Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081718\
Data File : VN050726.D
Acq On : 17 Aug 2018 13:33
Operator : MD\SY
Sample : PB112140TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Aug 17 23:13:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	624698	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1006588	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	863112	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282680	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	421142	53.48	ug/l		0.00
Spiked Amount 50.000			Recovery =	106.96%			
35) Dibromofluoromethane	7.59	113	393791	49.00	ug/l		0.00
Spiked Amount 50.000			Recovery =	98.00%			
50) Toluene-d8	10.09	98	1402247	46.36	ug/l		0.00
Spiked Amount 50.000			Recovery =	92.72%			
62) 4-Bromofluorobenzene	12.40	95	367344	36.76	ug/l		0.00
Spiked Amount 50.000			Recovery =	73.52%			
Target Compounds							Qvalue
3) Chloromethane	2.06	50	2710	Below Cal		#	81
5) Bromomethane	2.57	94	3921	Below Cal			95
6) Chloroethane	2.71	64	172	Below Cal		#	43
10) Methyl Iodide	3.96	142	858	7.09	ug/l	#	82
16) Acetone	3.83	43	27298	12.51	ug/l		97
17) Carbon Disulfide	4.05	76	5544	0.26	ug/l		95
18) Methyl Acetate	4.33	43	11615	1.13	ug/l	#	82
20) Methylene Chloride	4.56	84	20449	1.50	ug/l		96
25) 2-Butanone	6.85	43	4369	1.35	ug/l		96
29) Tetrahydrofuran	7.21	42	809	0.48	ug/l	#	58
31) Cyclohexane	7.67	56	11841	0.65	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	42929	3.83	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	56319	4.85	ug/l	#	16
43) Isopropyl Acetate	8.17	43	240348	20.82	ug/l		99
48) Methyl methacrylate	9.18	41	6310	1.09	ug/l	#	23
51) 4-Methyl-2-Pentanone	9.99	43	3685	0.47	ug/l	#	64
56) Ethyl methacrylate	10.43	69	188	1.92	ug/l	#	73
58) 2-Chloroethyl Vinyl ether	9.70	63	111	10.44	ug/l	#	48
59) 2-Hexanone	10.77	43	20223	4.01	ug/l	#	60
70) Styrene	11.97	104	1574	1.01	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.50	83	225	Below Cal		#	93
76) 1,2,3-Trichloropropane	12.40	75	174706	38.01	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	4680	0.26	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	174706	137.40	ug/l	#	13
87) 1,3-Dichlorobenzene	13.28	146	2220	0.22	ug/l		94
88) 1,4-Dichlorobenzene	13.28	146	2220	0.22	ug/l		94
91) 1,2-Dichlorobenzene	13.65	146	2356	0.24	ug/l		94
92) 1,2-Dibromo-3-Chloropropan	14.26	75	250	0.32	ug/l	#	11
93) 1,2,4-Trichlorobenzene	14.92	180	3365	3.30	ug/l		91
94) Hexachlorobutadiene	15.01	225	1403	0.46	ug/l		95
95) Naphthalene	15.14	128	7597	4.51	ug/l		96
96) 1,2,3-Trichlorobenzene	15.32	180	3586	2.66	ug/l	#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081718\
Data File : VN050726.D
Acq On : 17 Aug 2018 13:33
Operator : MD\SY
Sample : PB112140TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Aug 17 23:13:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081718\
Data File : VN050726.D
Acq On : 17 Aug 2018 13:33
Operator : MD\SY
Sample : PB112140TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 17 23:13:07 2018
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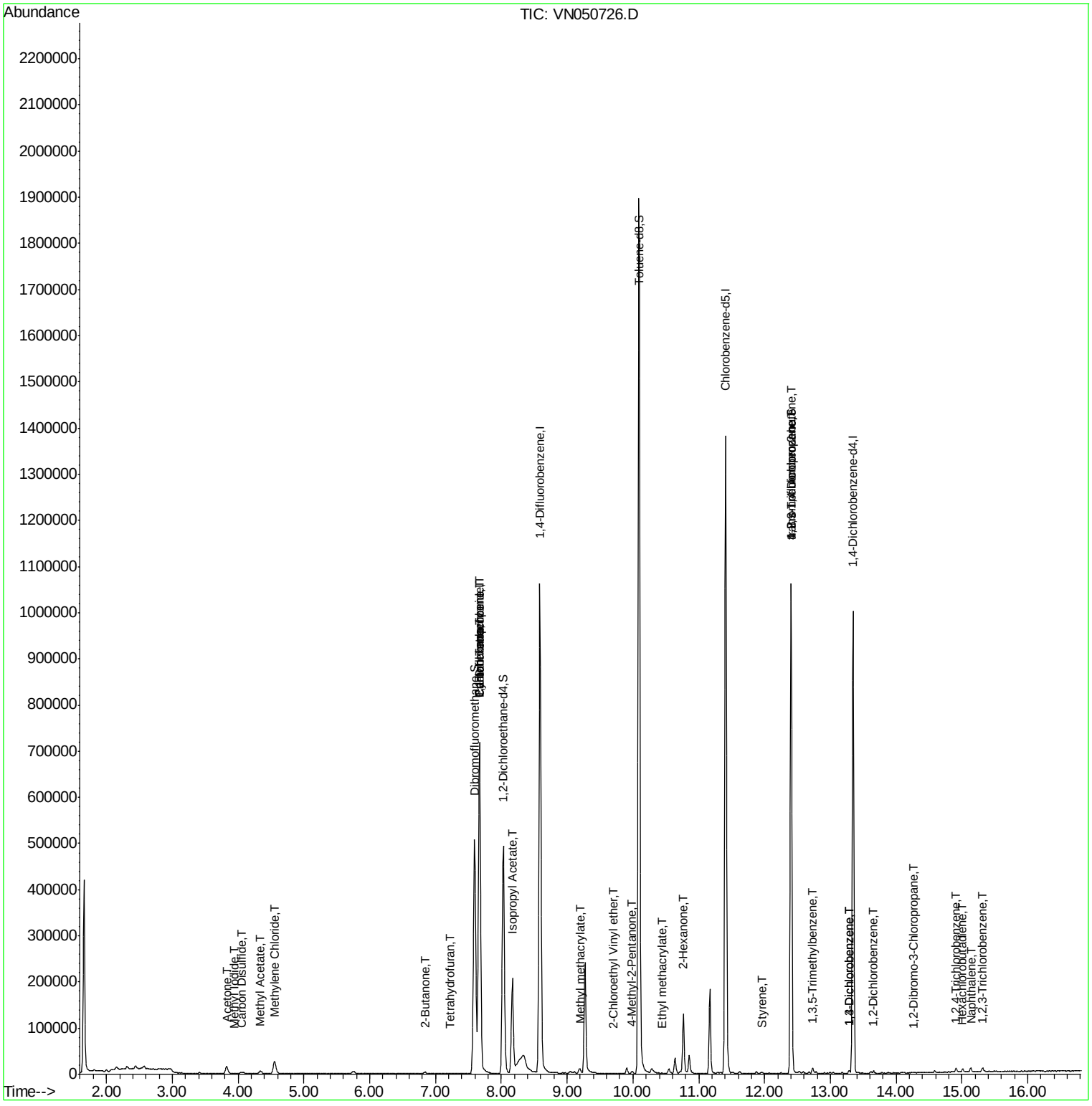
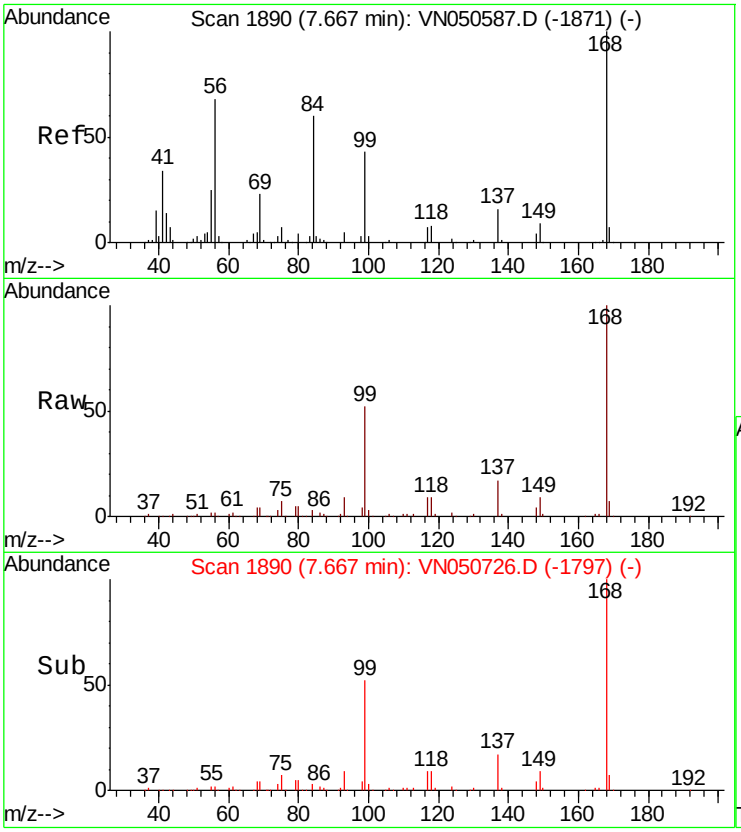
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

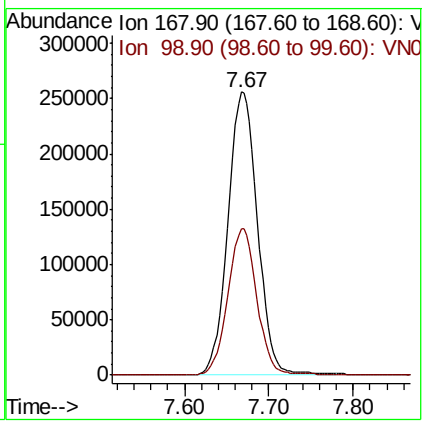




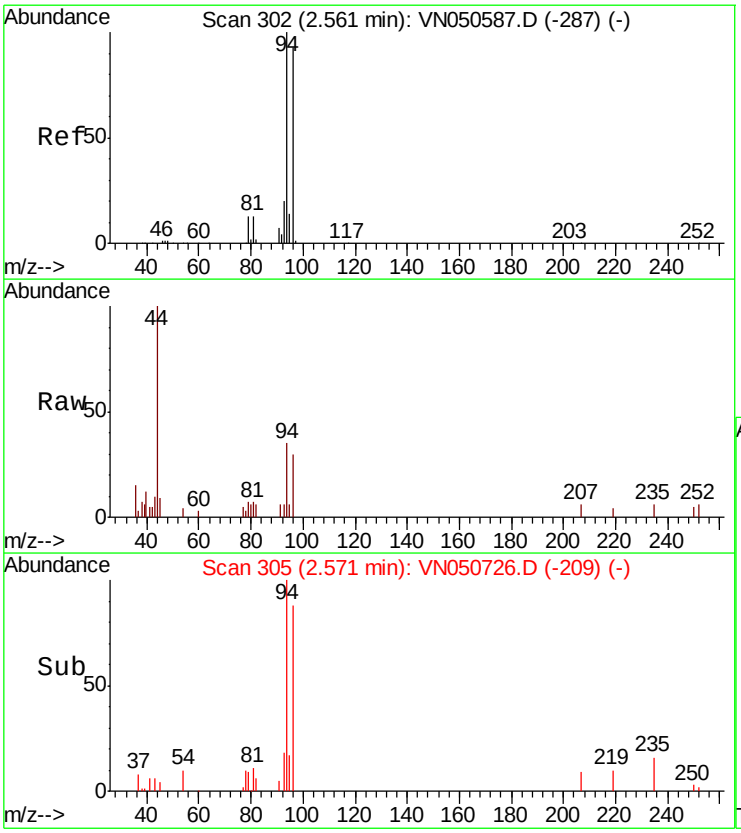
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:168 Resp: 624698

Ion	Ratio	Lower	Upper
168	100		
99	51.9	40.8	61.2



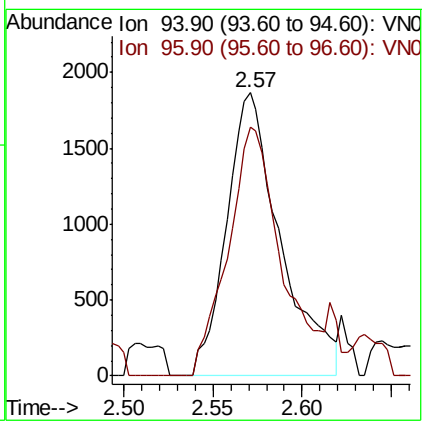
Instrument :
MSVOA_N
ClientSampleId :

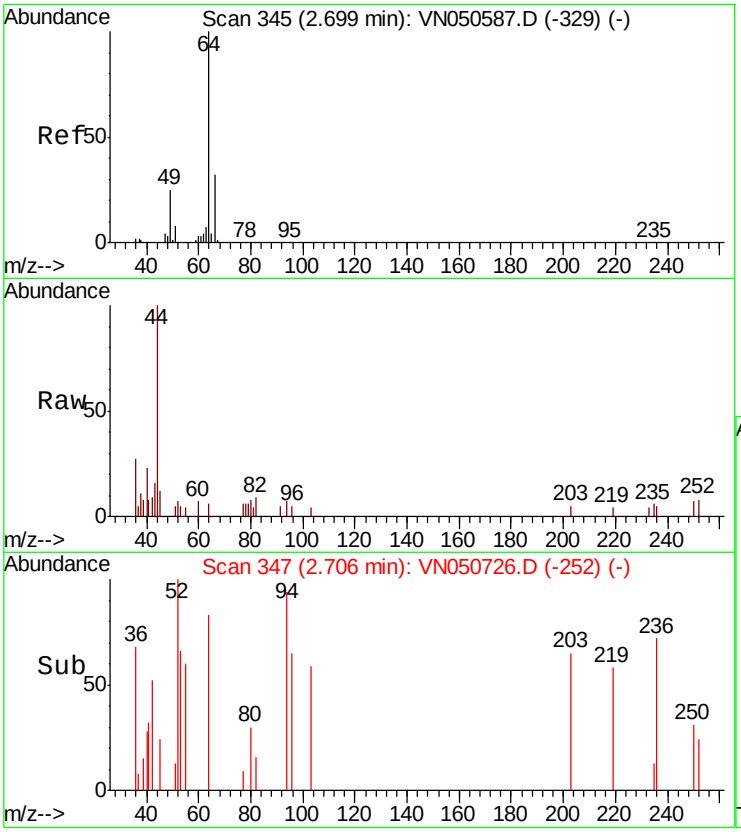


#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 305
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 94 Resp: 3921

