Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\

Quantitation Report (Not Reviewed)

Data File : VN051931.D
Acq On : 18 Oct 2018 21:48
Operator : MD\SY
Sample : PB113908ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#01

Quant Time: Oct 19 06:53:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	957692	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1423107	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1257929	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	451310	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	524422	59.07 ug/l	0.00
Spiked Amount 50.000			Recovery =	118.14%	
35) Dibromofluoromethane	7.59	113	519363	57.42 ug/l	0.00
Spiked Amount 50.000			Recovery =	114.84%	
50) Toluene-d8	10.09	98	1930912	58.65 ug/l	0.00
Spiked Amount 50.000			Recovery =	117.30%	
62) 4-Bromofluorobenzene	12.40	95	551046	50.14 ug/l	0.00
Spiked Amount 50.000			Recovery =	100.28%	
Target Compounds					Qvalue
5) Bromomethane	2.57	94	1754	Below Cal	93
10) Methyl Iodide	3.95	142	31	3.284 ug/l #	41
13) Acrolein	3.64	56	74	Below Cal #	1
16) Acetone	3.83	43	10537	6.702 ug/l	92
18) Methyl Acetate	4.34	43	12106	Below Cal	95
20) Methylene Chloride	4.55	84	14153	1.771 ug/l #	91
29) Tetrahydrofuran	7.22	42	1126	0.820 ug/l #	42
31) Cyclohexane	7.67	56	15226	Below Cal #	22
36) 1,1-Dichloropropene	7.67	75	59549	5.391 ug/l #	47
37) Ethyl Acetate	6.92	43	515	Below Cal #	64
38) Carbon Tetrachloride	7.67	117	85176	6.548 ug/l #	15
43) Isopropyl Acetate	8.17	43	302229	29.578 ug/l #	83
48) Methyl methacrylate	9.18	41	5593	1.254 ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	1474	0.287 ug/l	95
54) cis-1,3-Dichloropropene	9.91	75	2817	0.234 ug/l #	68
59) 2-Hexanone	10.77	43	15174	4.401 ug/l #	53
71) Bromoform	12.40	173	5180	3.922 ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	274445	50.032 ug/l #	100
79) 2-Chlorotoluene	12.67	91	94	Below Cal #	36
81) trans-1,4-Dichloro-2-buten	12.40	75	274445	164.415 ug/l #	14
95) Naphthalene	15.14	128	475	4.091 ug/l #	70

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\

Quantitation Report (Not Reviewed)

Data File : VN051931.D
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Operator : MD\SY
Sample : PB113908ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Quant Time: Oct 19 06:53:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
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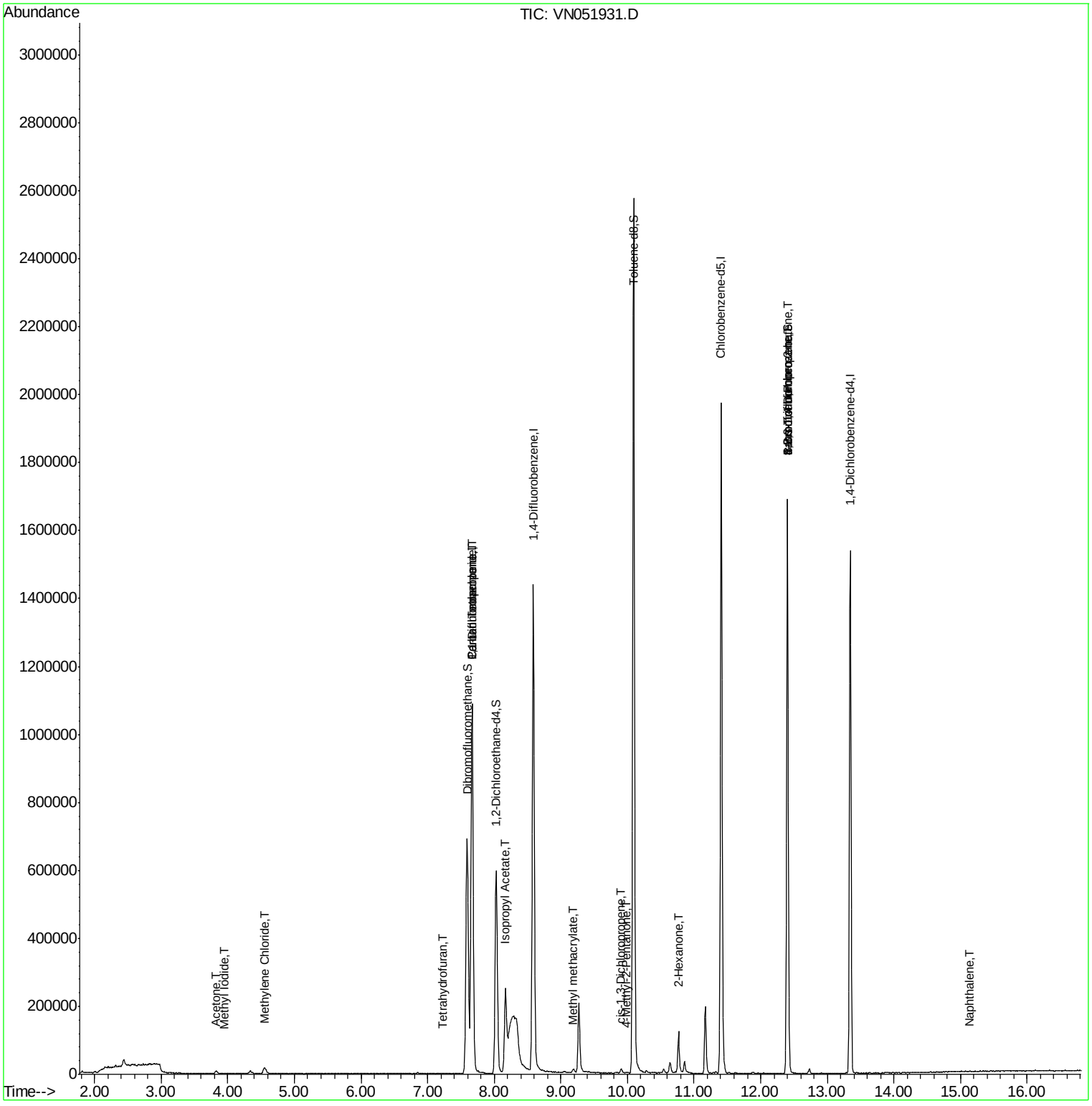
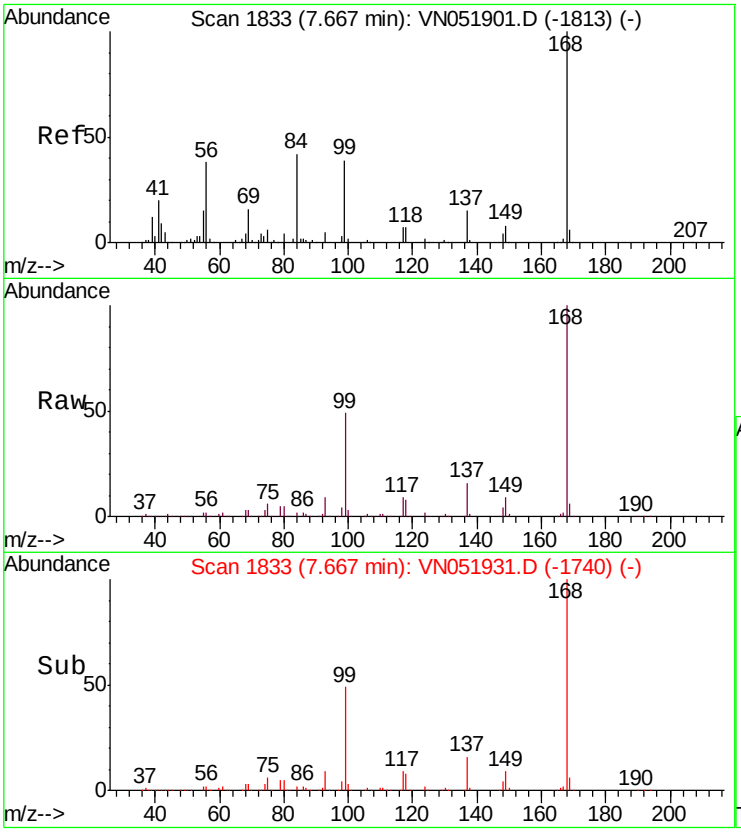
Response via : Initial Calibration



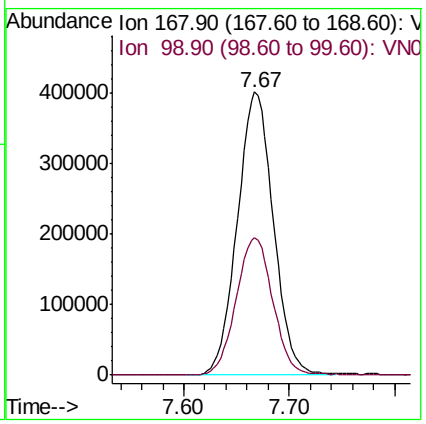


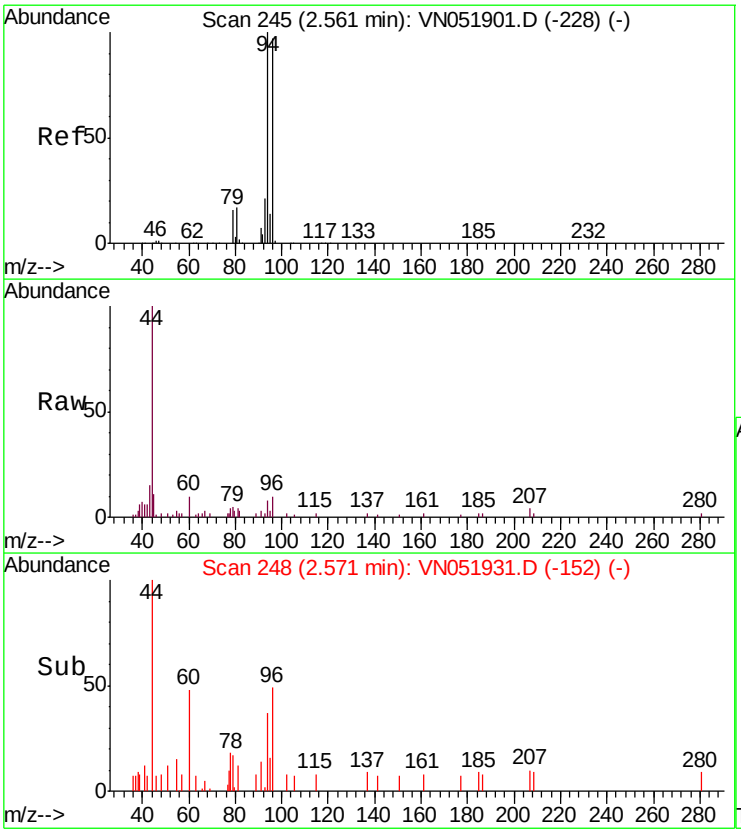
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion:168 Resp: 957692

