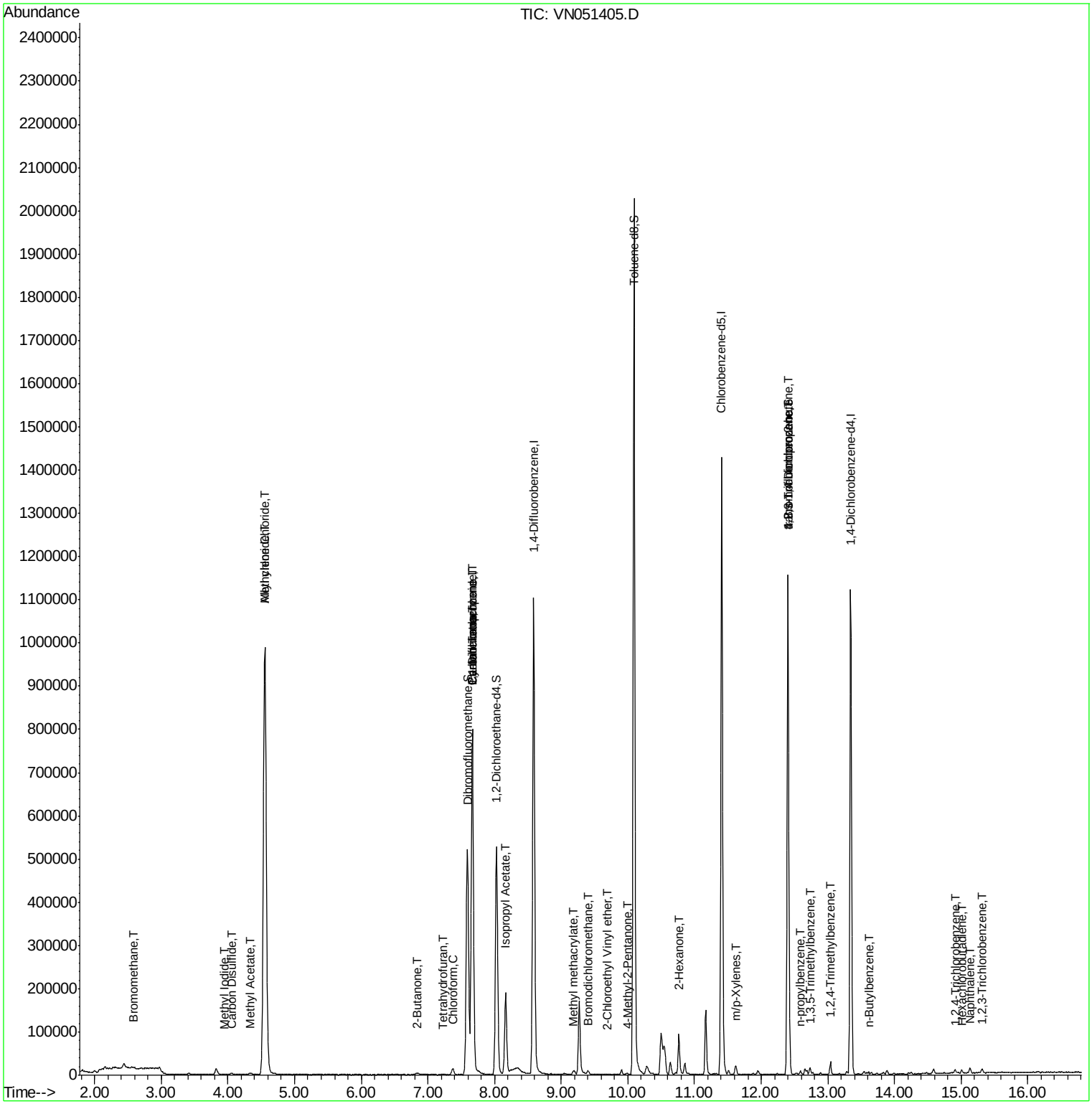
(#) = qualifier out of range (m) = manual integration (+) = signals summed

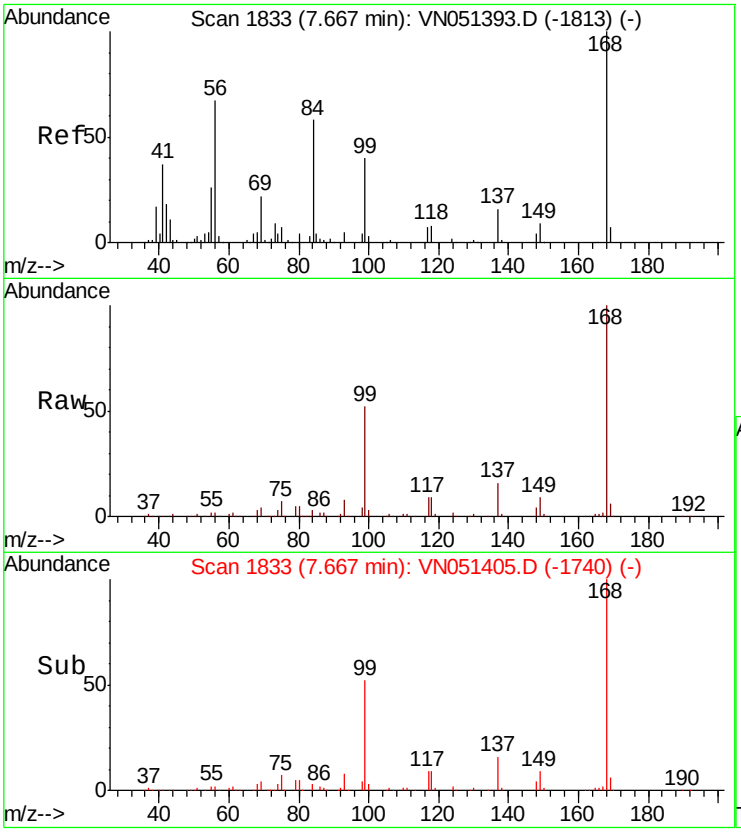
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051405.D
Acq On : 23 Sep 2018 11:55
Operator : MD\SY
Sample : J4777-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Quant Time: Sep 24 06:45:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration



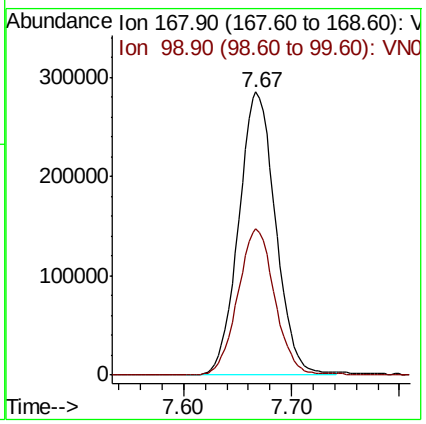


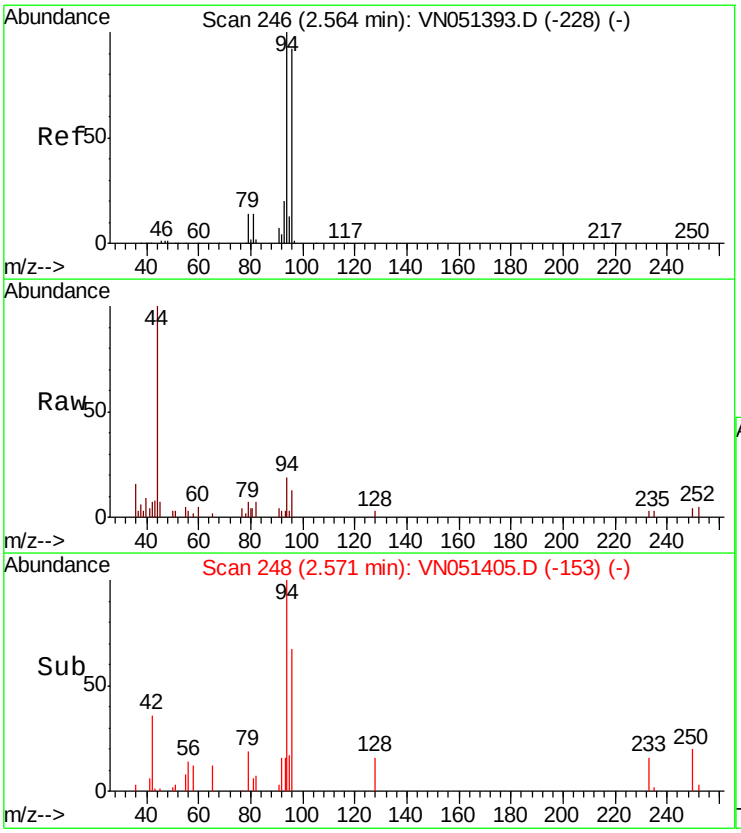
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion:168 Resp: 679329

Ion	Ratio	Lower	Upper
168	100		
99	51.5	40.2	60.2

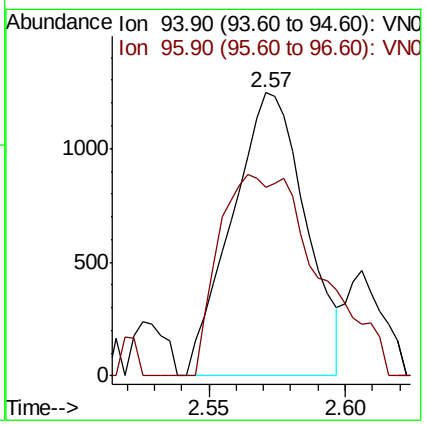


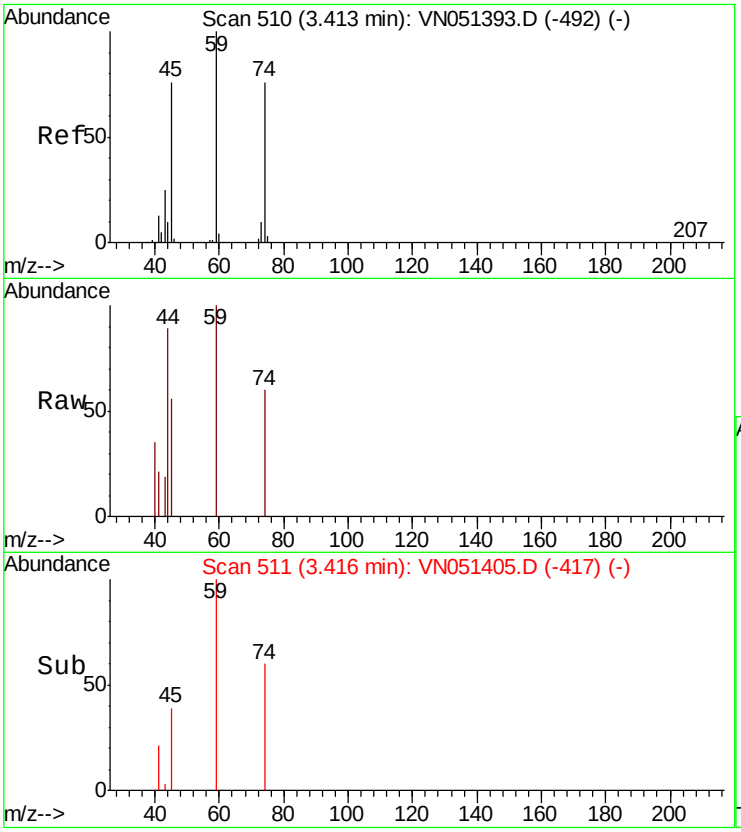


#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 94 Resp: 2336

Ion	Ratio	Lower	Upper
94	100		
96	66.8	73.6	110.4#



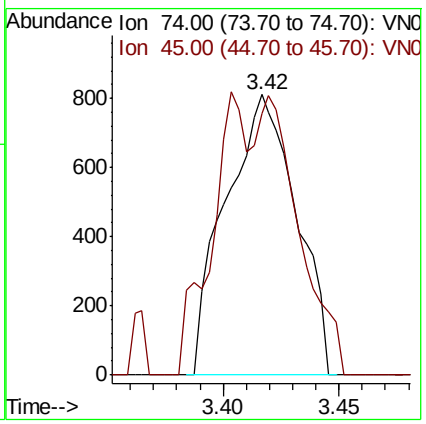


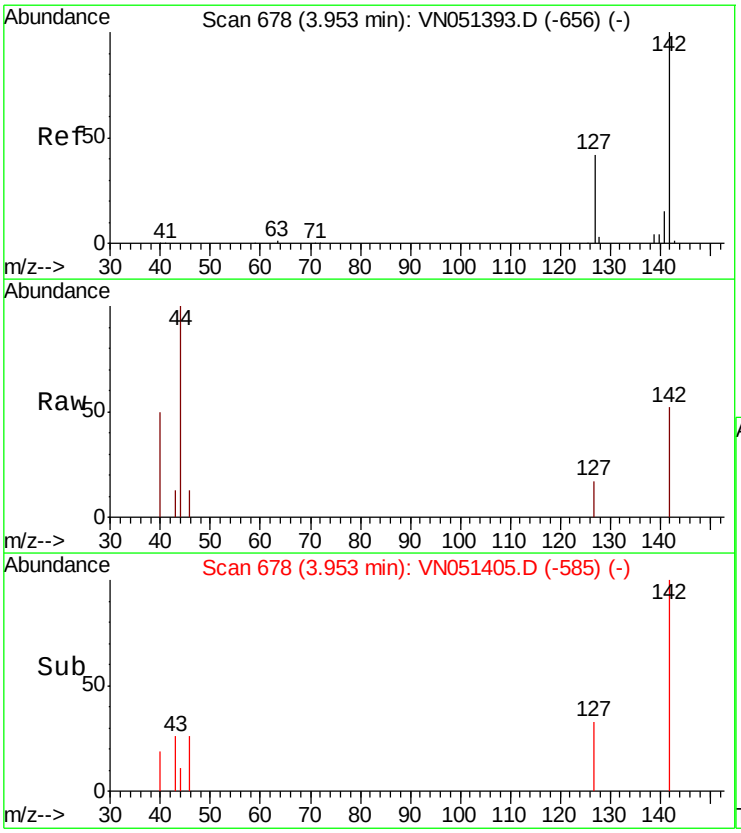
#8
Diethyl Ether
Concen: Below Cal
RT: 3.42 min Scan# 511
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument : MSVOA_N
ClientSampleId : PL-02-0920-18-A

