Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052927.D
Acq On : 17 Dec 2018 15:11
Operator : MD\SY
Sample : J6438-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 18 04:44:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.67
34) 1,4-Difluorobenzene	8.79	114	1666431	50.00	ug/l	0.20
63) Chlorobenzene-d5	11.45	117	1418330	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.35	152	591127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.29	65	520611	0.00	ug/l	0.27
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	7.91	113	363487	39.08	ug/l	0.32
Spiked Amount 50.000			Recovery =	78.16%		
50) Toluene-d8	10.19	98	1986012	49.24	ug/l	0.10
Spiked Amount 50.000			Recovery =	98.48%		
62) 4-Bromofluorobenzene	12.43	95	632285	46.27	ug/l	0.02
Spiked Amount 50.000			Recovery =	92.54%		
Target Compounds						Qvalue
36) 1,1-Dichloropropene	7.96	75	69690	4.541	ug/l #	48
37) Ethyl Acetate	6.96	43	3193995	346.471	ug/l #	68
38) Carbon Tetrachloride	7.96	117	89769	6.355	ug/l #	15
39) Methylcyclohexane	9.25	83	4366	0.232	ug/l	89
40) Benzene	8.31	78	287650	6.245	ug/l	98
41) Methacrylonitrile	7.41	41	62425	12.221	ug/l #	17
42) 1,2-Dichloroethane	8.31	62	5643	0.407	ug/l	87
43) Isopropyl Acetate	8.36	43	161775	8.559	ug/l #	85
48) Methyl methacrylate	9.44	41	3424	0.413	ug/l #	28
49) 1,4-Dioxane	9.40	88	128	1.360	ug/l #	22
51) 4-Methyl-2-Pentanone	10.35	43	50370	5.812	ug/l #	71
52) Toluene	10.25	92	1222099	43.810	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	4568	0.313	ug/l #	71
59) 2-Hexanone	11.03	43	13316	2.242	ug/l #	23
67) Ethyl Benzene	11.55	91	44764	0.886	ug/l	94
68) m/p-Xylenes	11.66	106	90157	4.752	ug/l	99
69) o-Xylene	11.98	106	33176	1.791	ug/l	97
70) Styrene	11.99	104	34464	1.157	ug/l	93
74) N-amyl acetate	11.99	43	185785	15.333	ug/l #	46
76) 1,2,3-Trichloropropane	12.43	75	300503	34.456	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.75	105	16128	0.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.43	75	300585	110.719	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.06	105	60954	1.690	ug/l	76
92) 1,2-Dibromo-3-Chloropropan	14.26	75	371	0.249	ug/l #	1
95) Naphthalene	15.14	128	86523	4.005	ug/l	99

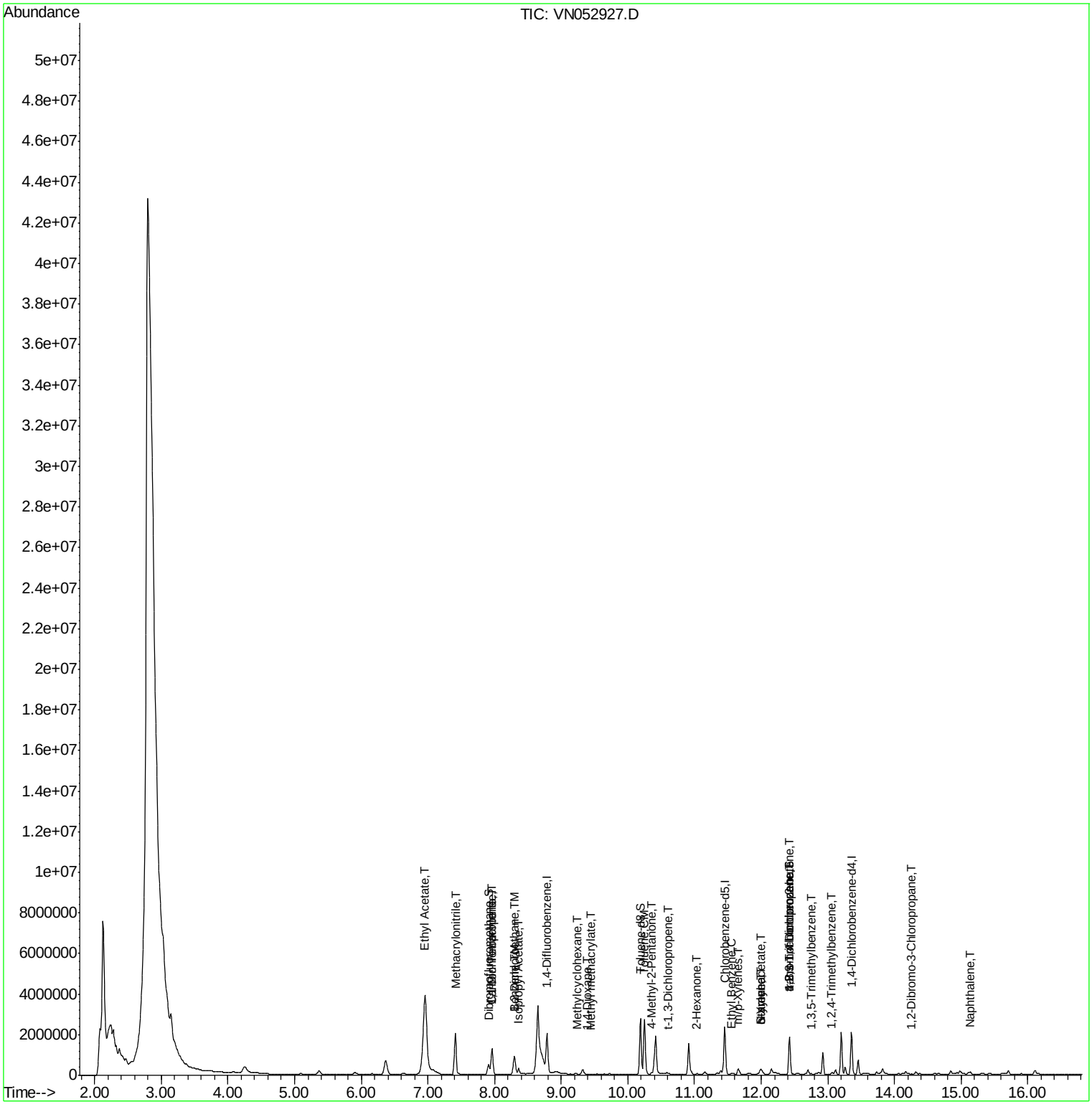
(#) = qualifier out of range (m) = manual integration (+) = signals summed

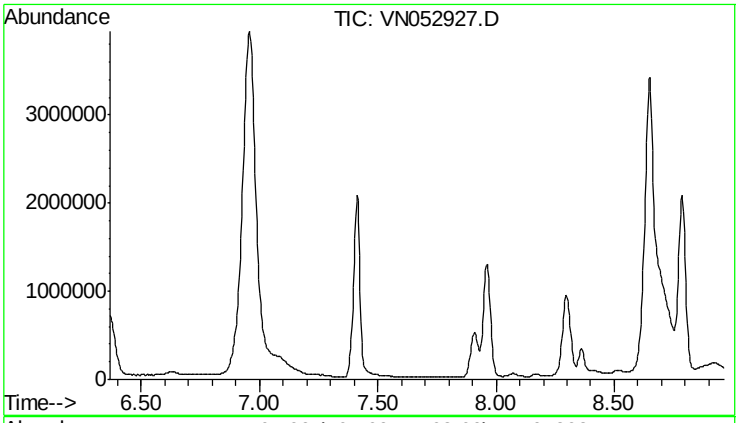
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052927.D
Acq On : 17 Dec 2018 15:11
Operator : MD\SY
Sample : J6438-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 18 04:44:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





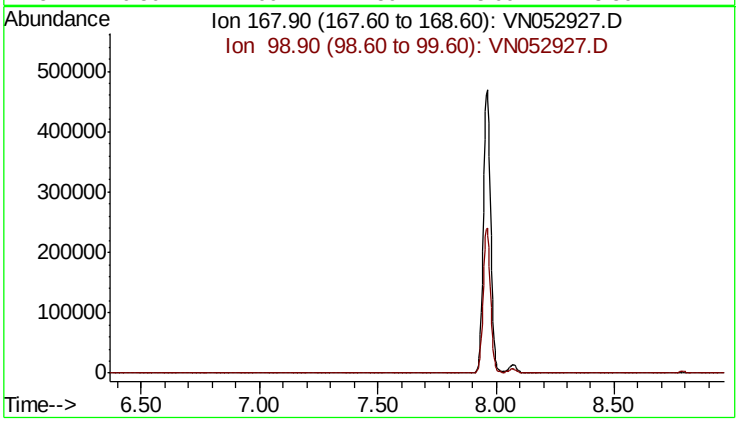
#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.67 min

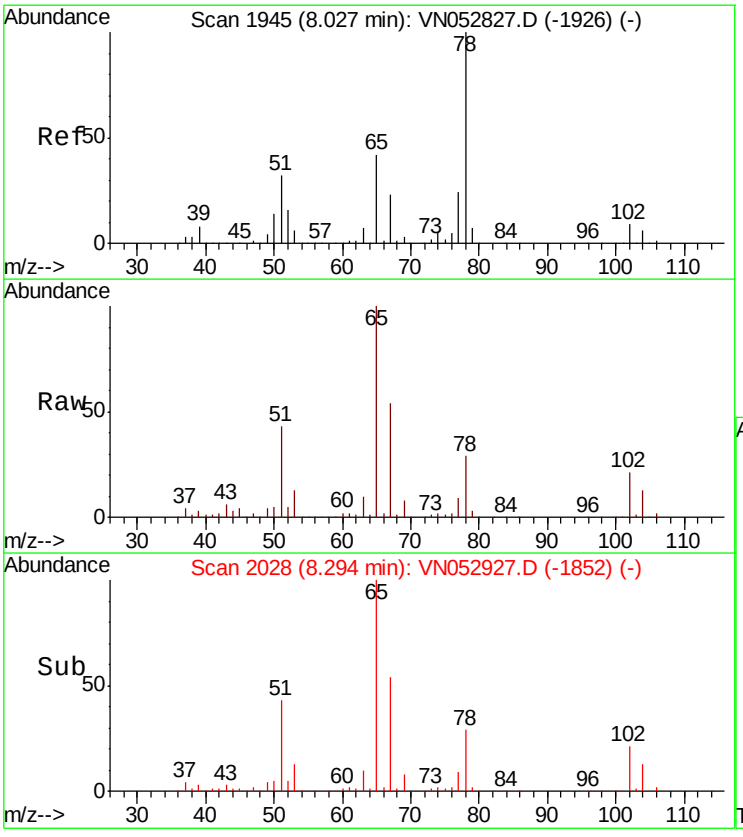
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 168

Sig	Exp Ratio
168	100
99	50.2

Instrument :
MSVOA_N
ClientSampleId :

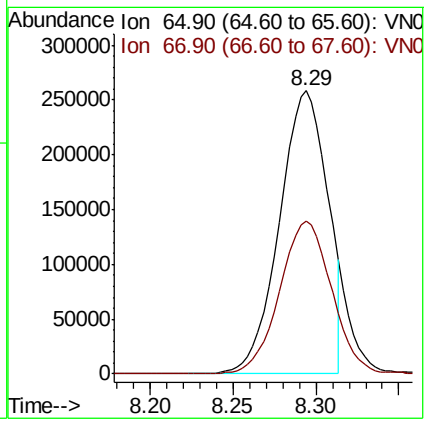


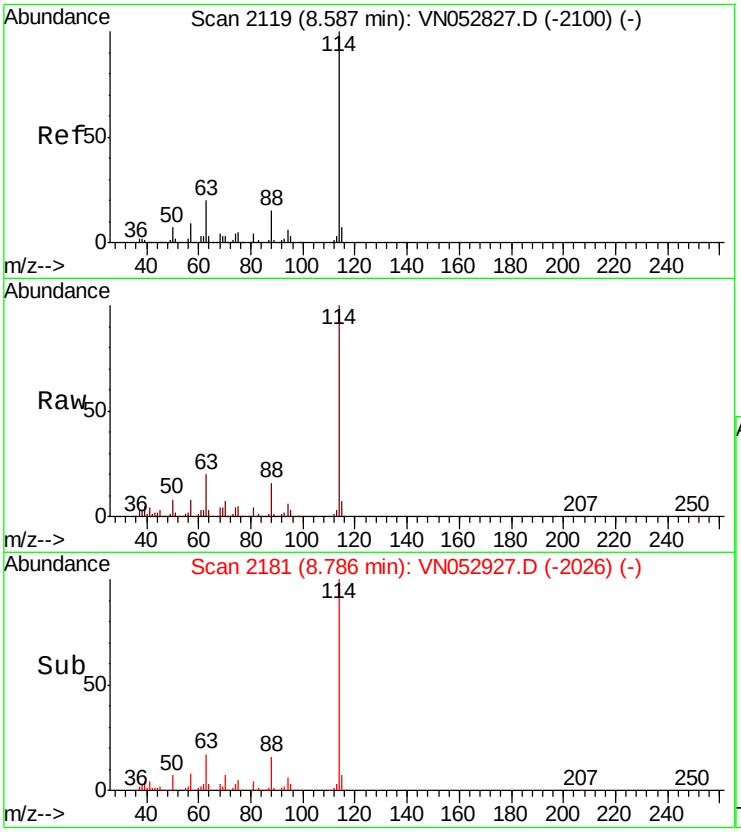


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.29 min Scan# 2028
Delta R.T. 0.27 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 65 Resp: 520611