Ion	Ratio	Lower	Upper
94	100		
96	87.7	74.0	111.0



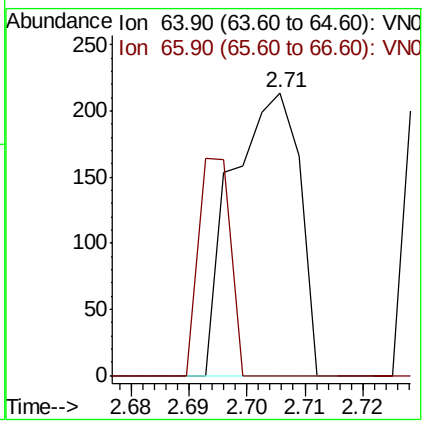


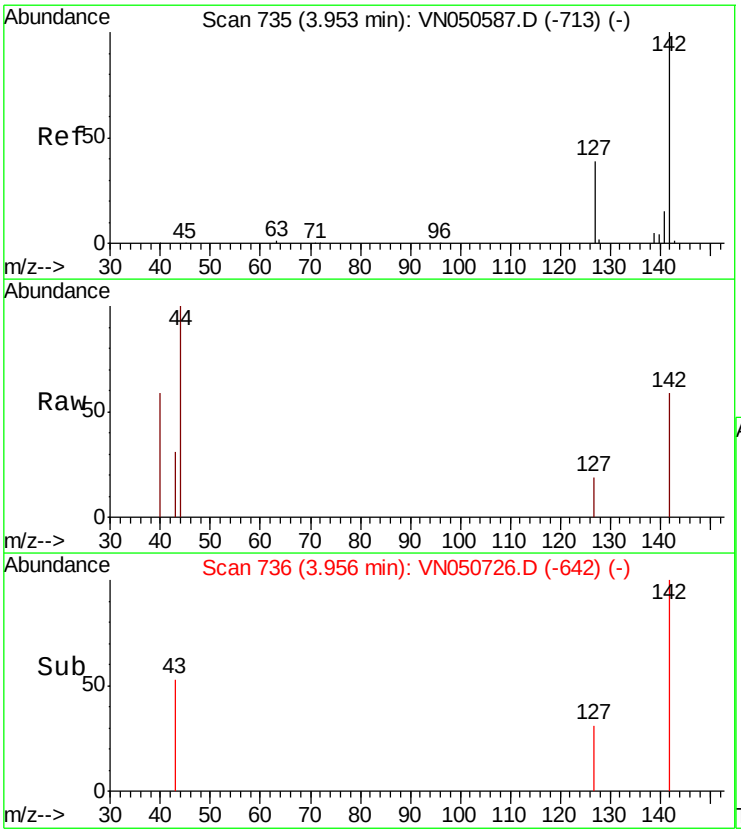
#6
Chloroethane
Concen: Below Cal
RT: 2.71 min Scan# 347
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 64 Resp: 172

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#

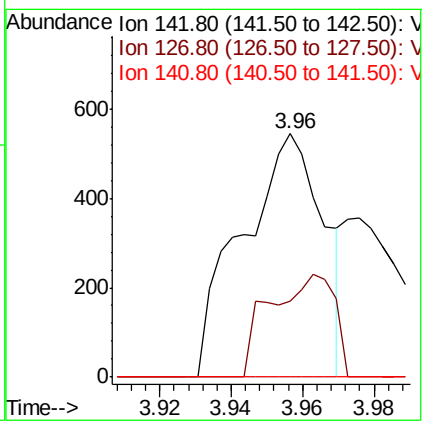


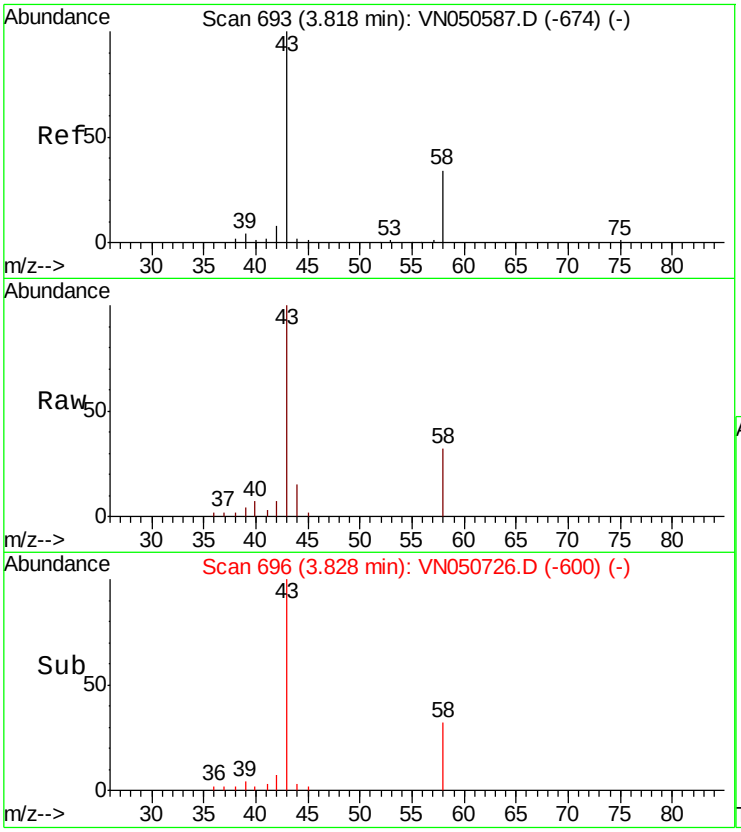


#10
Methyl Iodide
Concen: 7.09 ug/l
RT: 3.96 min Scan# 736
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:142 Resp: 858

Ion	Ratio	Lower	Upper
142	100		
127	33.6	32.6	49.0
141	0.0	11.5	17.3#



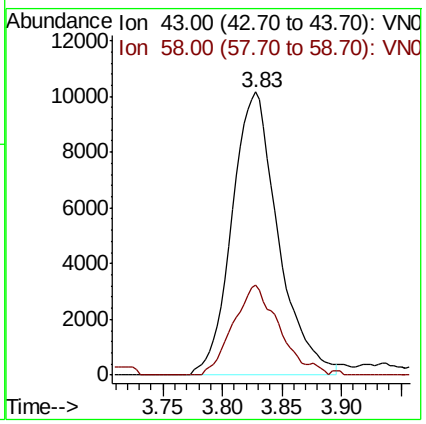


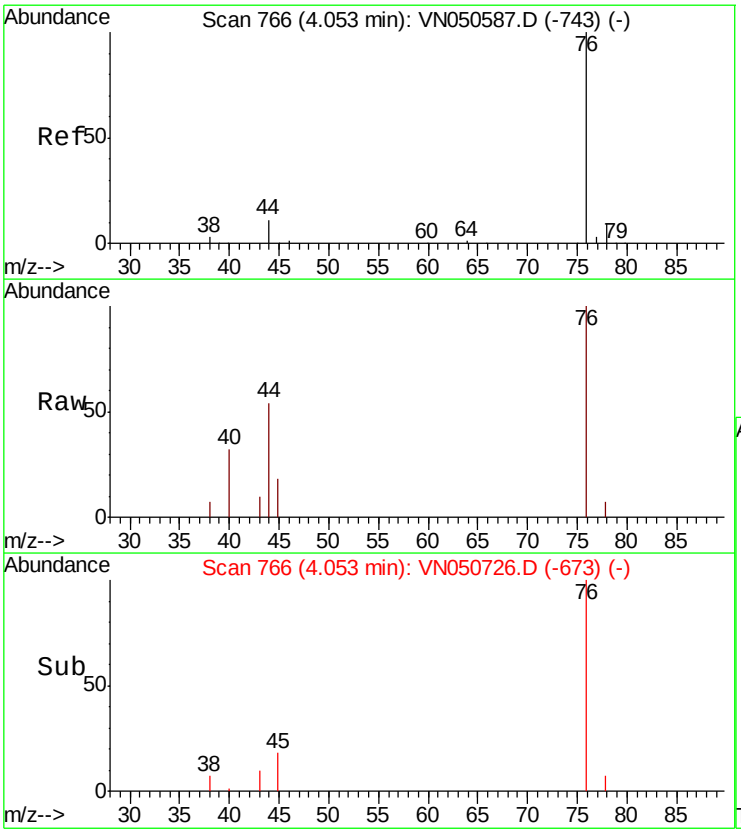
#16
Acetone
Concen: 12.51 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 27298

Ion	Ratio	Lower	Upper
43	100		
58	32.0	27.1	40.7

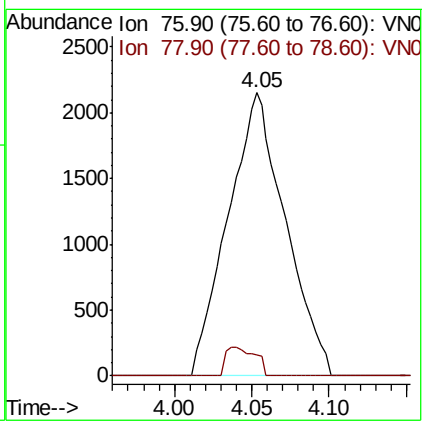


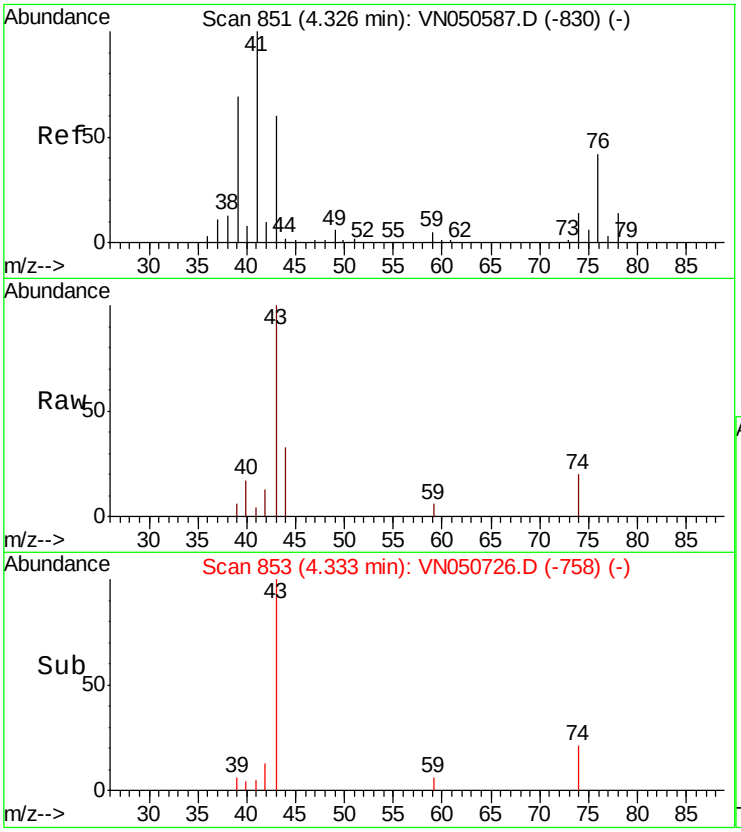


#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 4.05 min Scan# 766
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 76 Resp: 5544

Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.3	10.9



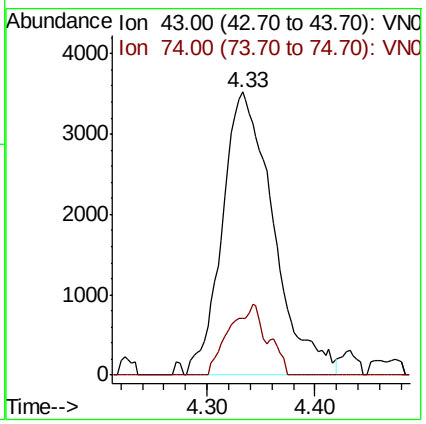


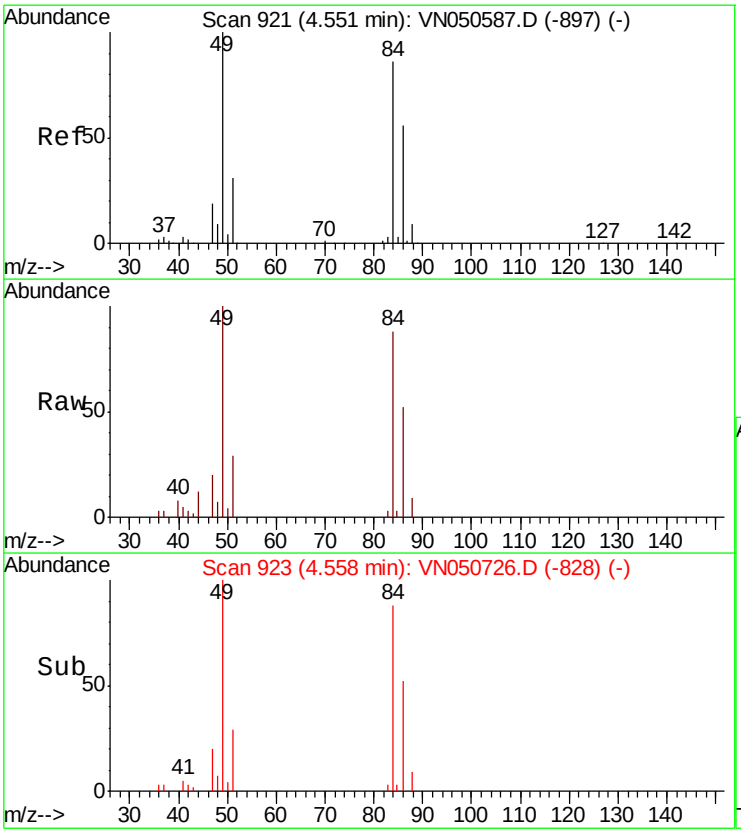
#18
Methyl Acetate
Concen: 1.13 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 11615

