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

Quantitation Report (Not Reviewed)

Data File : VN051930.D
Acq On : 18 Oct 2018 21:22
Operator : MD\SY
Sample : PB113908ZHE#11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#11

Quant Time: Oct 19 06:52:41 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	939315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1377110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1200246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	515381	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.36%			
35) Dibromofluoromethane	7.59	113	513186	58.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.26%			
50) Toluene-d8	10.09	98	1872566	58.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.54%			
62) 4-Bromofluorobenzene	12.40	95	516927	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.22%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	2093	Below Cal	#	71
13) Acrolein	3.58	56	30	Below Cal	#	14
16) Acetone	3.83	43	8736	5.666	ug/l #	88
18) Methyl Acetate	4.33	43	9943	Below Cal		95
20) Methylene Chloride	4.55	84	14220	1.814	ug/l	92
25) 2-Butanone	6.85	43	1405	0.638	ug/l	90
29) Tetrahydrofuran	7.20	42	492	0.366	ug/l #	31
31) Cyclohexane	7.67	56	15622	Below Cal	#	41
36) 1,1-Dichloropropene	7.67	75	57277	5.359	ug/l #	47
37) Ethyl Acetate	6.95	43	407	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	84782	6.736	ug/l #	16
43) Isopropyl Acetate	8.17	43	289785	29.295	ug/l #	84
48) Methyl methacrylate	9.19	41	6741	1.562	ug/l #	9
49) 1,4-Dioxane	9.27	88	73	0.891	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	1226	0.246	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	2874	0.247	ug/l #	65
58) 2-Chloroethyl Vinyl ether	9.45	63	30	2.758	ug/l #	40
59) 2-Hexanone	10.77	43	16250	4.871	ug/l #	49
71) Bromoform	12.40	173	4381	3.844	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	259695	53.536	ug/l #	100
79) 2-Chlorotoluene	12.74	91	627	Below Cal	#	36
80) 1,3,5-Trimethylbenzene	12.73	105	5126	0.205	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.40	75	259695	175.919	ug/l #	14
95) Naphthalene	15.14	128	385	4.088	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.33	180	30	2.918	ug/l #	12

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

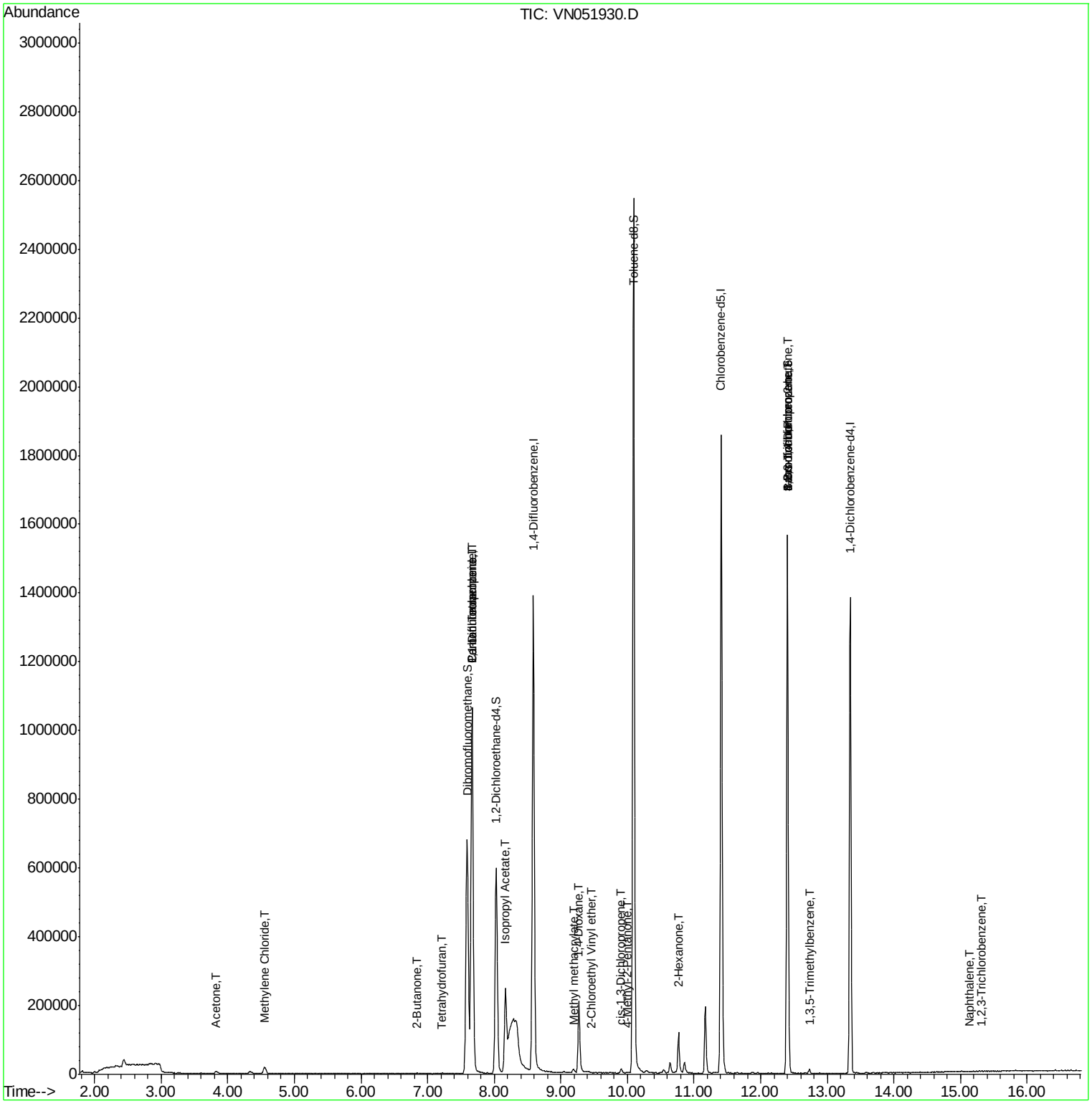
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\