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.4



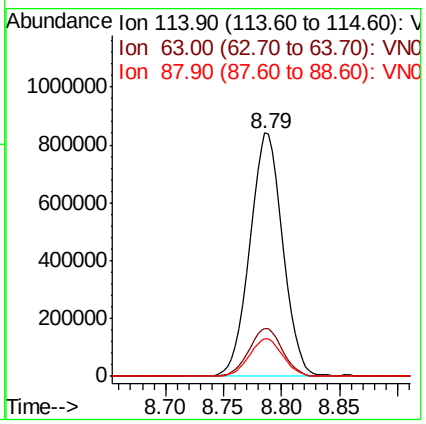


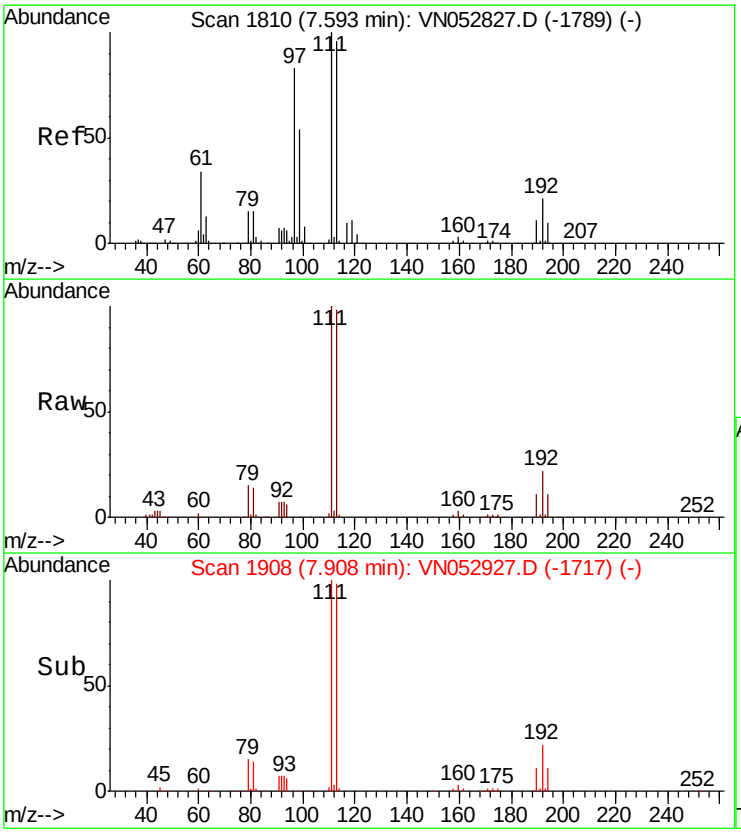
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.79 min Scan# 2181
Delta R.T. 0.20 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 1666431

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.5	0.0	31.0

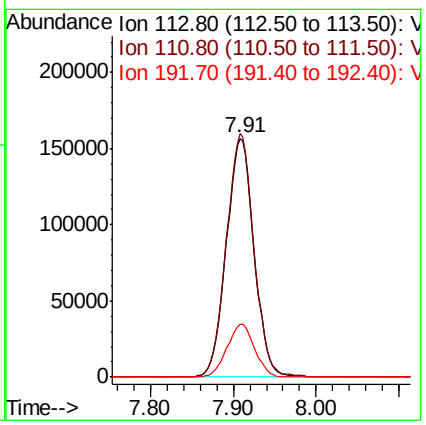


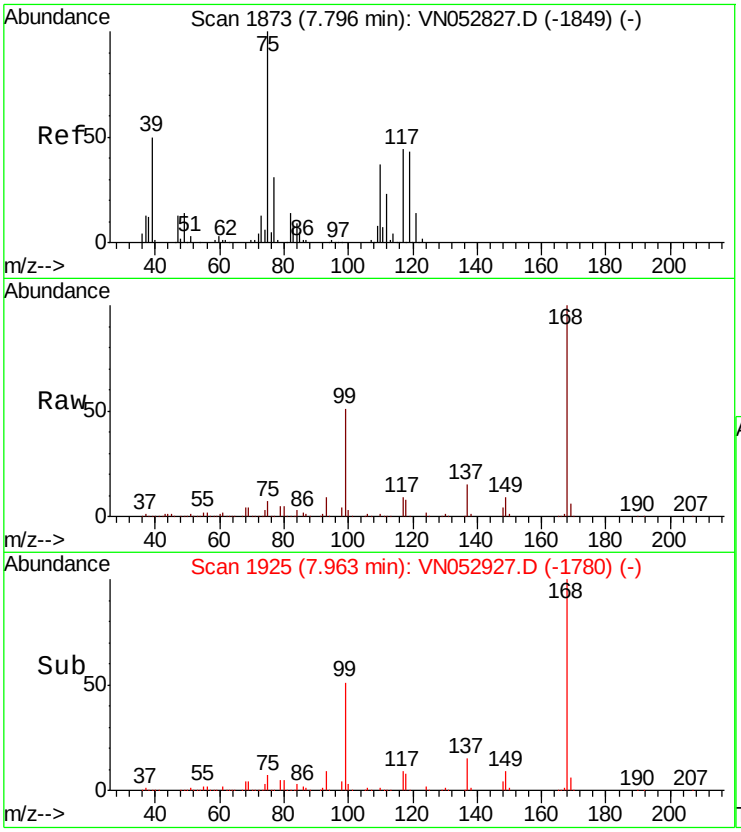


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.91 min Scan# 1908
Delta R.T. 0.32 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion:113 Resp: 363487

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.1	17.5	26.3



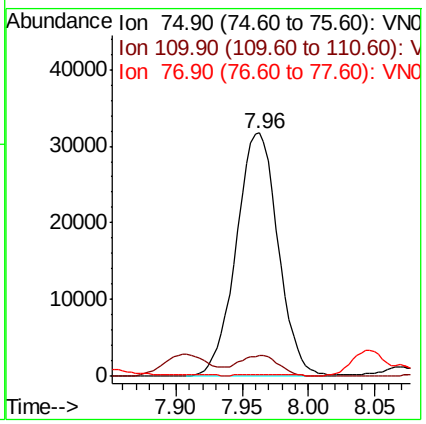


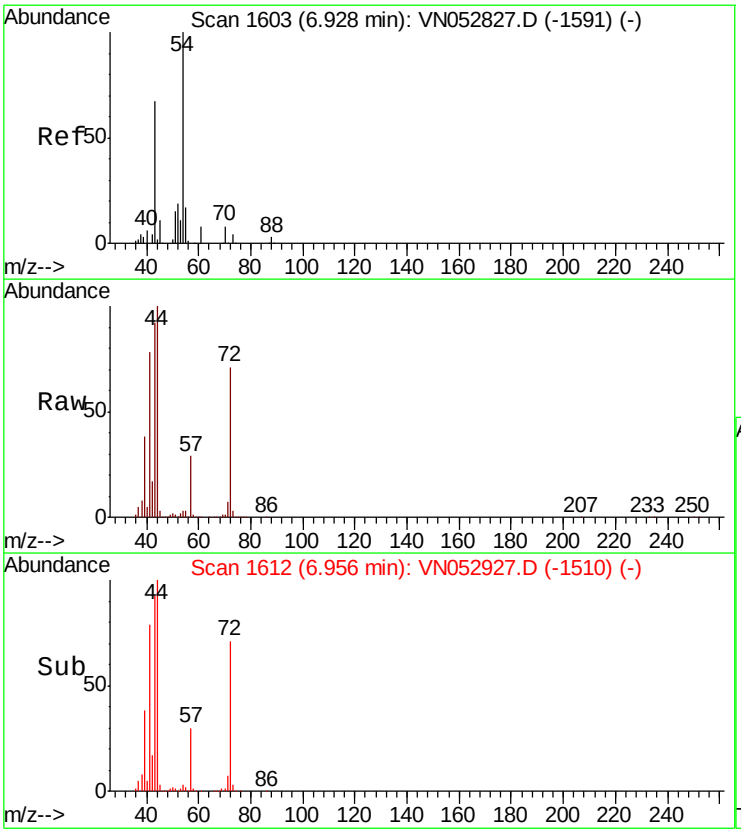
#36
1,1-Dichloropropene
Concen: 4.541 ug/l
RT: 7.96 min Scan# 1925
Delta R.T. 0.17 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 69690

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#

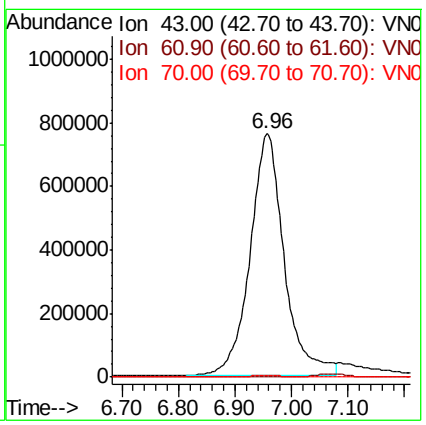


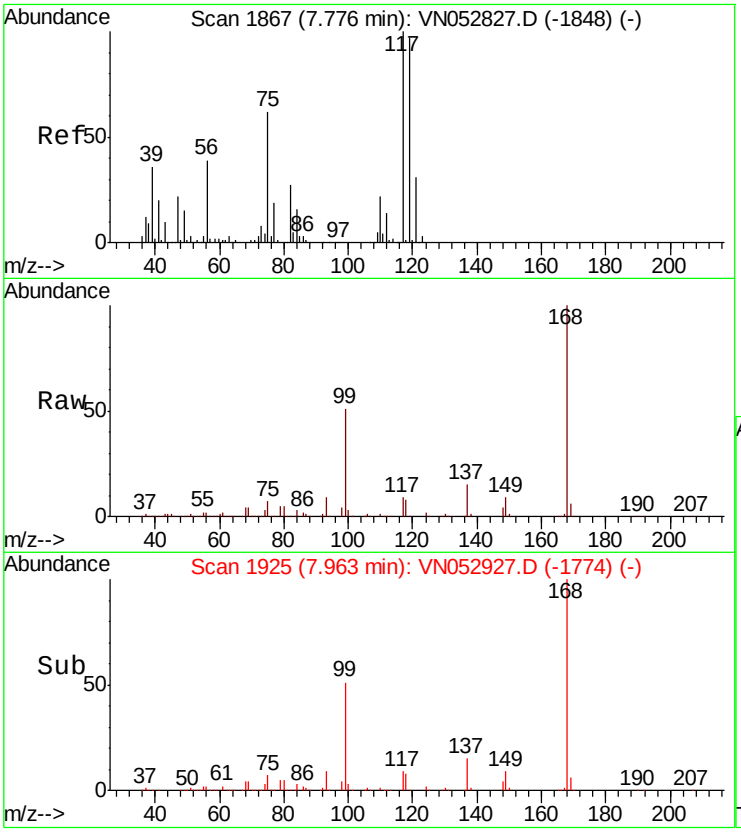


#37
Ethyl Acetate
Concen: 346.471 ug/l
RT: 6.96 min Scan# 1612
Delta R.T. 0.03 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 43 Resp: 3193995