Ion	Ratio	Lower	Upper
43	100		
74	15.9	19.7	29.5#

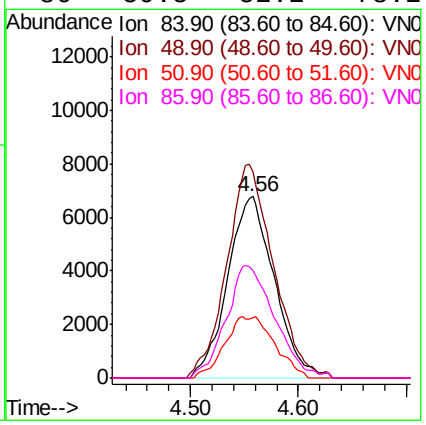


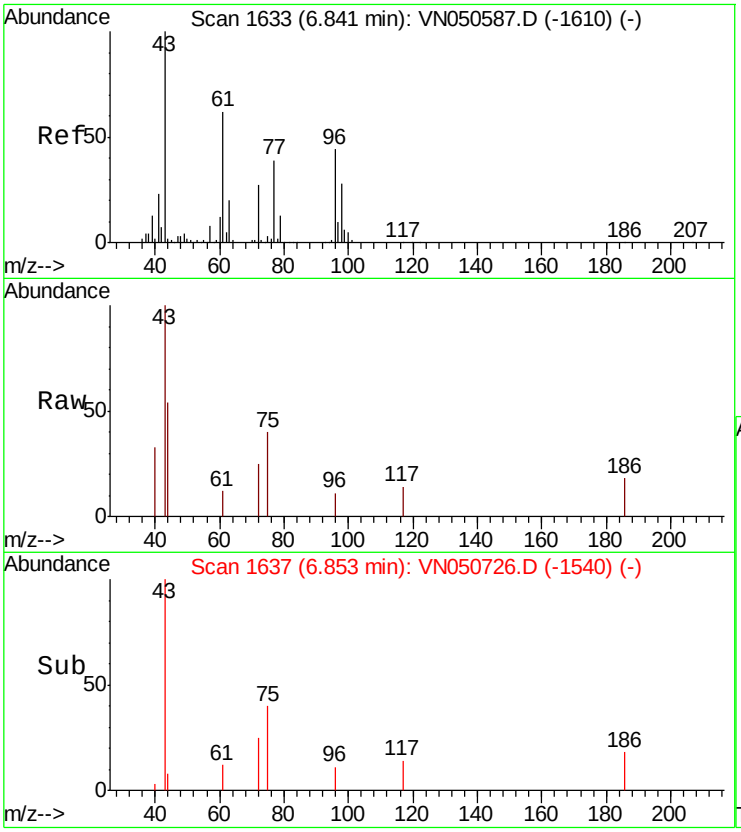


#20
Methylene Chloride
Concen: 1.50 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 84 Resp: 20449

Ion	Ratio	Lower	Upper
84	100		
49	113.7	92.6	138.8
51	33.5	28.6	43.0
86	59.5	52.2	78.2



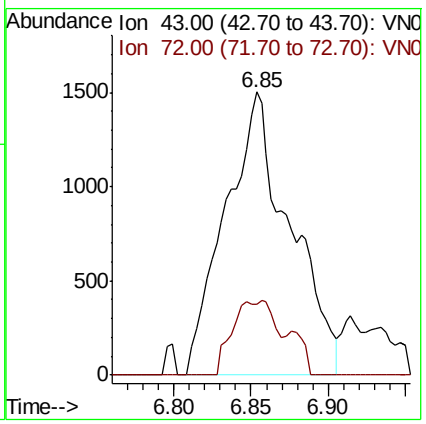


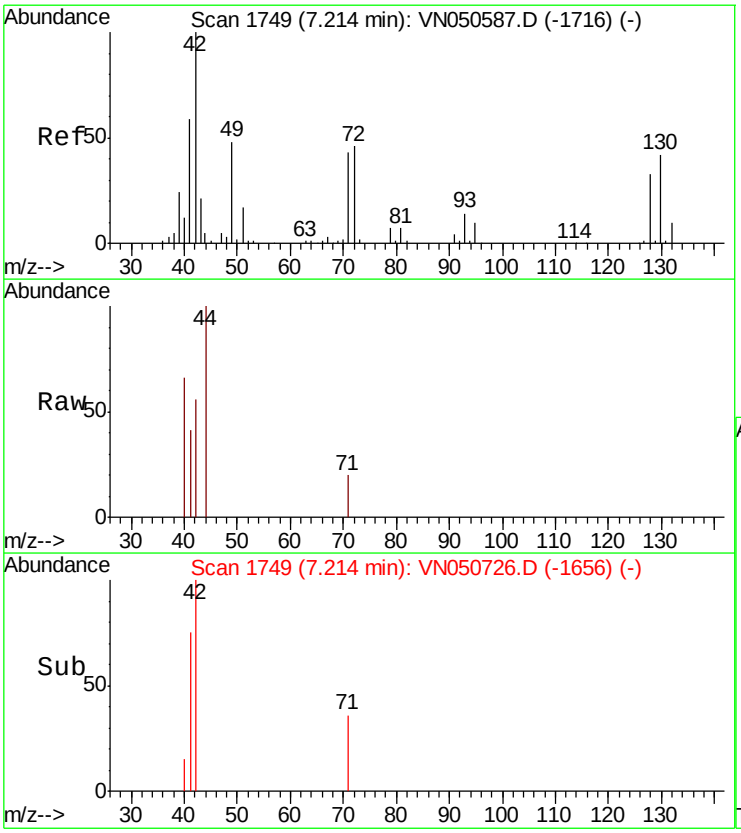
#25
2-Butanone
Concen: 1.35 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4369

Ion	Ratio	Lower	Upper
43	100		
72	25.0	21.8	32.6

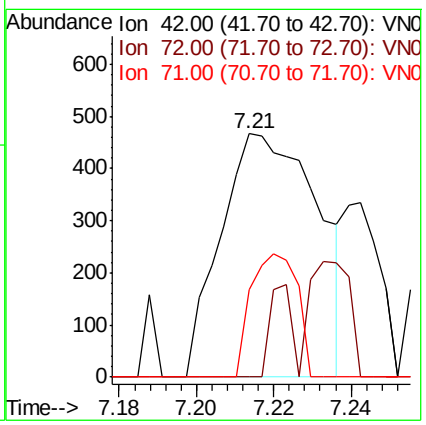


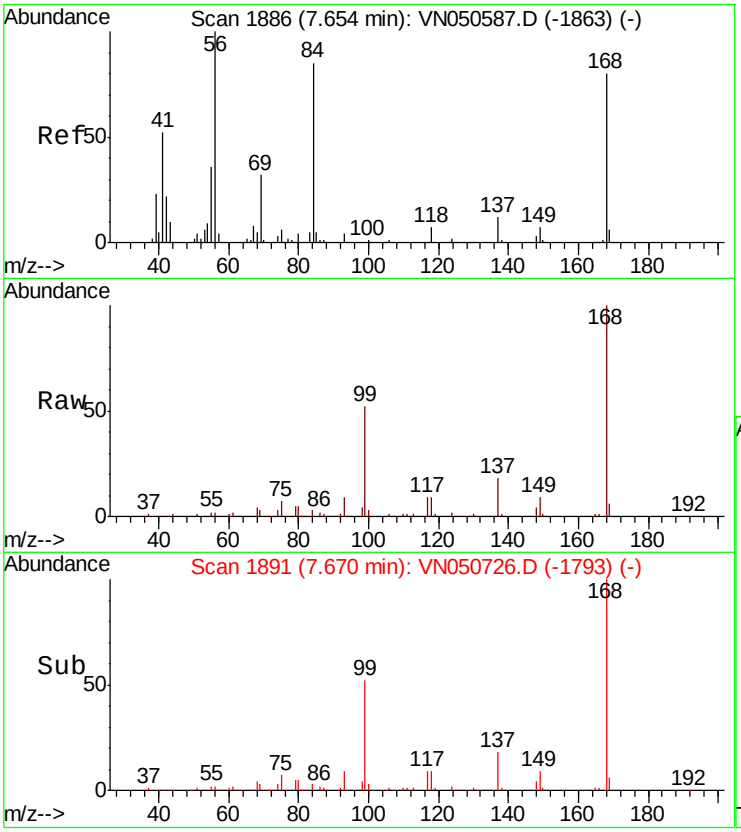


#29
Tetrahydrofuran
Concen: 0.48 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 42 Resp: 809

Ion	Ratio	Lower	Upper
42	100		
72	8.3	35.8	53.6#
71	24.4	33.4	50.0#



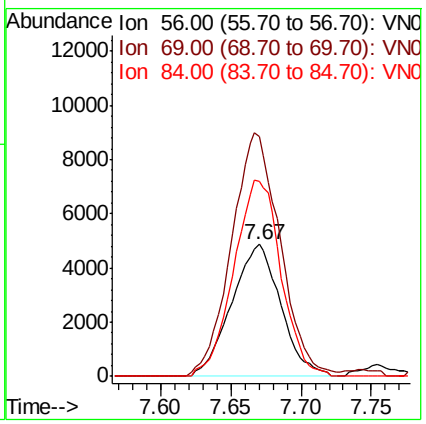


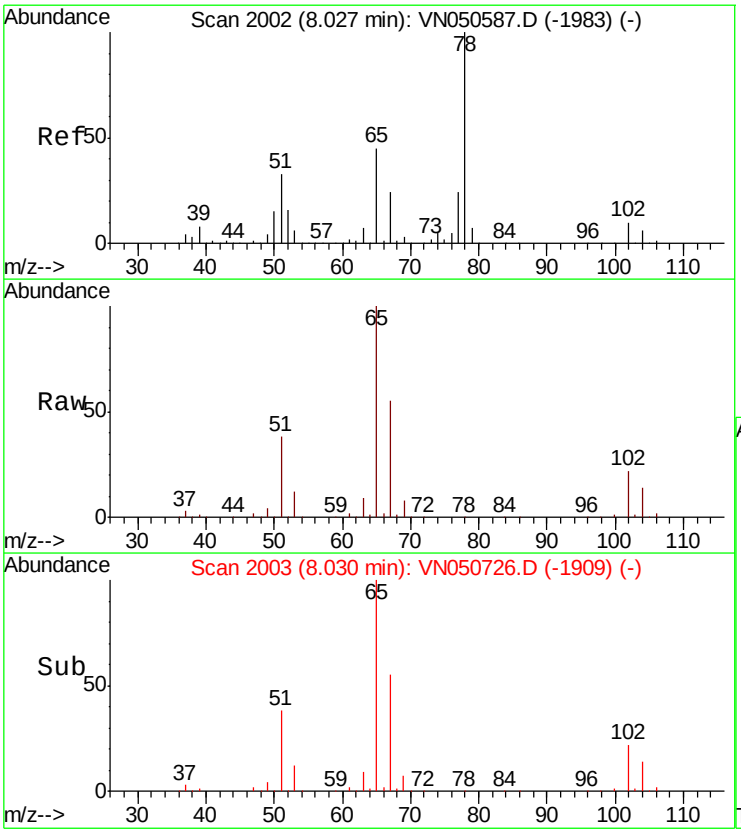
#31
Cyclohexane
Concen: 0.65 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 11841

Ion	Ratio	Lower	Upper
56	100		
69	181.9	25.8	38.6#
84	147.2	67.8	101.6#

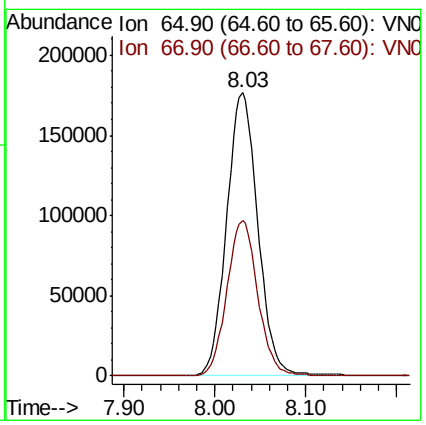


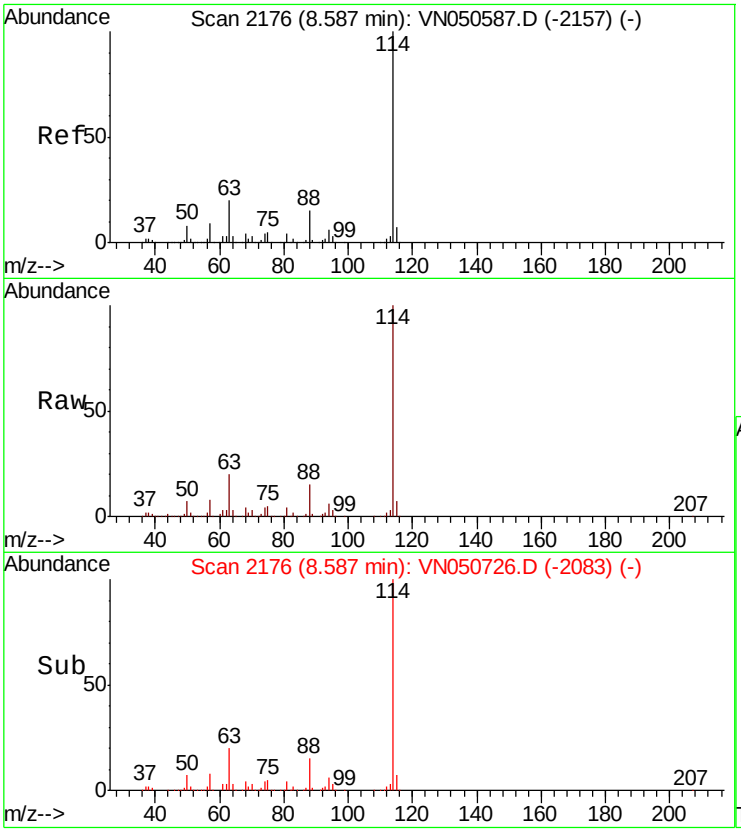


#33
1,2-Dichloroethane-d4
Concen: 53.48 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 65 Resp: 421142