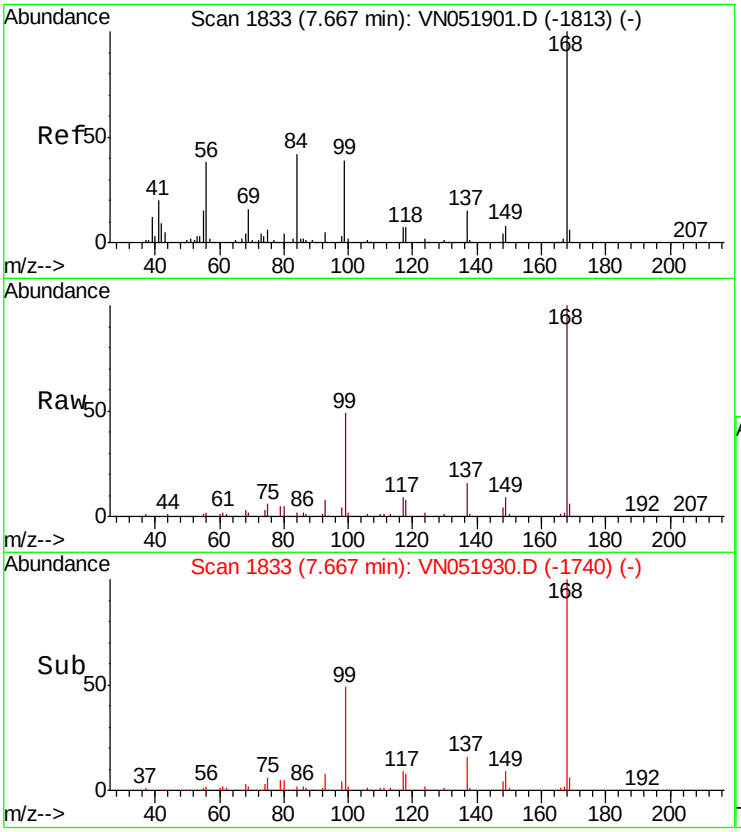
Quantitation Report (Not Reviewed)

Data File : VN051930.D
Acq On : 18 Oct 2018 21:22
Operator : MD\SY
Sample : PB113908ZHE#11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Quant Time: Oct 19 06:52:41 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



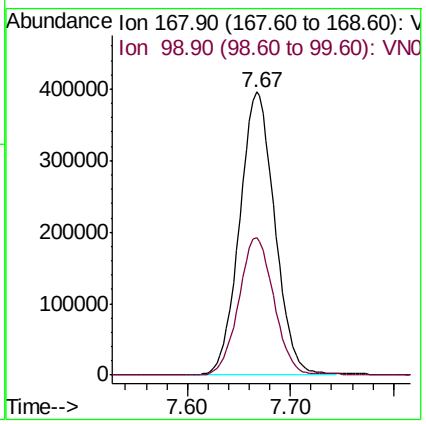


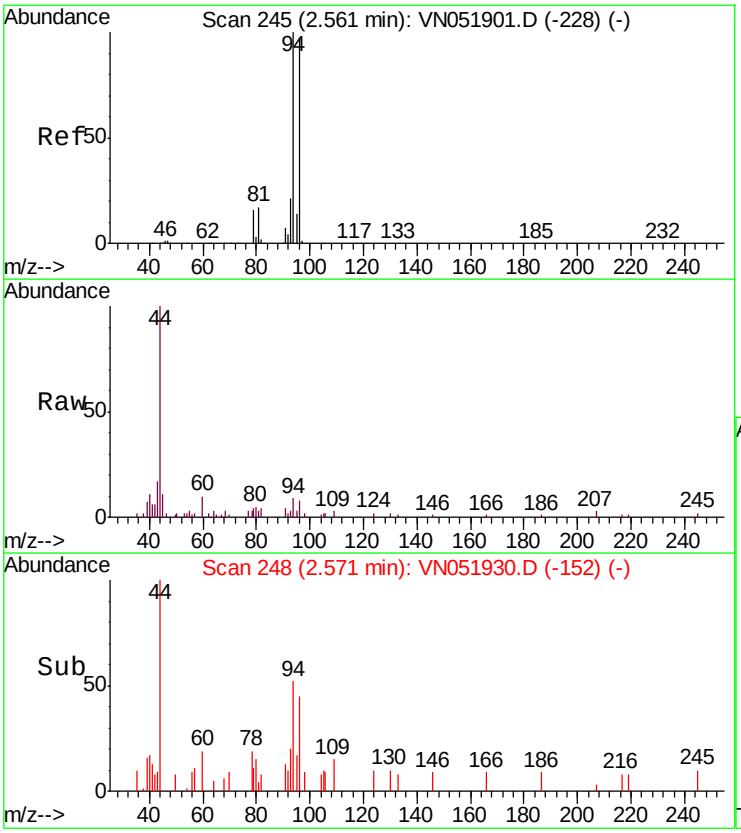
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion:168 Resp: 939315