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.7	8.4	12.6#



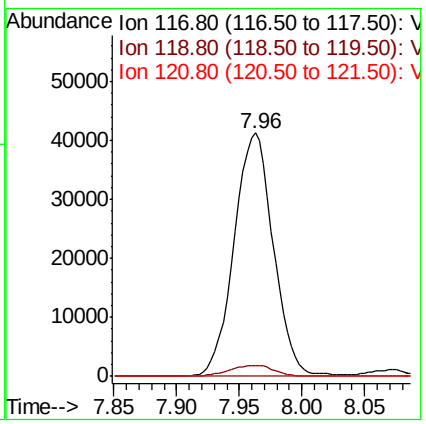


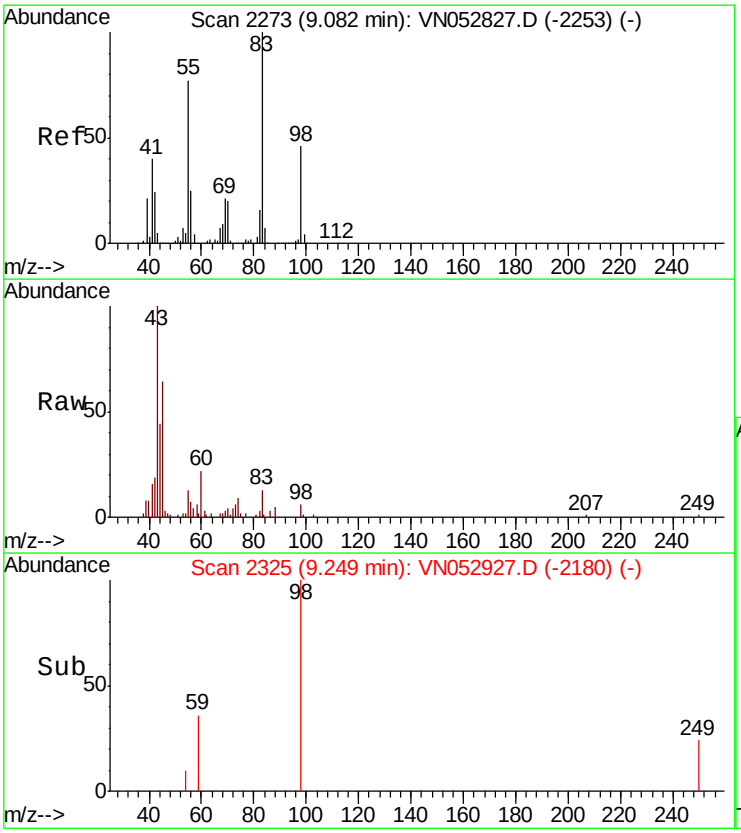
#38
Carbon Tetrachloride
Concen: 6.355 ug/l
RT: 7.96 min Scan# 1925
Delta R.T. 0.19 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 89769

Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.1	115.7#
121	0.0	24.9	37.3#

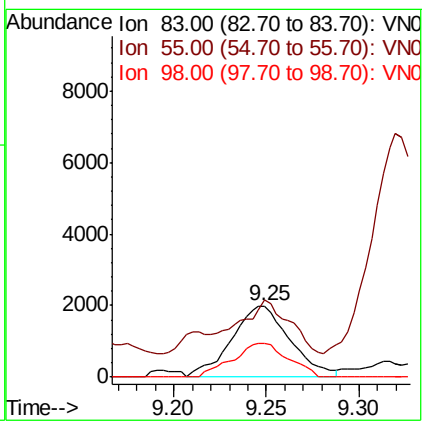


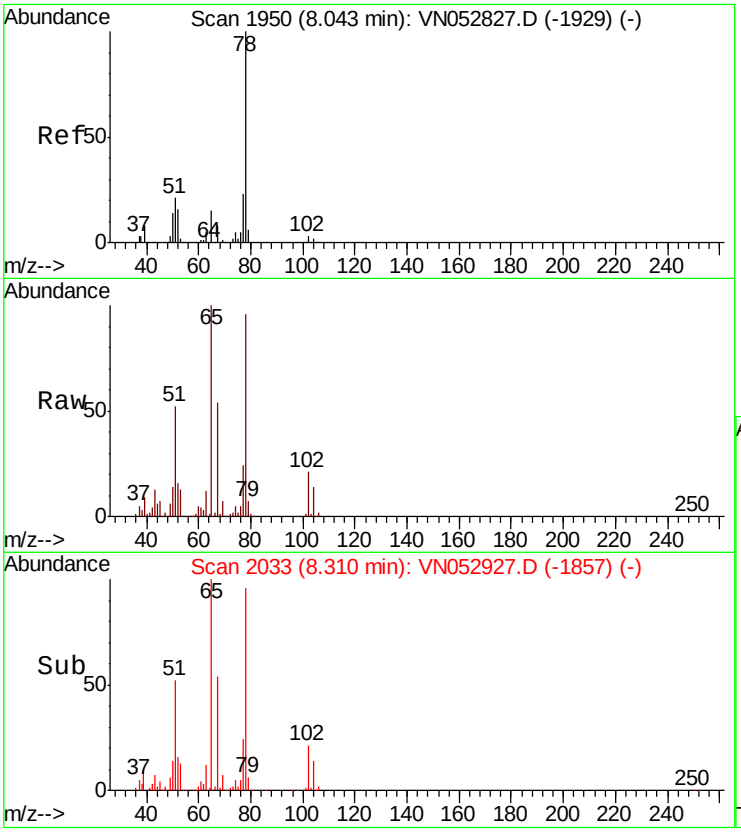


#39
Methylcyclohexane
Concen: 0.232 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.17 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 83 Resp: 4366

Ion	Ratio	Lower	Upper
83	100		
55	62.9	61.3	91.9
98	47.9	37.0	55.4



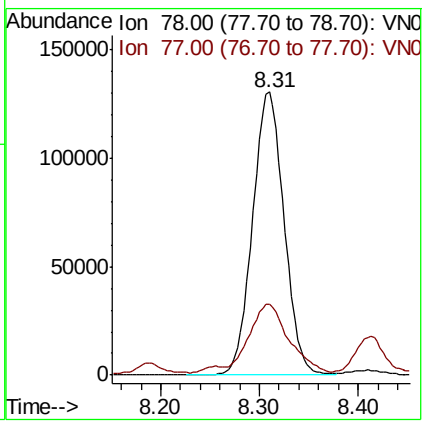


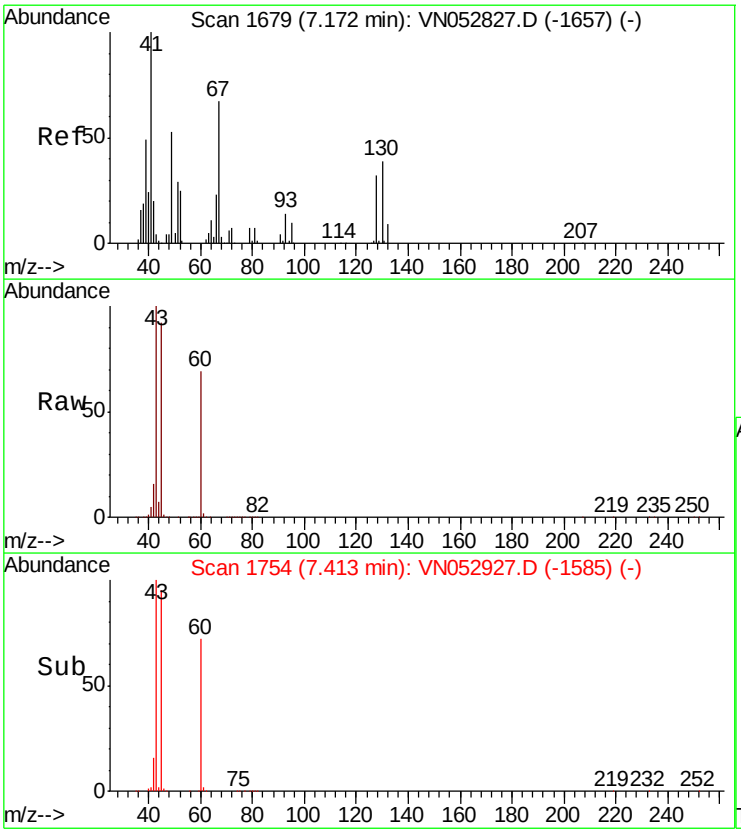
#40
Benzene
Concen: 6.245 ug/l
RT: 8.31 min Scan# 2033
Delta R.T. 0.27 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 78 Resp: 287650

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.5	27.7

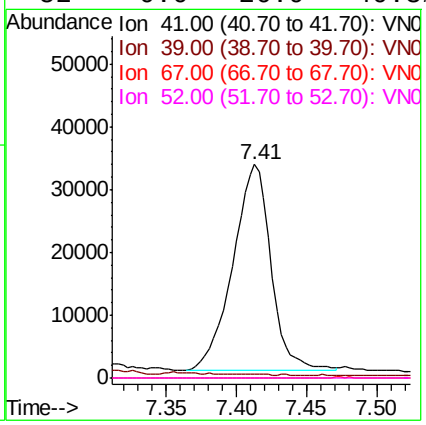


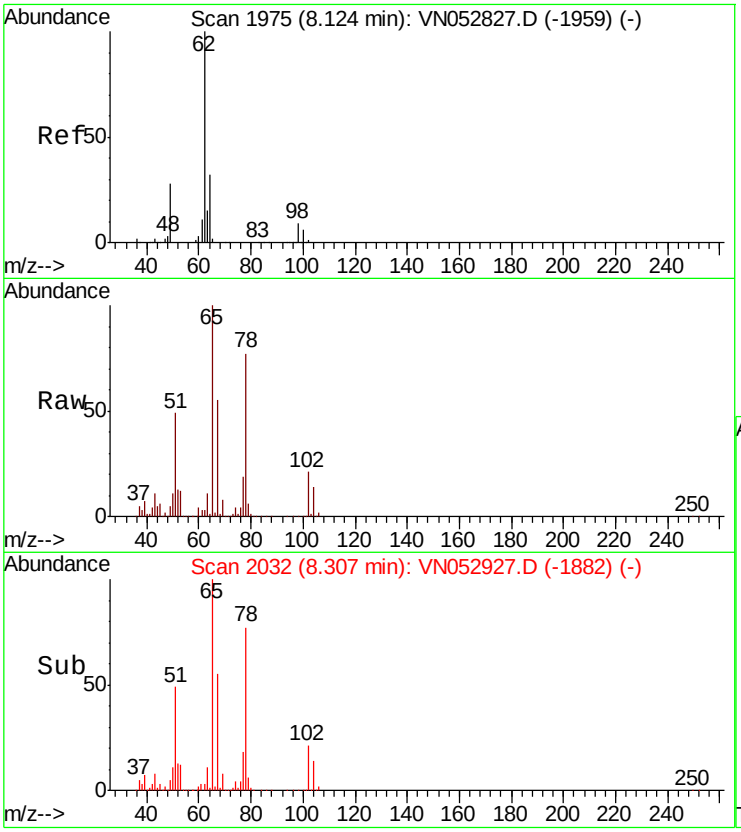


#41
Methacrylonitrile
Concen: 12.221 ug/l
RT: 7.41 min Scan# 1754
Delta R.T. 0.24 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 41 Resp: 62425

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	0.0	70.3	105.5#
52	0.0	26.9	40.3#