Tgt Ion: 74 Resp: 1716

Ion	Ratio	Lower	Upper
74	100		
45	49.9	50.2	150.7#

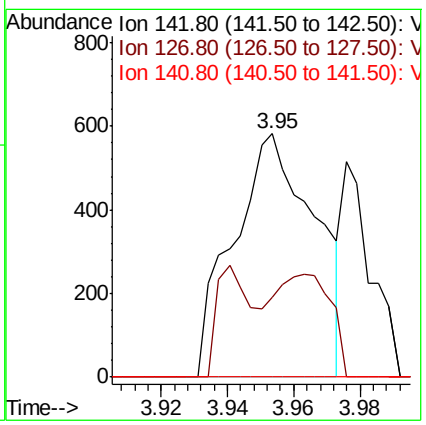


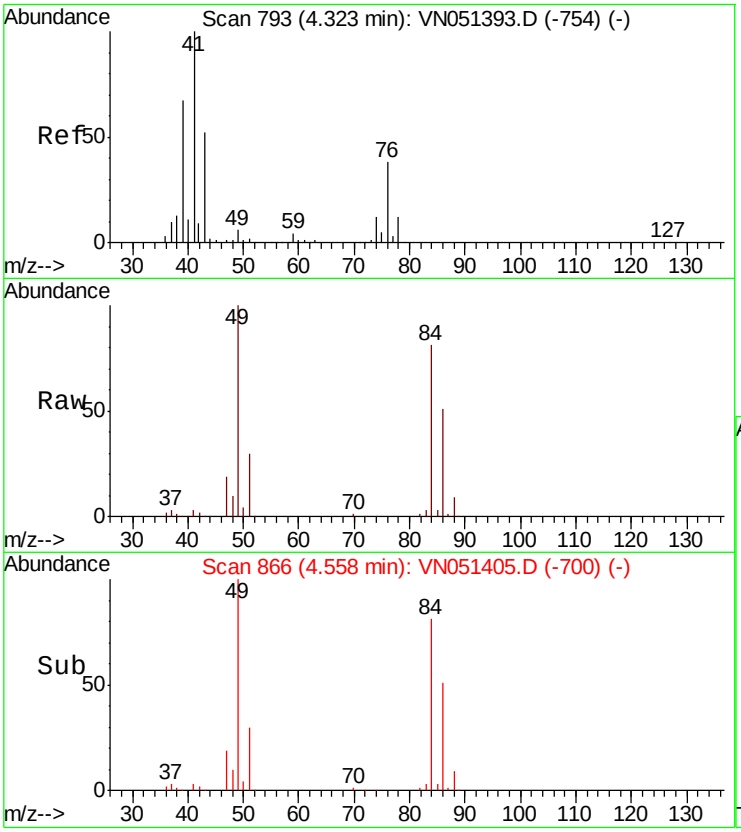


#10
Methyl Iodide
Concen: 0.367 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:142 Resp: 994

Ion	Ratio	Lower	Upper
142	100		
127	29.4	33.2	49.8#
141	0.0	11.5	17.3#



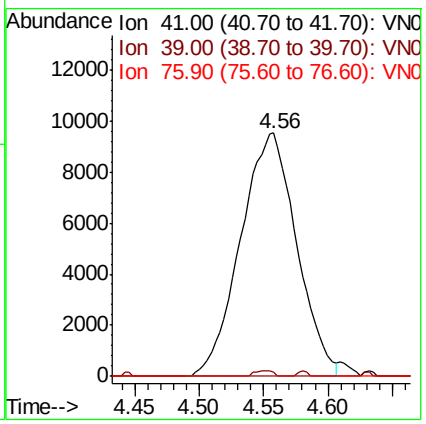


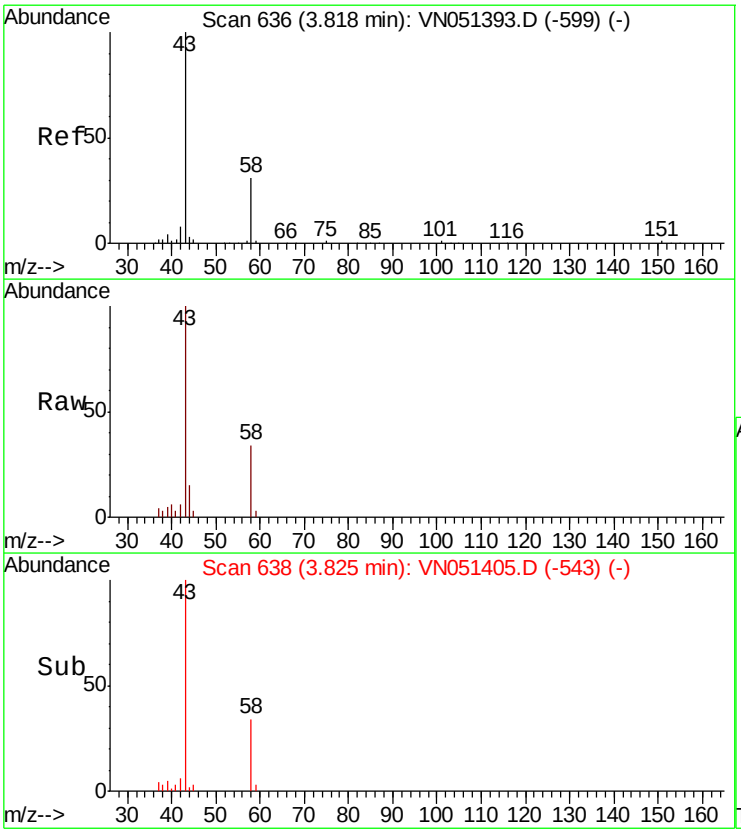
#14
Allyl chloride
Concen: 2.272 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.23 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 41 Resp: 28811

Ion	Ratio	Lower	Upper
41	100		
39	0.8	51.4	77.2#
76	0.0	28.1	42.1#

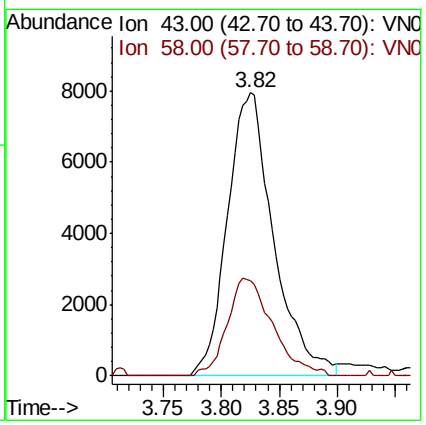


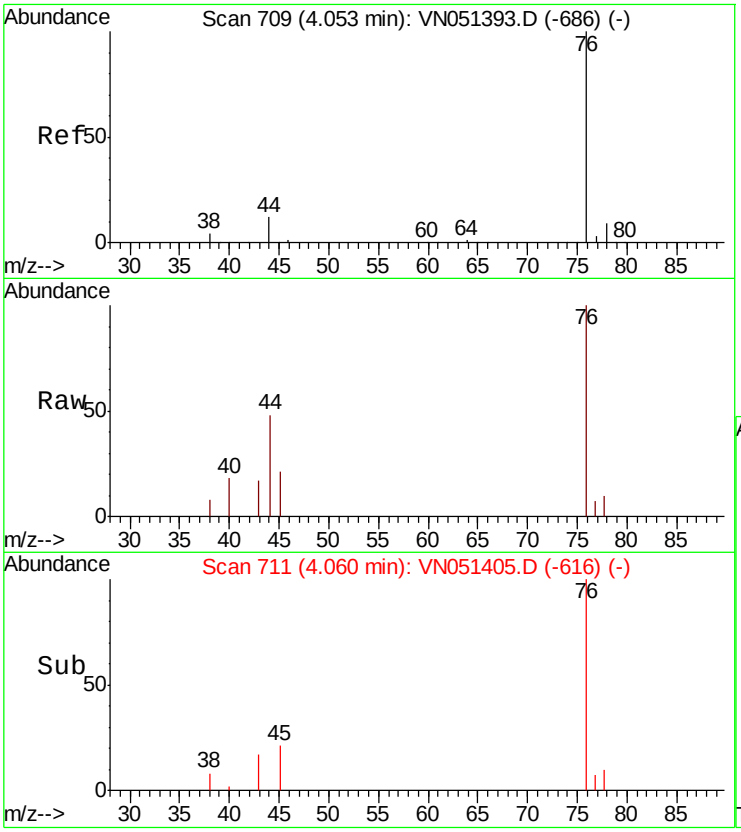


#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 43 Resp: 22011

Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.0	37.4



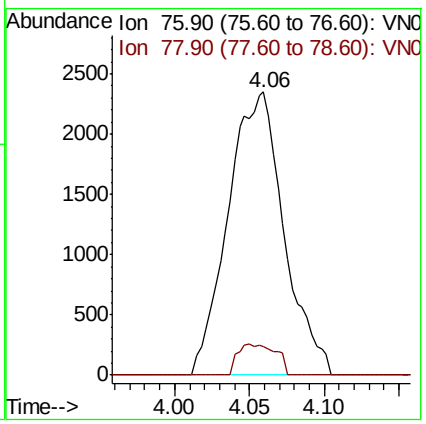


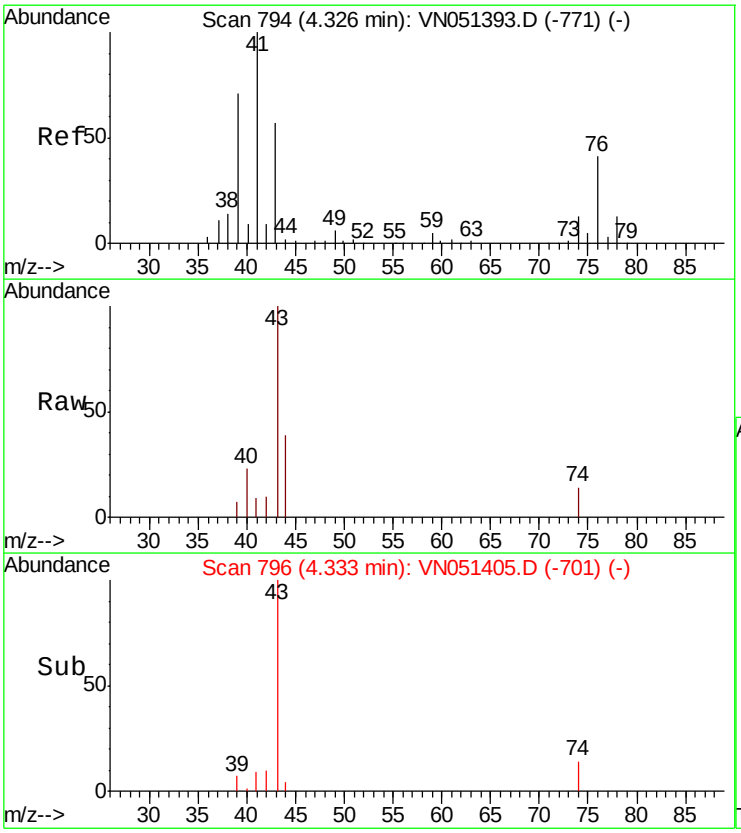
#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 76 Resp: 6110