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.2	58.8

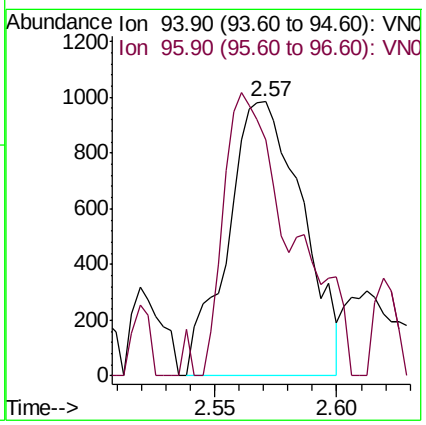


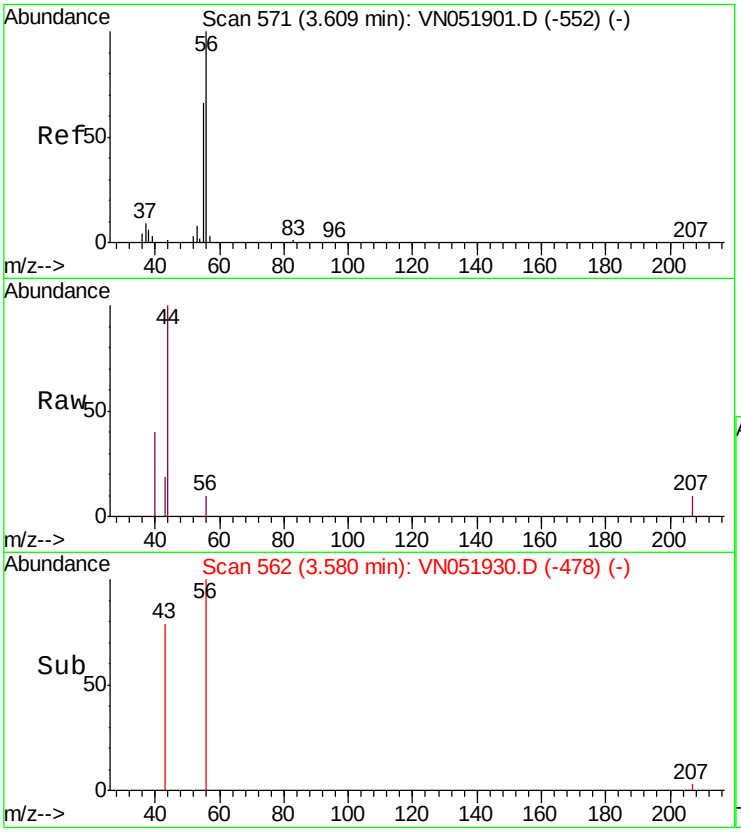


#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 94 Resp: 2093

Ion	Ratio	Lower	Upper
94	100		
96	68.8	77.5	116.3#



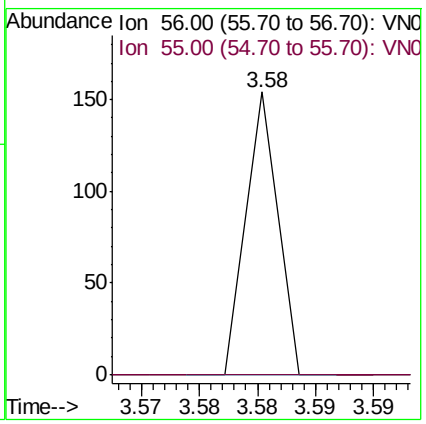


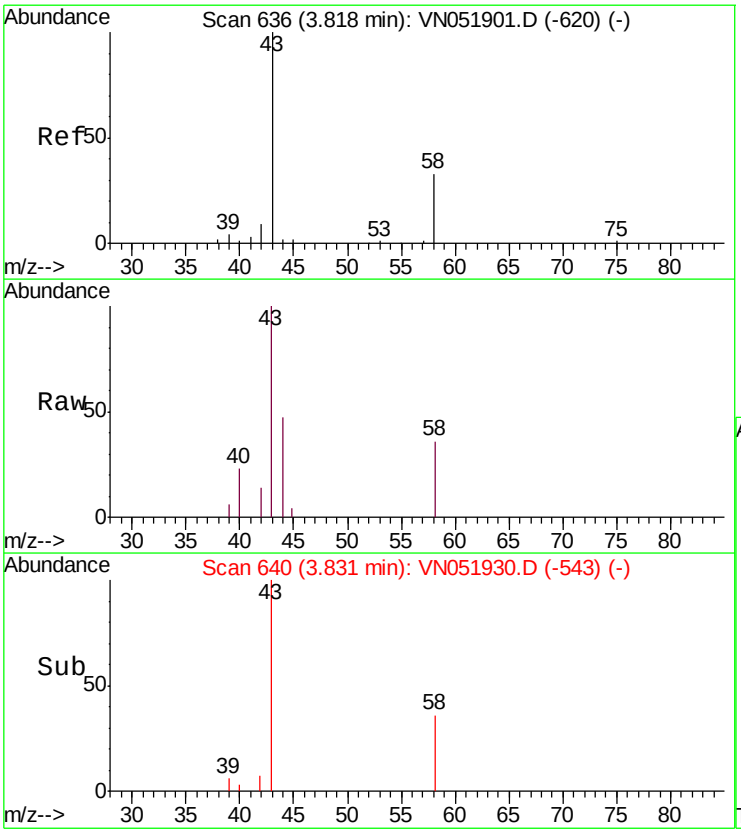
#13
Acrolein
Concen: Below Cal
RT: 3.58 min Scan# 562
Delta R.T. -0.03 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion: 56 Resp: 30