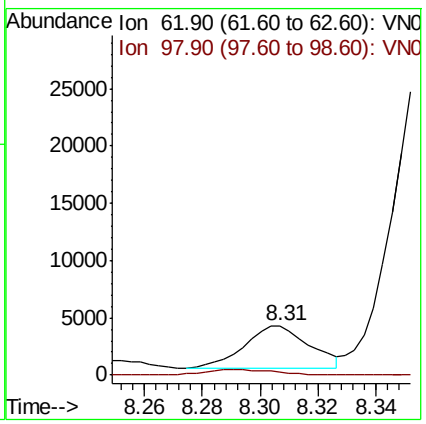


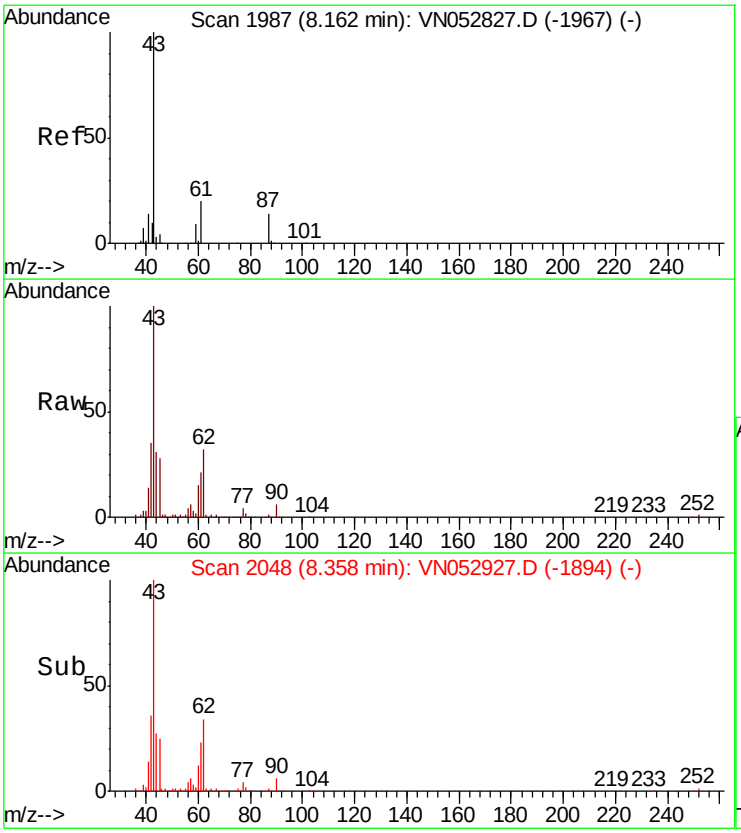
#42
1,2-Dichloroethane
Concen: 0.407 ug/l
RT: 8.31 min Scan# 2032
Delta R.T. 0.18 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 5643

Ion	Ratio	Lower	Upper
62	100		
98	14.2	0.0	19.0

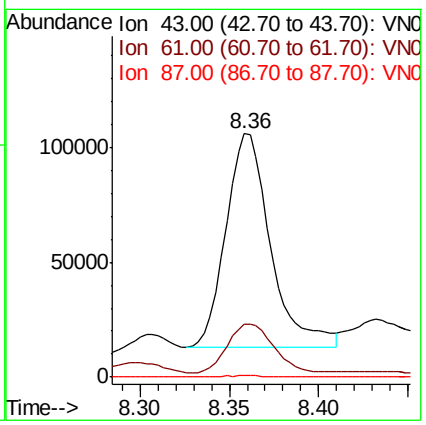


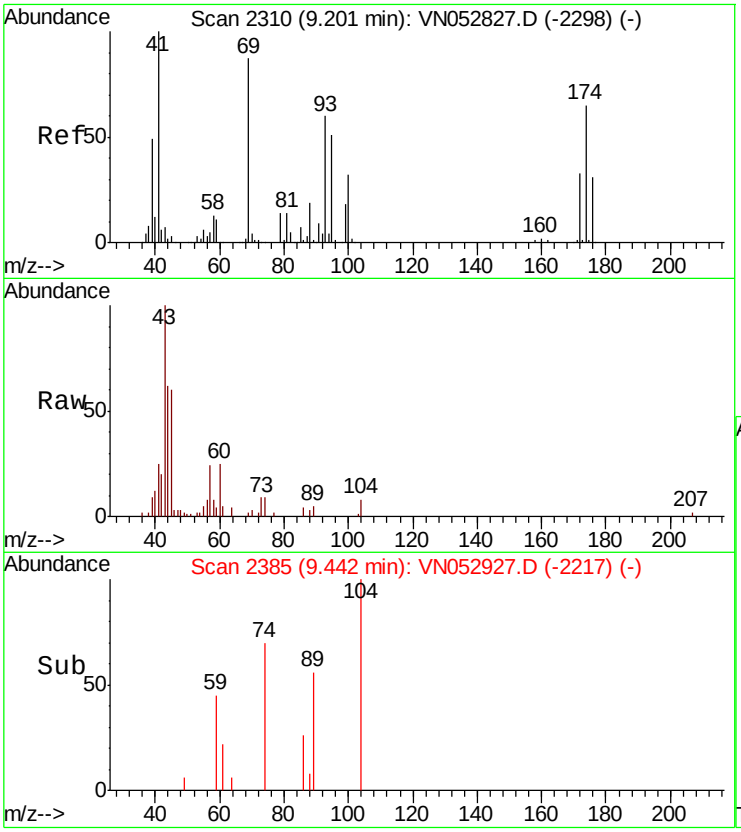


#43
Isopropyl Acetate
Concen: 8.559 ug/l
RT: 8.36 min Scan# 2048
Delta R.T. 0.20 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 43 Resp: 161775

Ion	Ratio	Lower	Upper
43	100		
61	24.7	22.9	34.3
87	0.8	10.6	15.8#



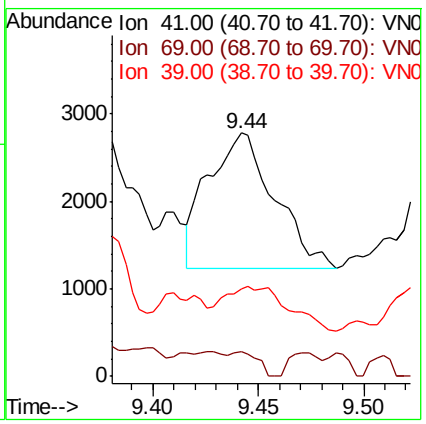


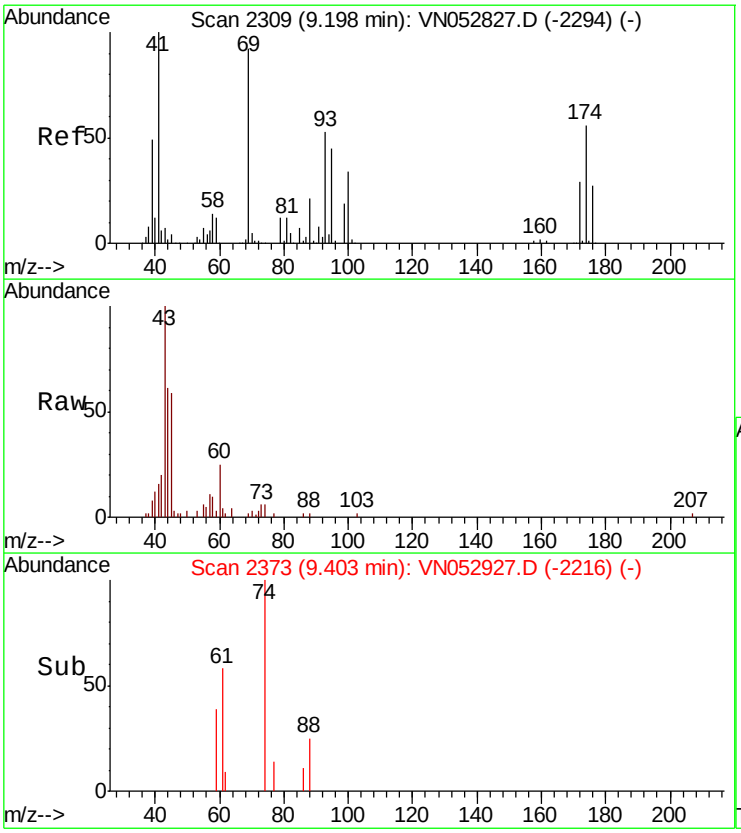
#48
Methyl methacrylate
Concen: 0.413 ug/l
RT: 9.44 min Scan# 2385
Delta R.T. 0.24 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 3424

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	30.7	41.9	62.9#

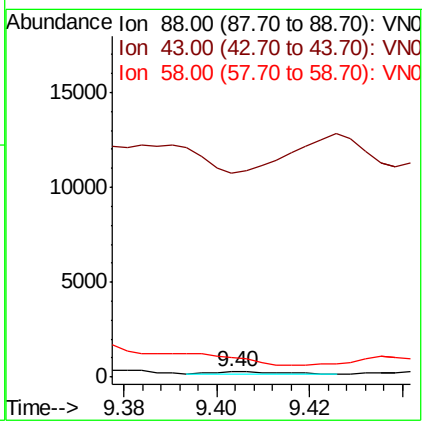


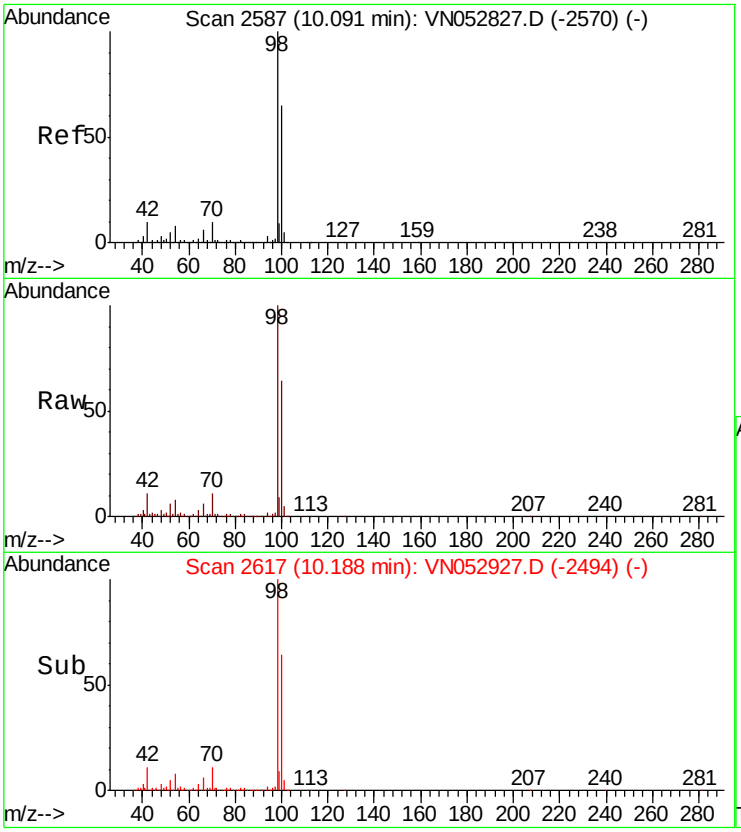


#49
1,4-Dioxane
Concen: 1.360 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.21 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	40.0#
58	0.0	58.4	87.6#



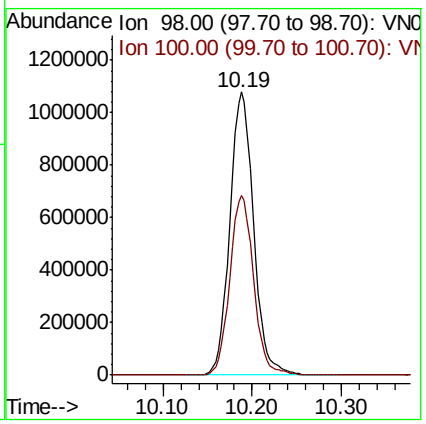


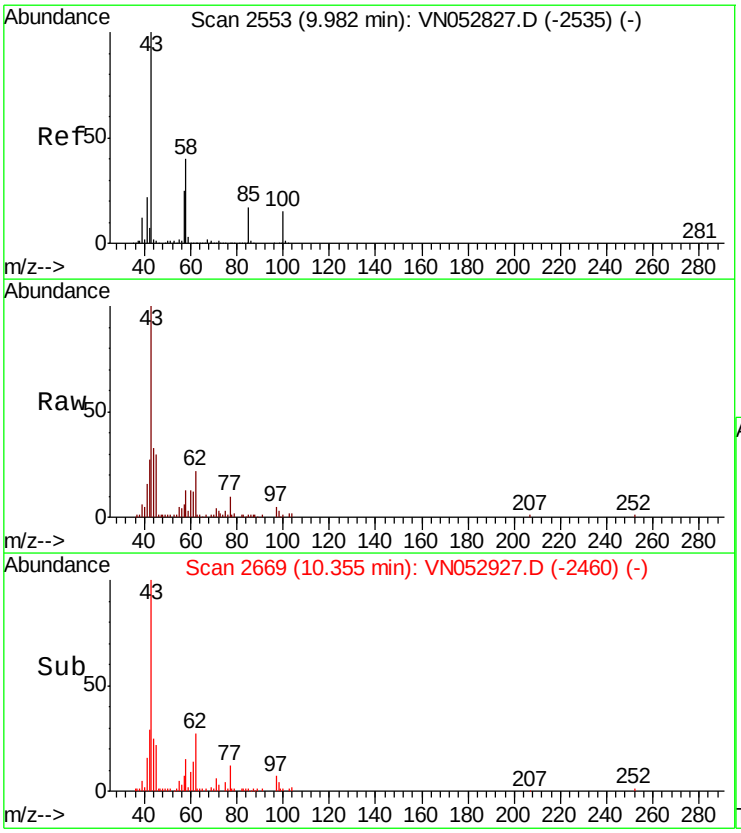
#50
Toluene-d8
Concen: 1.360 ug/l
RT: 10.19 min Scan# 2617
Delta R.T. 0.10 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 1986012