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.3	10.9

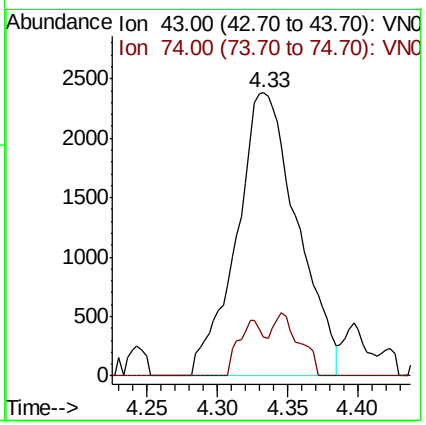


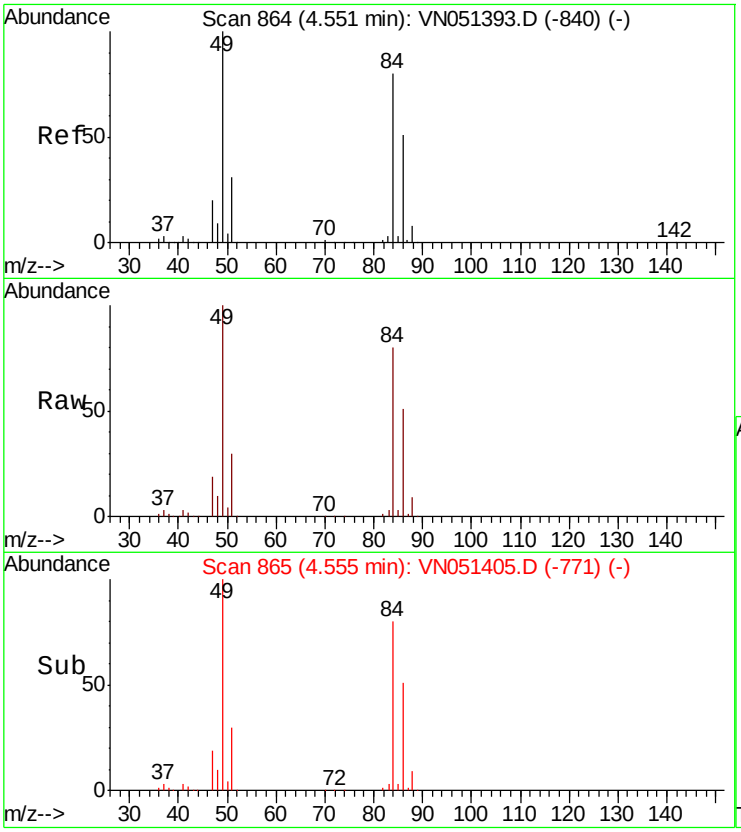


#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 43 Resp: 7156

Ion	Ratio	Lower	Upper
43	100		
74	8.5	18.8	28.2#



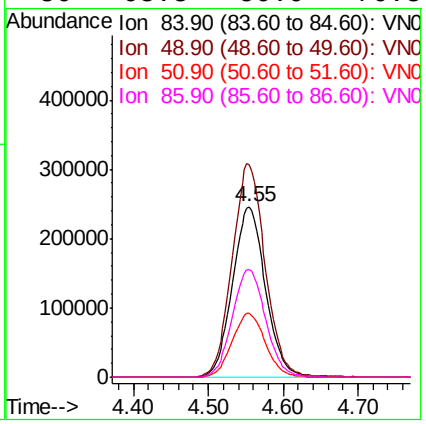


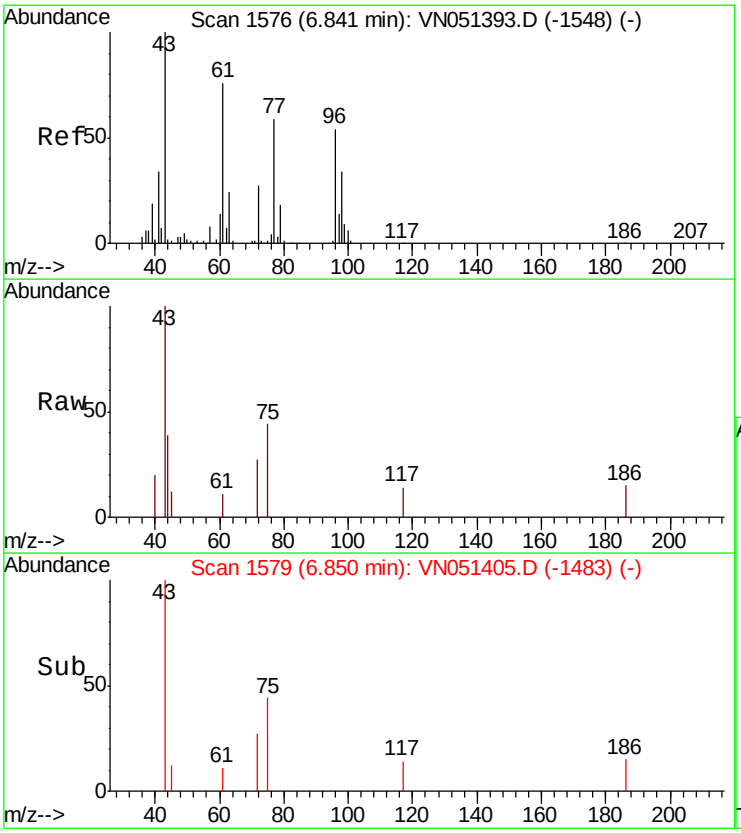
#20
Methylene Chloride
Concen: 89.388 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 84 Resp: 752725

Ion	Ratio	Lower	Upper
84	100		
49	124.9	99.9	149.9
51	37.2	31.4	47.2
86	63.3	50.9	76.3

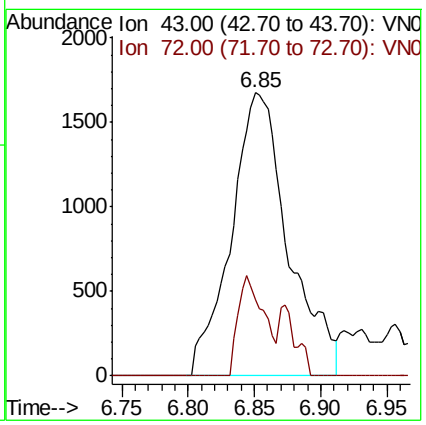


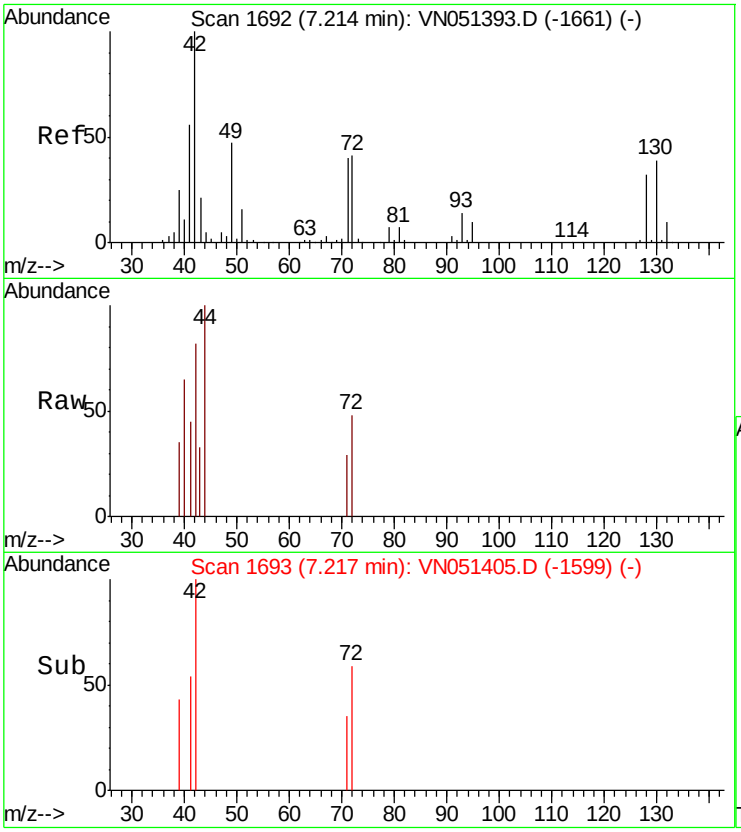


#25
2-Butanone
Concen: 1.734 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 43 Resp: 5051

Ion	Ratio	Lower	Upper
43	100		
72	26.8	21.8	32.6



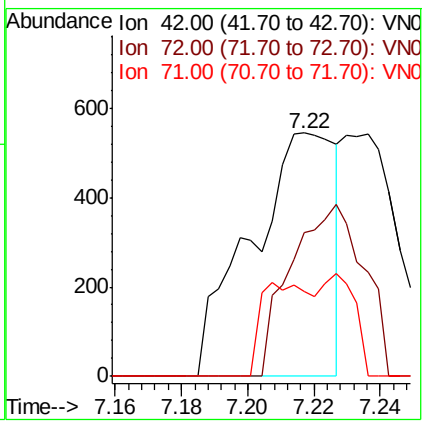


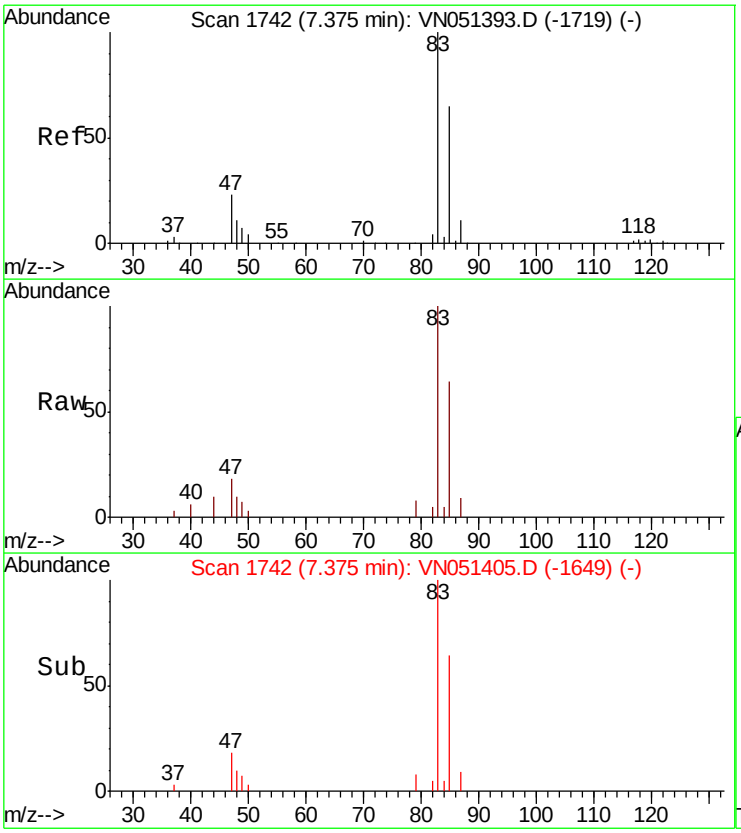
#29
Tetrahydrofuran
Concen: 0.523 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 42 Resp: 966

Ion	Ratio	Lower	Upper
42	100		
72	61.1	34.3	51.5#
71	23.3	32.2	48.4#

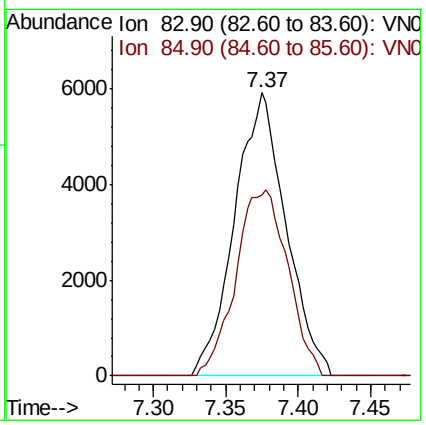


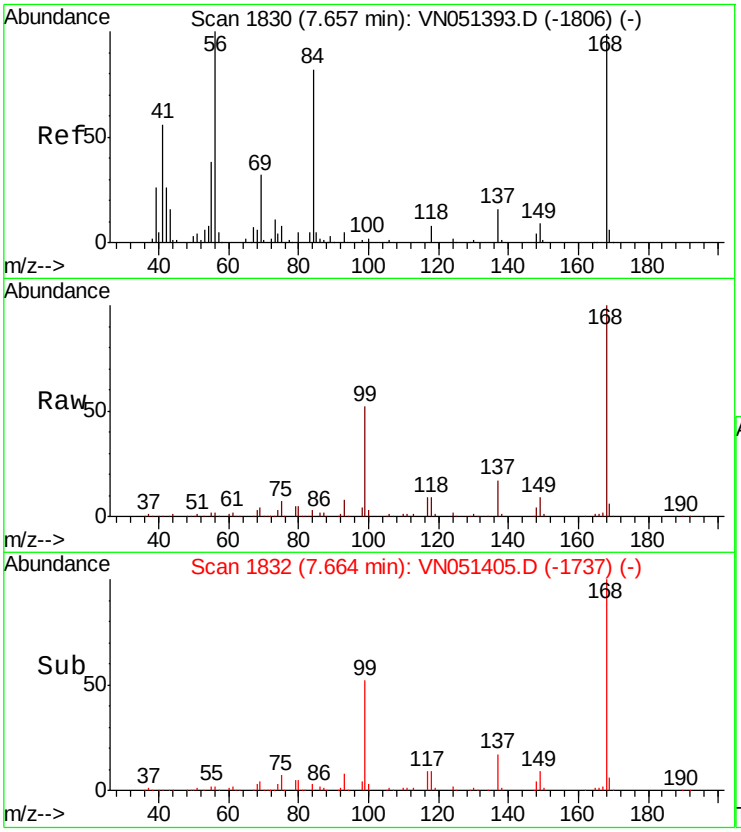


#30
Chloroform
Concen: 1.004 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 83 Resp: 14557

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6



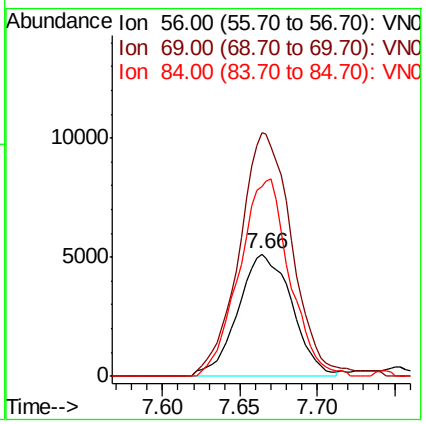


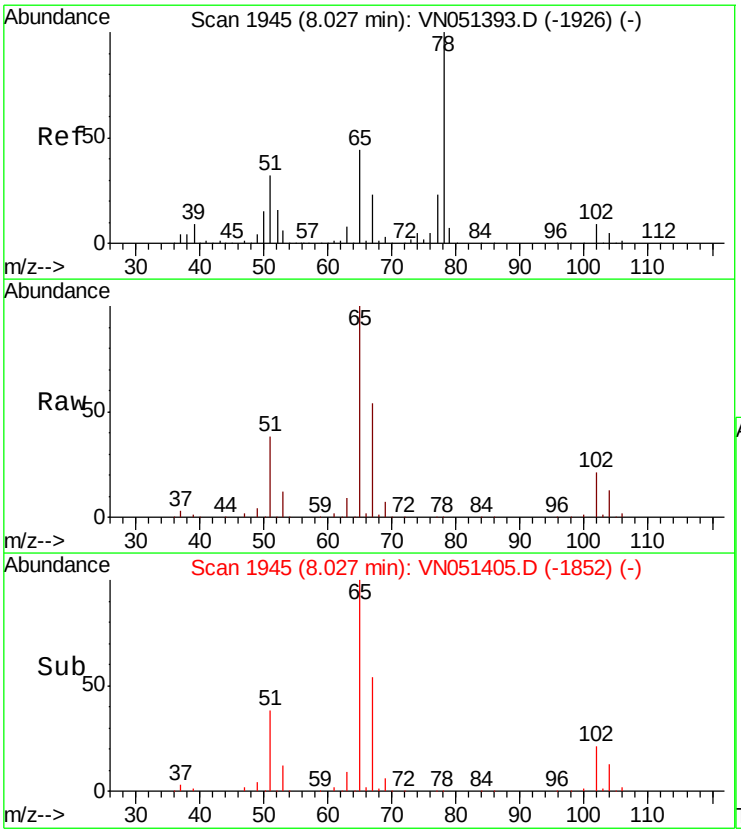
#31
Cyclohexane
Concen: 0.931 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 56 Resp: 12472