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

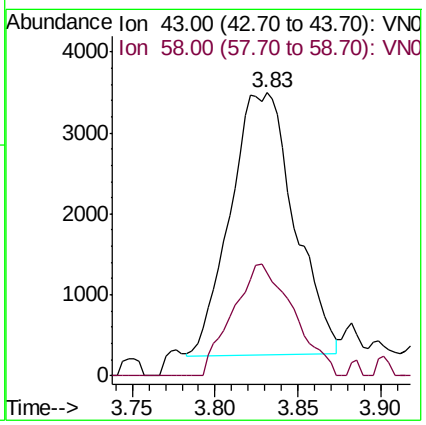


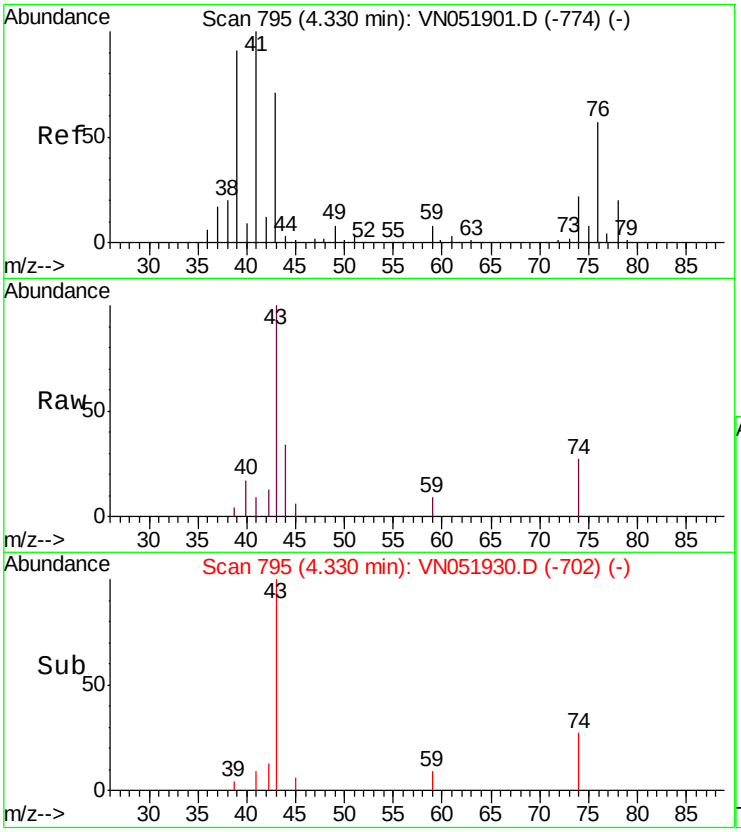


#16
Acetone
Concen: 5.666 ug/l
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 43 Resp: 8736

Ion	Ratio	Lower	Upper
43	100		
58	39.3	25.9	38.9#



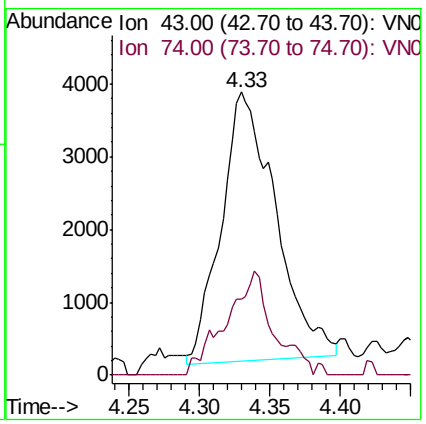


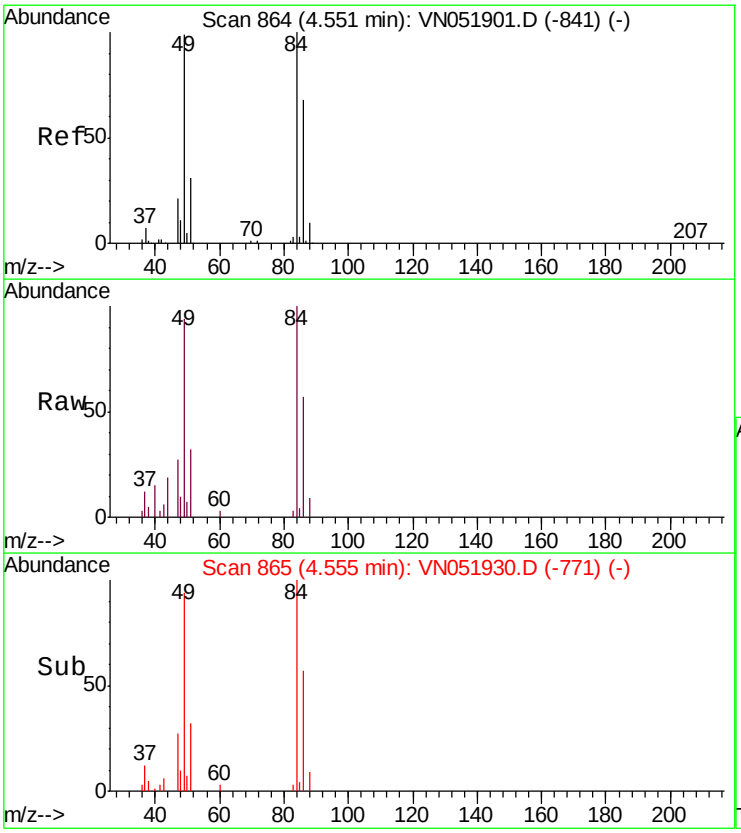
#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion: 43 Resp: 9943