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.2	58.8

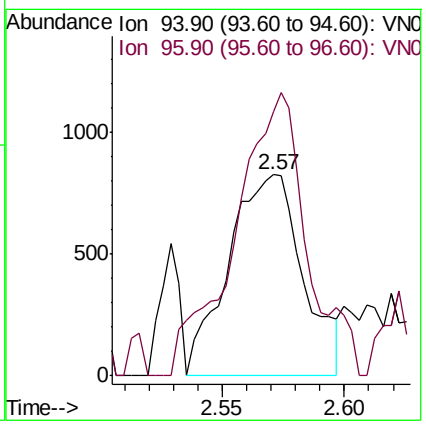


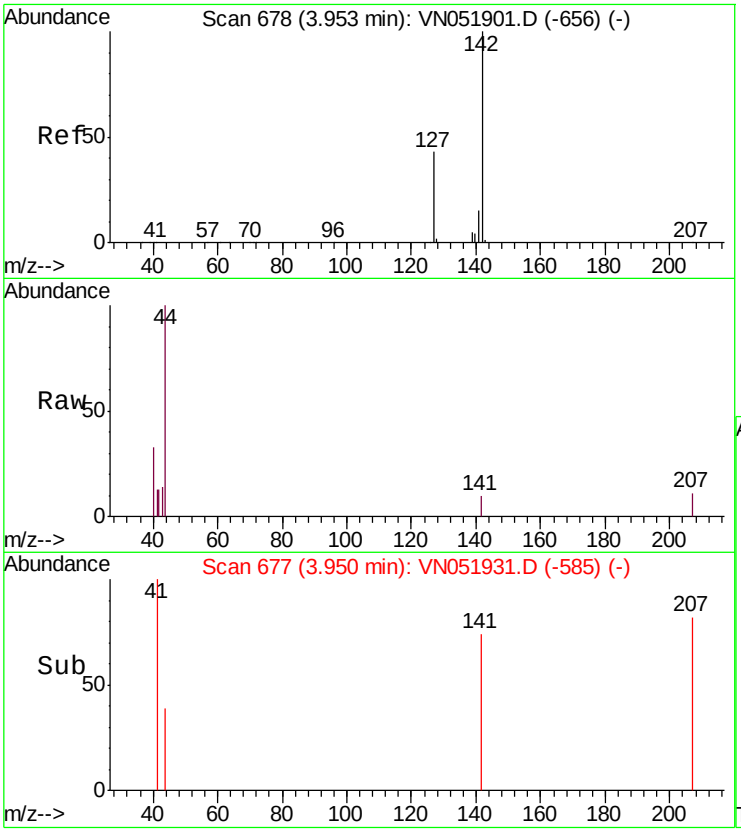


#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 94 Resp: 1754

Ion	Ratio	Lower	Upper
94	100		
96	103.4	77.5	116.3



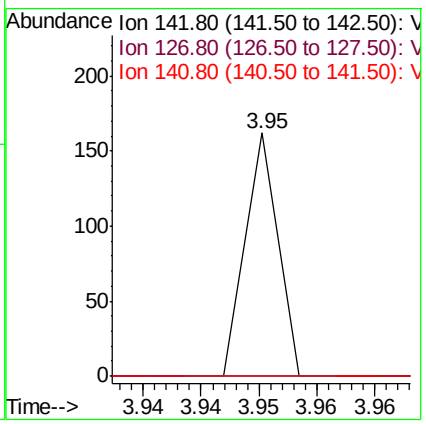


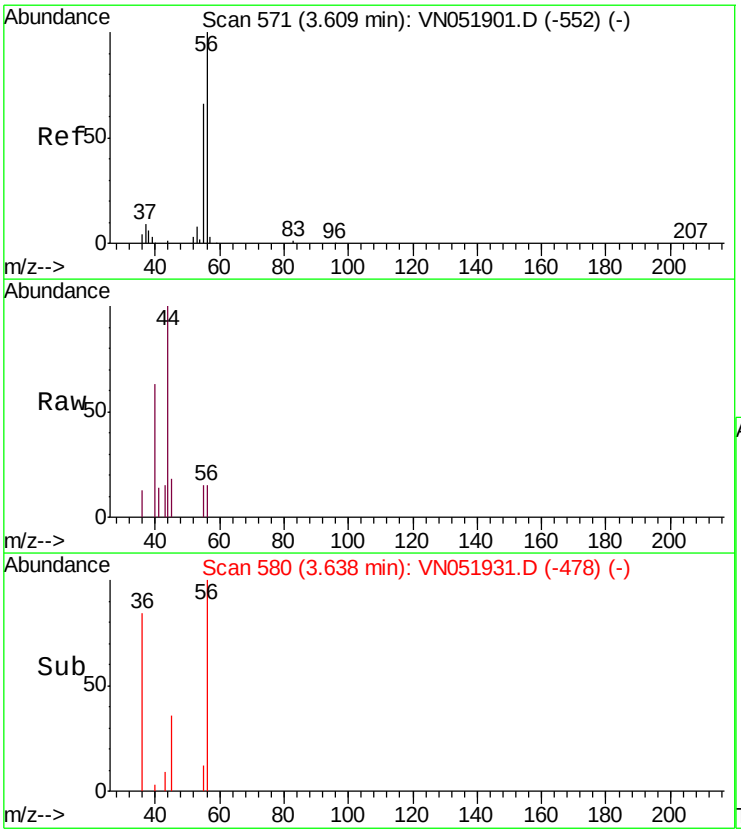
#10
Methyl Iodide
Concen: 3.284 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion:142 Resp: 31

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.3	51.5#
141	0.0	11.1	16.7#

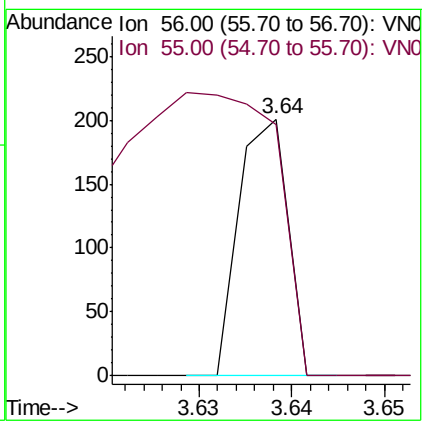


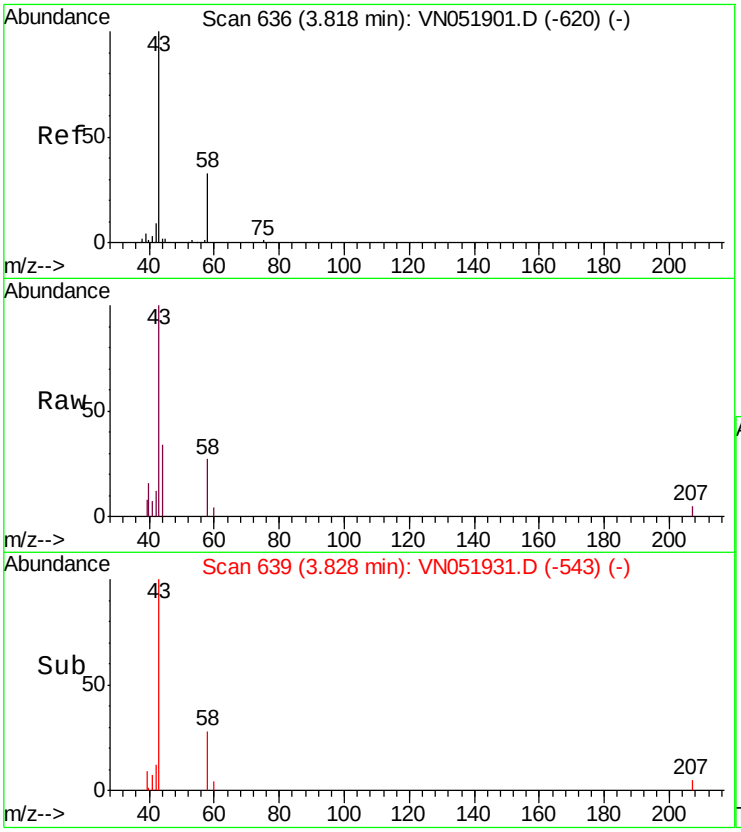


#13
Acrolein
Concen: Below Cal
RT: 3.64 min Scan# 580
Delta R.T. 0.03 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 56 Resp: 74

Ion	Ratio	Lower	Upper
56	100		
55	362.2	56.7	85.1#



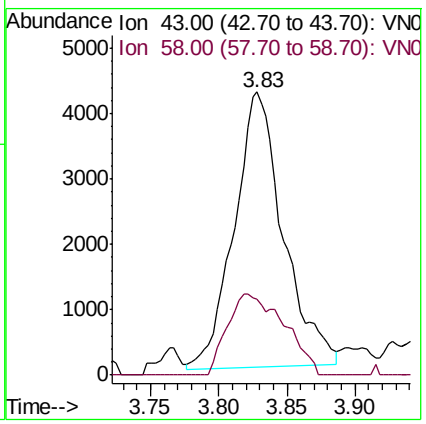


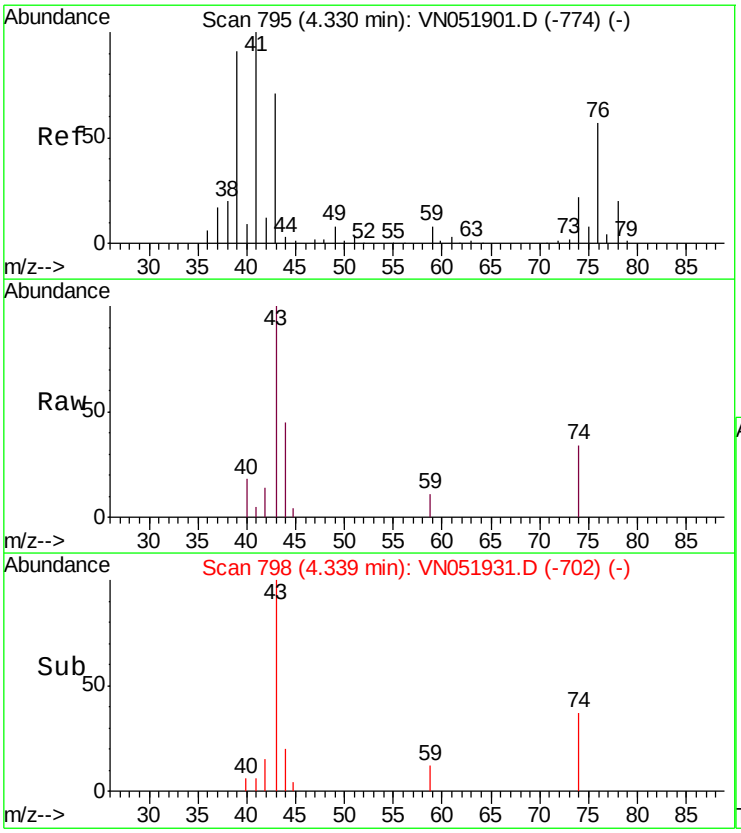
#16
Acetone
Concen: 6.702 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion: 43 Resp: 10537