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4

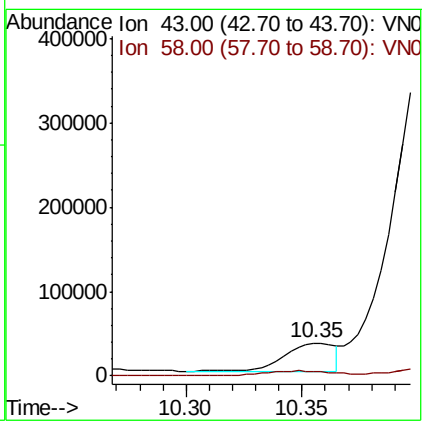


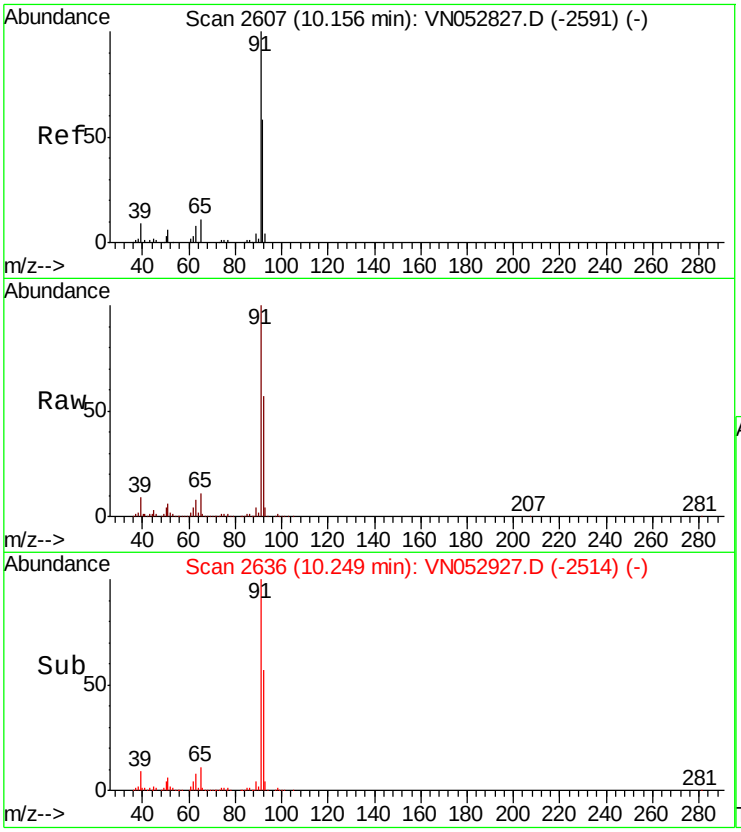


#51
4-Methyl-2-Pentanone
Concen: 5.812 ug/l
RT: 10.35 min Scan# 2669
Delta R.T. 0.37 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 43 Resp: 50370

Ion	Ratio	Lower	Upper
43	100		
58	22.1	32.2	48.4#



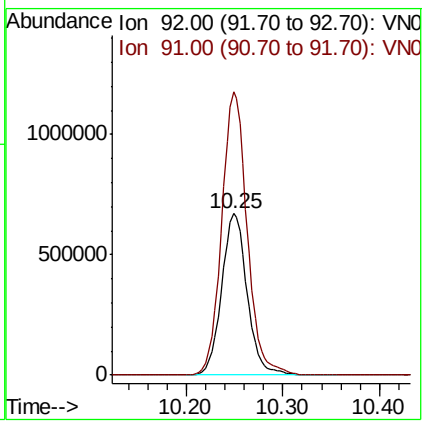


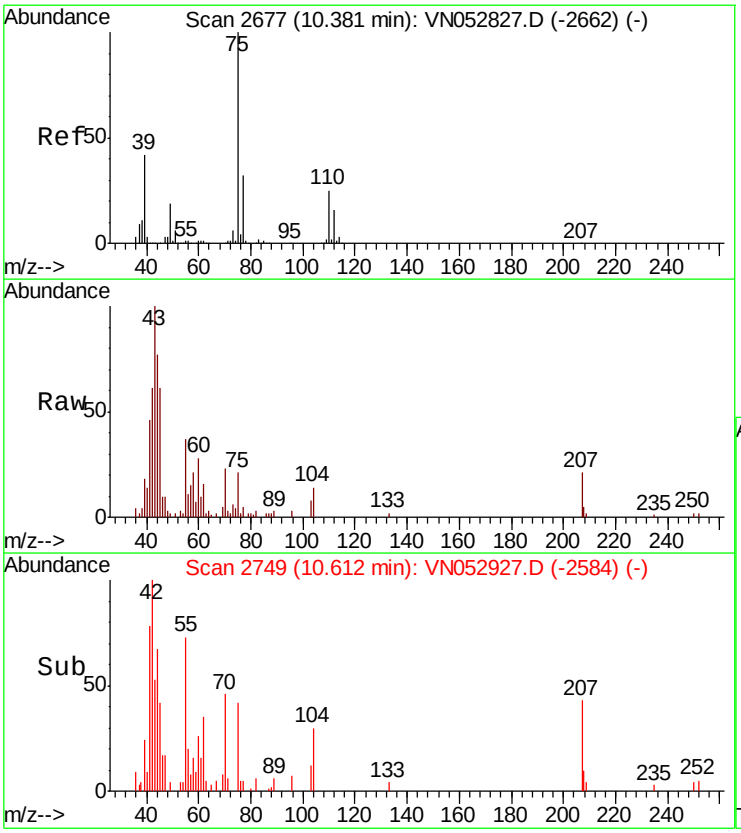
#52
Toluene
Concen: 43.810 ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.09 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 1222099

Ion	Ratio	Lower	Upper
92	100		
91	175.5	139.8	209.6

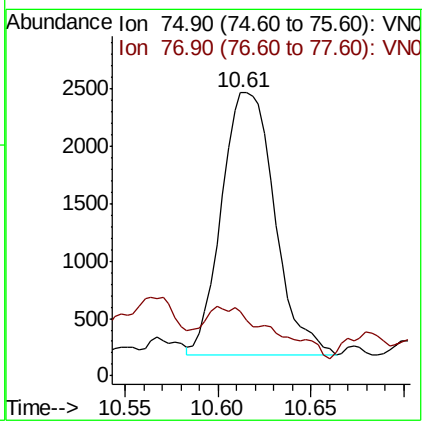


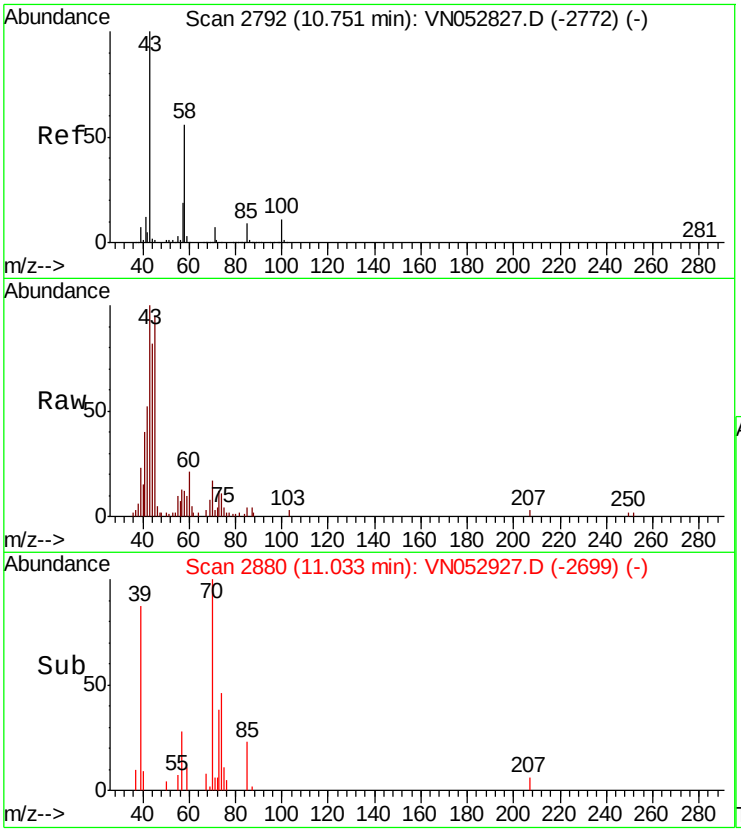


#53
t-1,3-Dichloropropene
Concen: 0.313 ug/l
RT: 10.61 min Scan# 2749
Delta R.T. 0.23 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 75 Resp: 4568

Ion	Ratio	Lower	Upper
75	100		
77	15.6	25.6	38.4#



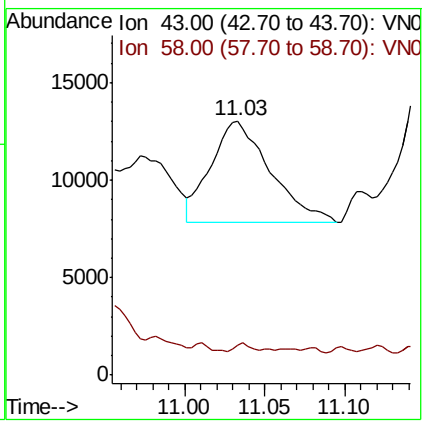


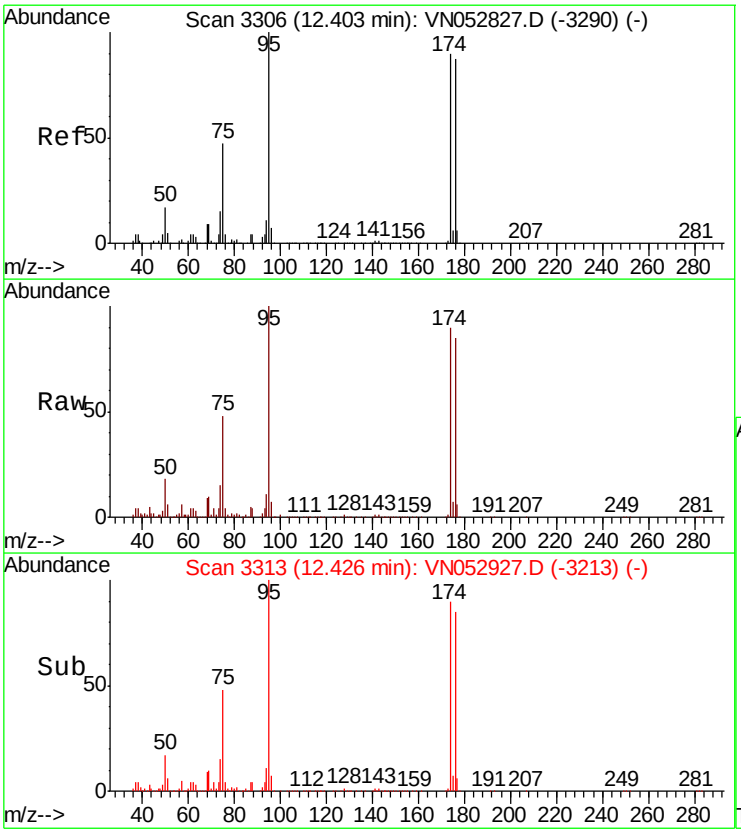
#59
2-Hexanone
Concen: 2.242 ug/l
RT: 11.03 min Scan# 2880
Delta R.T. 0.28 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 13316