Ion	Ratio	Lower	Upper
43	100		
74	33.7	24.9	37.3

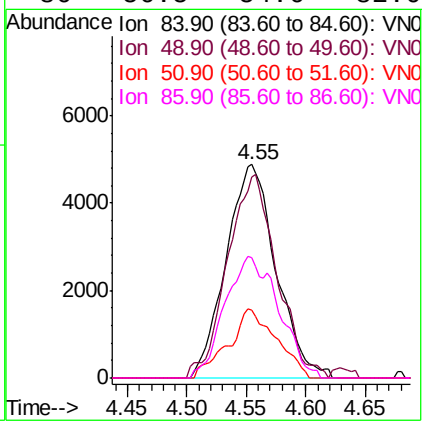


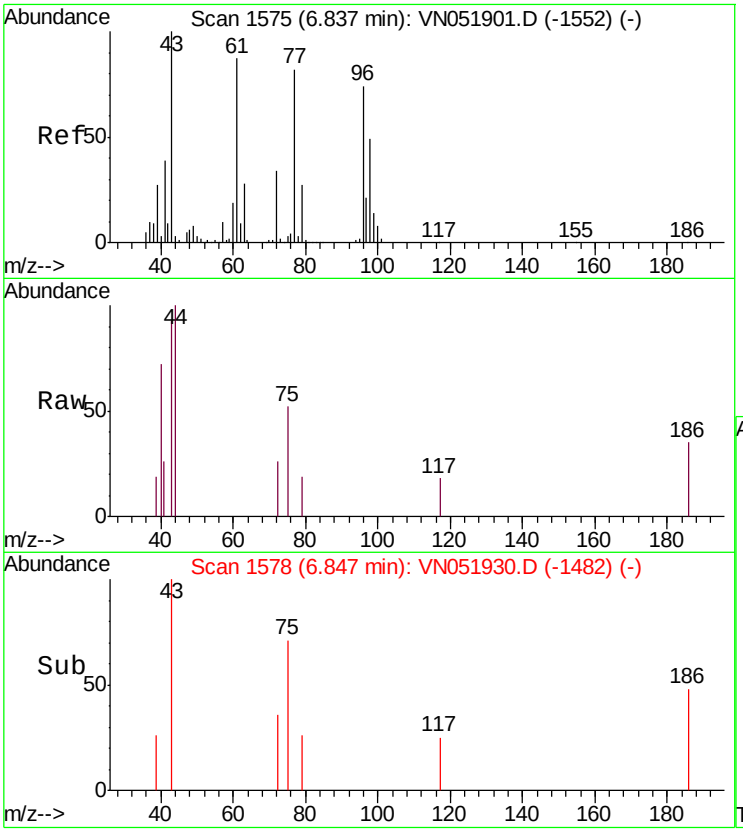


#20
Methylene Chloride
Concen: 1.814 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 84 Resp: 14220

Ion	Ratio	Lower	Upper
84	100		
49	94.0	79.0	118.4
51	32.0	24.9	37.3
86	56.5	54.6	82.0



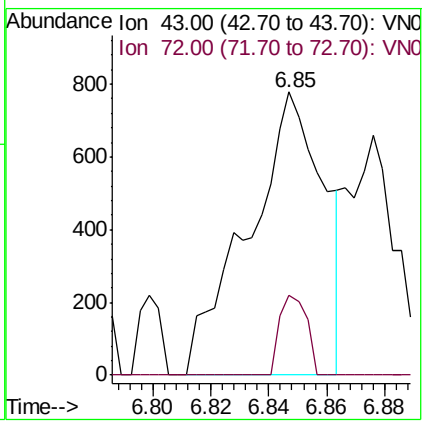


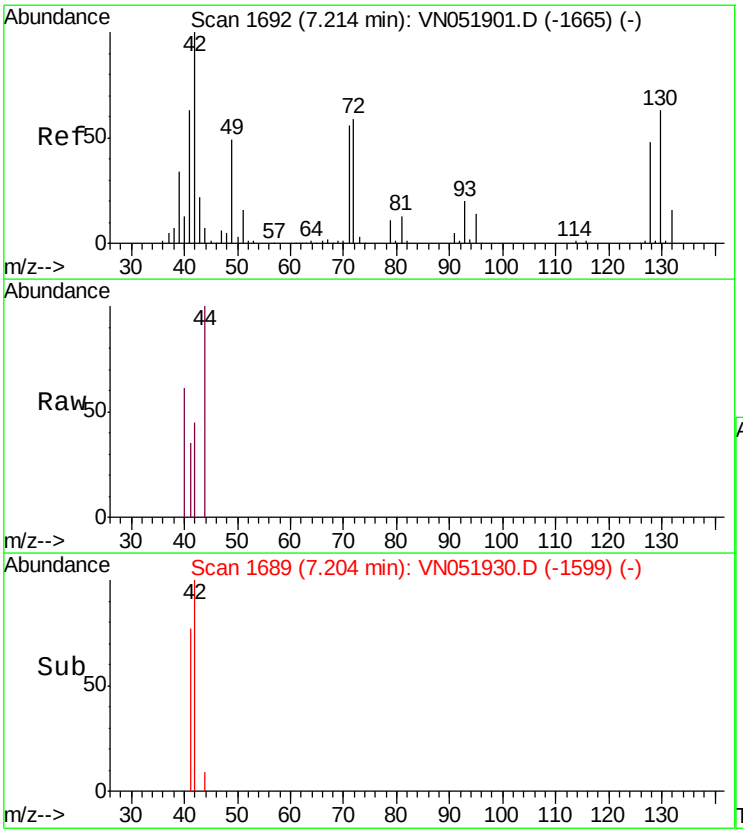
#25
2-Butanone
Concen: 0.638 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion: 43 Resp: 1405