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.8



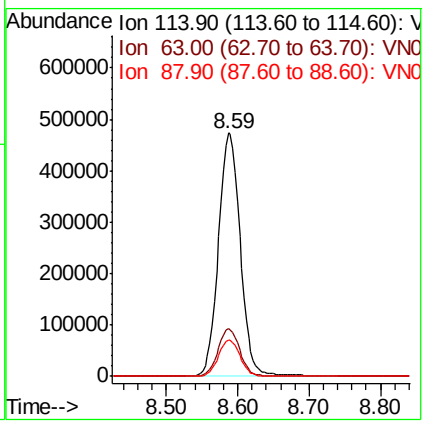


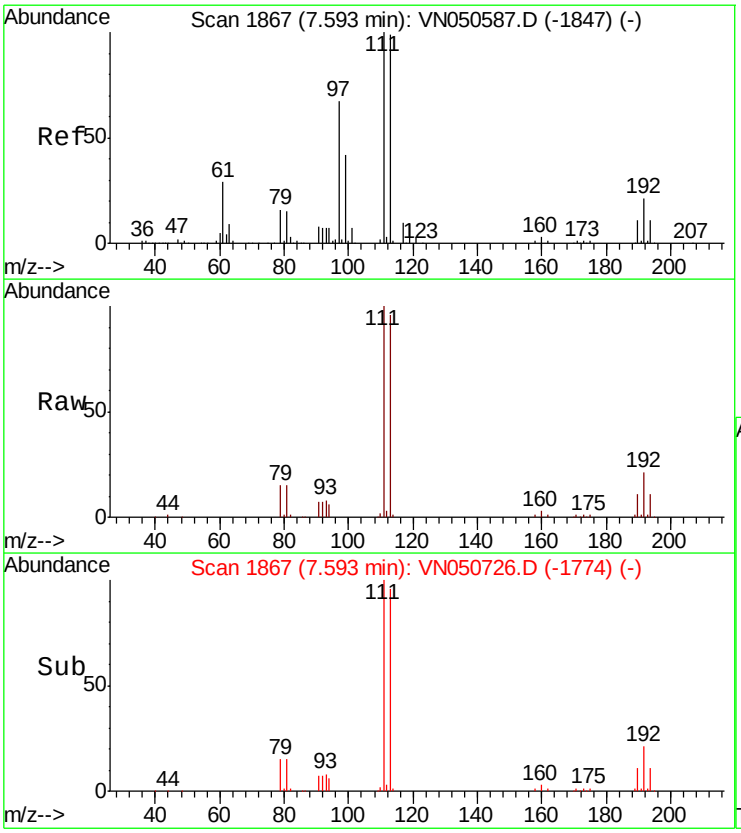
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 1006588

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	15.0	0.0	30.8

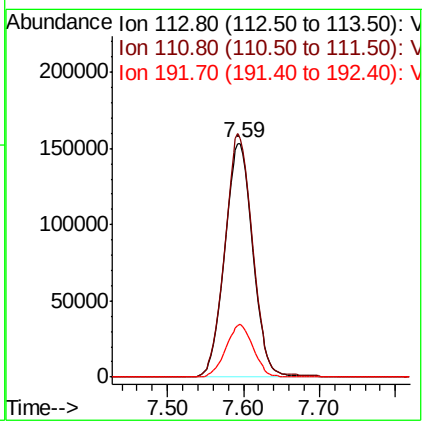


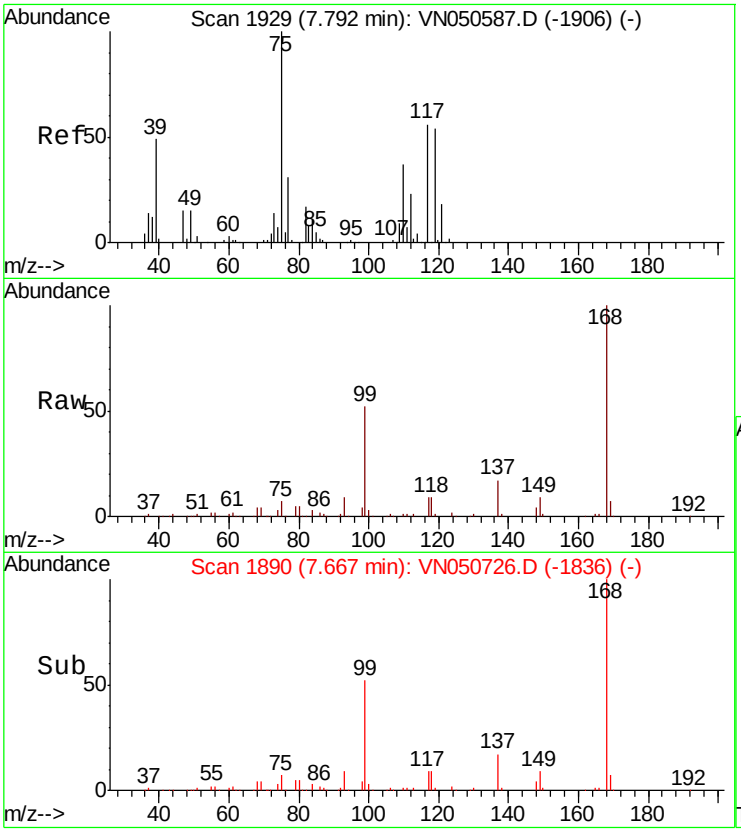


#35
Dibromofluoromethane
Concen: 49.00 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:113 Resp: 393791

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.6
192	22.1	17.6	26.4



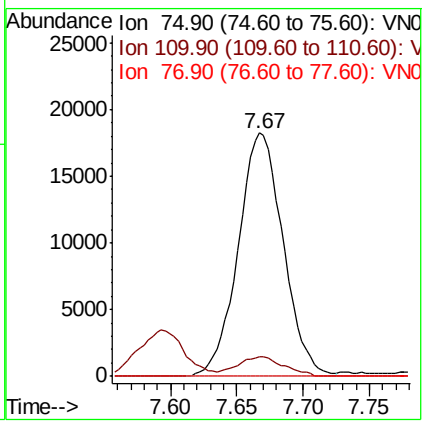


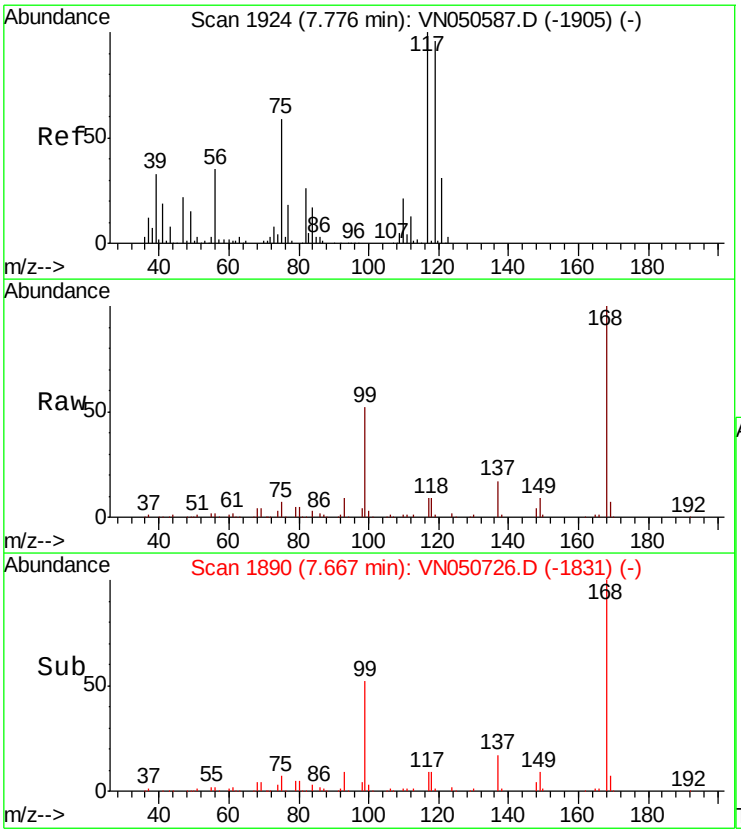
#36
1,1-Dichloropropene
Concen: 3.83 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 42929

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.3	54.9#
77	0.0	25.0	37.4#

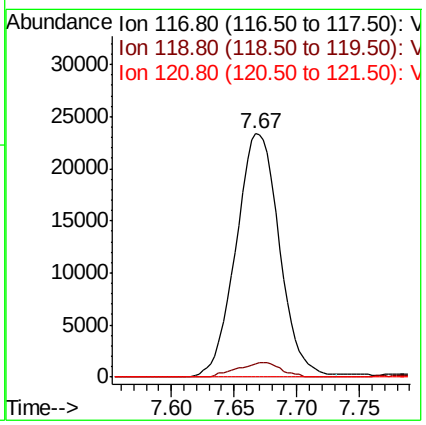


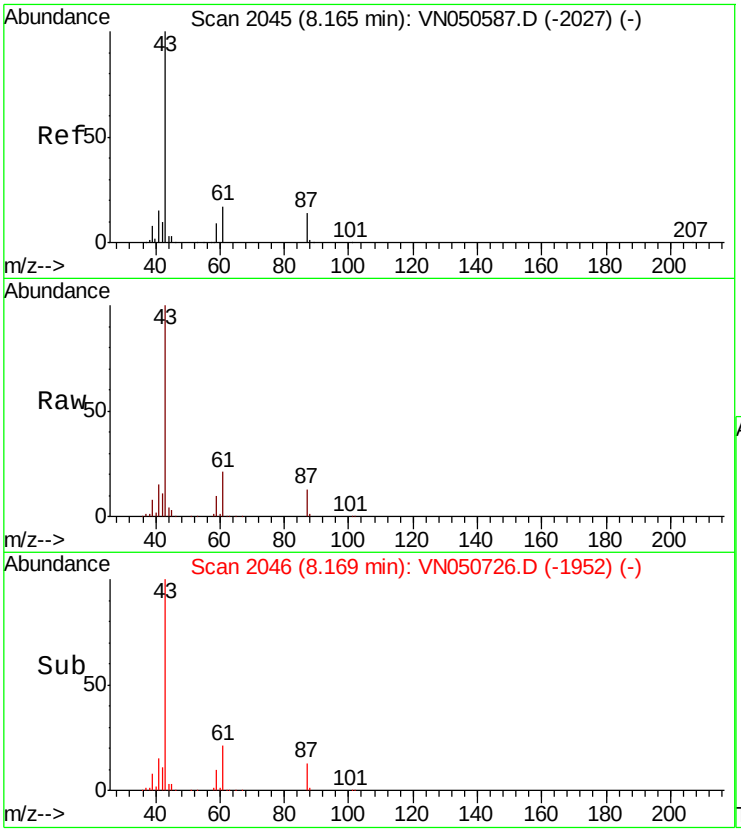


#38
Carbon Tetrachloride
Concen: 4.85 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:117 Resp: 56319

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.6	115.0#
121	0.0	25.0	37.6#



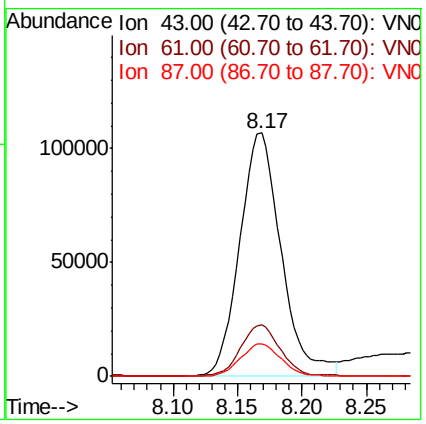


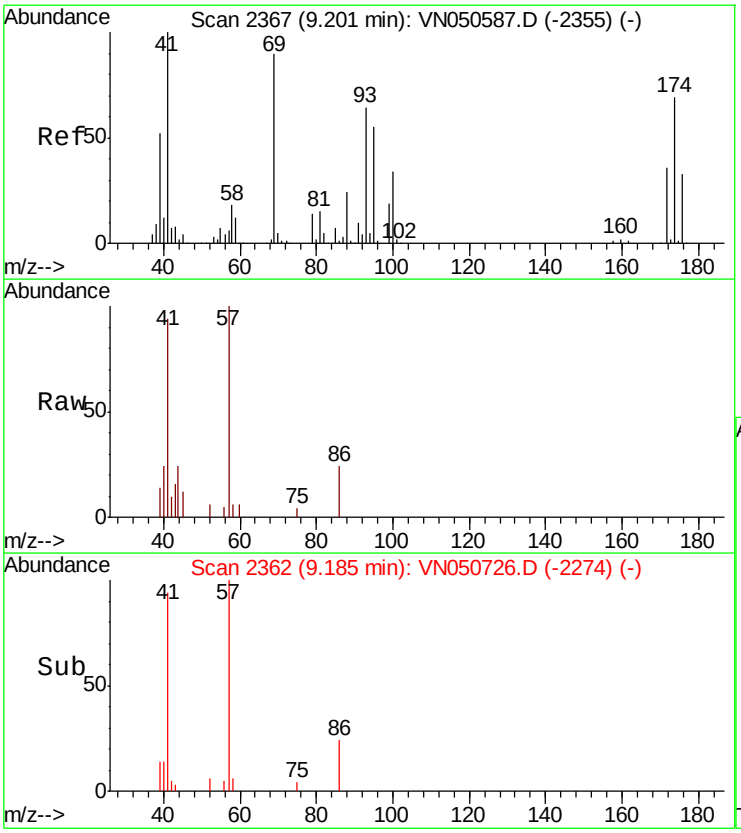
#43
Isopropyl Acetate
Concen: 20.82 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 240348

Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.0	10.9	16.3

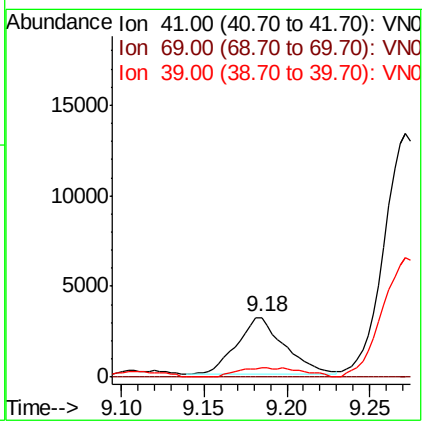


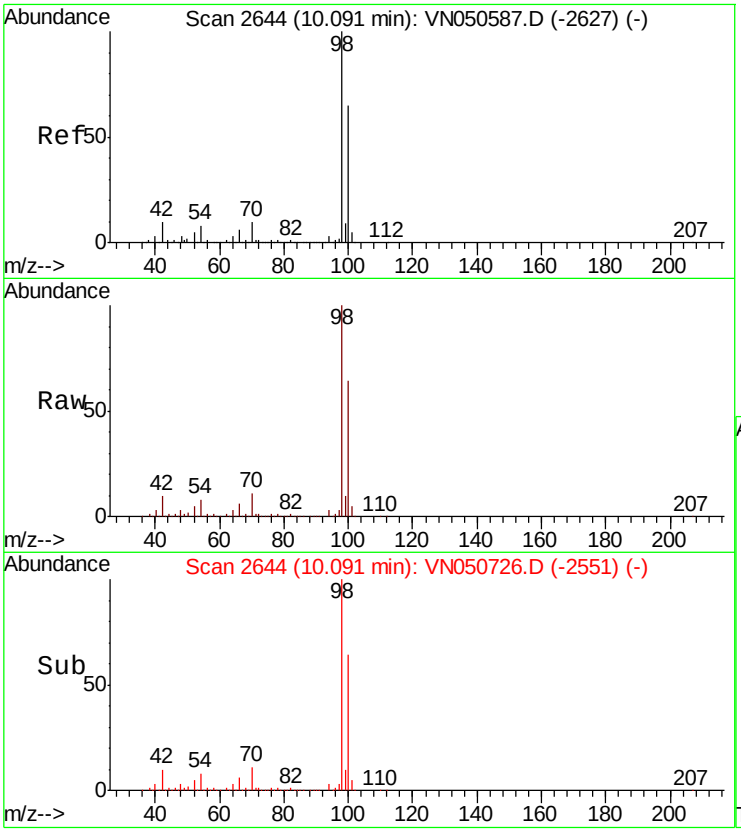


#48
Methyl methacrylate
Concen: 1.09 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 41 Resp: 6310

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.4	110.0#
39	21.8	43.0	64.6#



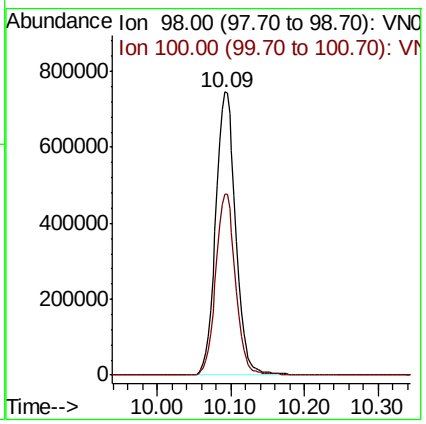


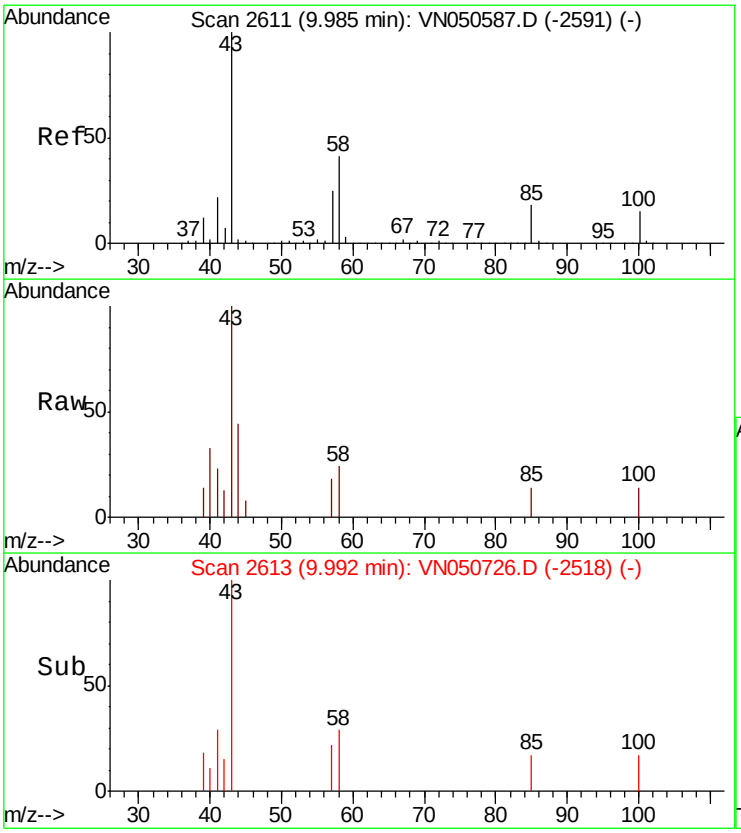
#50
Toluene-d8
Concen: 46.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 1402247

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.8	77.8

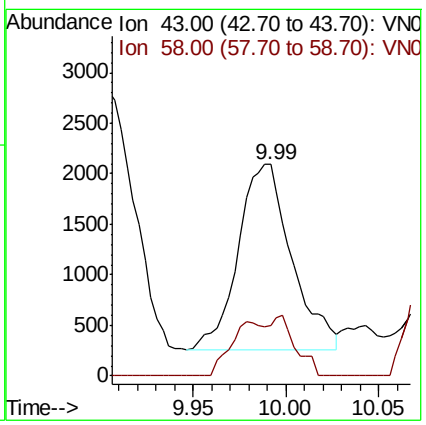


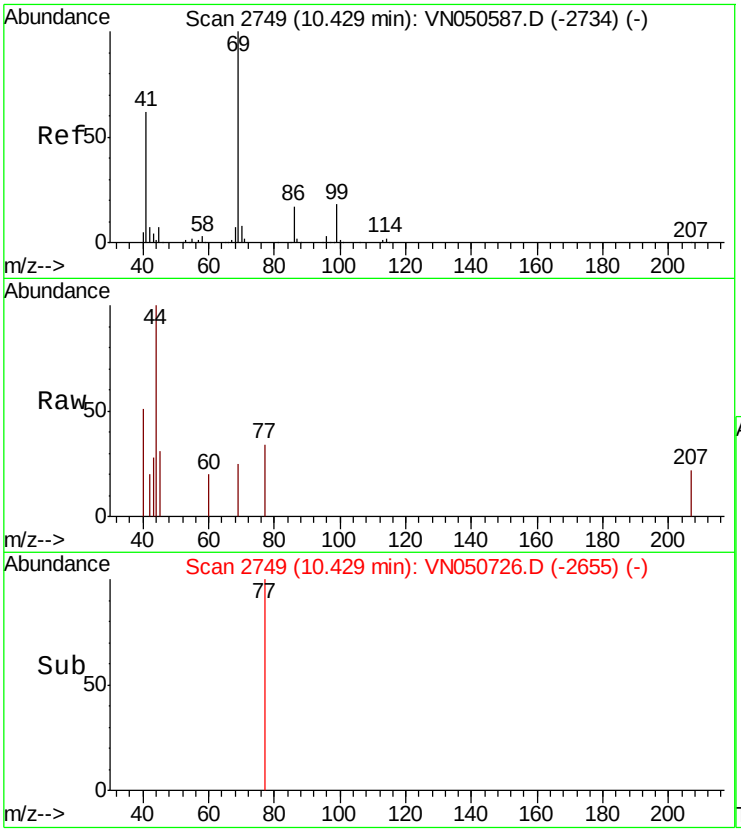


#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 43 Resp: 3685

Ion	Ratio	Lower	Upper
43	100		
58	18.5	32.5	48.7#



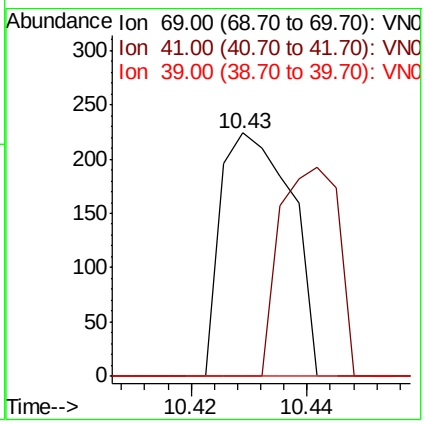


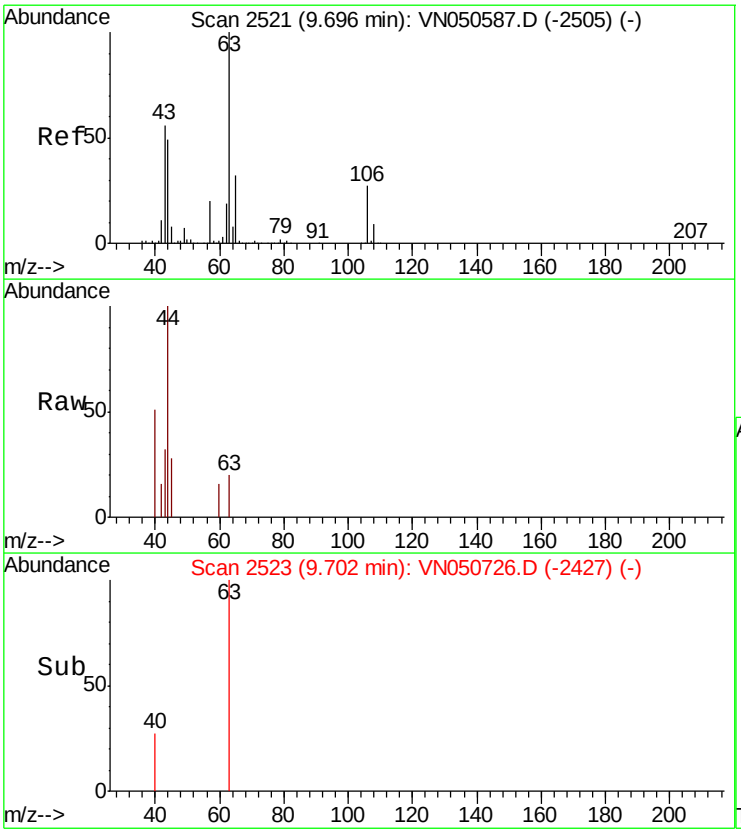
#56
Ethyl methacrylate
Concen: 1.92 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 188

Ion	Ratio	Lower	Upper
69	100		
41	72.3	49.7	74.5
39	0.0	24.2	36.2#

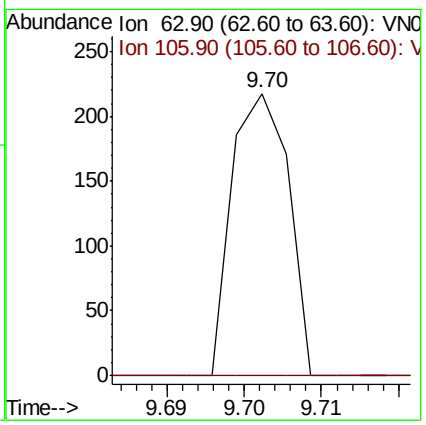


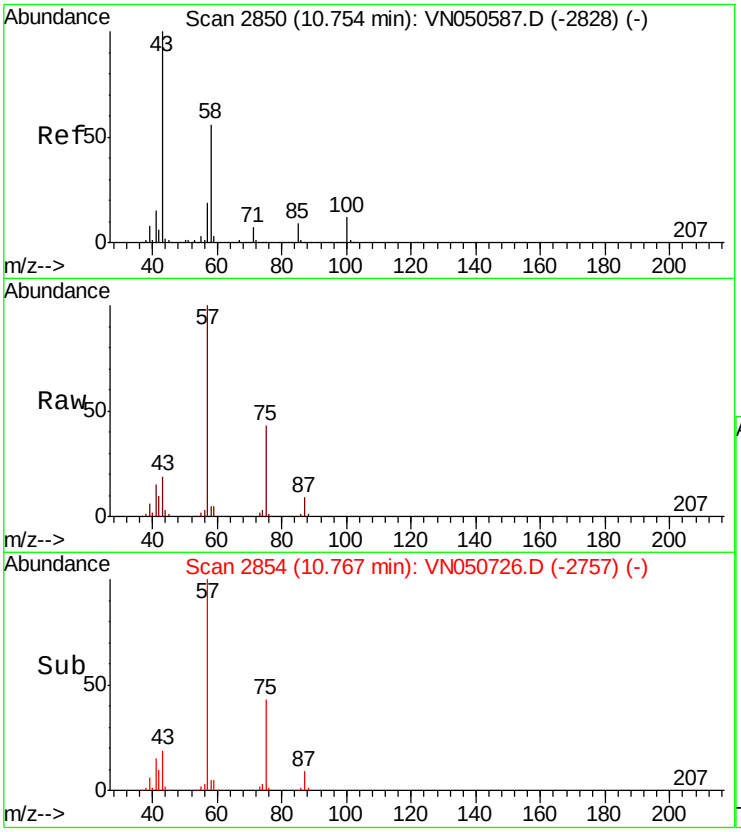


#58
2-Chloroethyl Vinyl ether
Concen: 10.44 ug/l
RT: 9.70 min Scan# 2523
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 63 Resp: 111

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.7	32.5#



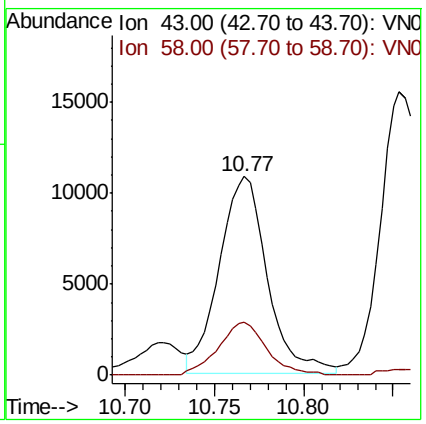


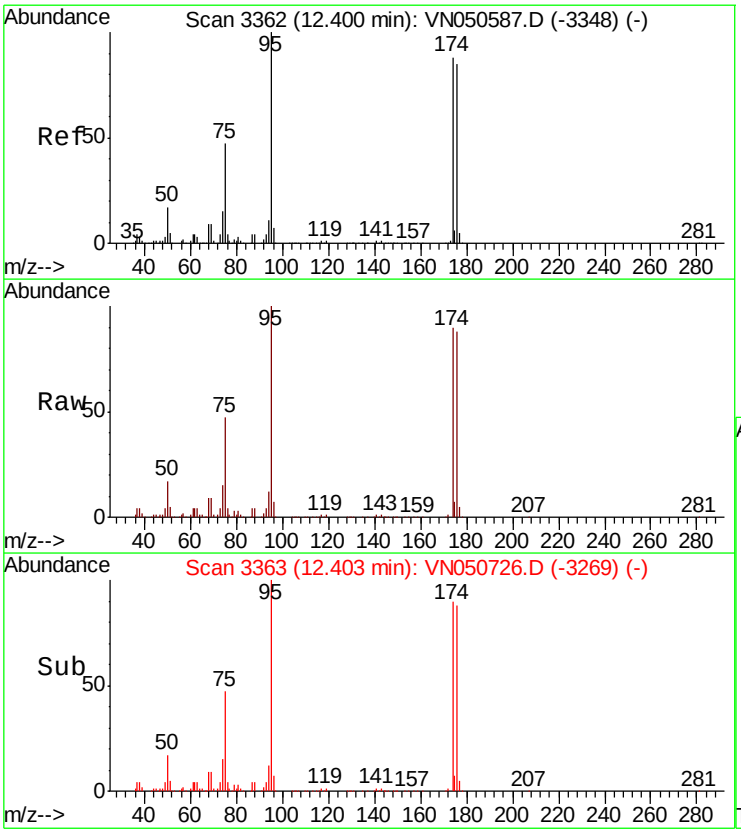
#59
2-Hexanone
Concen: 4.01 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 20223