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	84.3#

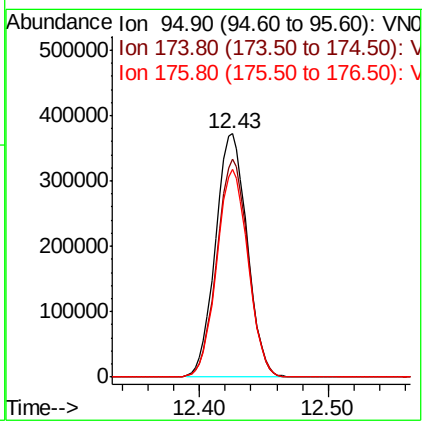


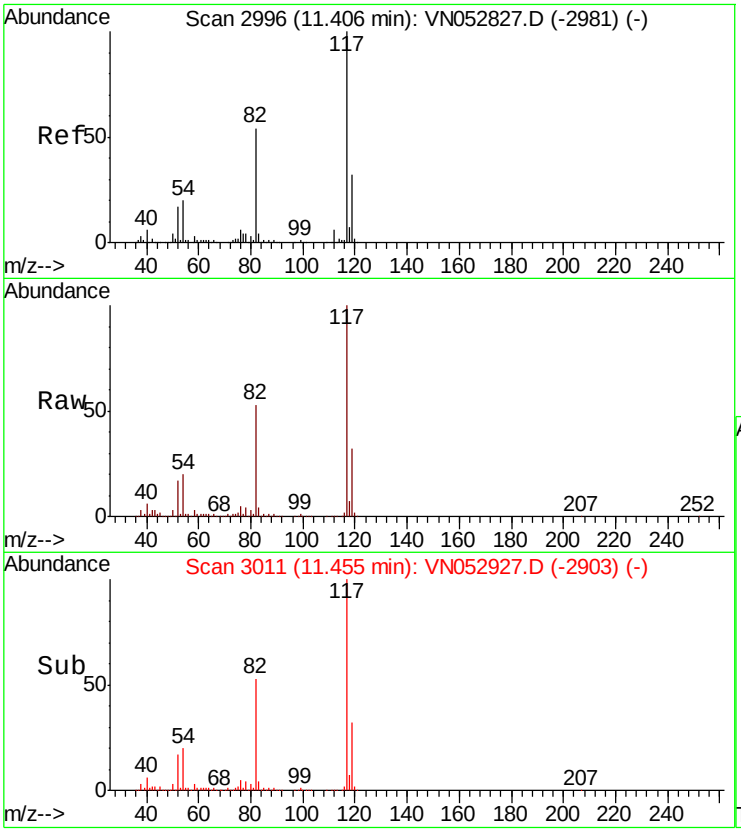


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 3313
Delta R.T. 0.02 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 95 Resp: 632285

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	178.8
176	84.6	0.0	173.8



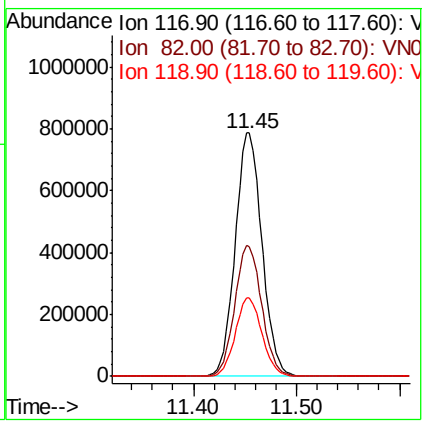


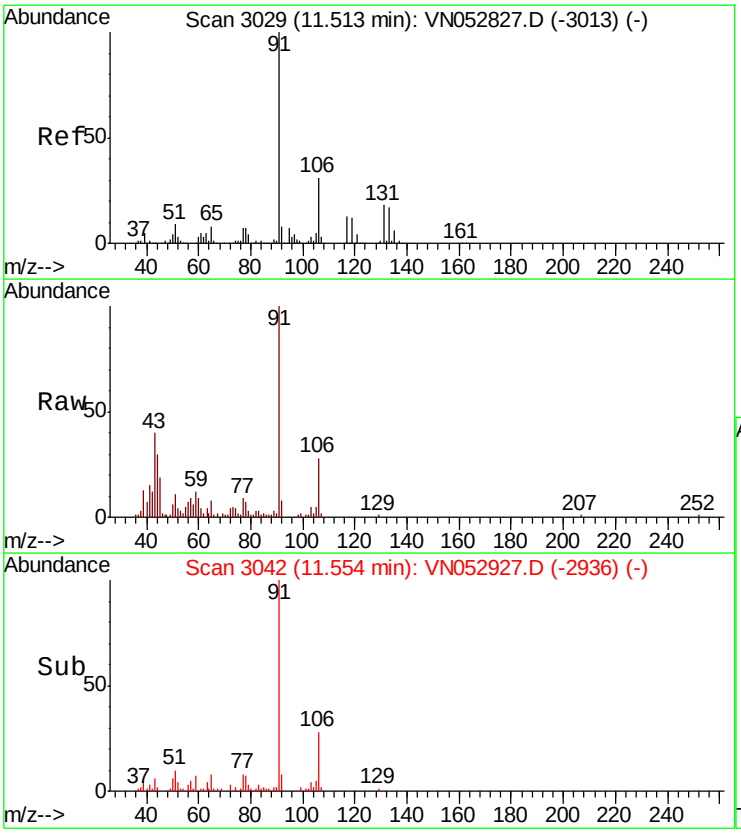
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.45 min Scan# 3011
Delta R.T. 0.05 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1418330

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.8	64.2
119	32.0	25.5	38.3

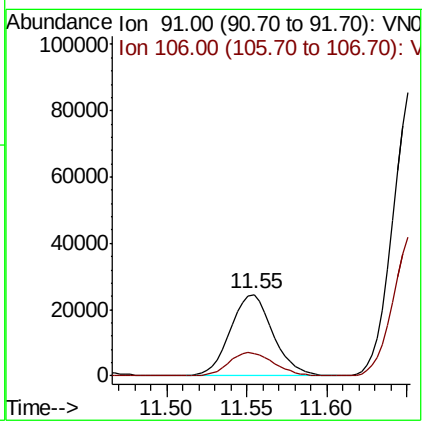


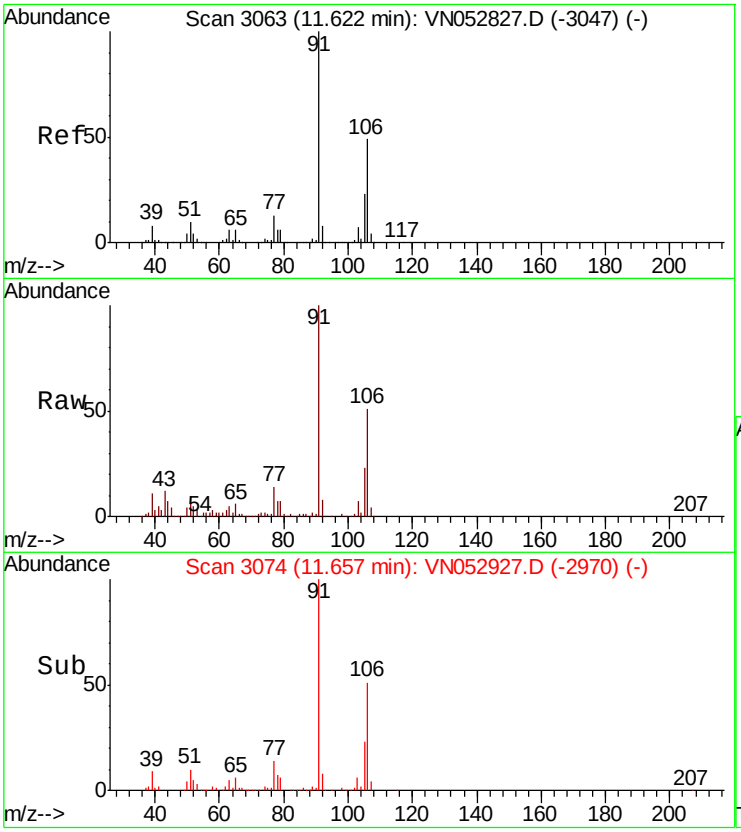


#67
Ethyl Benzene
Concen: 0.886 ug/l
RT: 11.55 min Scan# 3042
Delta R.T. 0.04 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 91 Resp: 44764

Ion	Ratio	Lower	Upper
91	100		
106	27.6	24.9	37.3



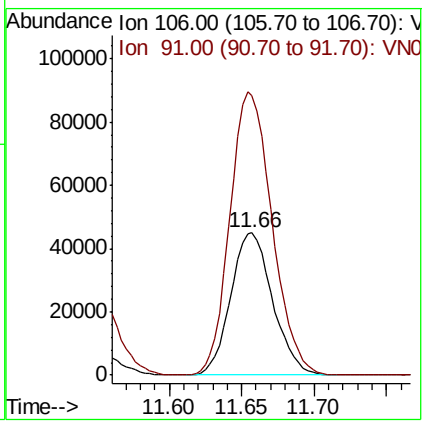


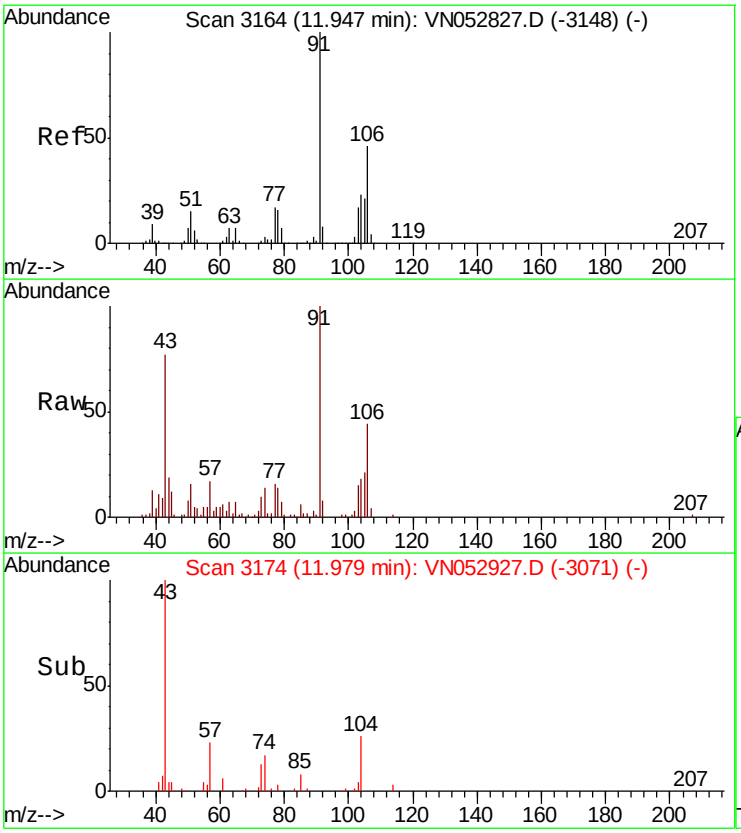
#68
m/p-Xylenes
Concen: 4.752 ug/l
RT: 11.66 min Scan# 3074
Delta R.T. 0.04 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 90157