Ion	Ratio	Lower	Upper
43	100		
72	28.1	27.0	40.6

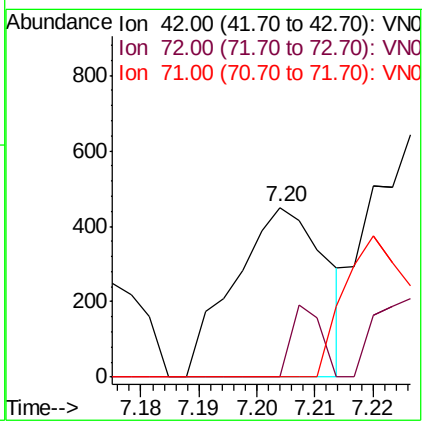


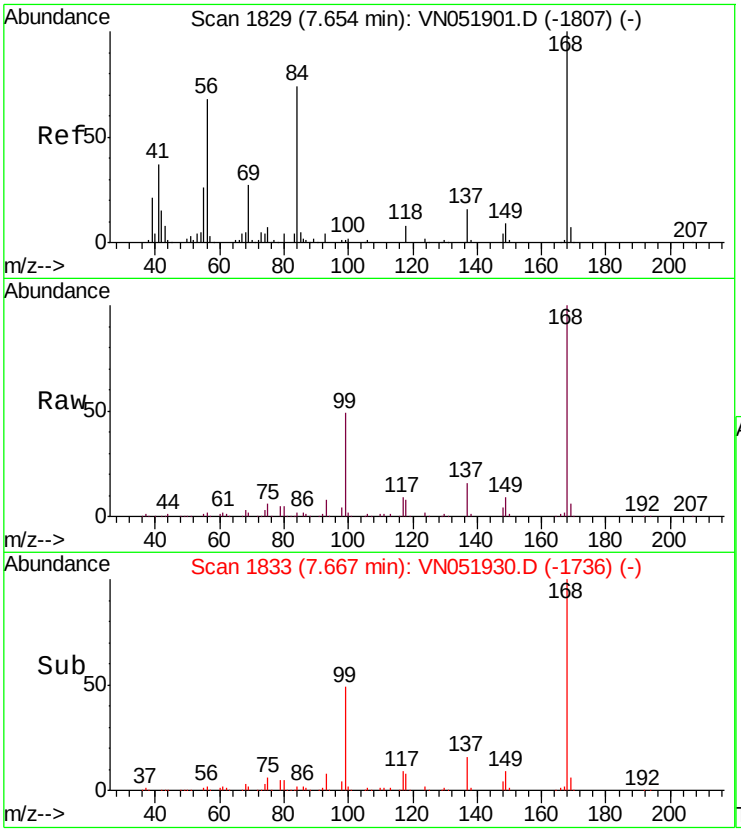


#29
Tetrahydrofuran
Concen: 0.366 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 42 Resp: 492

Ion	Ratio	Lower	Upper
42	100		
72	13.6	47.7	71.5#
71	0.0	45.4	68.0#



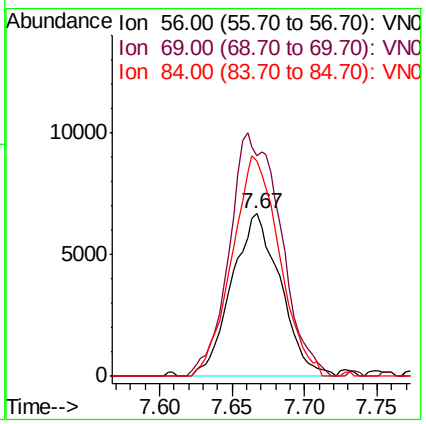


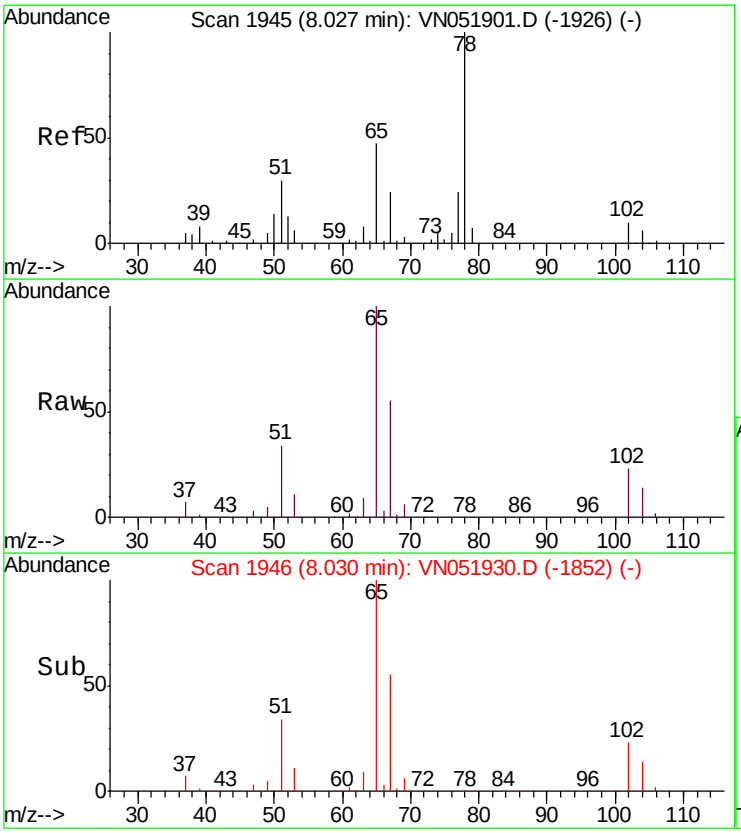
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#11