Ion	Ratio	Lower	Upper
43	100		
58	28.0	25.9	38.9

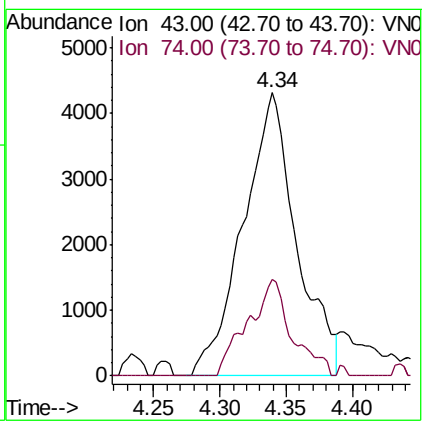


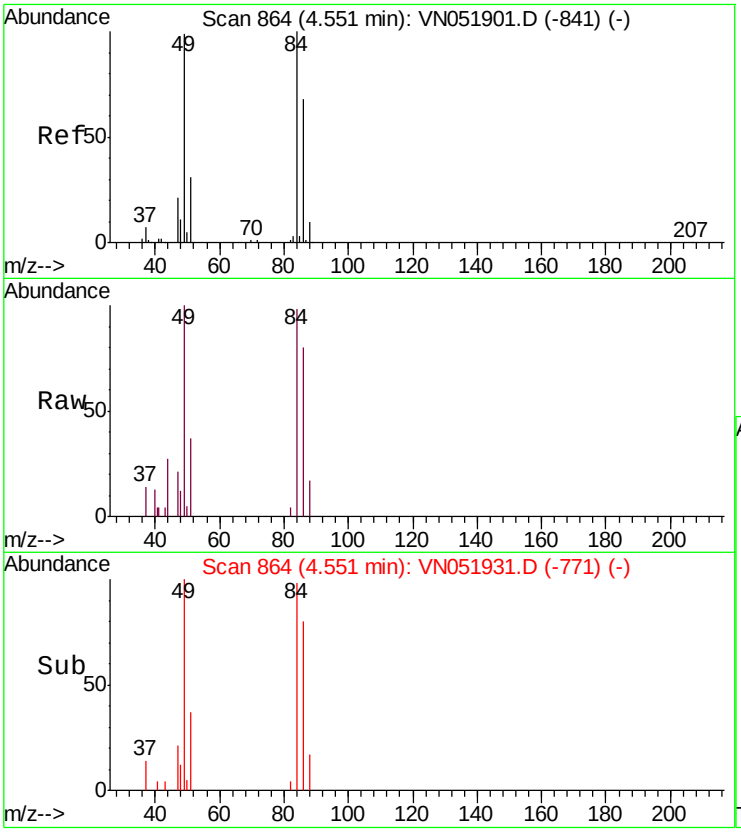


#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 43 Resp: 12106

Ion	Ratio	Lower	Upper
43	100		
74	28.3	24.9	37.3



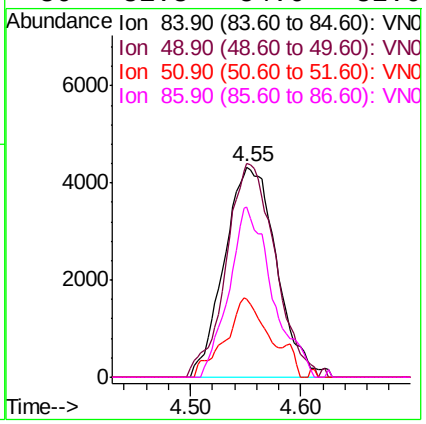


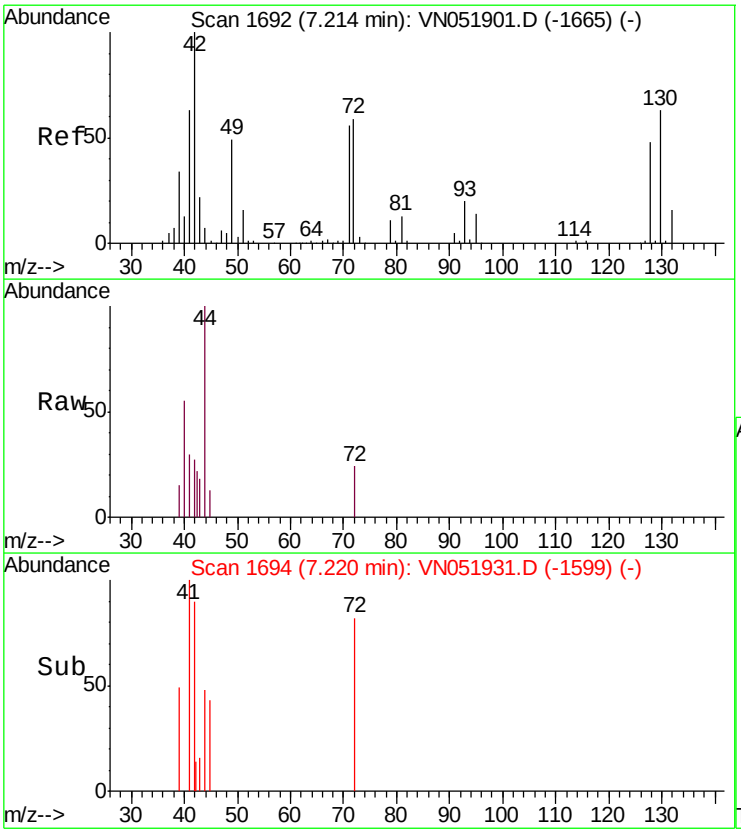
#20
Methylene Chloride
Concen: 1.771 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion: 84 Resp: 14153

Ion	Ratio	Lower	Upper
84	100		
49	101.7	79.0	118.4
51	37.4	24.9	37.3#
86	81.3	54.6	82.0

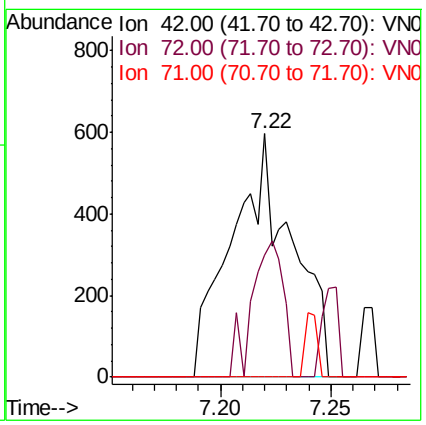


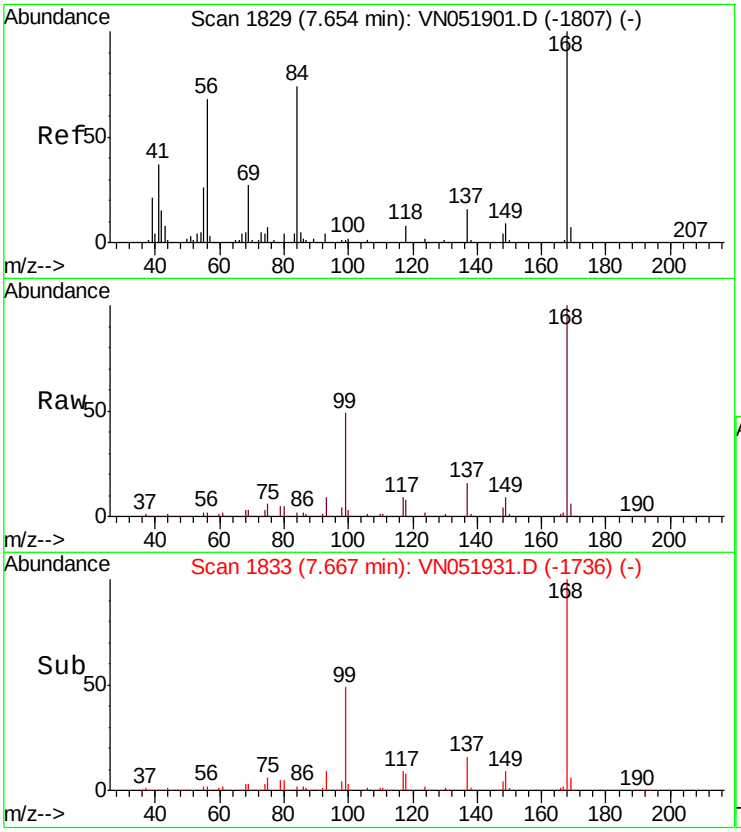


#29
Tetrahydrofuran
Concen: 0.820 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 42 Resp: 1126

Ion	Ratio	Lower	Upper
42	100		
72	29.2	47.7	71.5#
71	0.0	45.4	68.0#



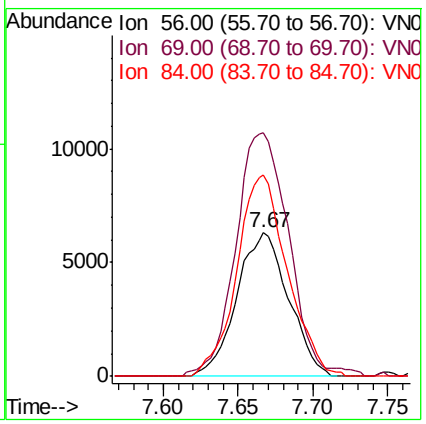


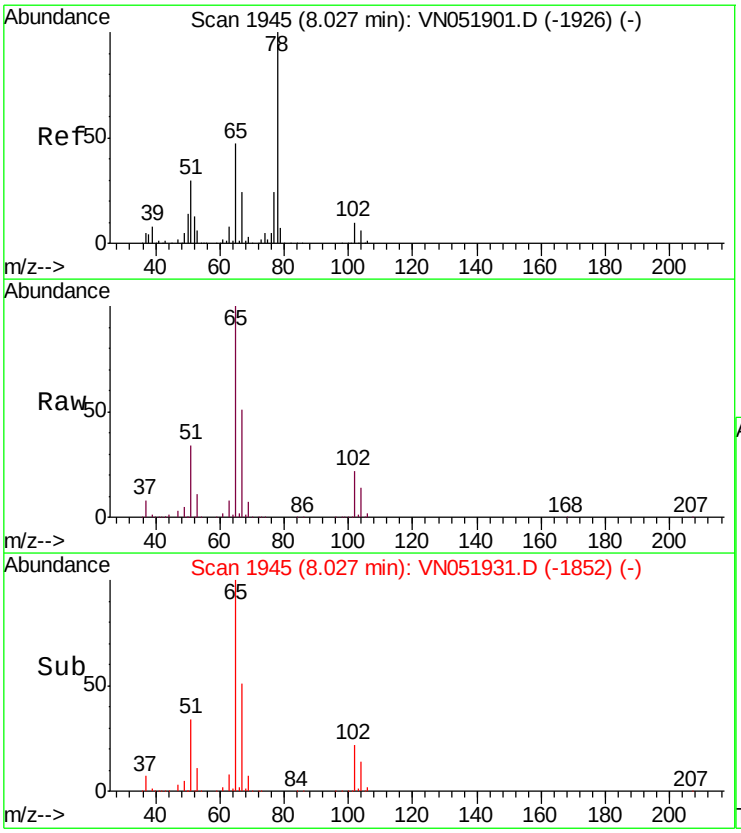
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion: 56 Resp: 15226