Ion	Ratio	Lower	Upper
106	100		
91	200.8	162.2	243.4

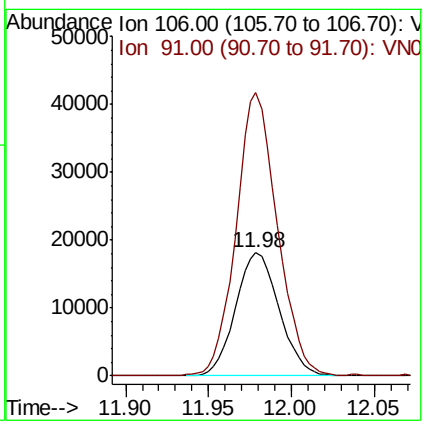


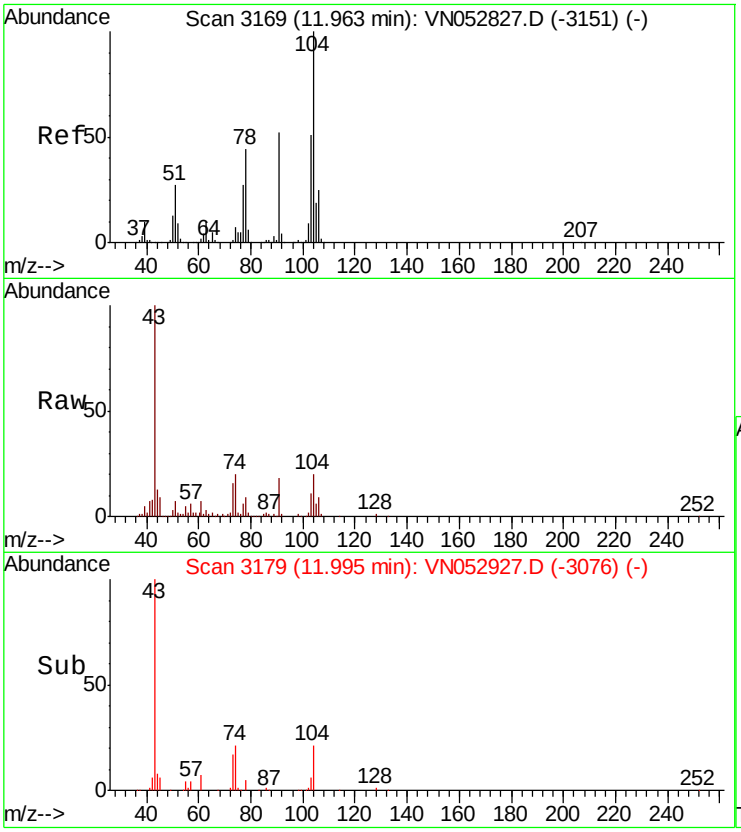


#69
o-Xylene
Concen: 1.791 ug/l
RT: 11.98 min Scan# 3174
Delta R.T. 0.03 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion:106 Resp: 33176

Ion	Ratio	Lower	Upper
106	100		
91	217.3	106.6	319.8



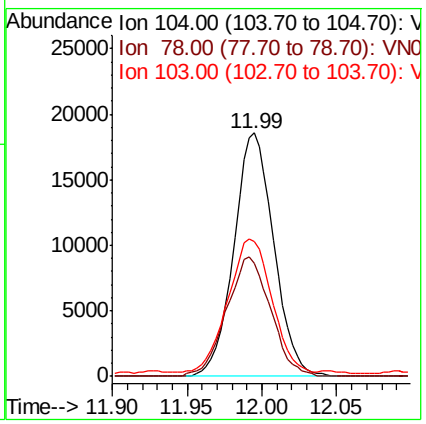


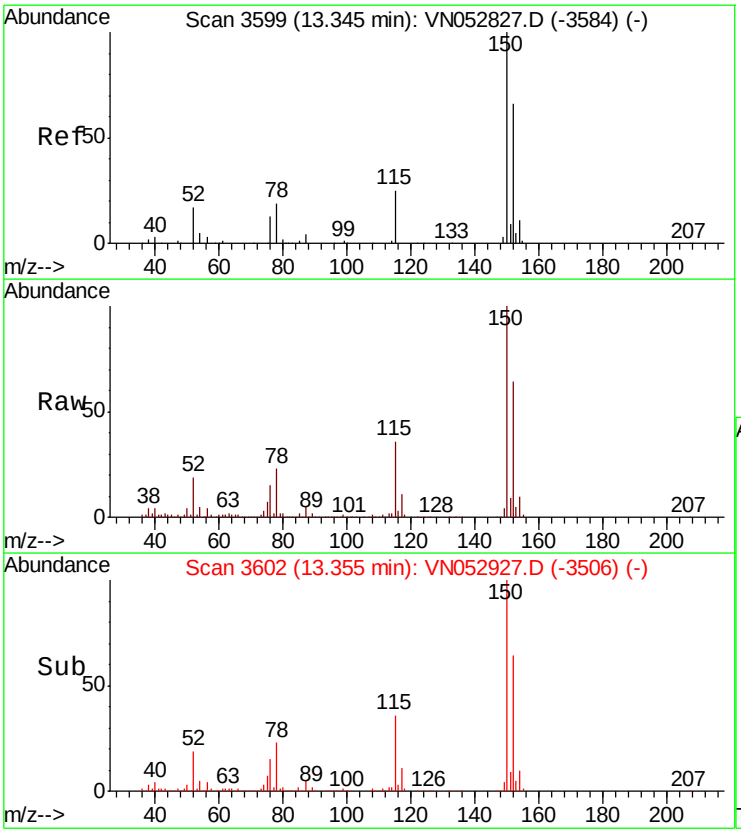
#70
Stvrene
Concen: 1.157 ug/l
RT: 11.99 min Scan# 3179
Delta R.T. 0.03 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:104 Resp: 34464

Ion	Ratio	Lower	Upper
104	100		
78	54.1	38.9	58.3
103	59.8	44.3	66.5

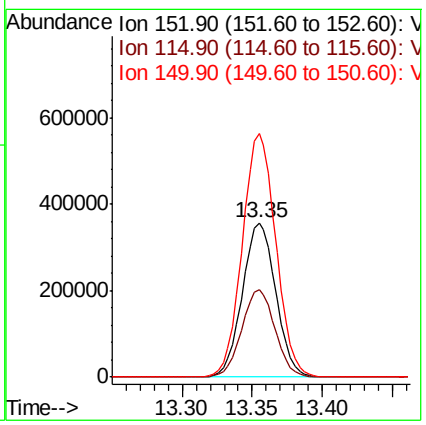


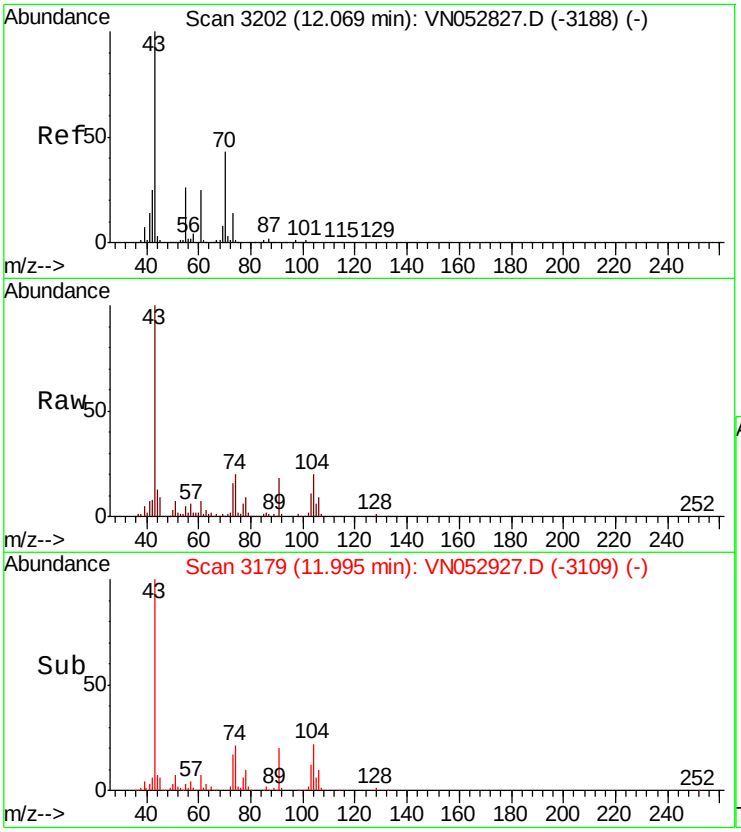


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3602
Delta R.T. 0.01 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion:152 Resp: 591127

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.3	85.0
150	158.9	0.0	347.8



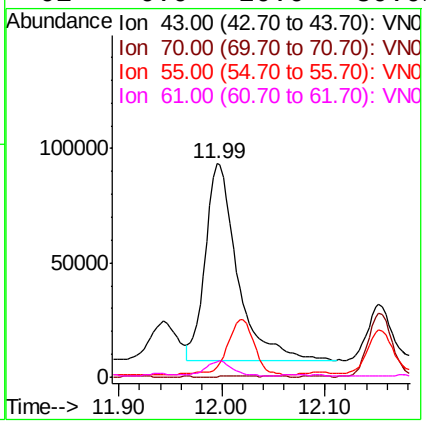


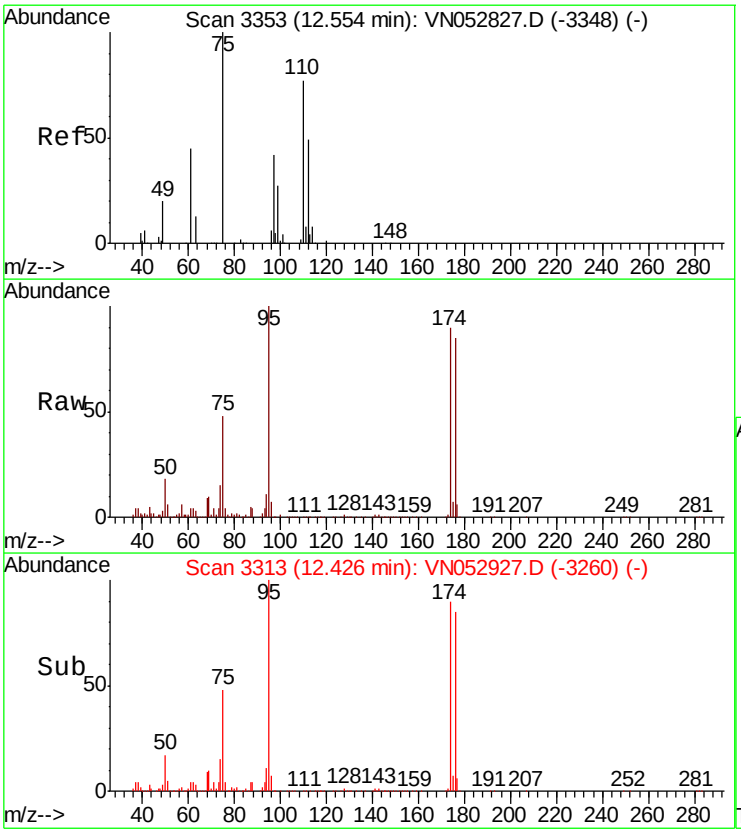
#74
N-amyl acetate
Concen: 15.333 ug/l
RT: 11.99 min Scan# 3179
Delta R.T. -0.07 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 185785

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.4#
55	1.1	20.3	30.5#
61	6.0	20.0	30.0#

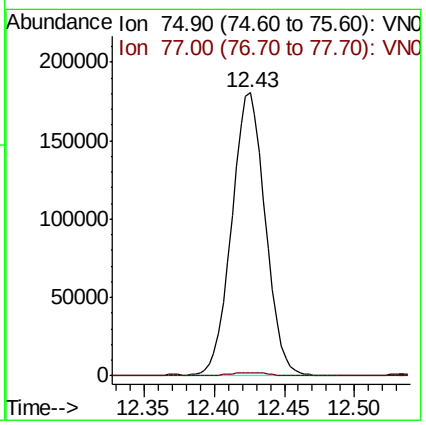


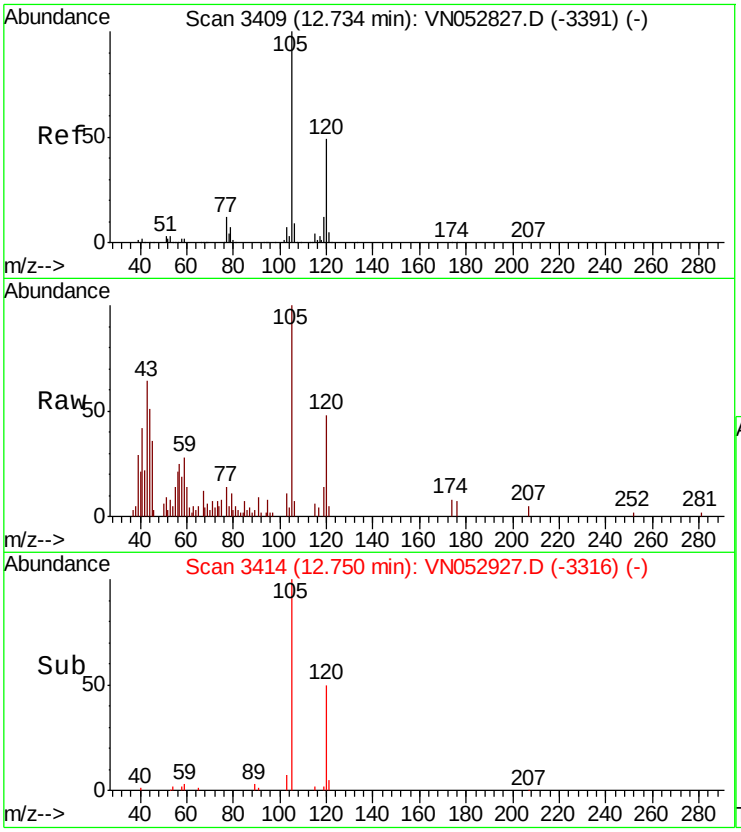


#76
1,2,3-Trichloropropane
Concen: 34.456 ug/l
RT: 12.43 min Scan# 3313
Delta R.T. -0.13 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 75 Resp: 300503