Ion	Ratio	Lower	Upper
43	100		
58	27.0	28.0	84.0#

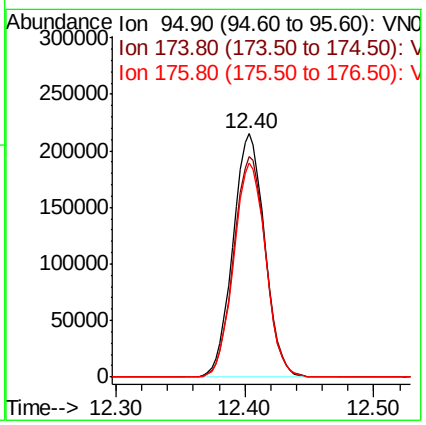


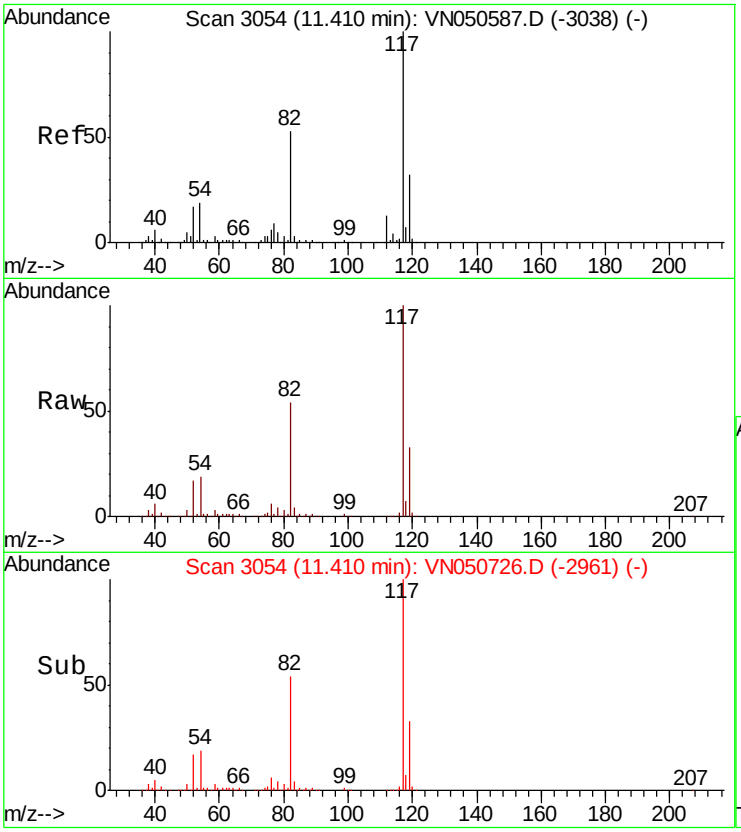


#62
4-Bromofluorobenzene
Concen: 36.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 95 Resp: 367344

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	177.8
176	88.8	0.0	175.0



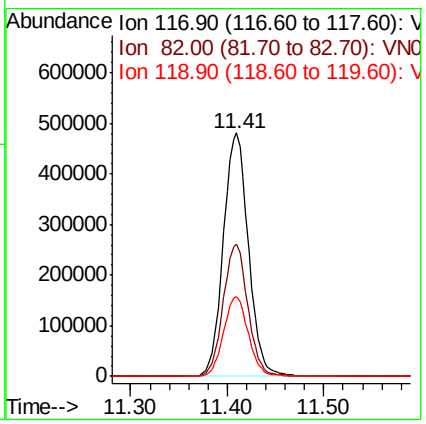


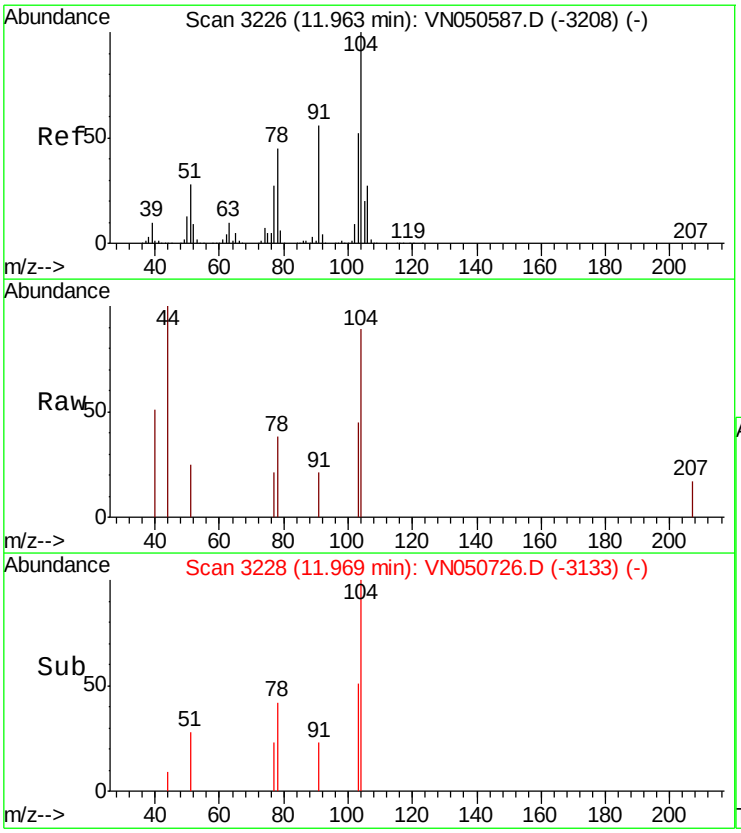
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 863112

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.4	63.6
119	32.9	25.8	38.8

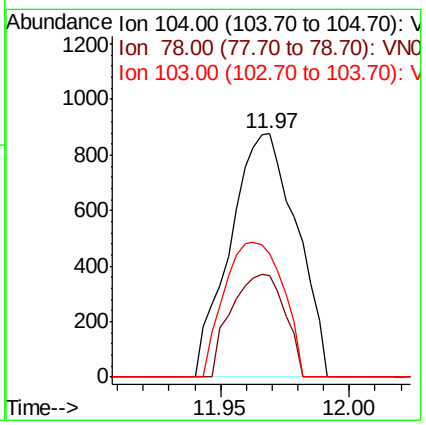


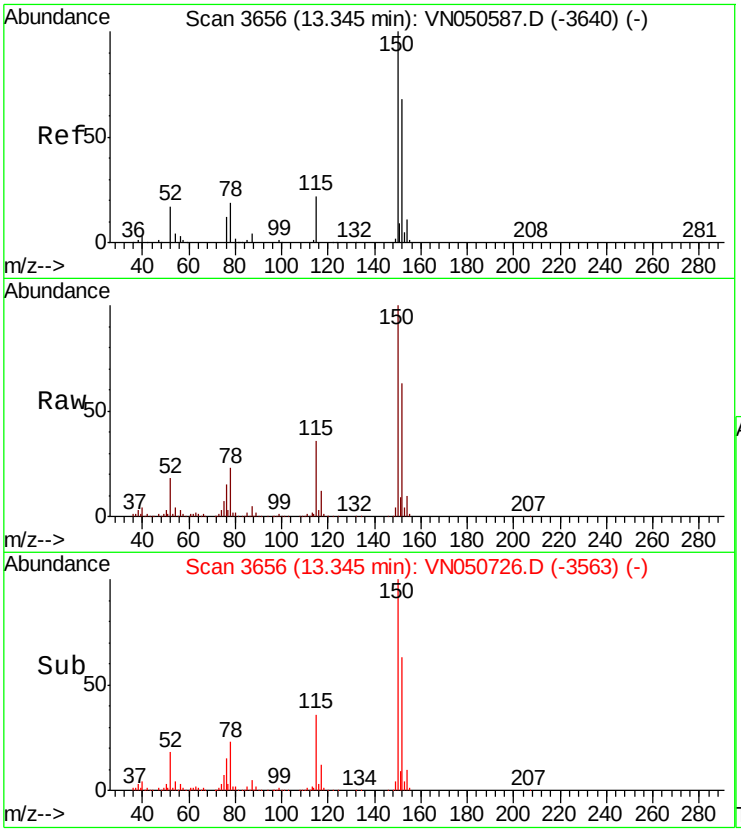


#70
Styrene
Concen: 1.01 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:104 Resp: 1574

Ion	Ratio	Lower	Upper
104	100		
78	34.2	39.1	58.7#
103	48.9	44.9	67.3



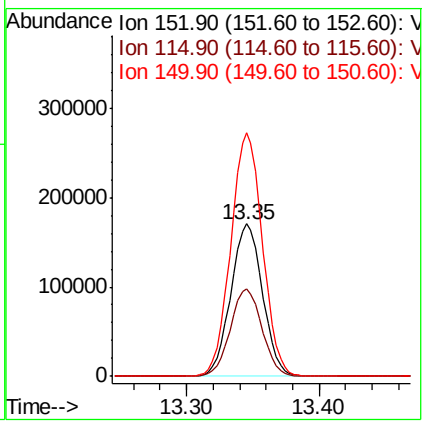


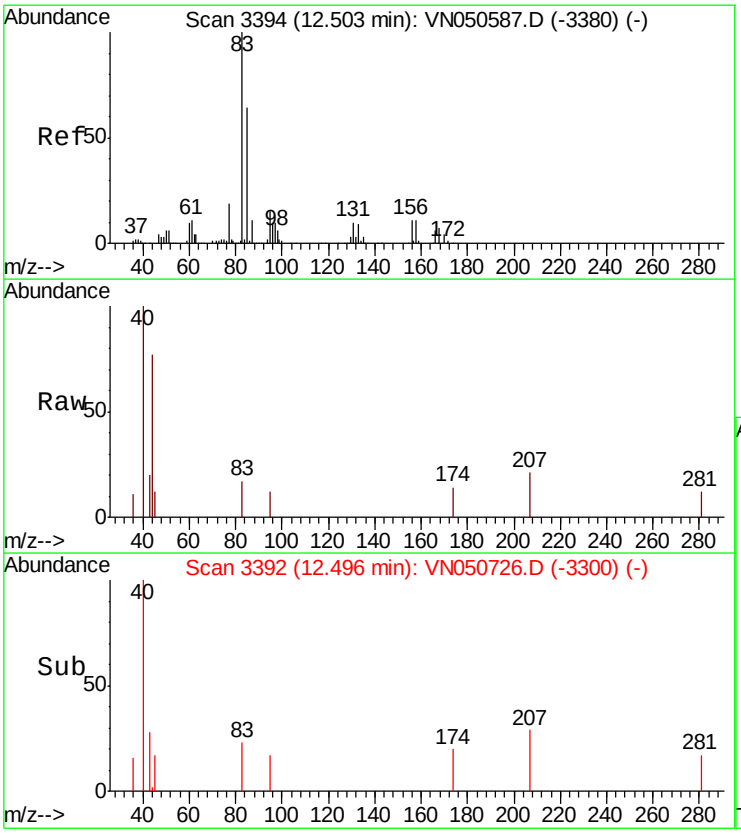
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 282680

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.1	84.2
150	159.2	0.0	347.8

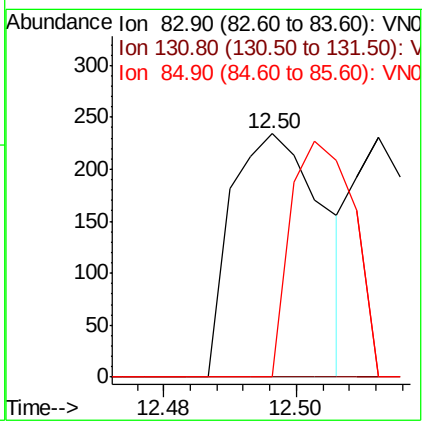


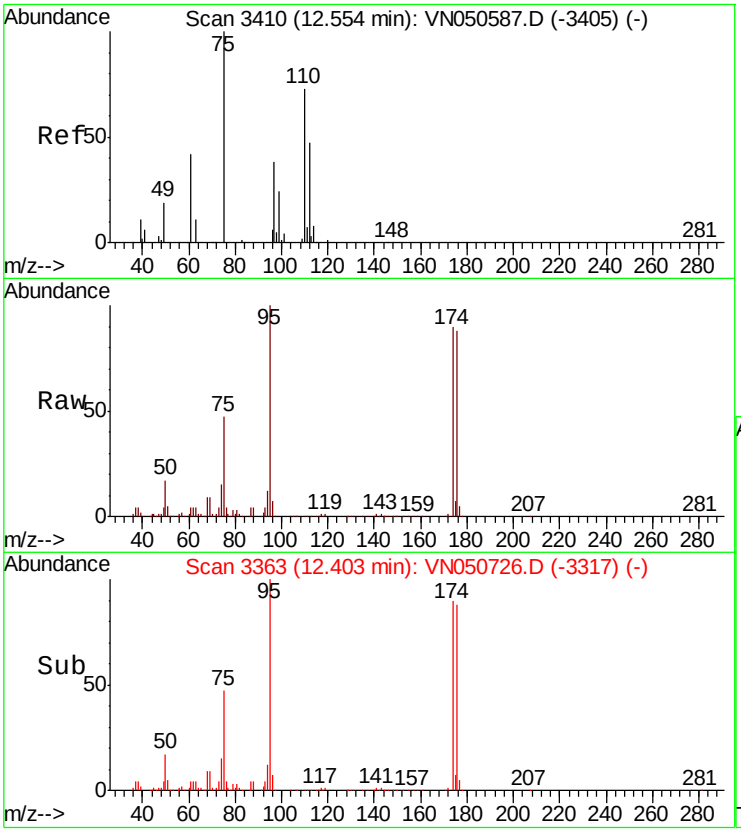


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.50 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 83 Resp: 225