Tgt Ion: 56 Resp: 15622

Ion	Ratio	Lower	Upper
56	100		
69	135.5	31.2	46.8#
84	132.1	86.6	130.0#

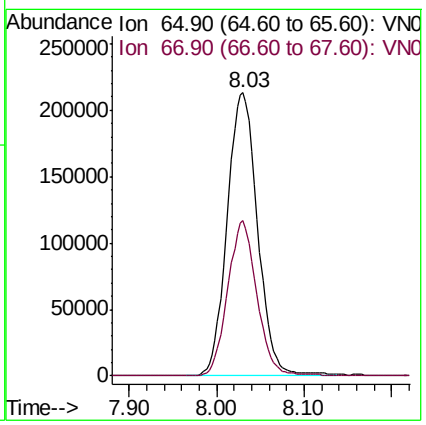


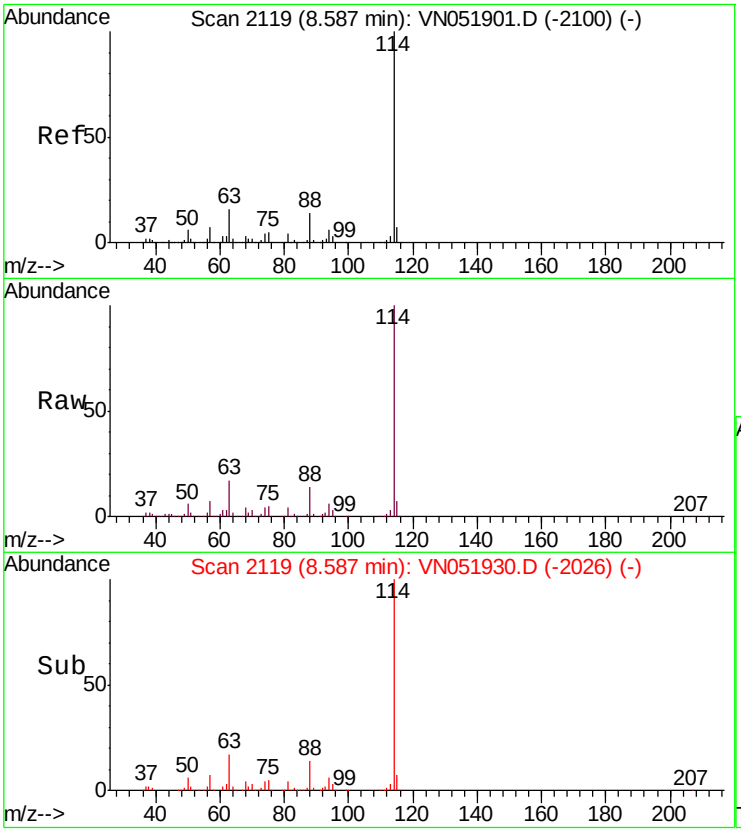


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 65 Resp: 515381

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.0



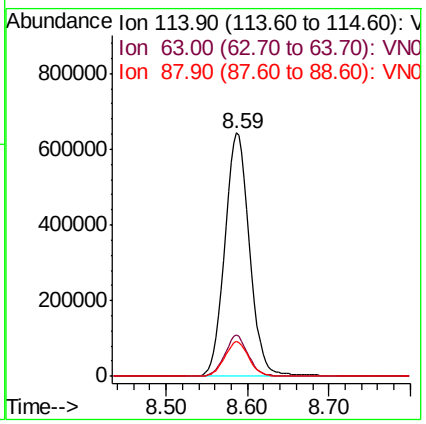


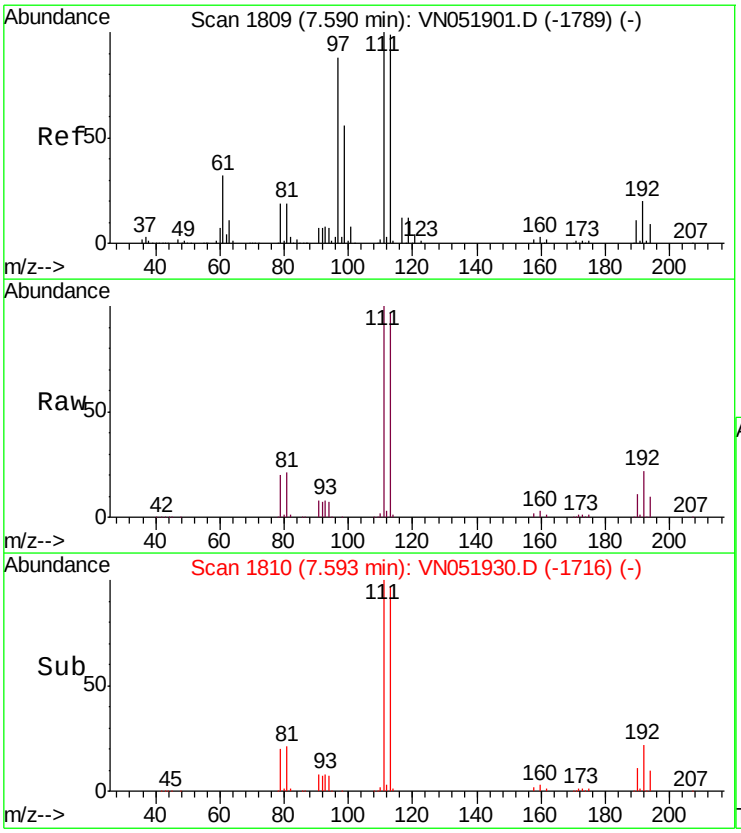
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion:114 Resp: 1377110