Ion	Ratio	Lower	Upper
56	100		
69	198.6	25.8	38.6#
84	155.3	66.0	99.0#

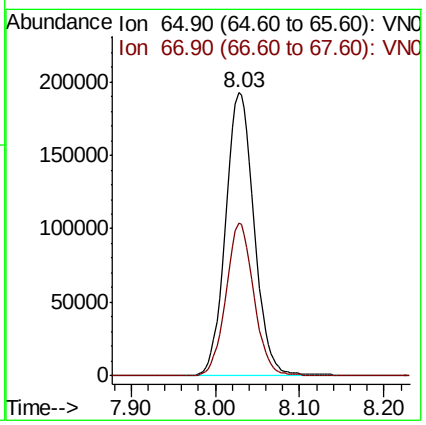


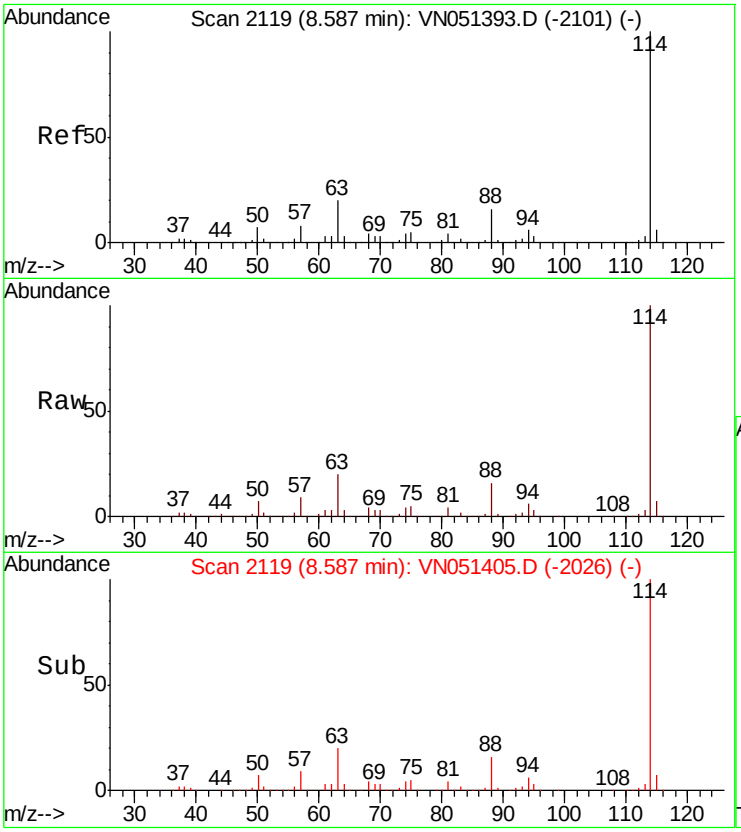


#33
1,2-Dichloroethane-d4
Concen: 53.505 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 65 Resp: 455321

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.8



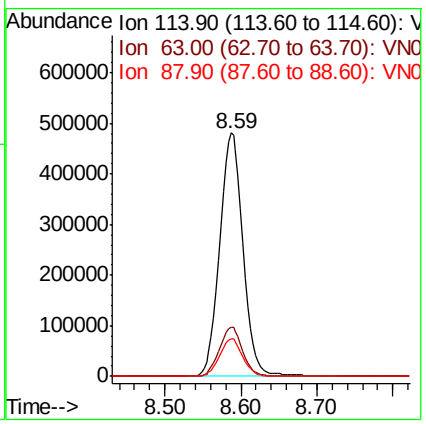


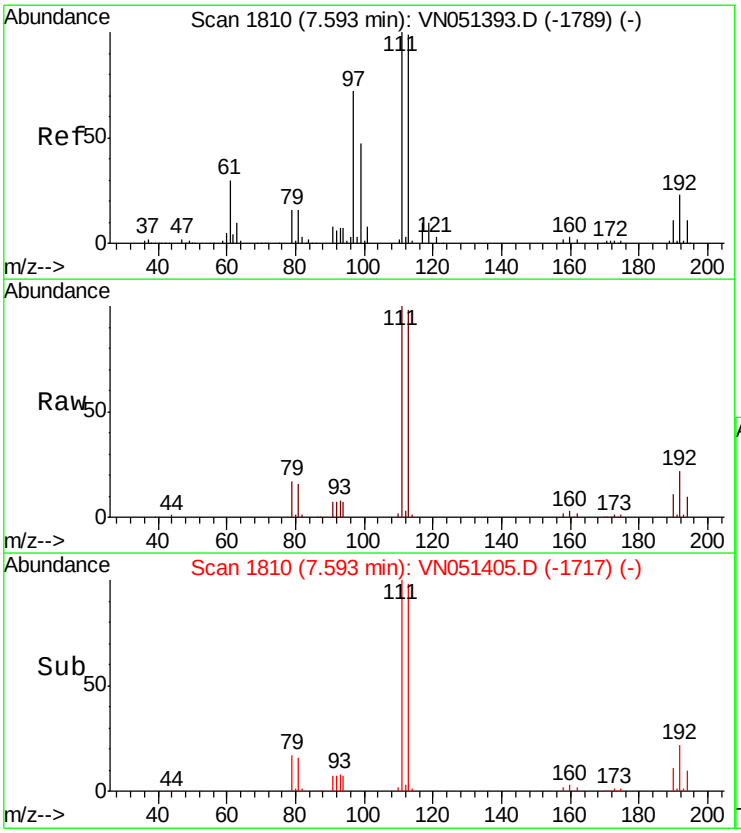
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion:114 Resp: 1027215

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.2
88	15.7	0.0	31.4

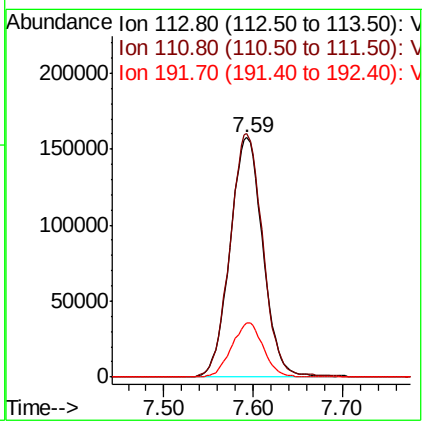


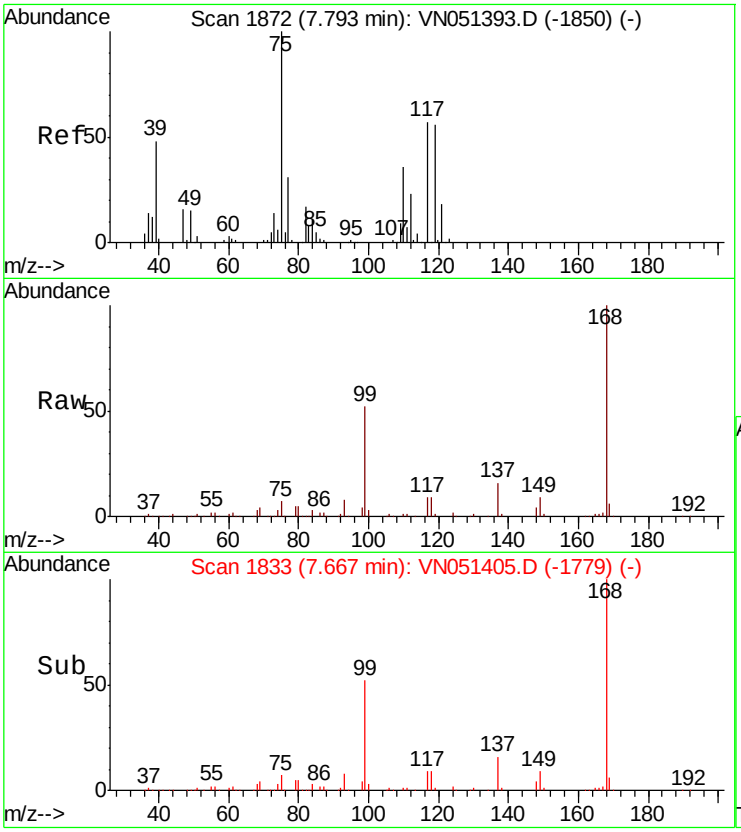


#35
Dibromofluoromethane
Concen: 49.073 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:113 Resp: 403094

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	123.8
192	22.0	18.0	27.0



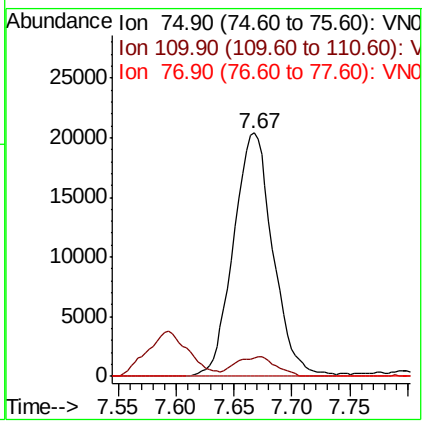


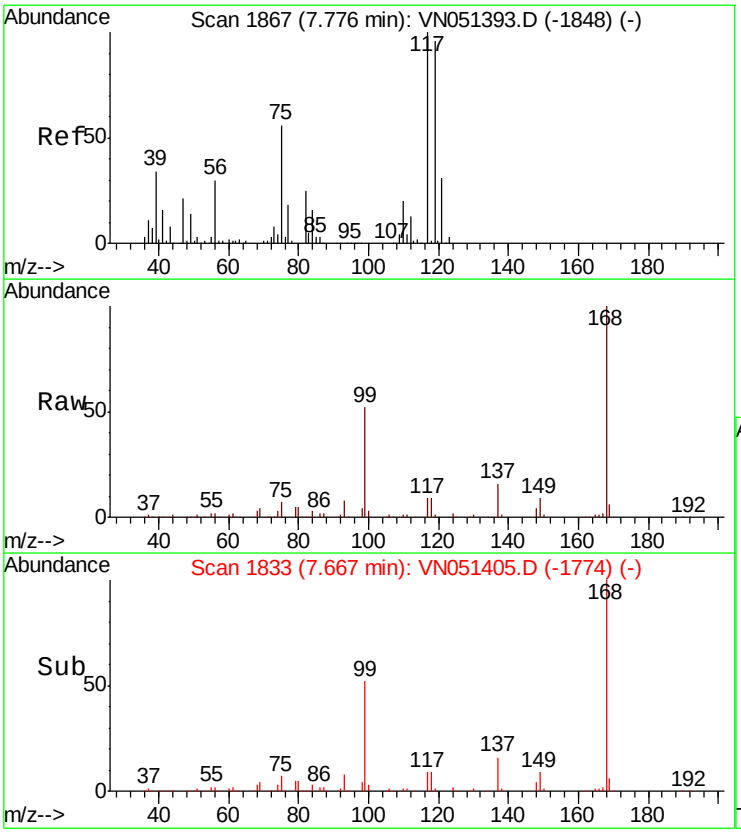
#36
1,1-Dichloropropene
Concen: 4.063 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 75 Resp: 48327

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.3#
77	0.0	25.6	38.4#

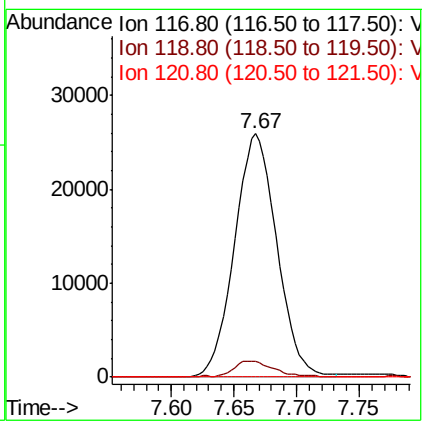


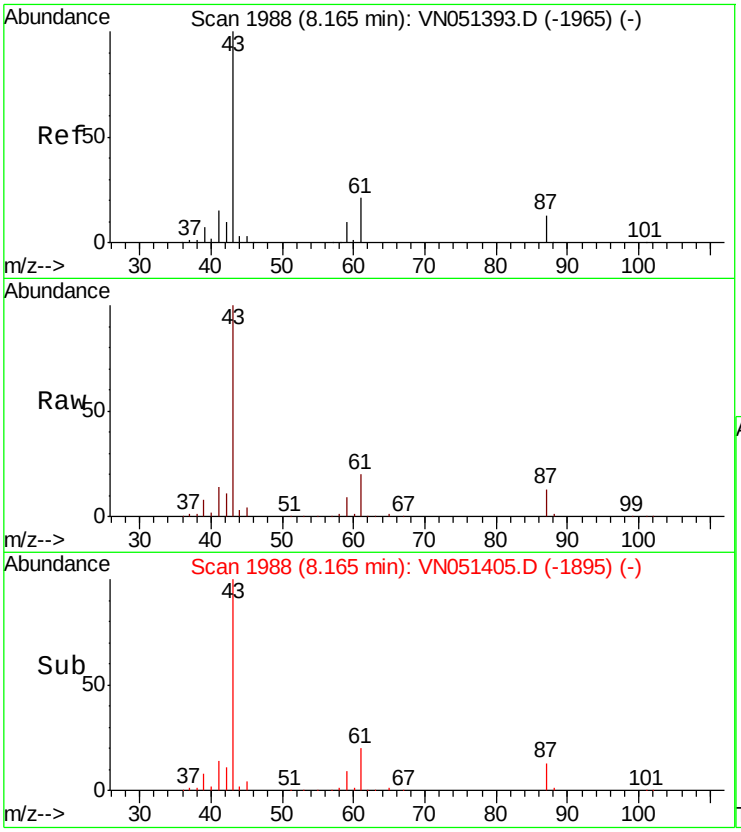


#38
Carbon Tetrachloride
Concen: 4.892 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:117 Resp: 60869

Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.9	115.3#
121	0.0	24.6	37.0#



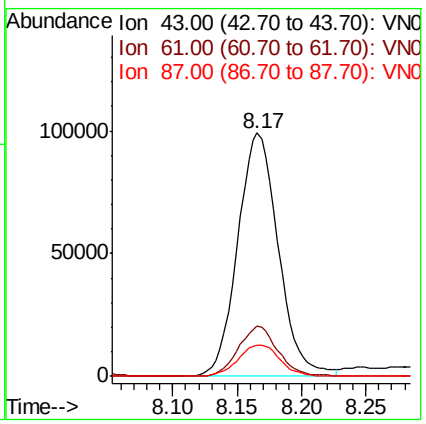


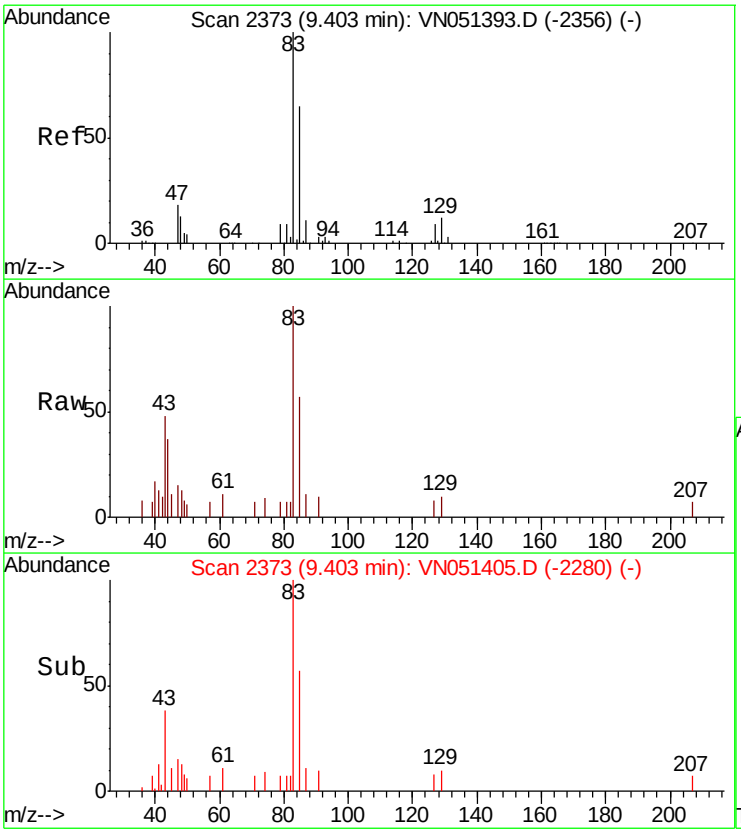
#43
Isopropyl Acetate
Concen: 17.606 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 43 Resp: 217746

Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.8	25.2
87	13.2	10.7	16.1

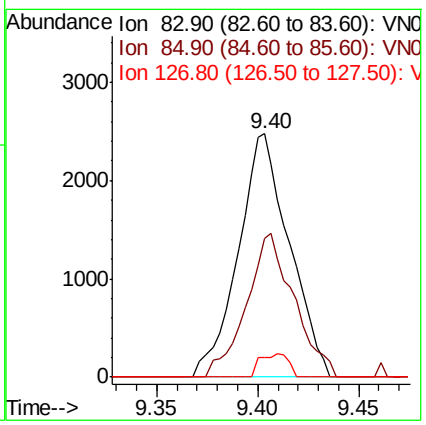


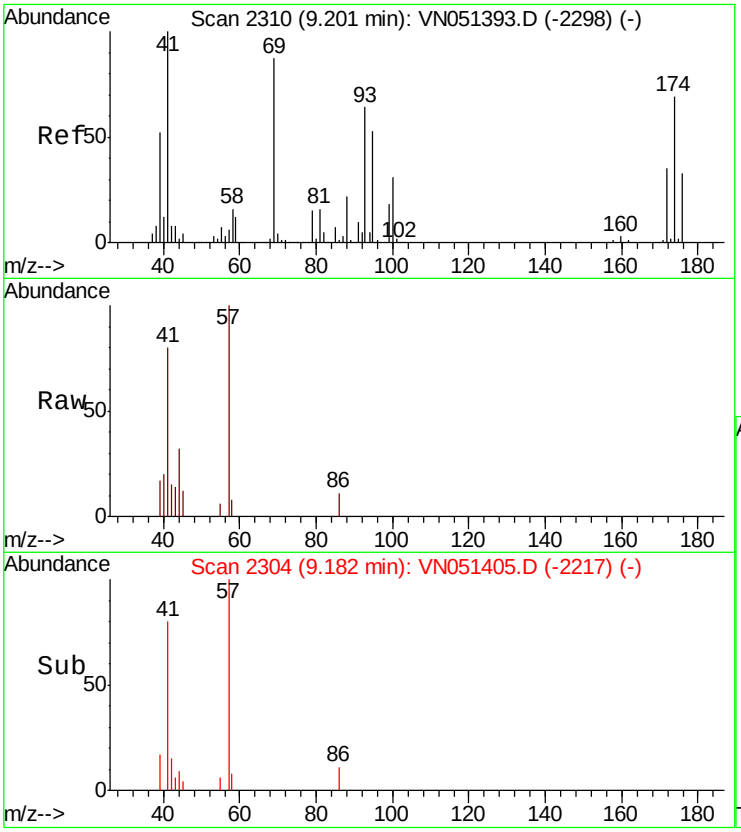


#47
Bromodichloromethane
Concen: 0.369 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 83 Resp: 4378

Ion	Ratio	Lower	Upper
83	100		
85	57.0	51.8	77.6
127	8.3	7.4	11.2



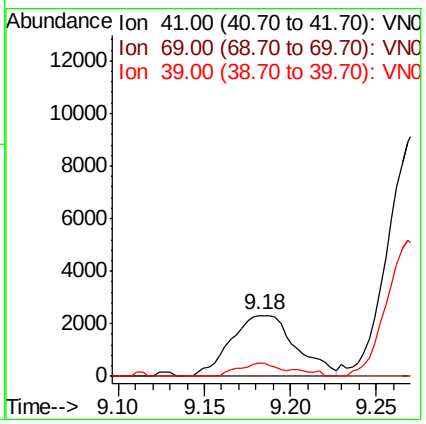


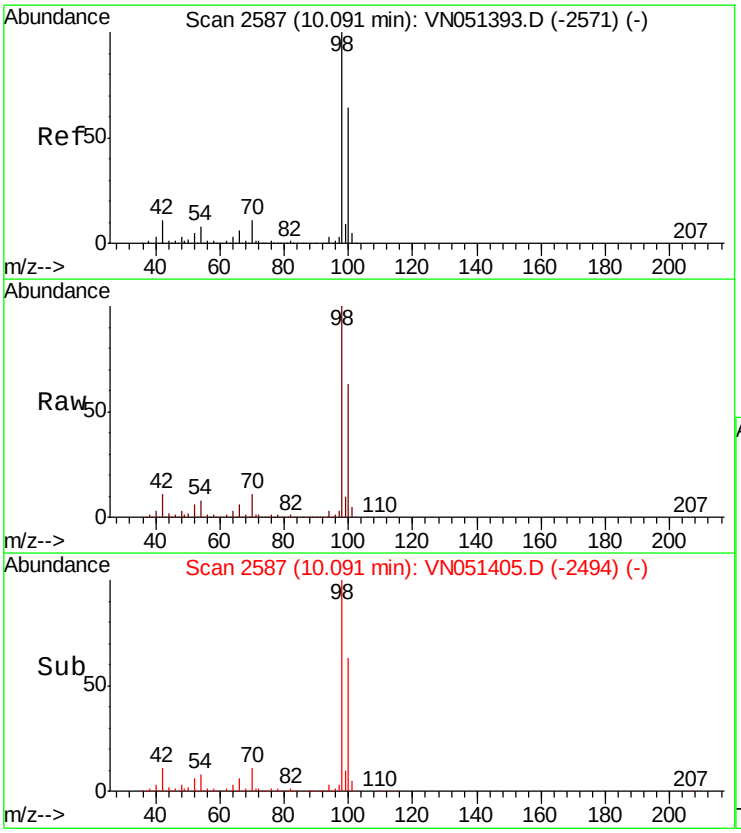
#48
Methyl methacrylate
Concen: 0.986 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 41 Resp: 6079

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.4	105.6#
39	12.7	43.8	65.8#

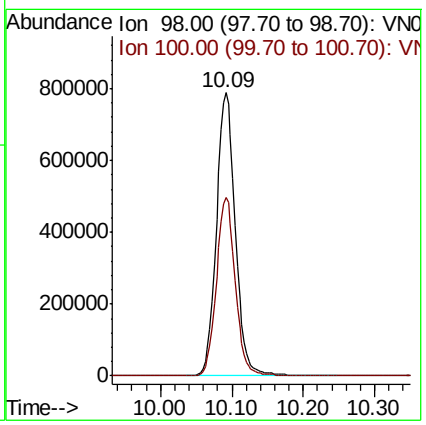


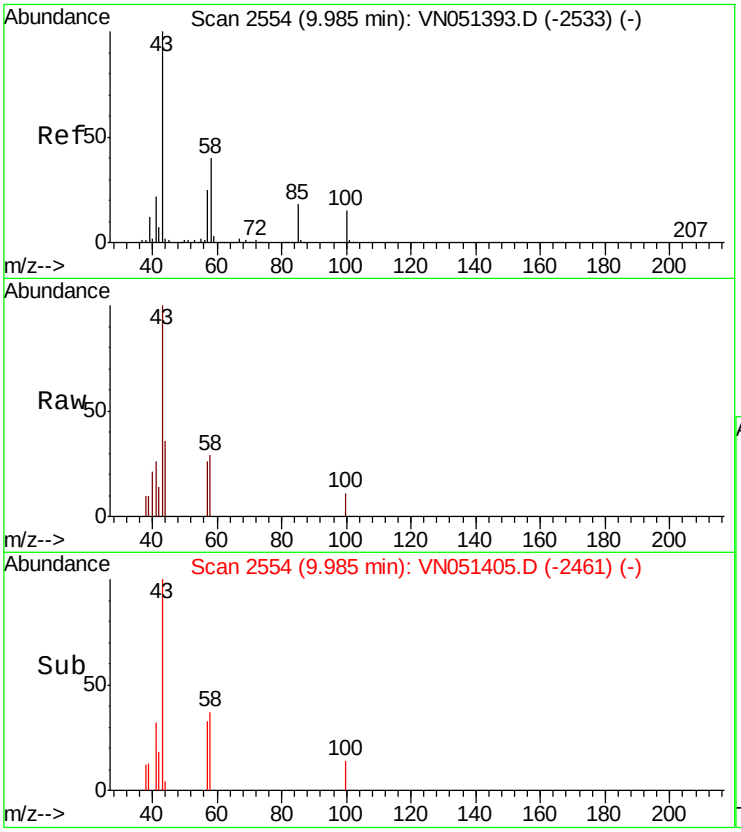


#50
Toluene-d8
Concen: 46.723 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 98 Resp: 1445235

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.6	75.8



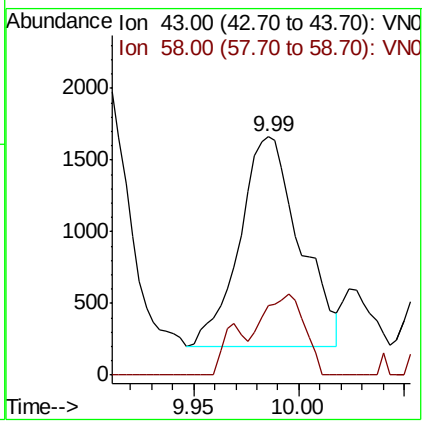


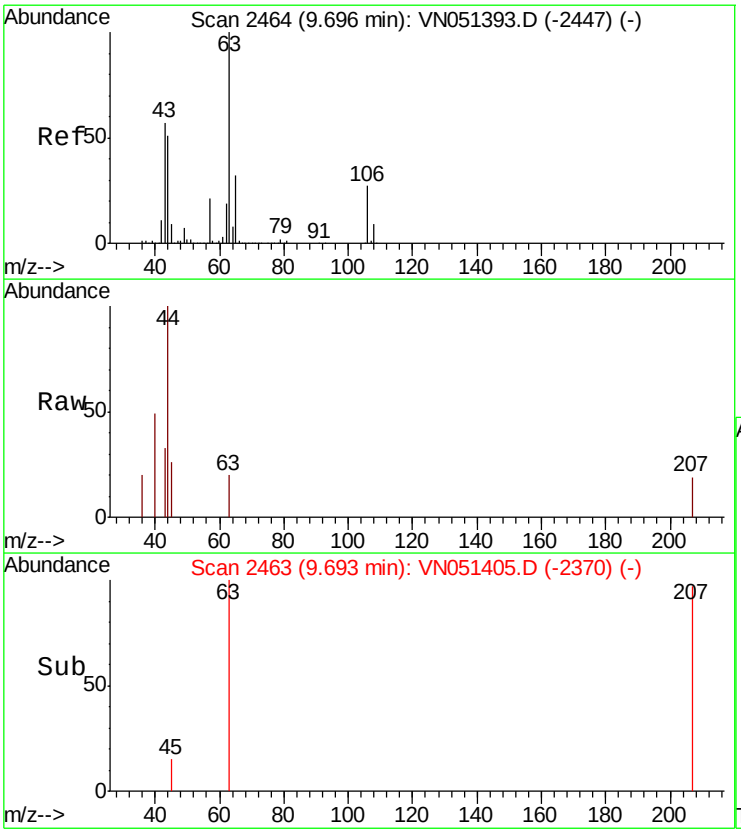
#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument : MSVOA_N
ClientSampleId : PL-02-0920-18-A