Ion	Ratio	Lower	Upper
56	100		
69	166.9	31.2	46.8#
84	140.3	86.6	130.0#

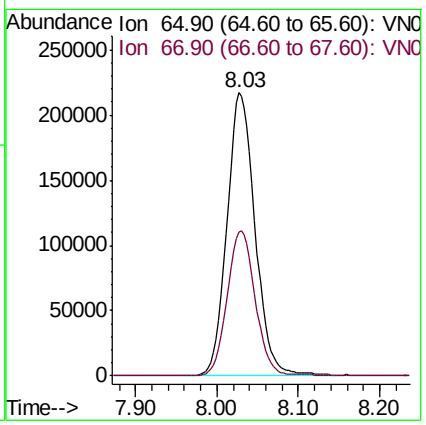


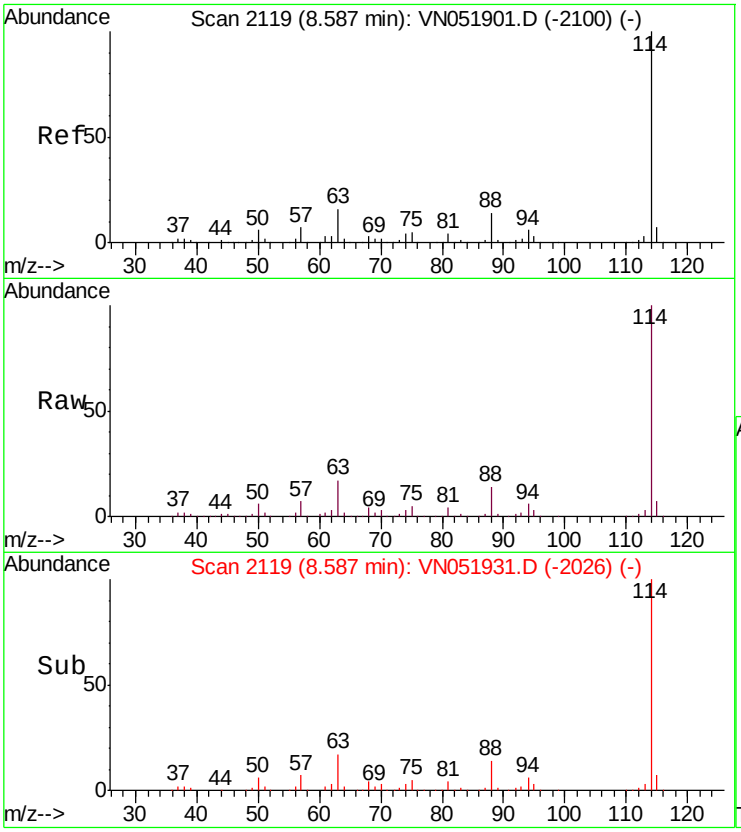


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 65 Resp: 524422

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0



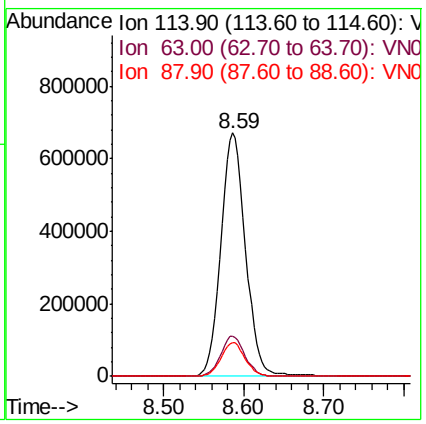


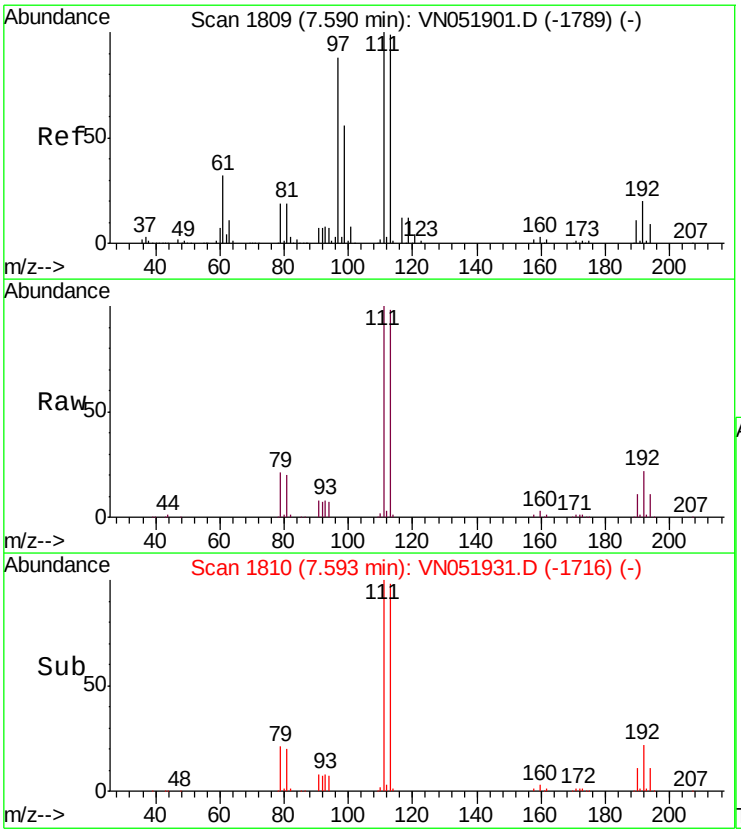
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion:114 Resp: 1423107

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	31.8
88	14.1	0.0	28.0

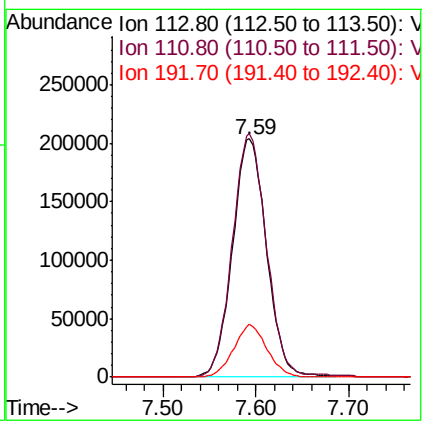


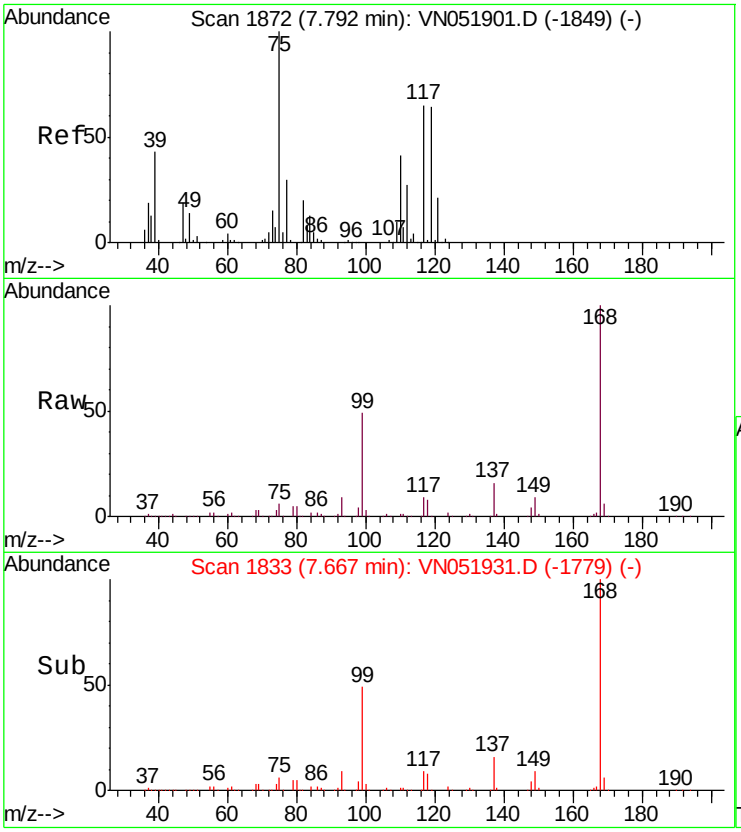


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion:113 Resp: 519363

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	21.5	17.3	25.9



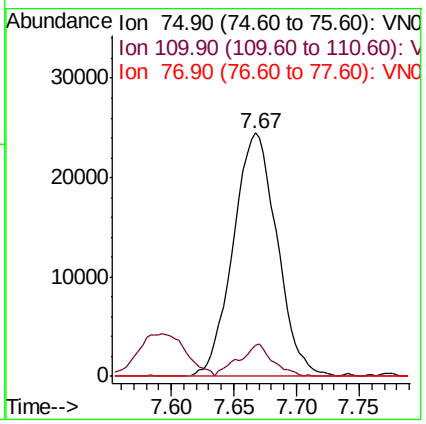


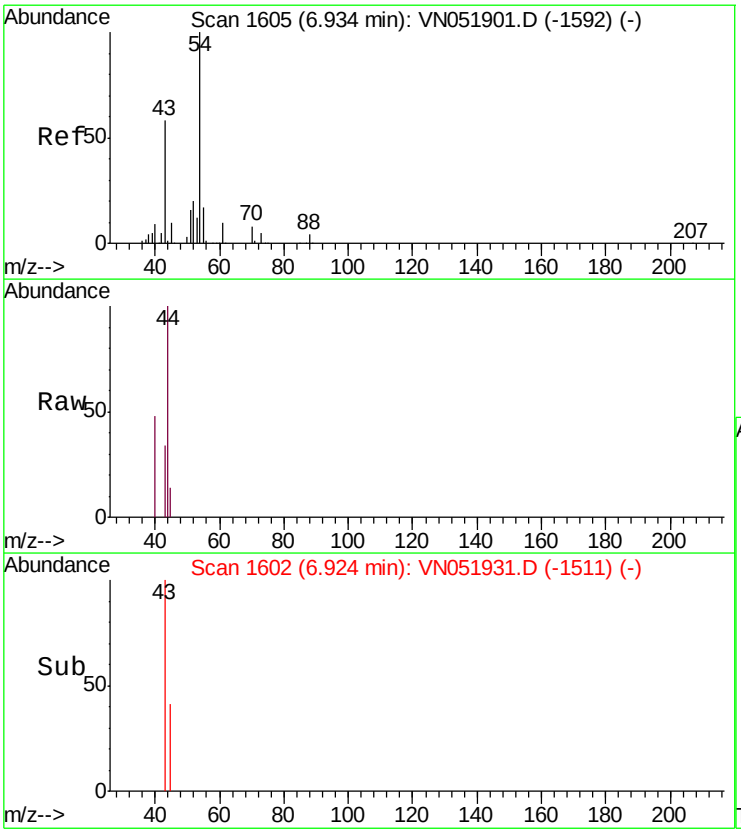
#36
1,1-Dichloropropene
Concen: 5.391 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion: 75 Resp: 59549