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



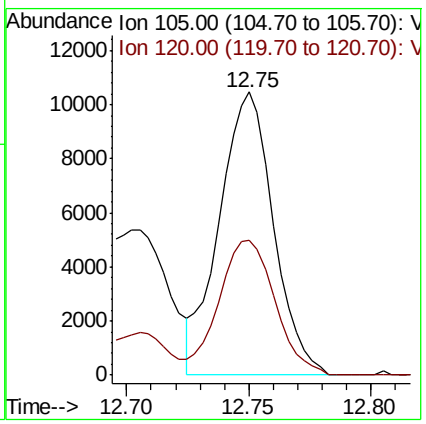


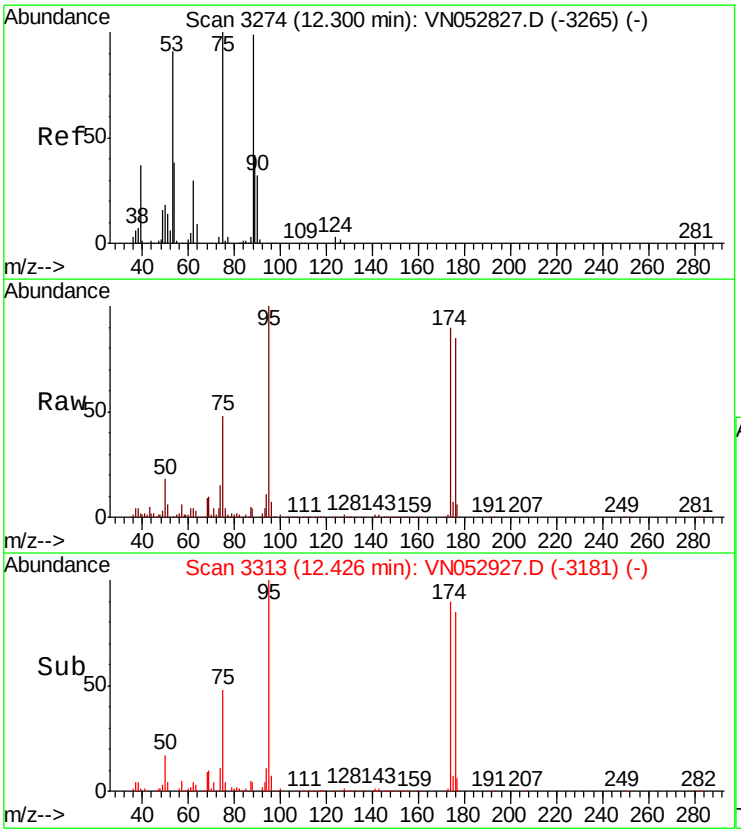
#80
1,3,5-Trimethylbenzene
Concen: 0.453 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.02 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 16128

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.4	73.2

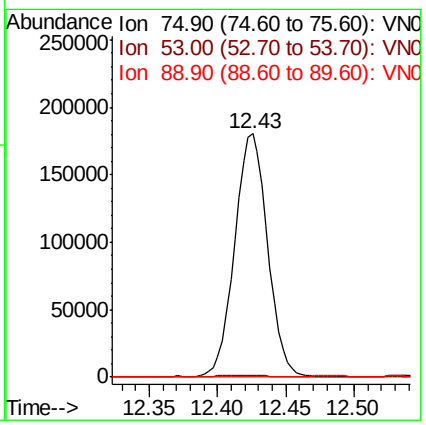


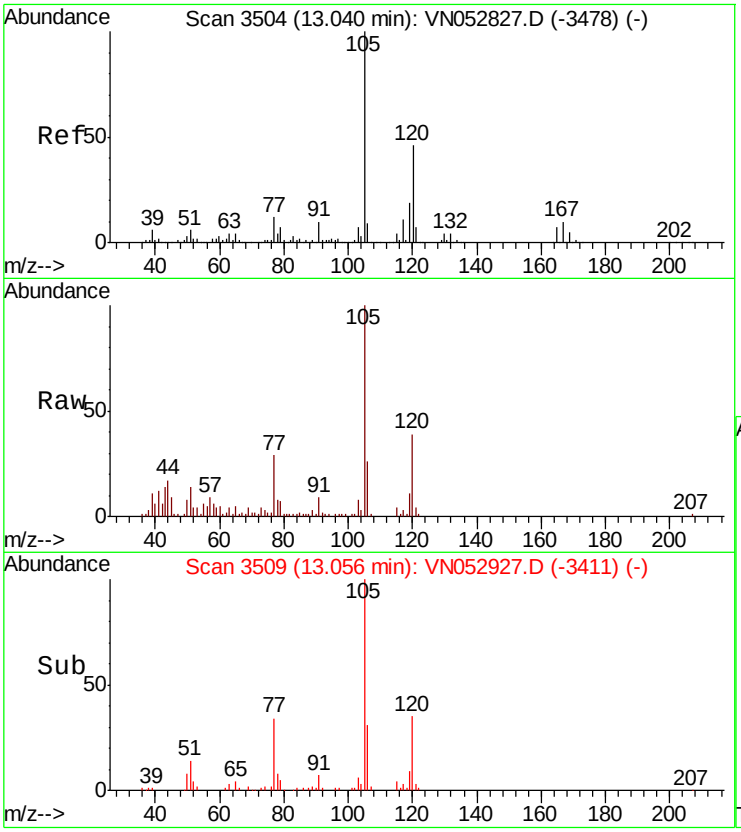


#81
trans-1,4-Dichloro-2-butene
Concen: 110.719 ug/l
RT: 12.43 min Scan# 3313
Delta R.T. 0.13 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 75 Resp: 300585

Ion	Ratio	Lower	Upper
75	100		
53	0.6	74.7	112.1#
89	0.2	36.1	54.1#



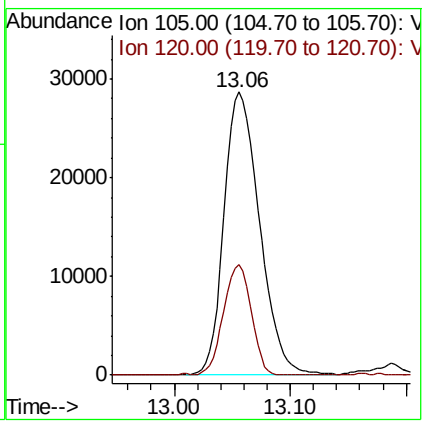


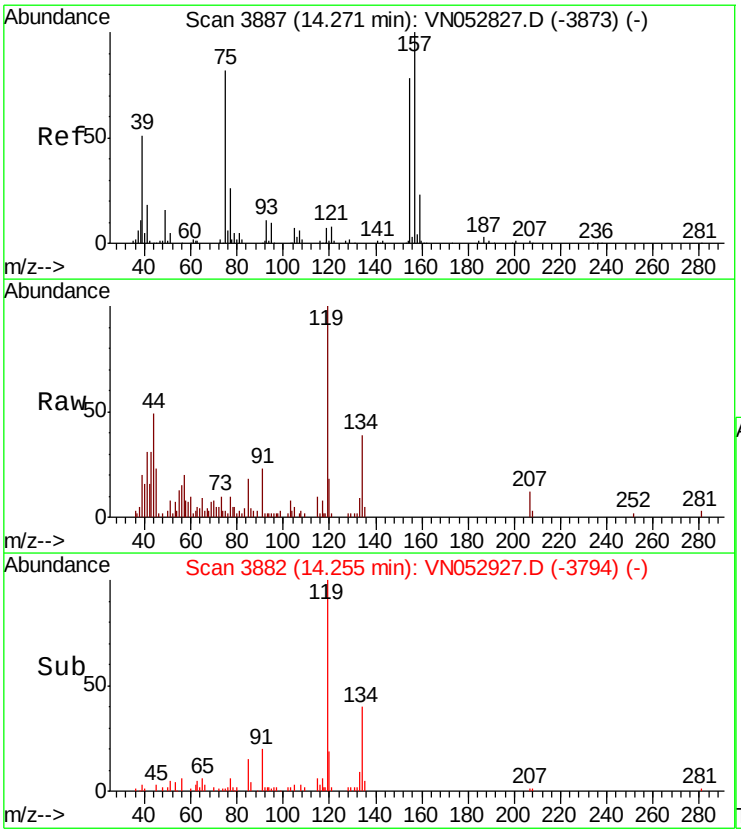
#84
1,2,4-Trimethylbenzene
Concen: 1.690 ug/l
RT: 13.06 min Scan# 3509
Delta R.T. 0.02 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 60954

Ion	Ratio	Lower	Upper
105	100		
120	30.2	22.9	68.8

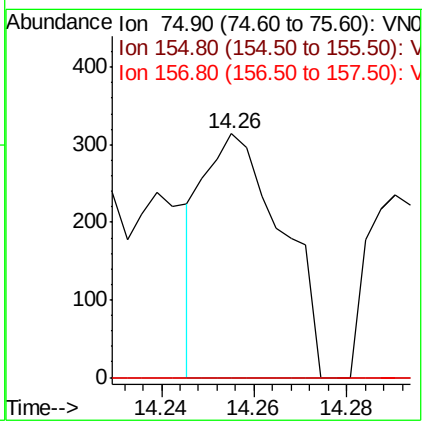


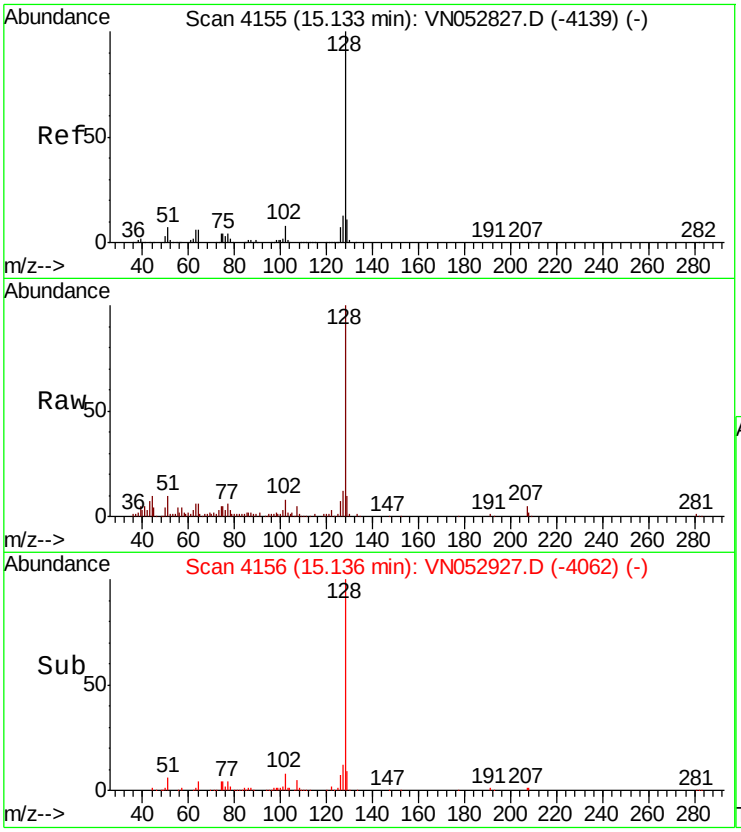


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.249 ug/l
RT: 14.26 min Scan# 3882
Delta R.T. -0.02 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Tgt Ion: 75 Resp: 371

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.2	144.6#
157	0.0	61.2	183.5#





#95
Naphthalene
Concen: 4.005 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052927.D
Acq: 17 Dec 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 86523

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.9	8.6	13.0