Tgt Ion: 43 Resp: 2915

Ion	Ratio	Lower	Upper
43	100		
58	27.2	31.5	47.3#

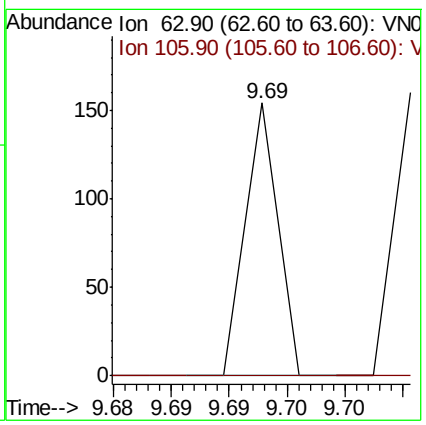


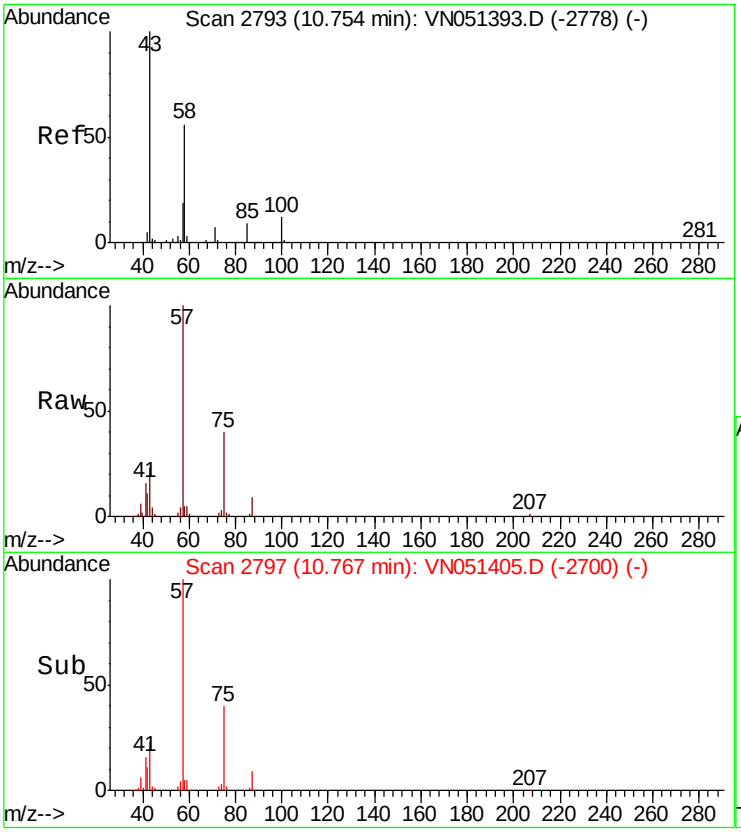


#58
2-Chloroethyl Vinyl ether
Concen: 20.374 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 63 Resp: 30

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.4	32.2#



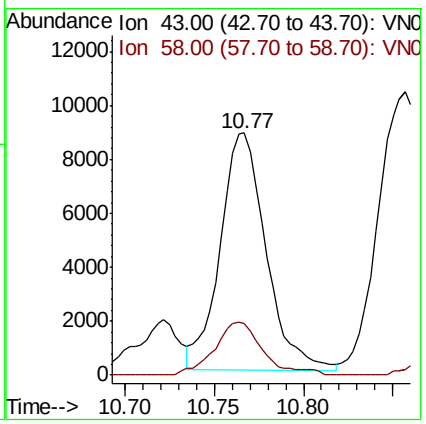


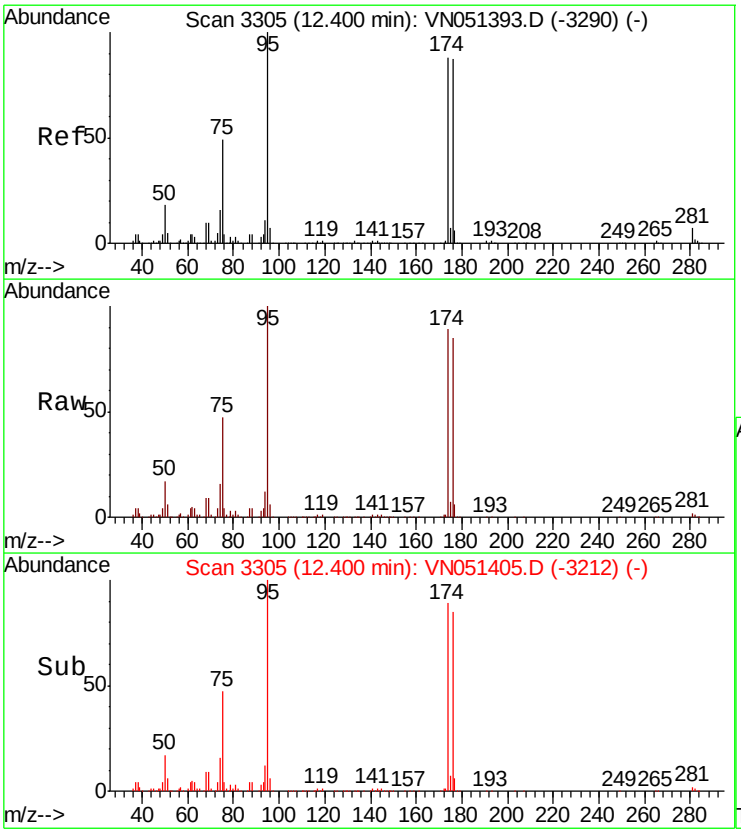
#59
2-Hexanone
Concen: 3.561 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 43 Resp: 15701

Ion	Ratio	Lower	Upper
43	100		
58	23.6	27.7	83.0#

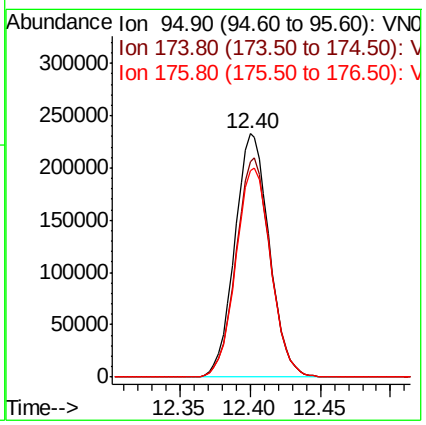


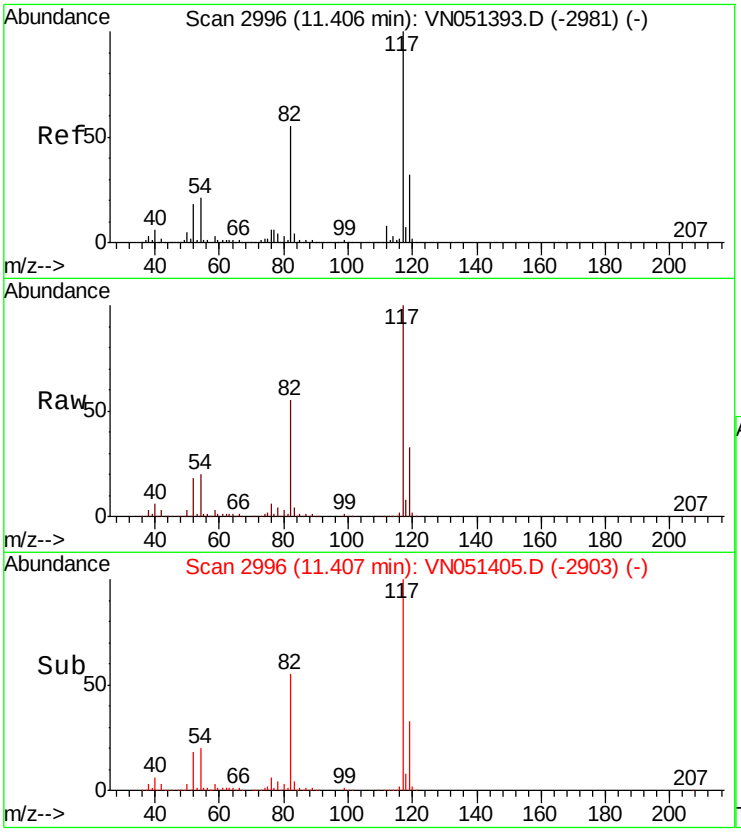


#62
4-Bromofluorobenzene
Concen: 39.900 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 95 Resp: 399249

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	181.6
176	87.5	0.0	176.4



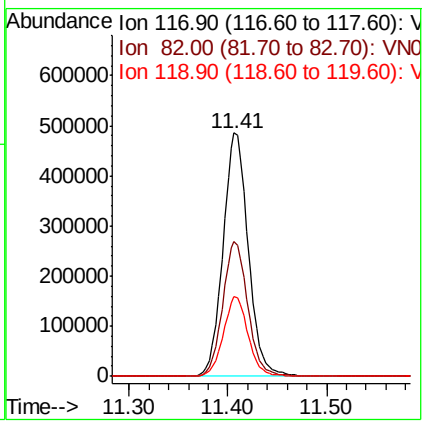


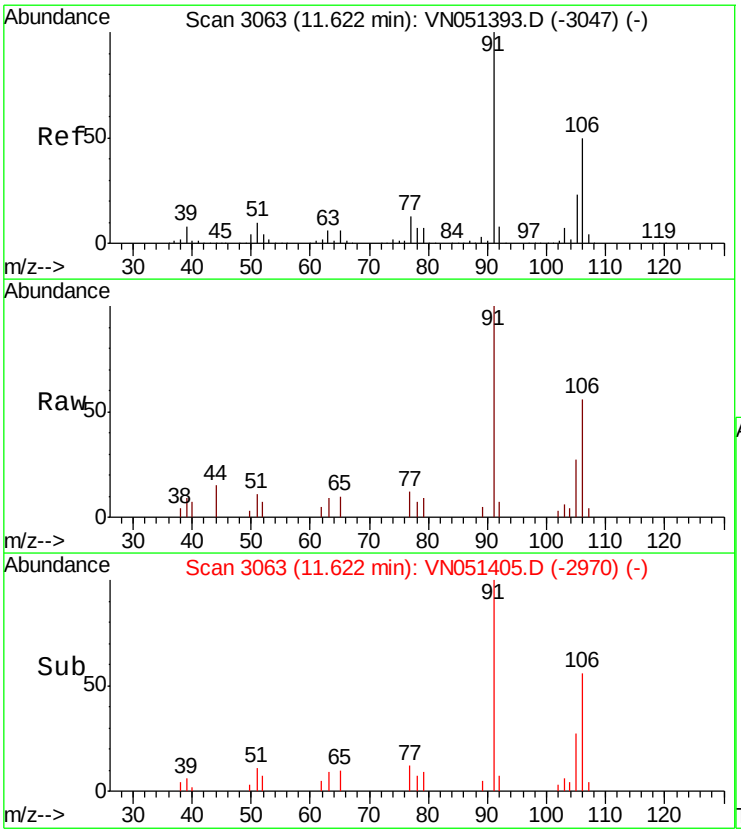
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument : MSVOA_N
ClientSampleId : PL-02-0920-18-A

Tgt Ion:117 Resp: 869746

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.2
119	32.6	25.9	38.9

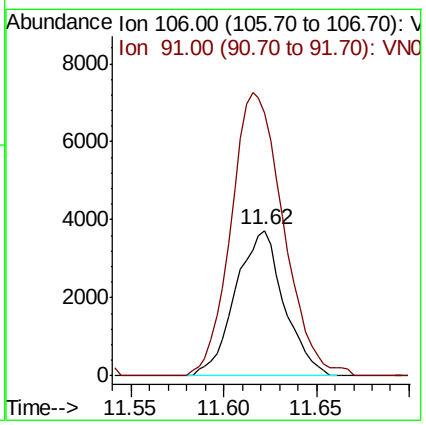


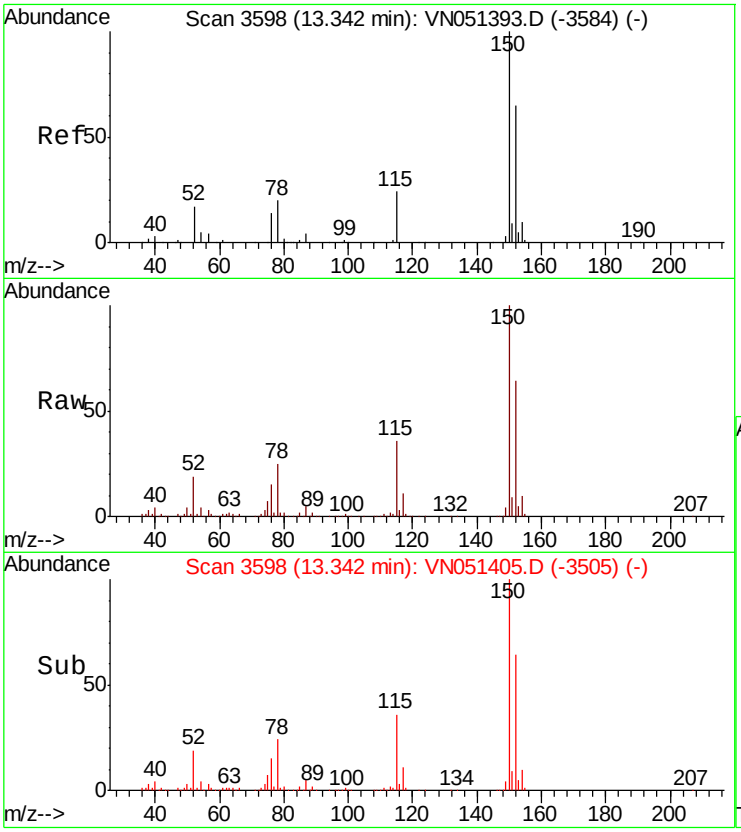


#68
m/p-Xylenes
Concen: 0.467 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:106 Resp: 6790