Ion	Ratio	Lower	Upper
75	100		
110	10.4	21.0	63.0#
77	0.0	24.9	37.3#

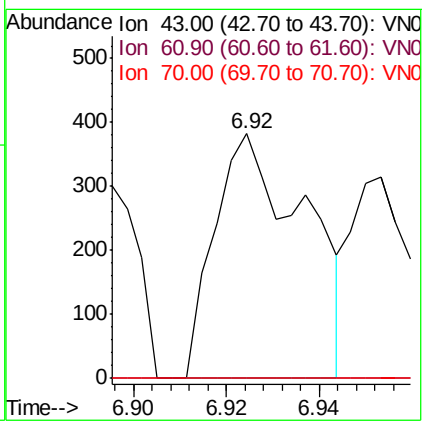


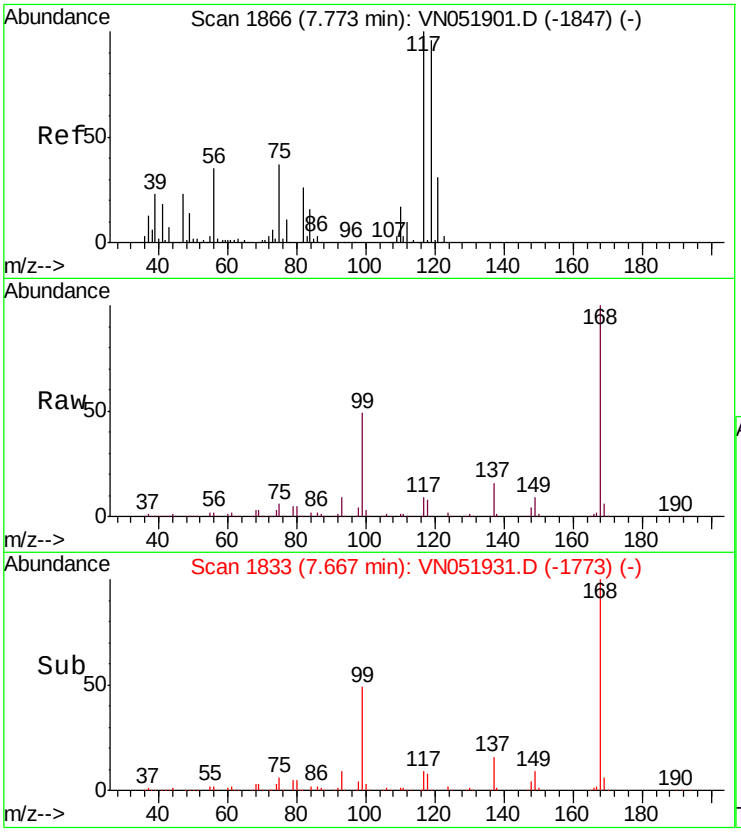


#37
Ethyl Acetate
Concen: Below Cal
RT: 6.92 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 43 Resp: 515

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.6#
70	0.0	10.4	15.6#



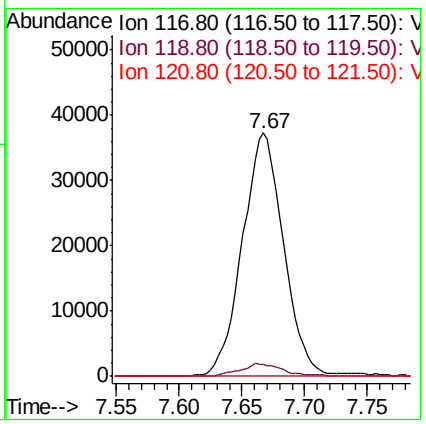


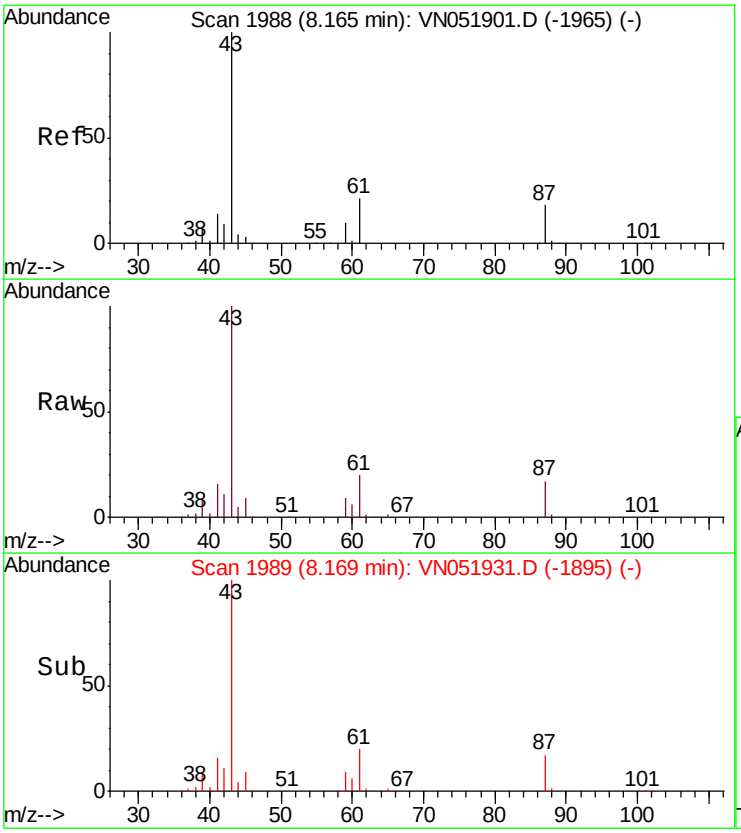
#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion:117 Resp: 85176

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.0	115.6#
121	0.0	25.1	37.7#

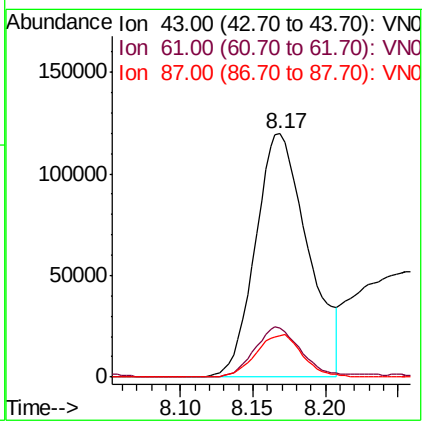


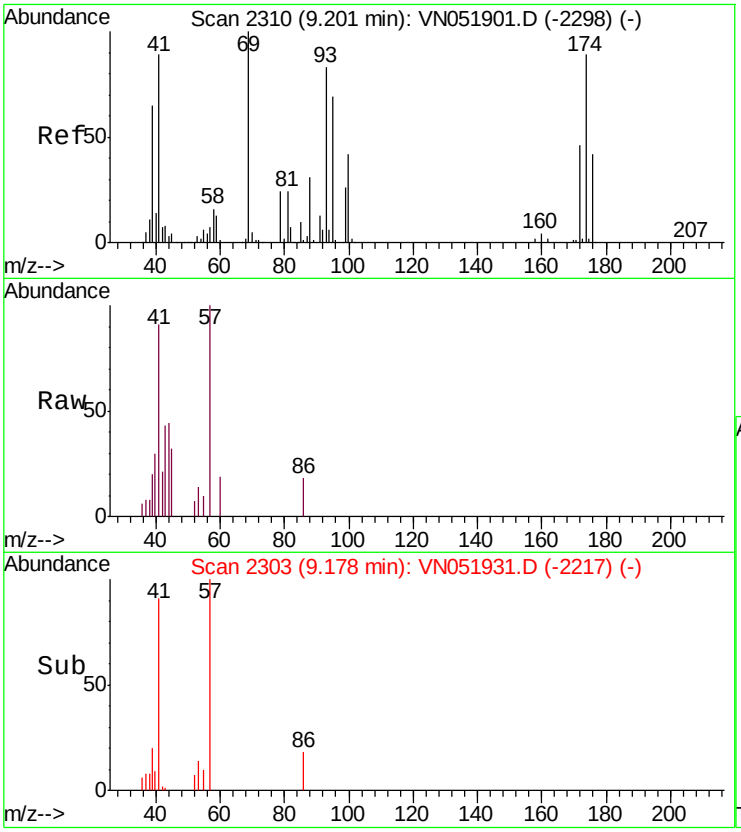


#43
Isopropyl Acetate
Concen: 29.578 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 43 Resp: 302229