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	67.1	32.1	96.5



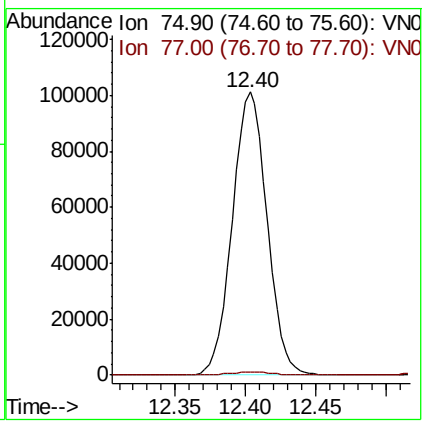


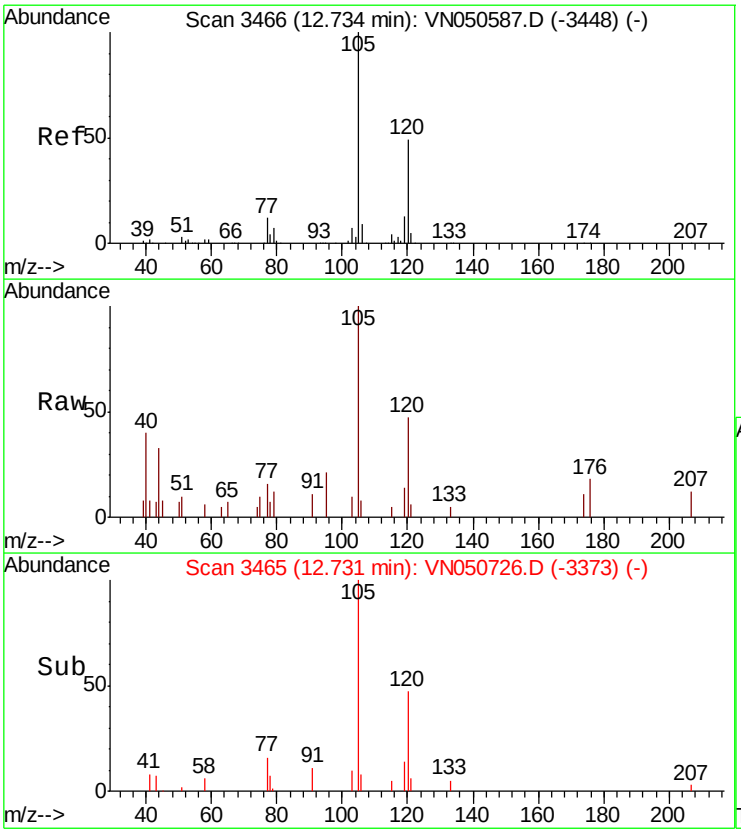
#76
1,2,3-Trichloropropane
Concen: 38.01 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 174706

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

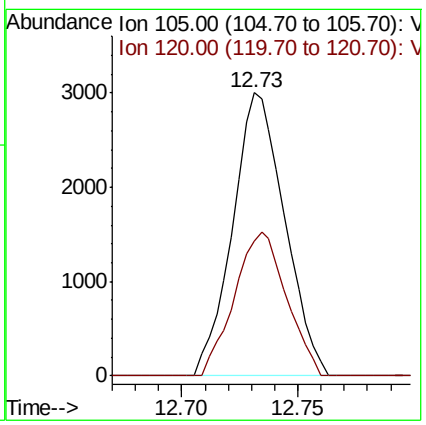


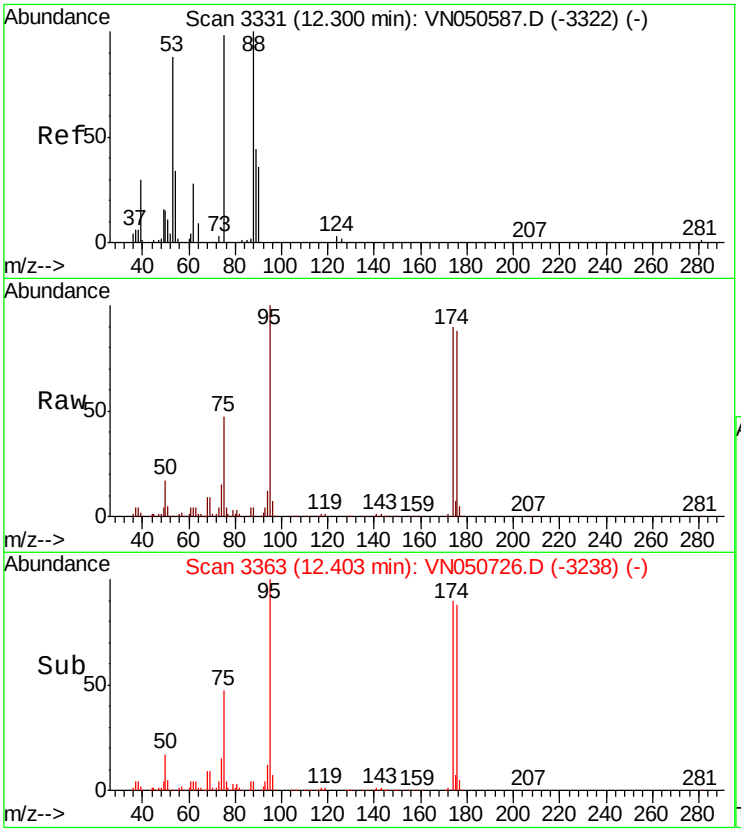


#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 12.73 min Scan# 3465
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:105 Resp: 4680

Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.7	74.1



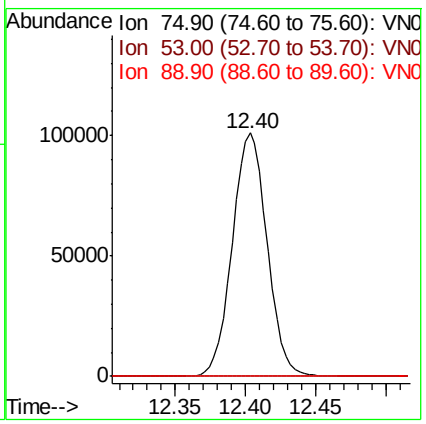


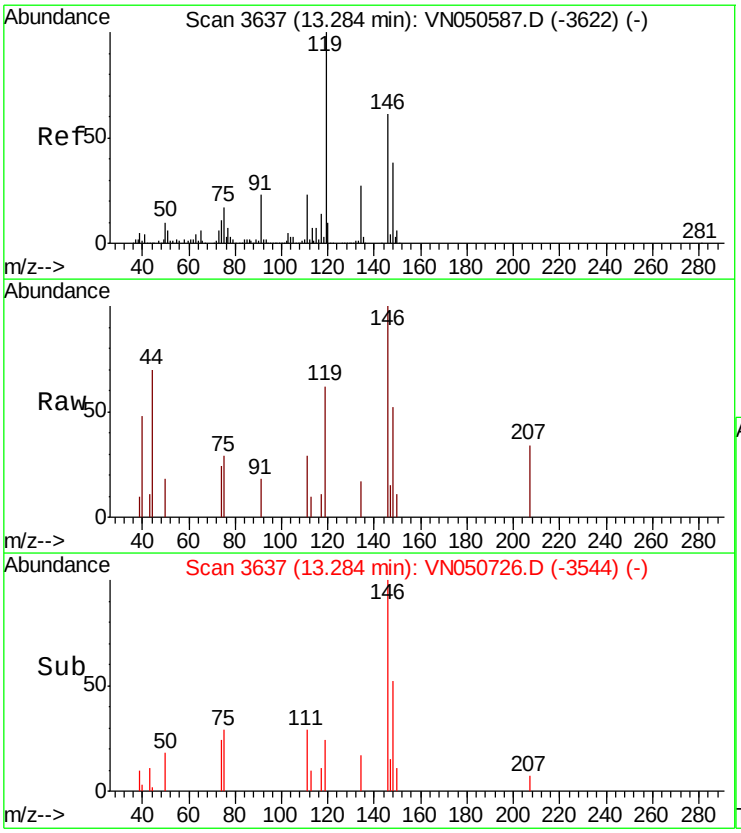
#81
trans-1,4-Dichloro-2-butene
Concen: 137.40 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 174706

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.2	108.2#
89	0.0	36.3	54.5#

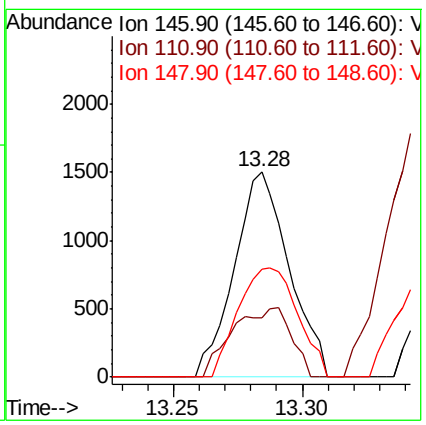


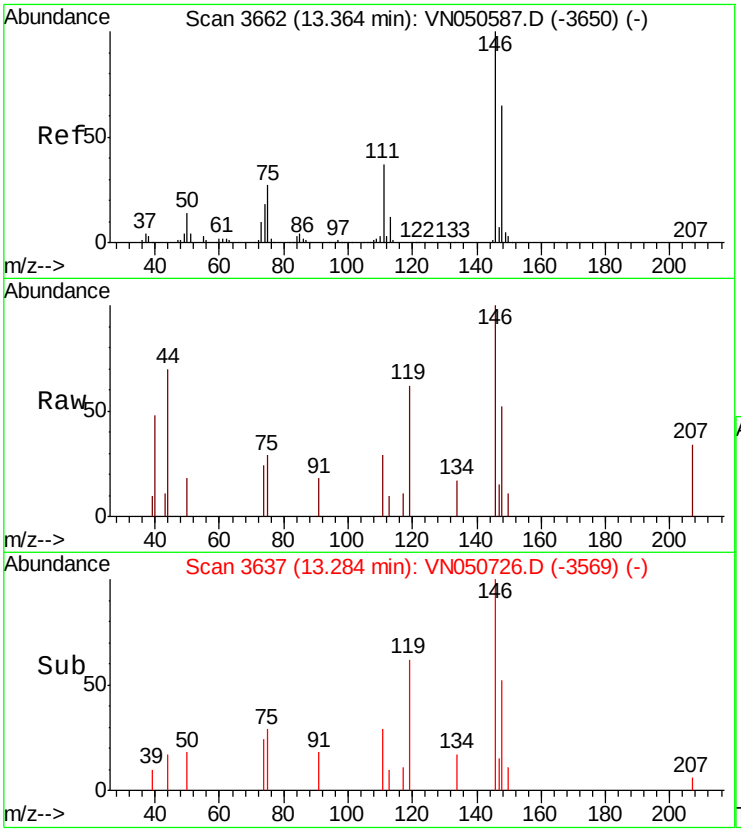


#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 13.28 min Scan# 3637
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:146 Resp: 2220

Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.2	57.6
148	57.7	31.9	95.7



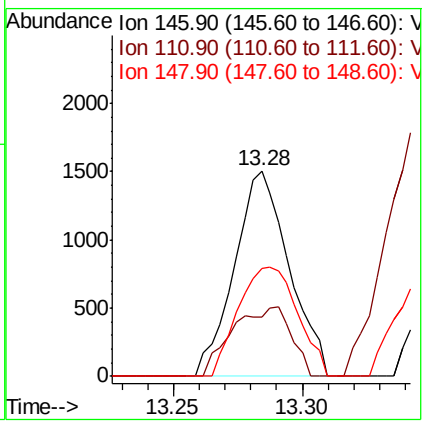


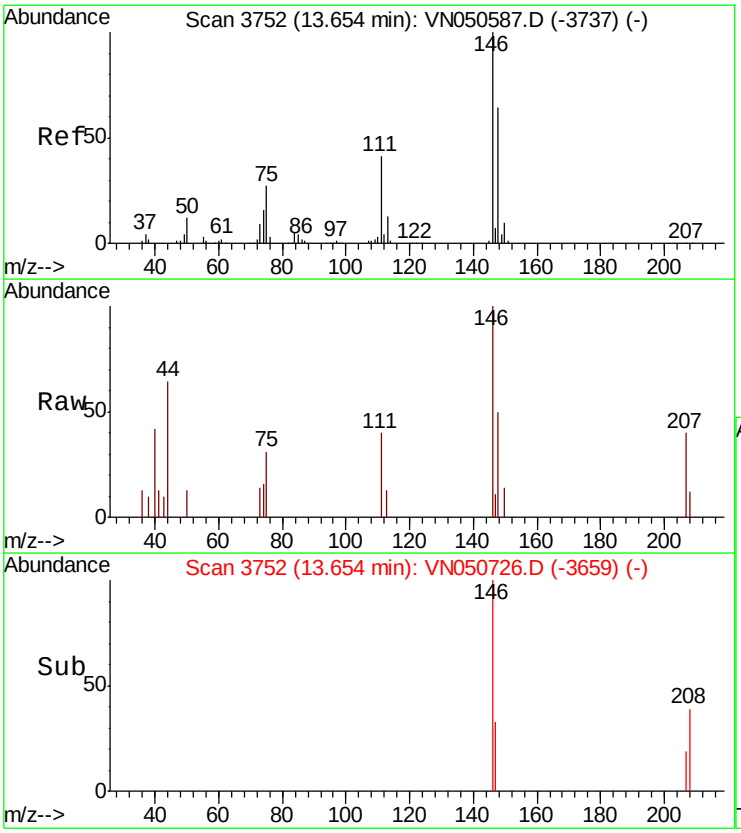
#88
1,4-Dichlorobenzene
Concen: 0.22 ug/l
RT: 13.28 min Scan# 3637
Delta R.T. -0.08 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 2220

Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.8	56.4
148	57.7	32.3	96.8

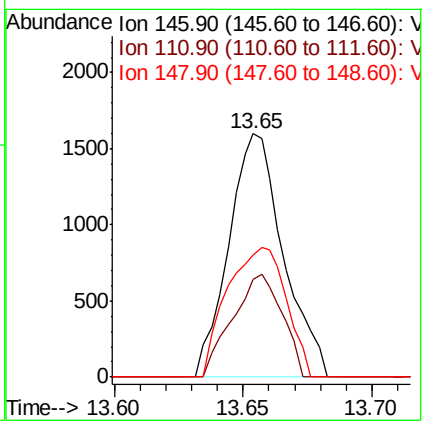


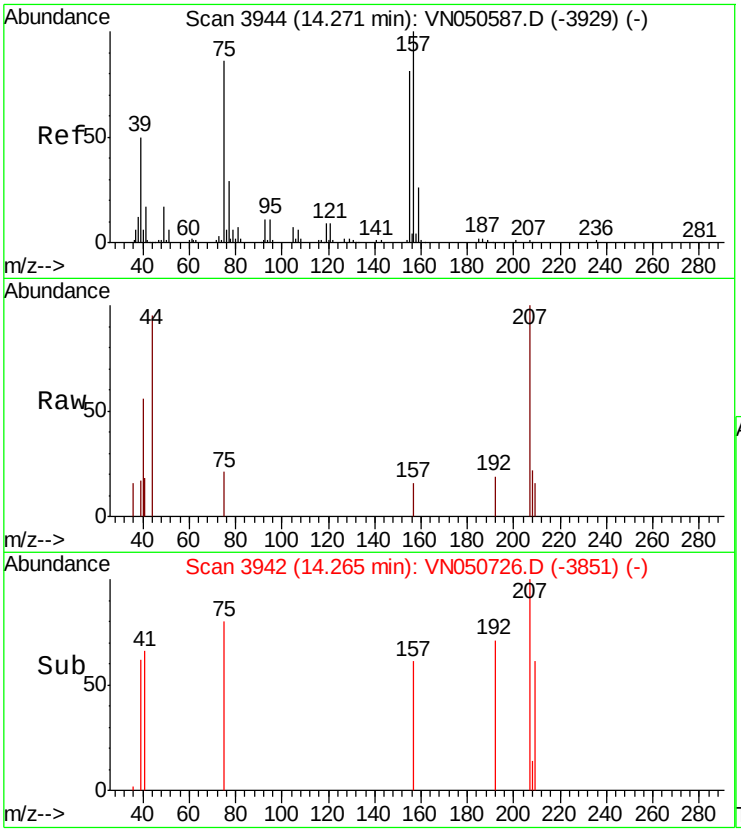


#91
1,2-Dichlorobenzene
Concen: 0.24 ug/l
RT: 13.65 min Scan# 3752
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:146 Resp: 2356

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.8	59.4
148	57.6	32.3	96.8



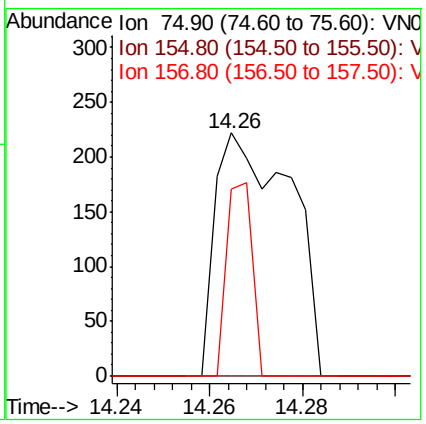


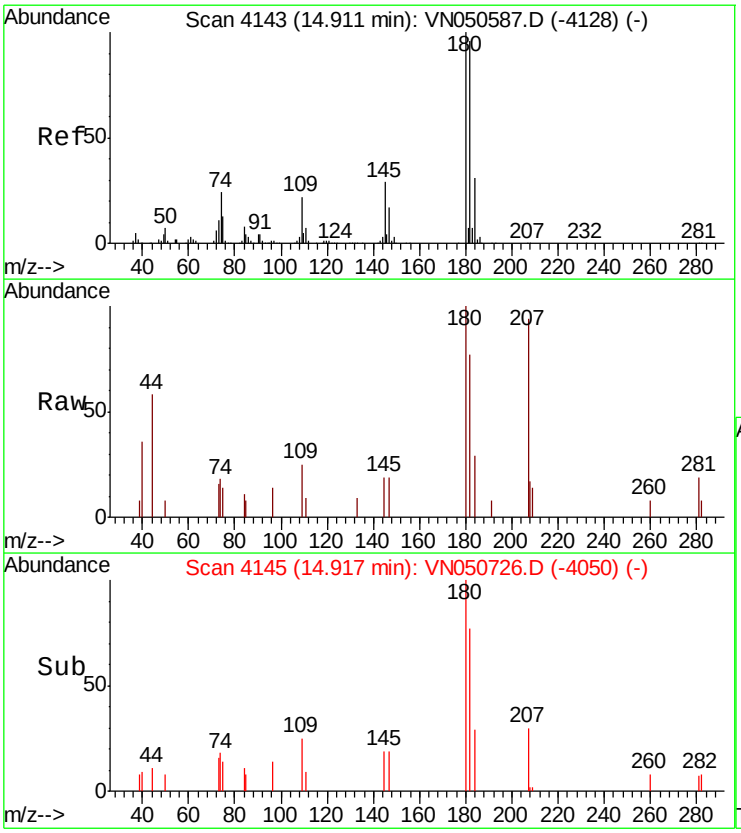
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.32 ug/l
RT: 14.26 min Scan# 3942
Delta R.T. -0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 250

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.6	139.8#
157	26.8	58.1	174.2#

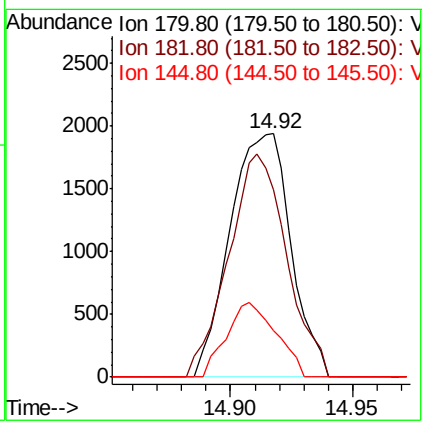


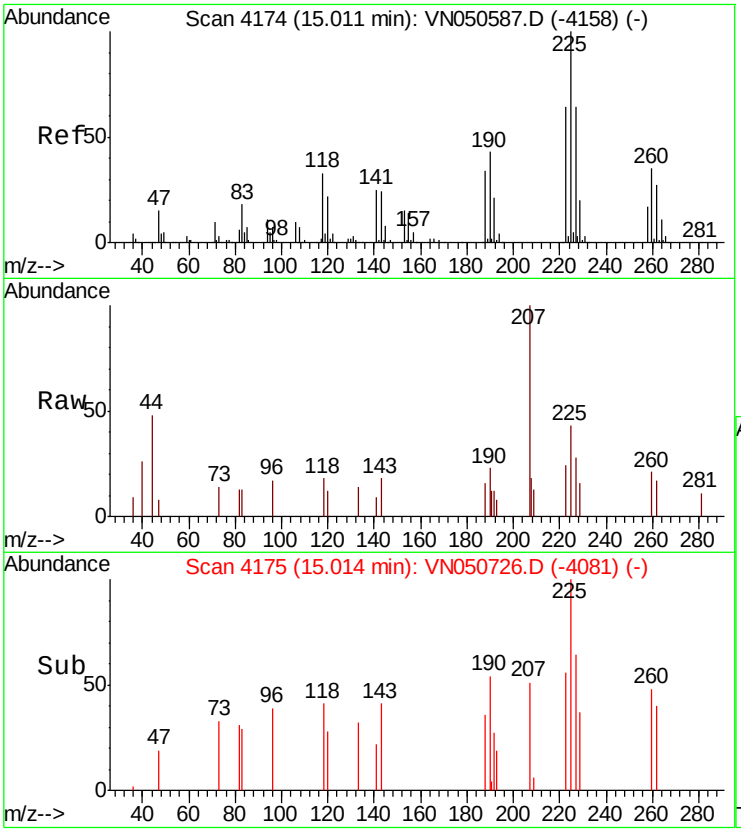


#93
1,2,4-Trichlorobenzene
Concen: 3.30 ug/l
RT: 14.92 min Scan# 4145
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:180 Resp: 3365

Ion	Ratio	Lower	Upper
180	100		
182	87.1	47.9	143.7
145	24.9	14.4	43.4



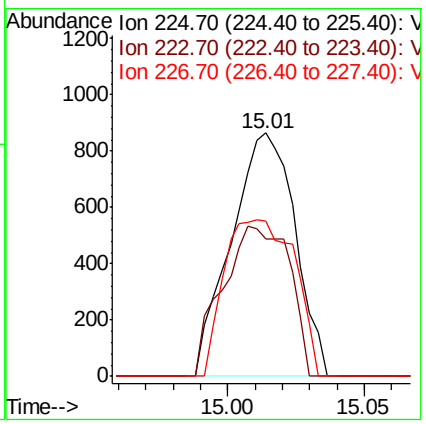


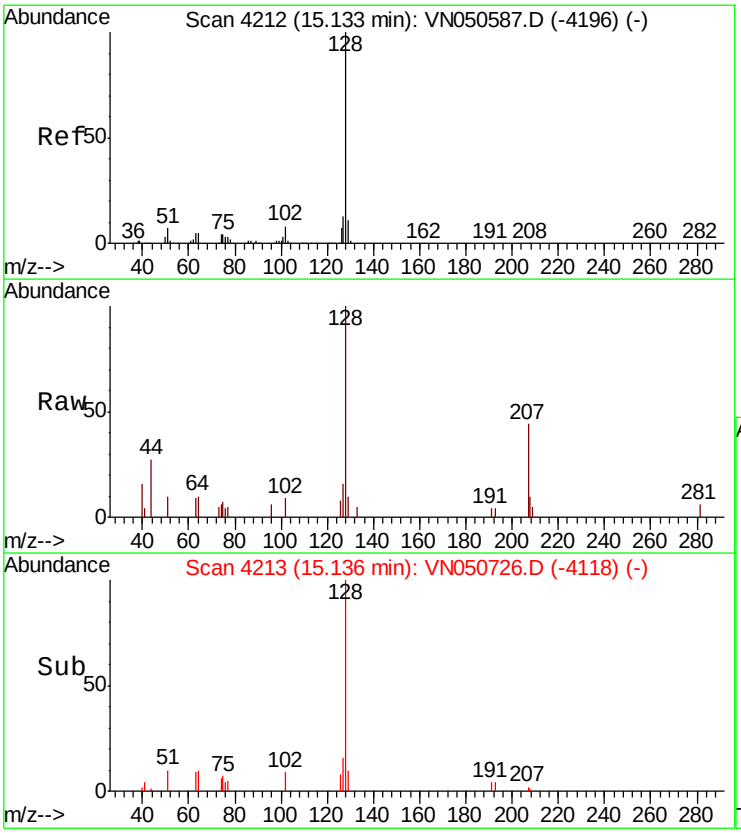
#94
Hexachlorobutadiene
Concen: 0.46 ug/l
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 1403

Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.1	96.3
227	71.3	32.0	96.2

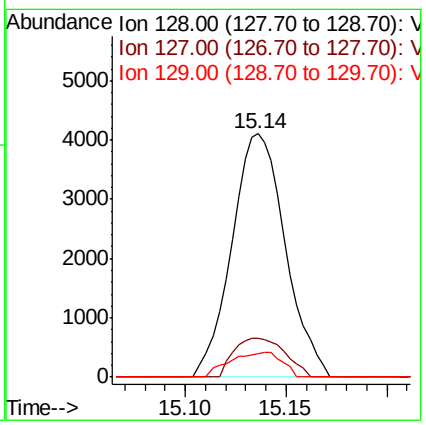


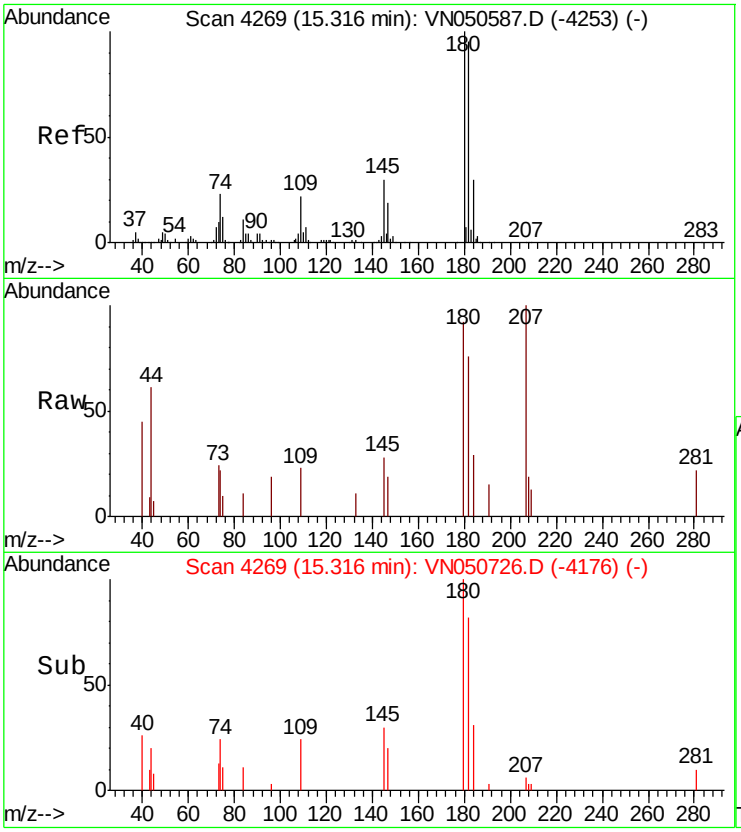


#95
Naphthalene
Concen: 4.51 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:128 Resp: 7597

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.3	15.5
129	10.0	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 2.66 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 3586

Ion	Ratio	Lower	Upper
180	100		
182	87.8	47.3	141.8
145	12.7	14.6	44.0#