Ion	Ratio	Lower	Upper
106	100		
91	209.8	161.3	241.9



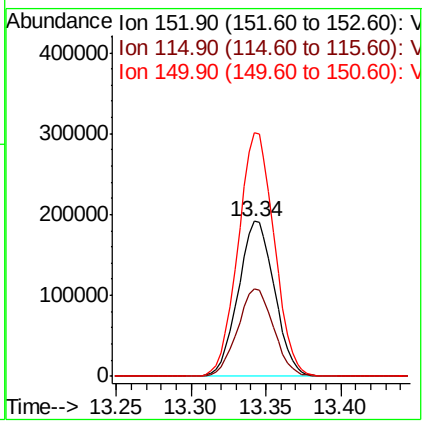


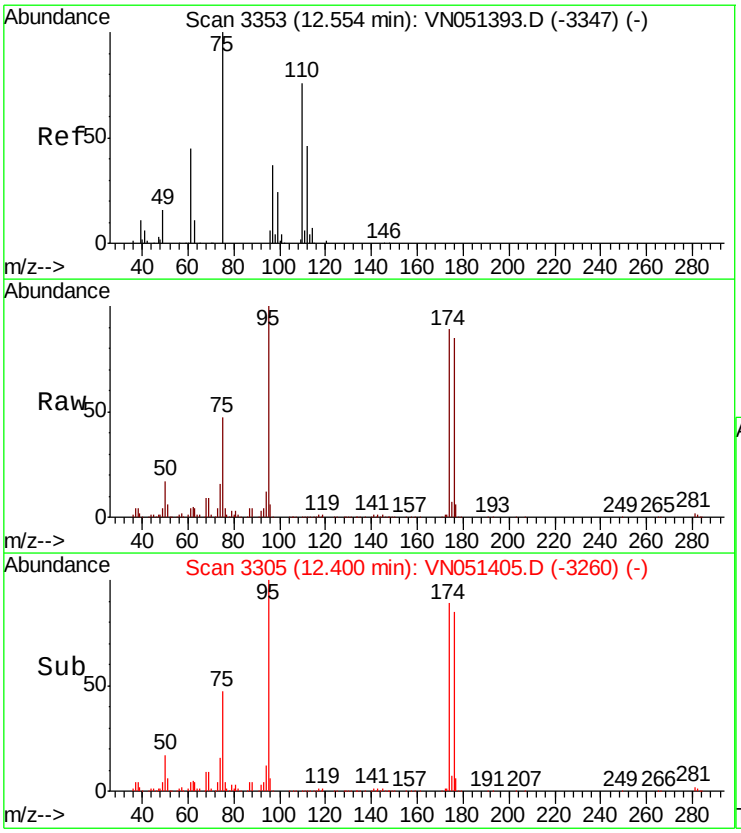
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion:152 Resp: 323780

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.3	84.9
150	156.3	0.0	353.6

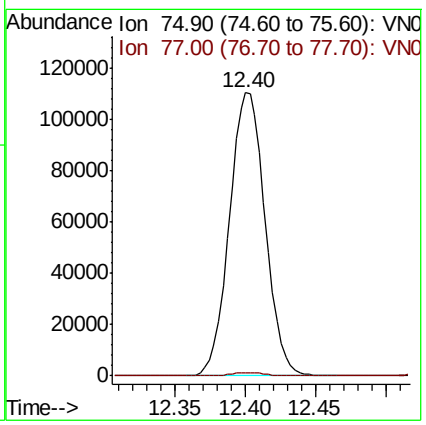


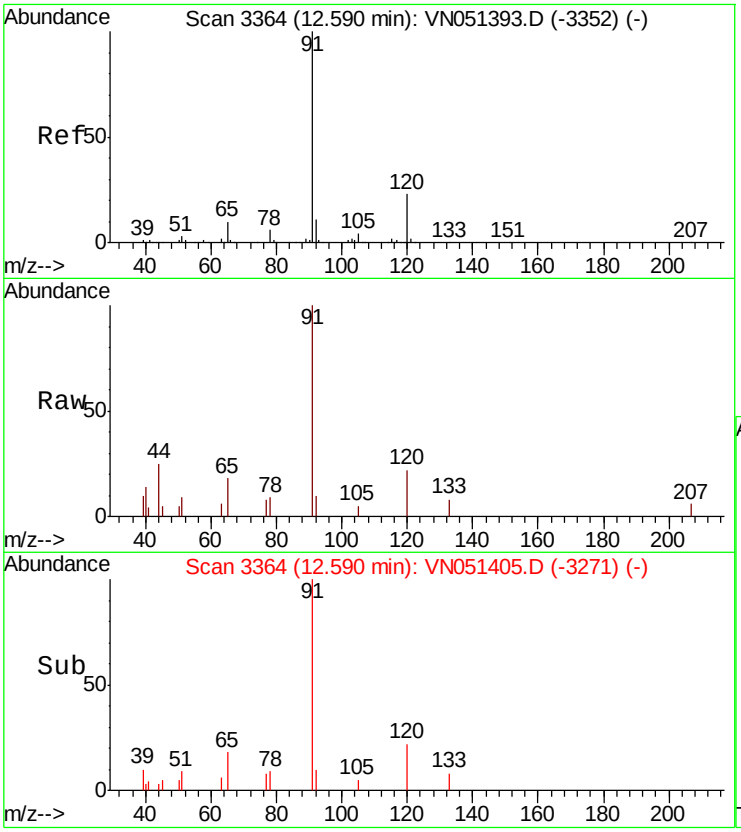


#76
1,2,3-Trichloropropane
Concen: 36.444 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 75 Resp: 195887

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



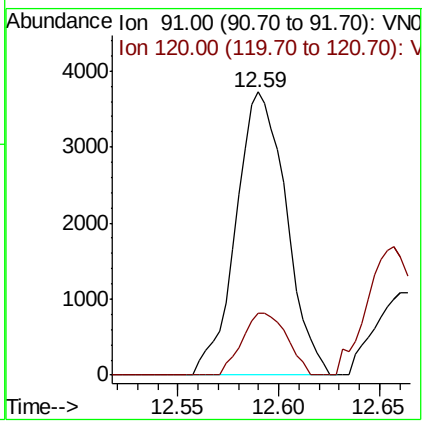


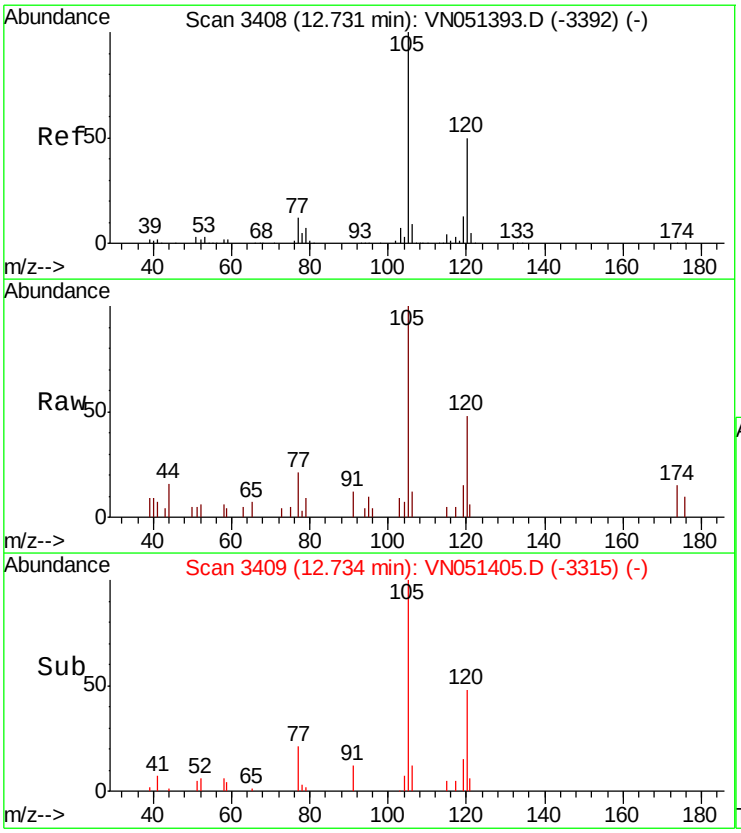
#78
n-propylbenzene
Concen: 0.211 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 91 Resp: 6494

Ion	Ratio	Lower	Upper
91	100		
120	19.6	11.9	35.5

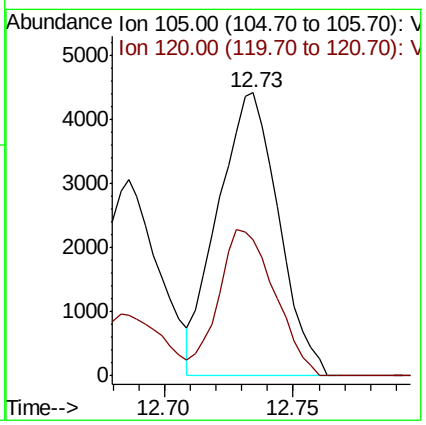


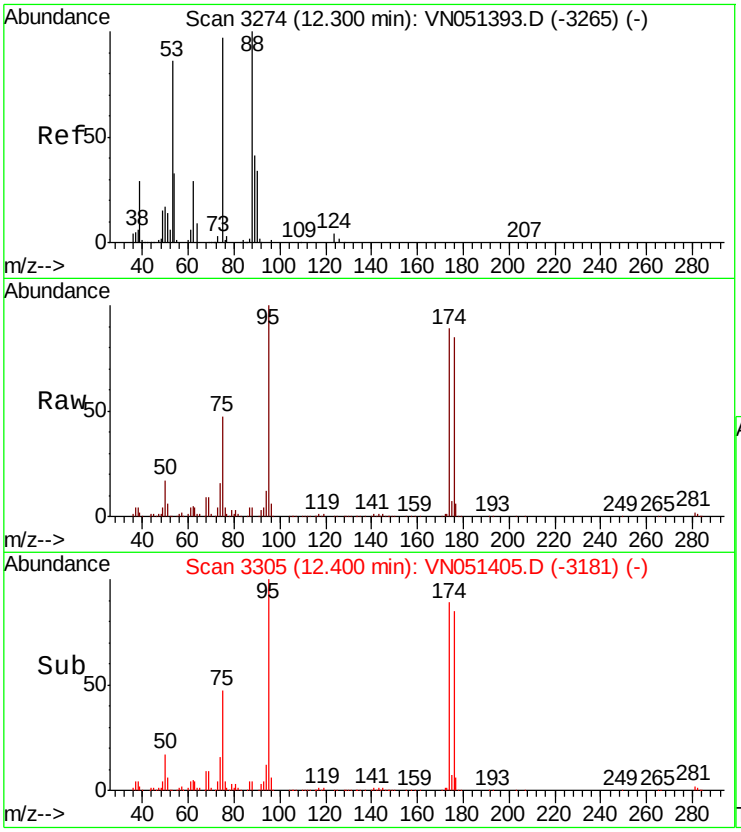


#80
1,3,5-Trimethylbenzene
Concen: 0.325 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:105 Resp: 7241

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.8	74.4



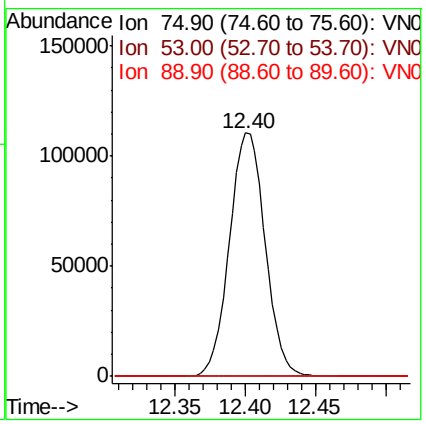


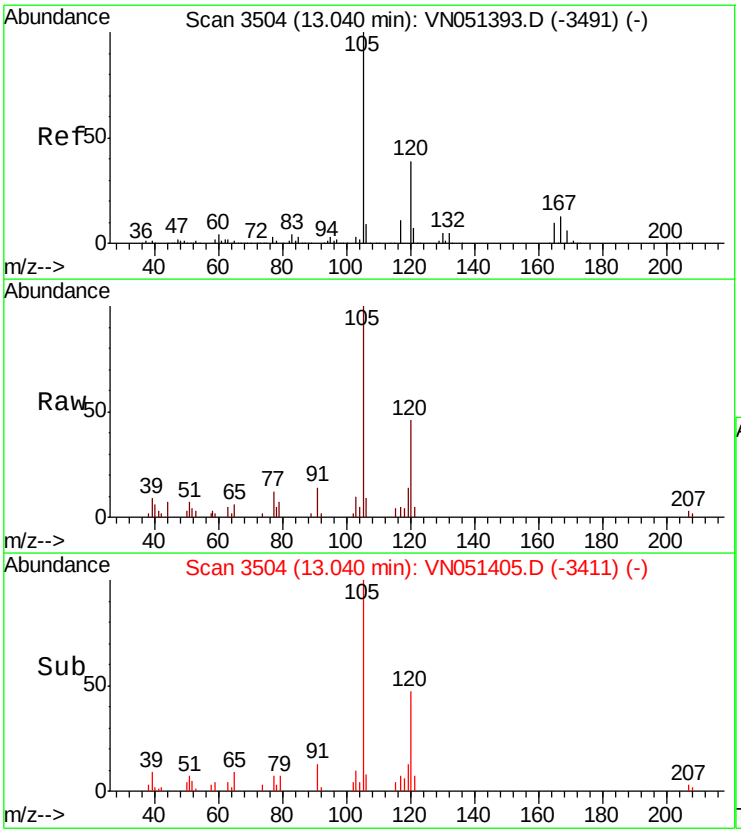
#81
trans-1,4-Dichloro-2-butene
Concen: 112.064 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 75 Resp: 195887