Ion	Ratio	Lower	Upper
43	100		
61	18.4	24.9	37.3#
87	15.4	14.6	22.0



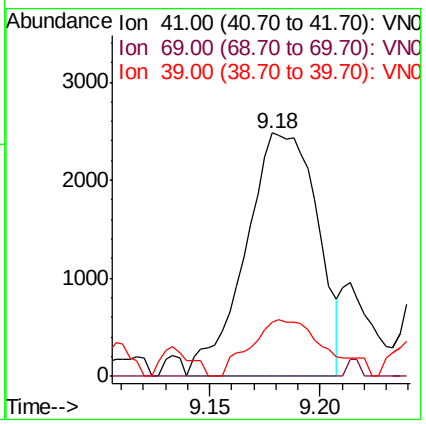


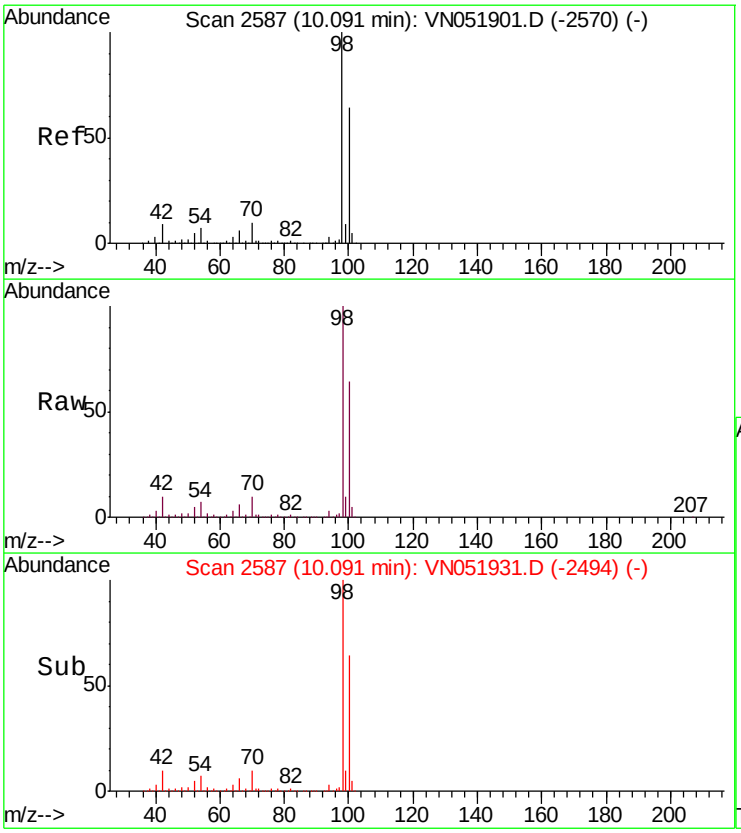
#48
Methyl methacrylate
Concen: 1.254 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion: 41 Resp: 5593

Ion	Ratio	Lower	Upper
41	100		
69	0.0	90.2	135.2#
39	23.9	59.7	89.5#

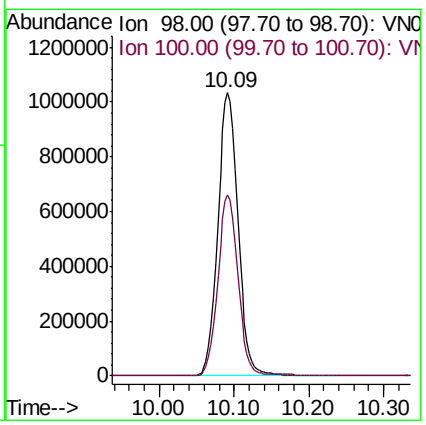


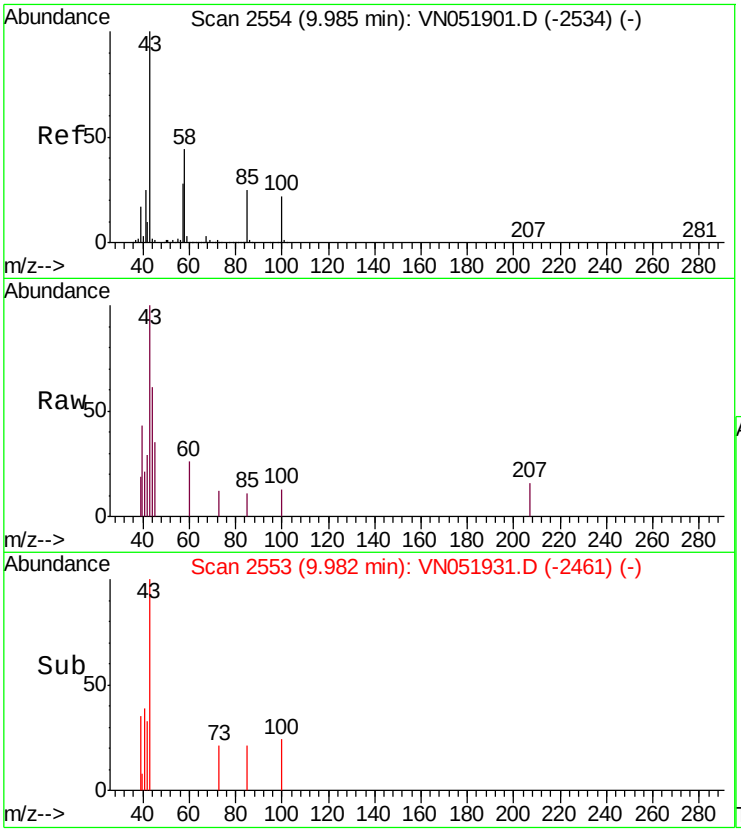


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 98 Resp: 1930912

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.0	76.4



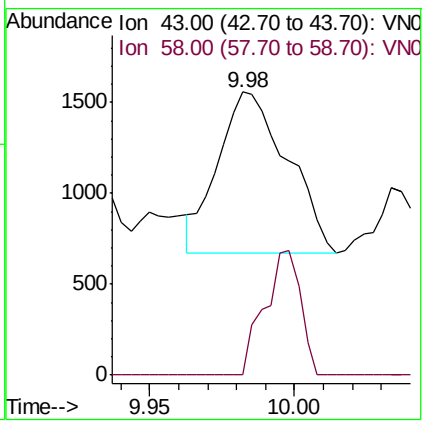


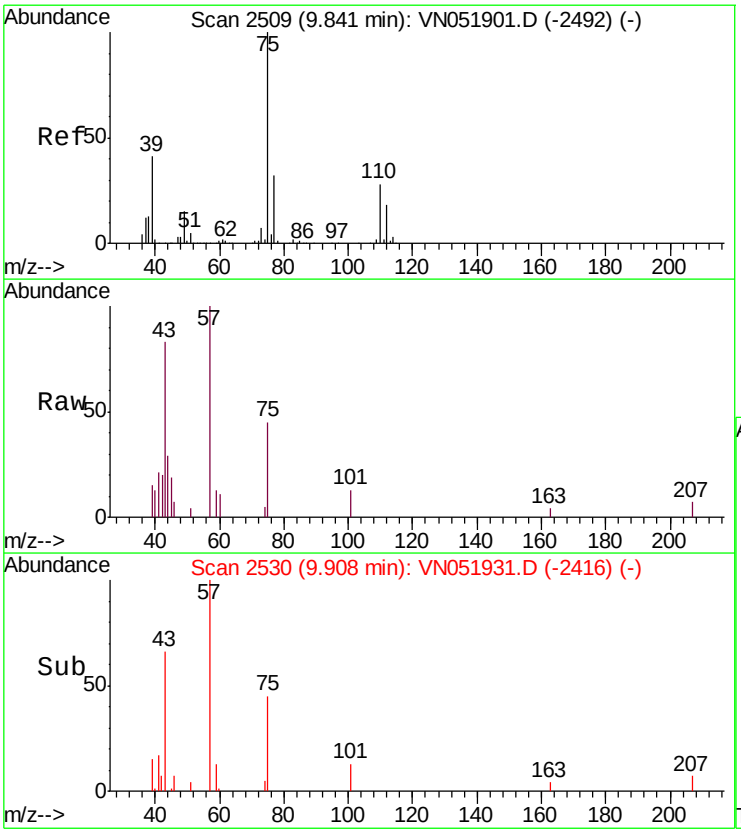
#51
4-Methyl-2-Pentanone
Concen: 0.287 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion: 43 Resp: 1474

Ion	Ratio	Lower	Upper
43	100		
58	39.8	34.6	52.0

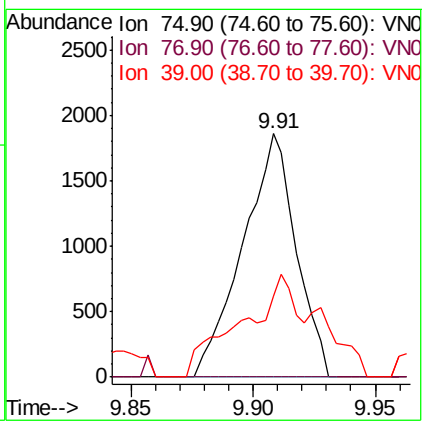


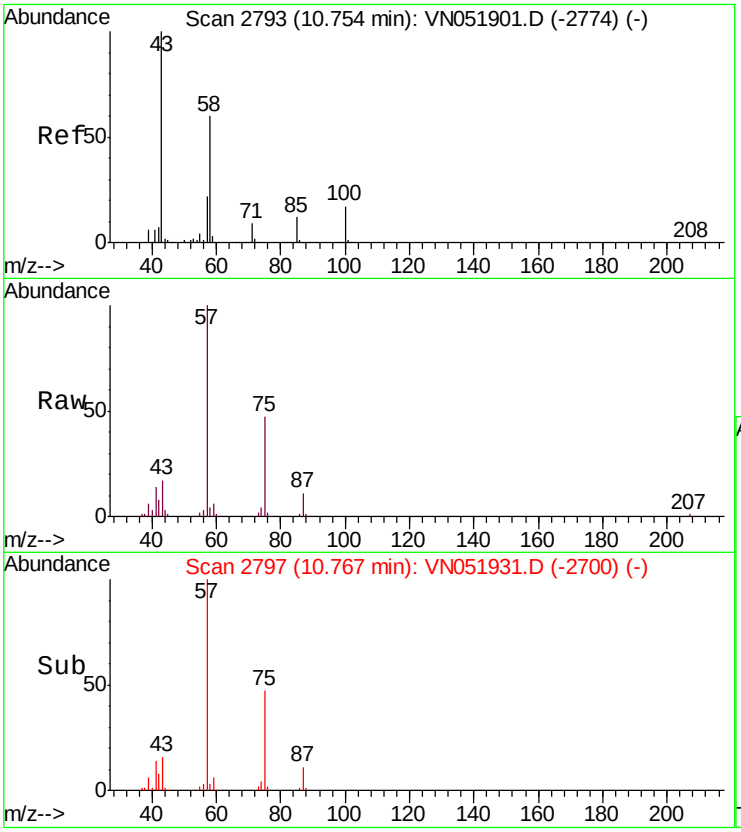


#54
cis-1,3-Dichloropropene
Concen: 0.234 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 75 Resp: 2817