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.9	110.9#
89	0.0	36.7	55.1#

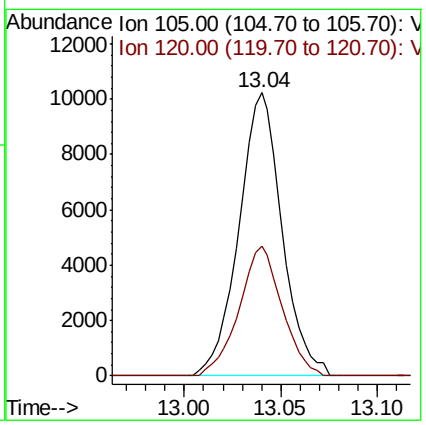


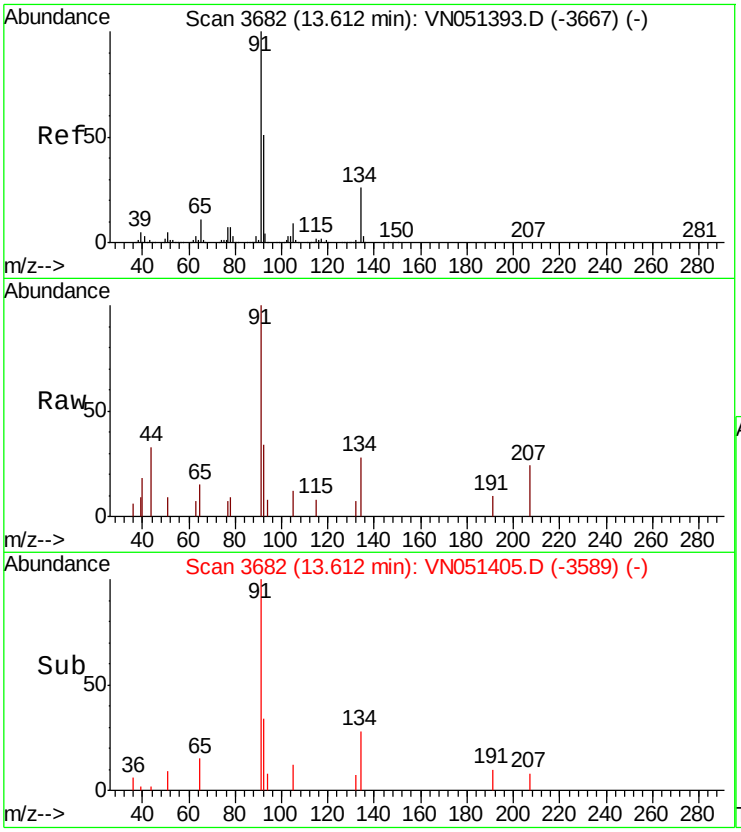


#84
1,2,4-Trimethylbenzene
Concen: 0.707 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:105 Resp: 15873

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.7



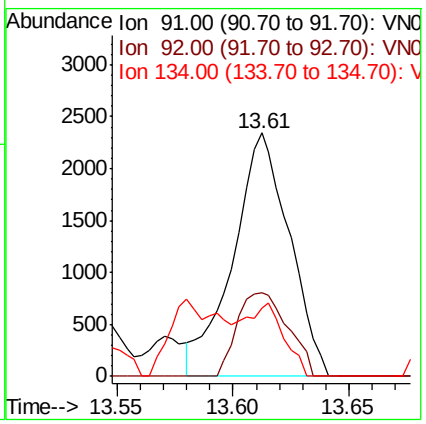


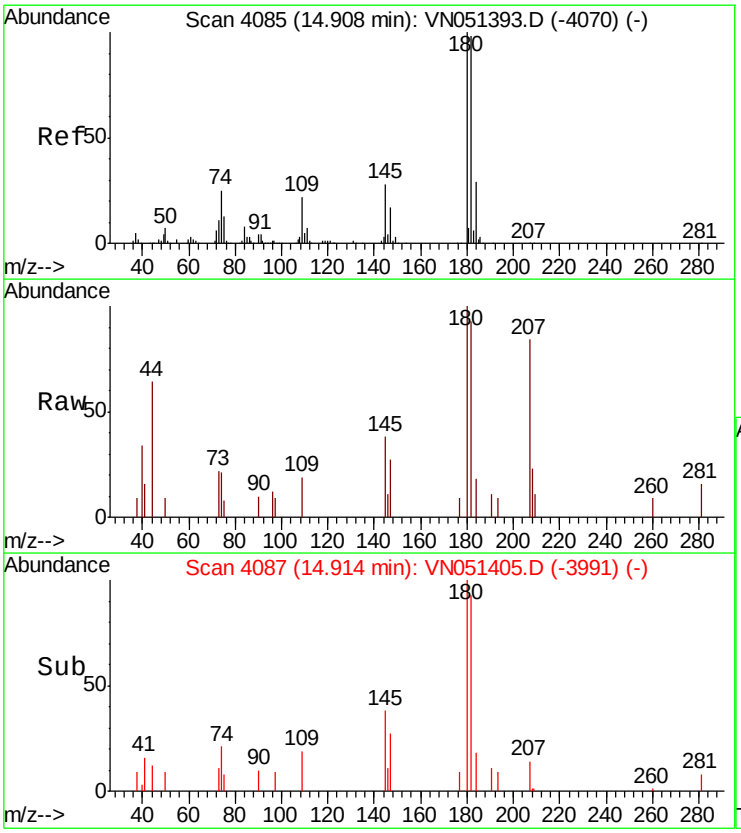
#89
n-Butylbenzene
Concen: 0.207 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 91 Resp: 3943

Ion	Ratio	Lower	Upper
91	100		
92	31.0	25.5	76.5
134	0.0	13.3	39.8#

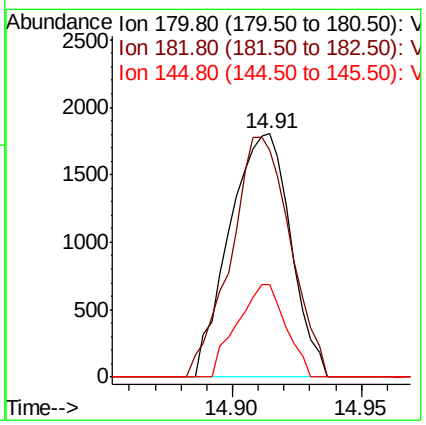


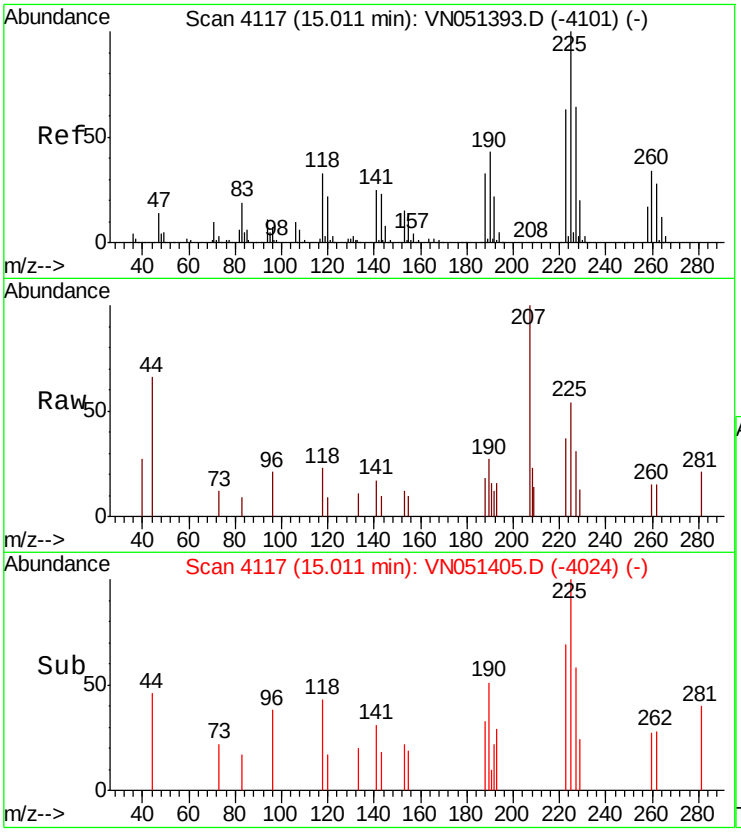


#93
1,2,4-Trichlorobenzene
Concen: 6.401 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:180 Resp: 2982

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.6
145	30.3	14.1	42.4



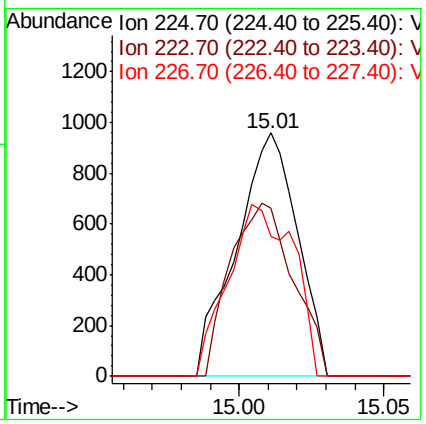


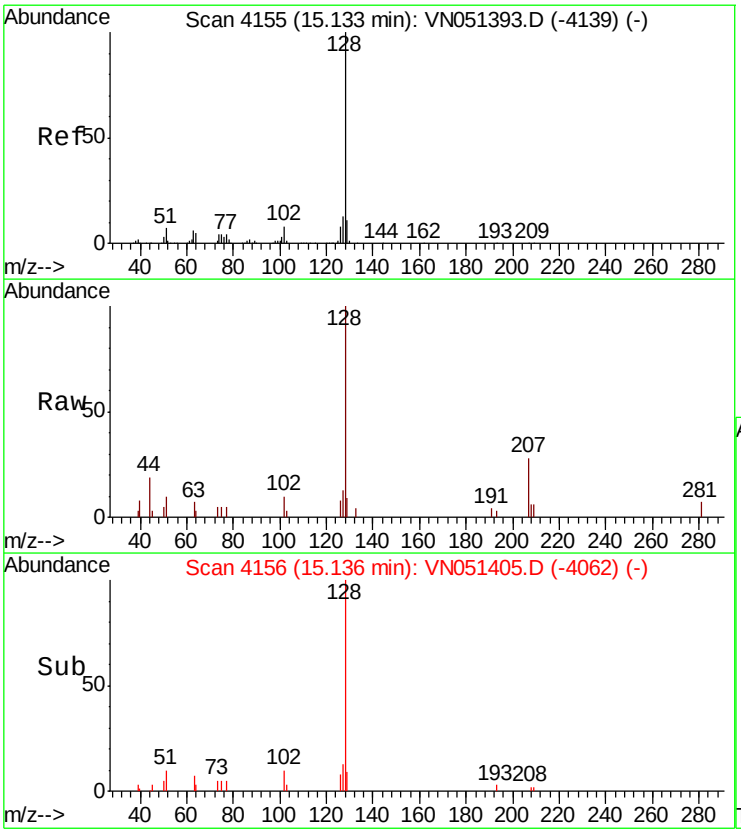
#94
Hexachlorobutadiene
Concen: 0.320 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion:225 Resp: 1406

Ion	Ratio	Lower	Upper
225	100		
223	73.4	31.9	95.9
227	75.0	32.5	97.5

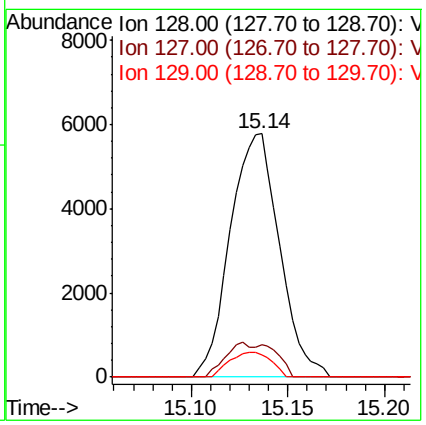


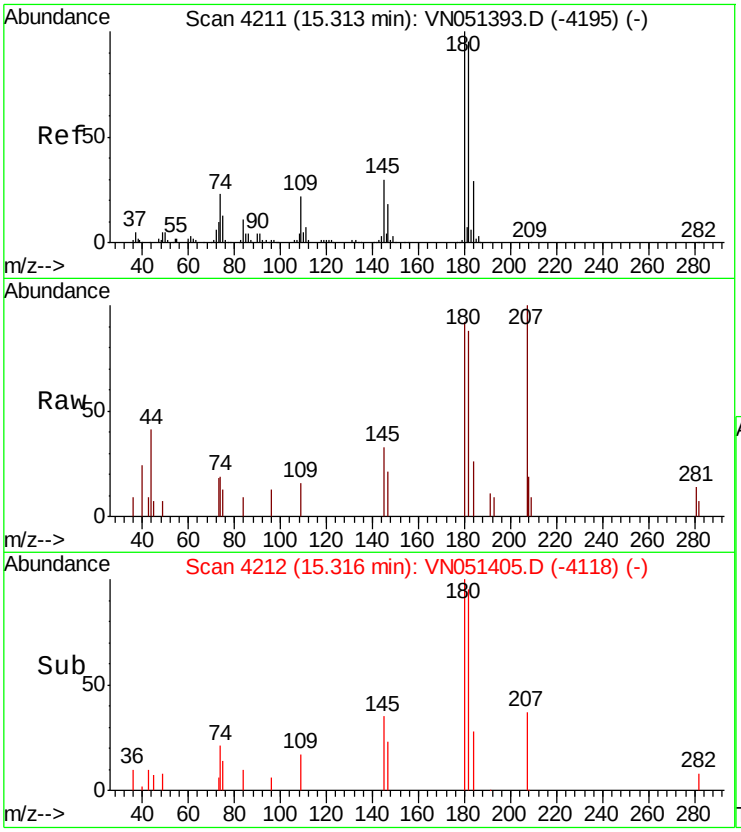


#95
Naphthalene
Concen: 8.759 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion:128 Resp: 10248

Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.5	15.7#
129	8.7	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.679 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion:180 Resp: 3784

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.2	141.6
145	30.5	14.6	43.8