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	33.3	32.8	49.2



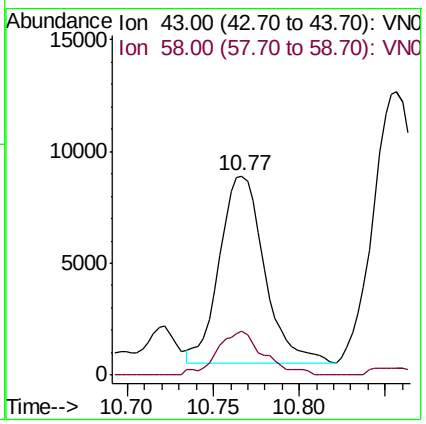


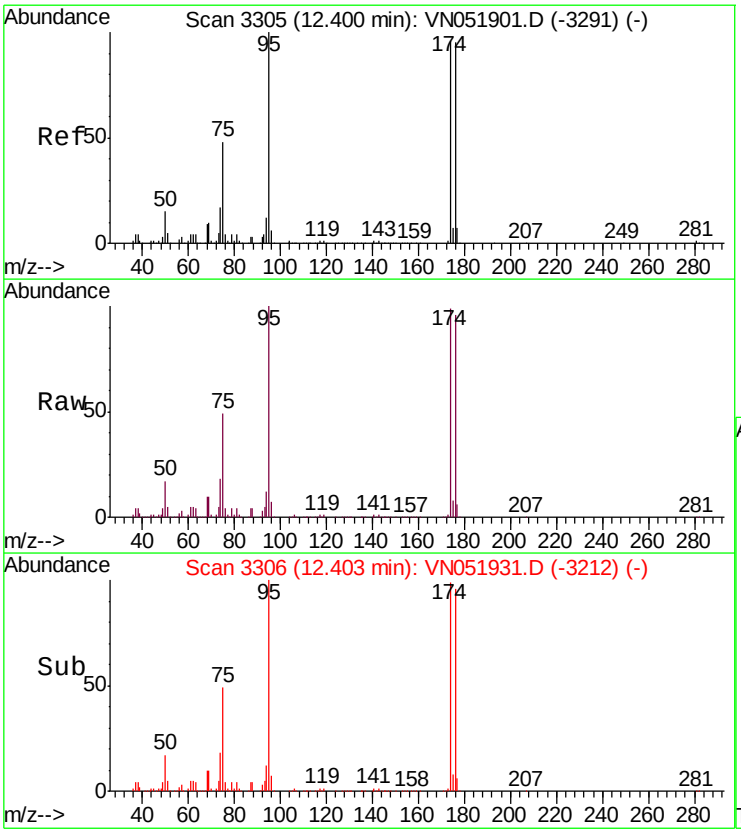
#59
2-Hexanone
Concen: 4.401 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#01

Tgt Ion: 43 Resp: 15174

Ion	Ratio	Lower	Upper
43	100		
58	24.4	29.8	89.5#

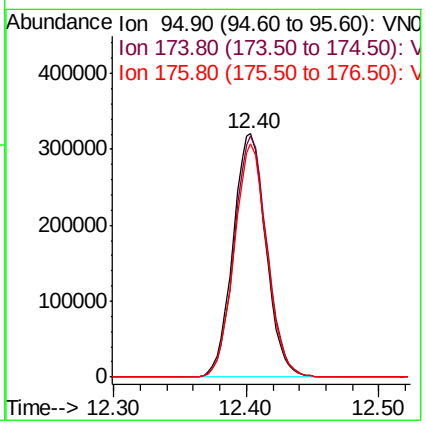


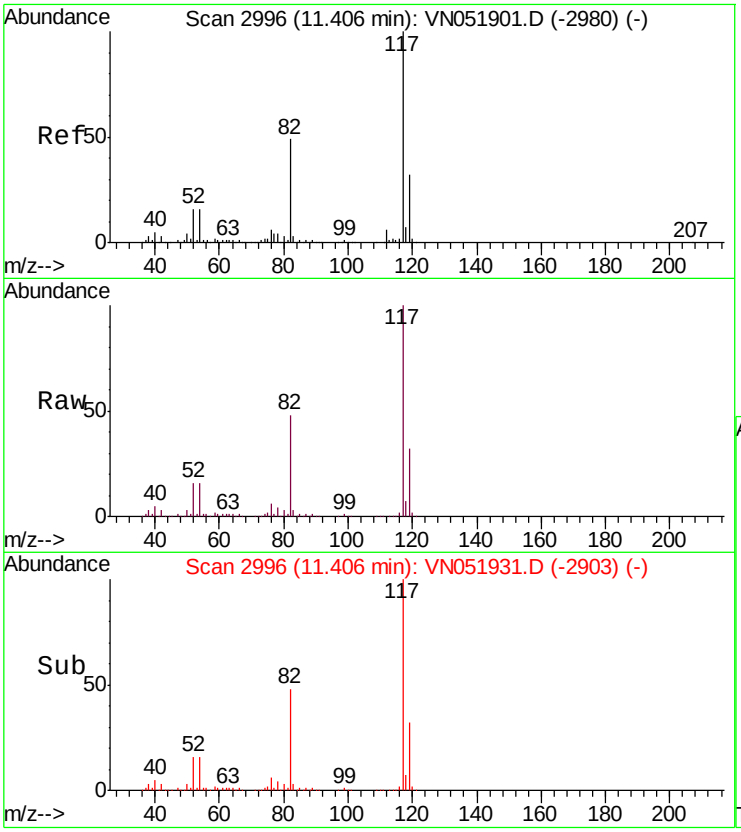


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 95 Resp: 551046

Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	195.0
176	94.9	0.0	191.4



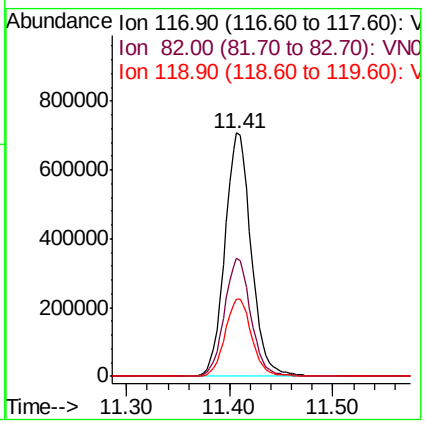


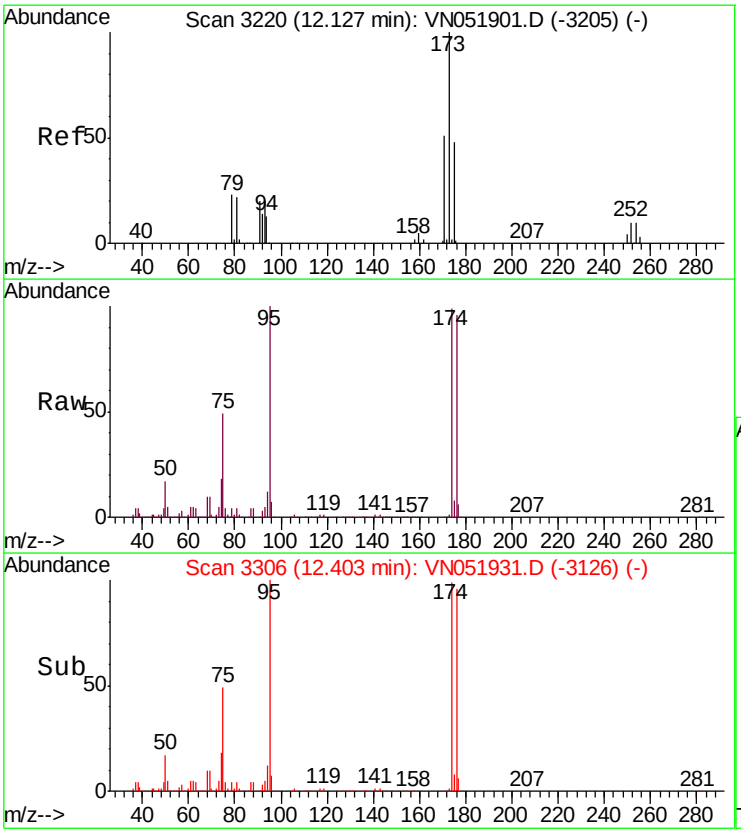
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion:117 Resp: 1257929

Ion	Ratio	Lower	Upper
117	100		
82	48.3	38.9	58.3
119	31.6	25.9	38.9

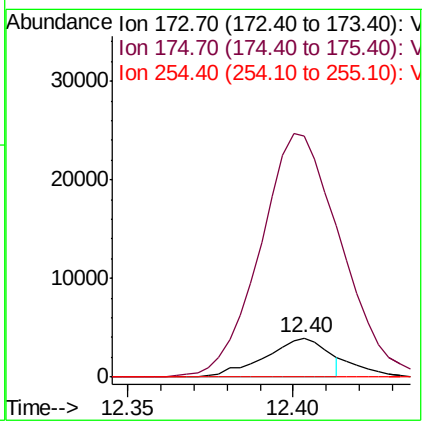


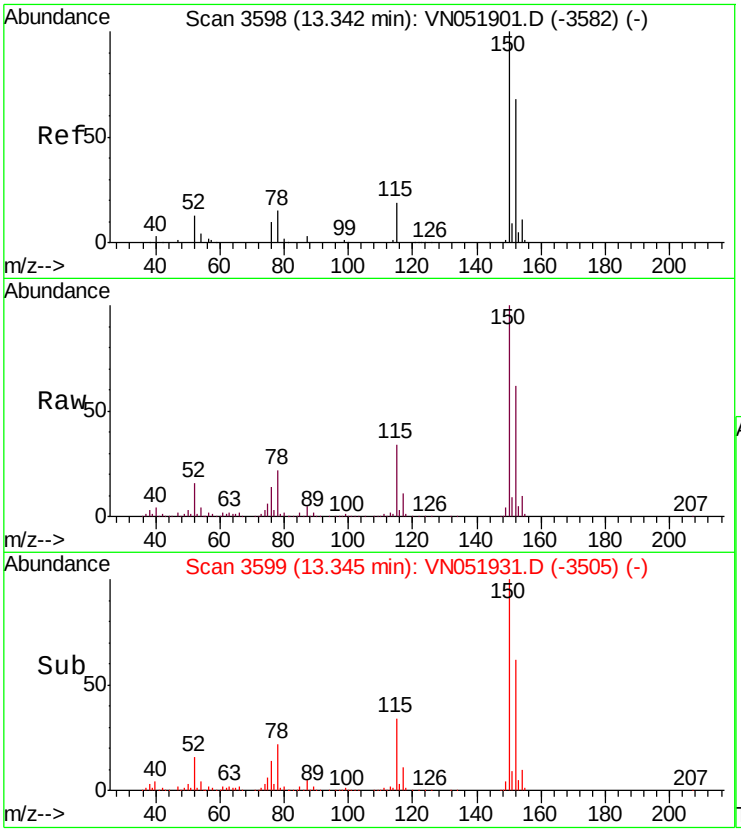


#71
Bromoform
Concen: 3.922 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion:173 Resp: 5180

Ion	Ratio	Lower	Upper
173	100		
175	682.4	24.0	72.0#
254	0.0	0.2	0.2#



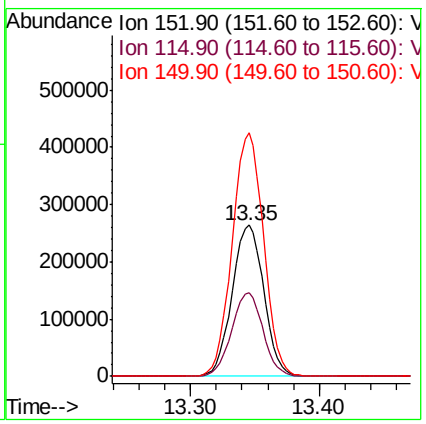


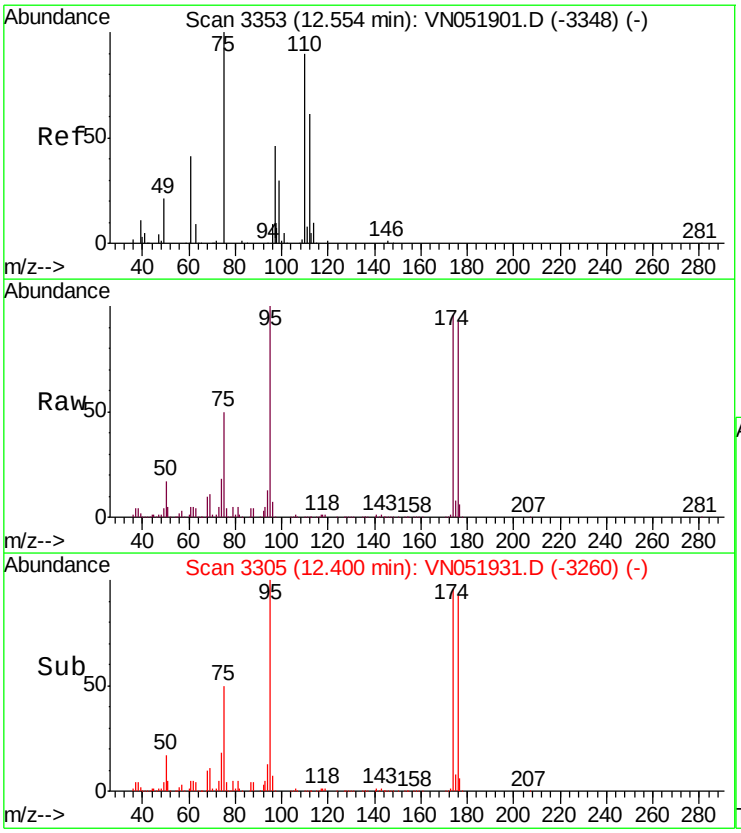
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#01

Tgt Ion:152 Resp: 451310

Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.7	80.1
150	159.2	0.0	346.4

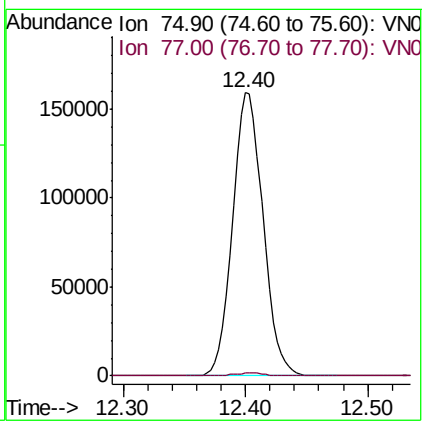


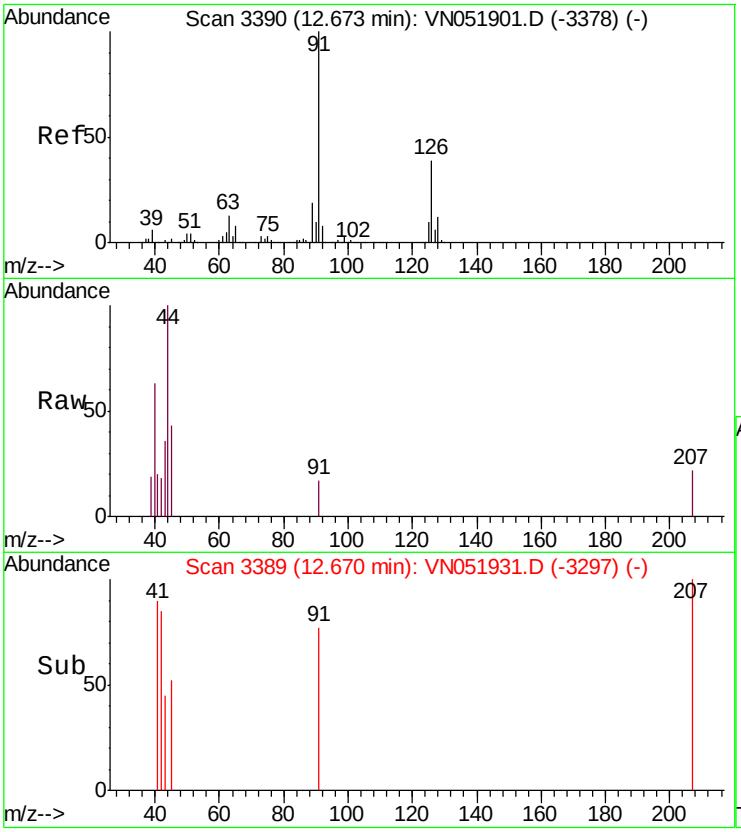


#76
1,2,3-Trichloropropane
Concen: 50.032 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 75 Resp: 274445

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



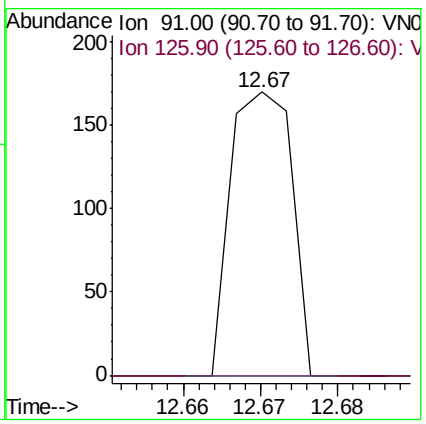


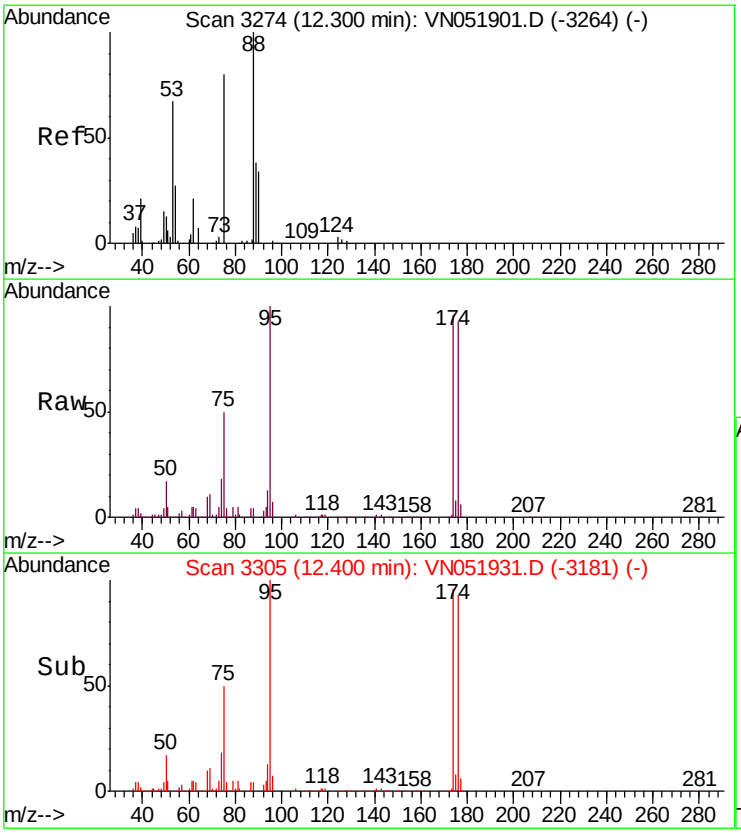
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.67 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#01

Tgt Ion: 91 Resp: 94

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.6	58.7#

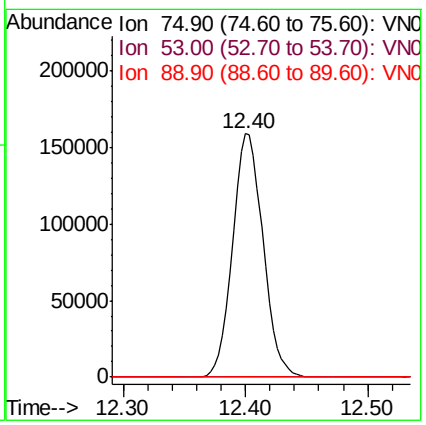


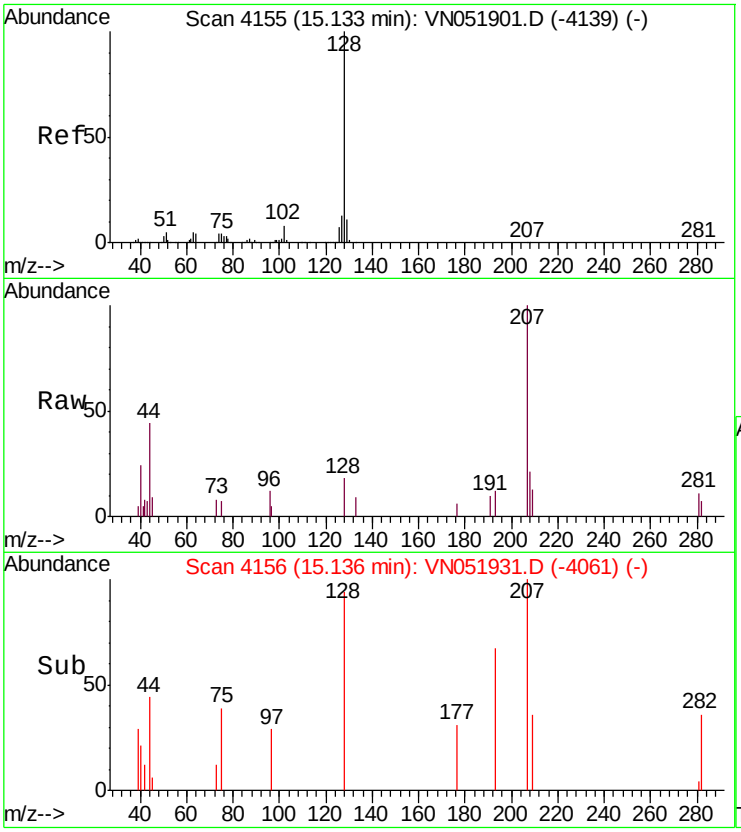


#81
trans-1,4-Dichloro-2-butene
Concen: 164.415 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Tgt Ion: 75 Resp: 274445

Ion	Ratio	Lower	Upper
75	100		
53	0.1	68.5	102.7#
89	0.0	39.0	58.6#





#95
Naphthalene
Concen: 4.091 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051931.D
Acq: 18 Oct 2018 21:48

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#01

Tgt Ion:128 Resp: 475

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.5	12.7#