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	31.8
88	14.3	0.0	28.0

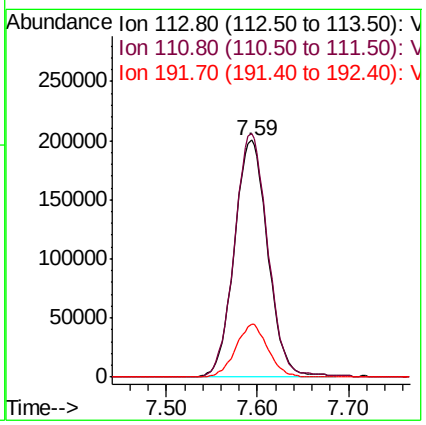


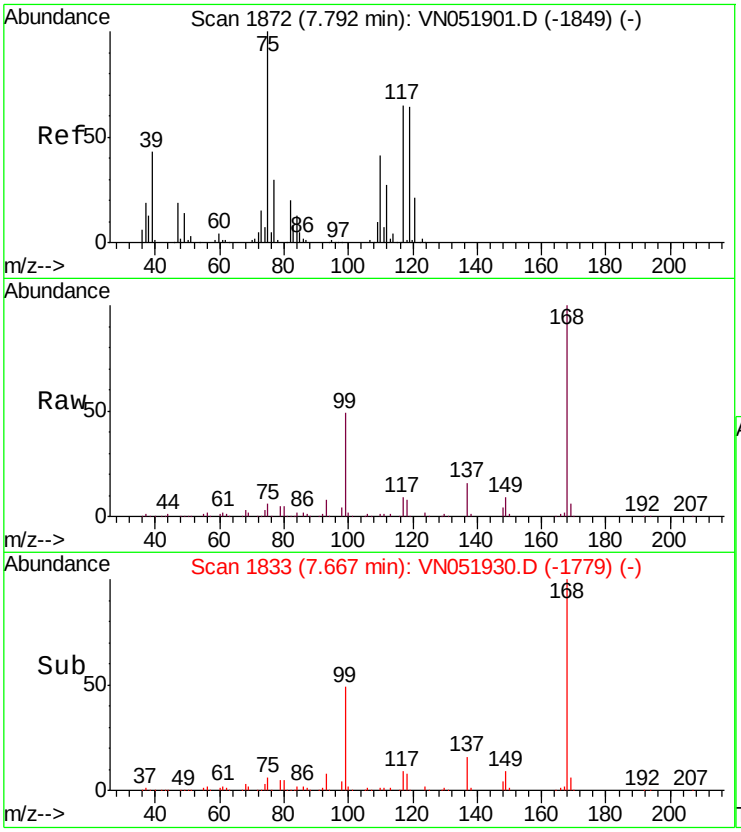


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion:113 Resp: 513186

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	21.4	17.3	25.9



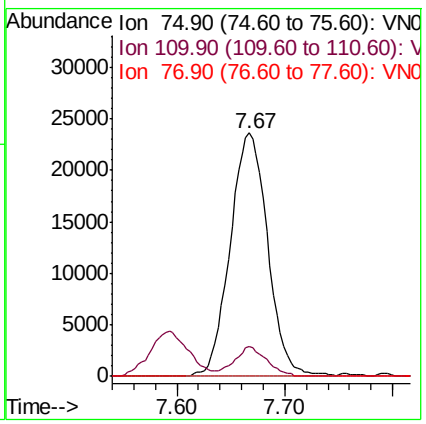


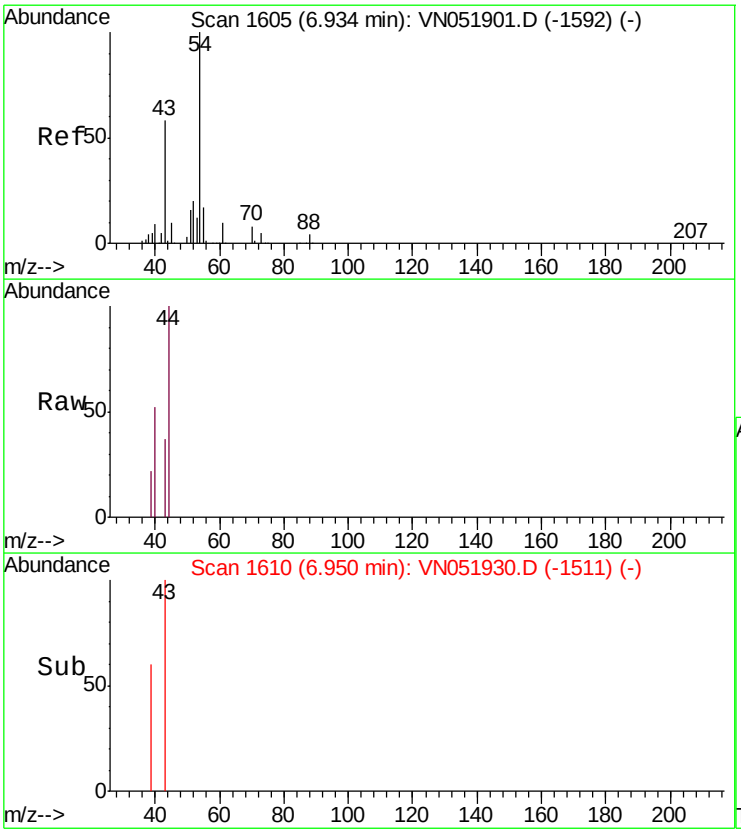
#36
1,1-Dichloropropene
Concen: 5.359 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion: 75 Resp: 57277

Ion	Ratio	Lower	Upper
75	100		
110	10.5	21.0	63.0#
77	0.0	24.9	37.3#

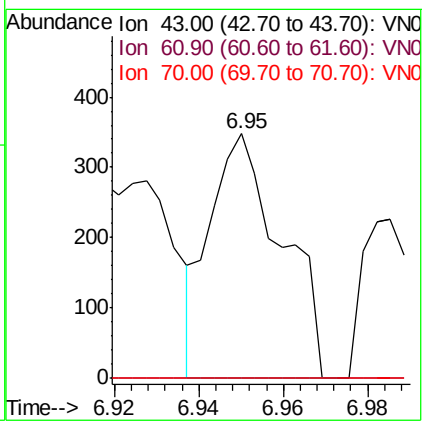


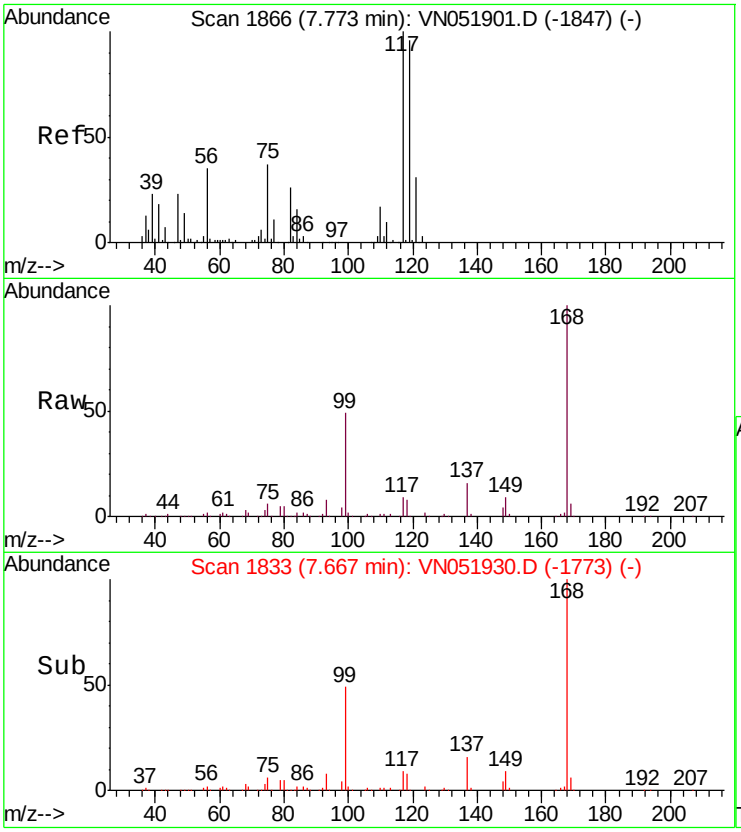


#37
Ethyl Acetate
Concen: Below Cal
RT: 6.95 min Scan# 1610
Delta R.T. 0.02 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 43 Resp: 407

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



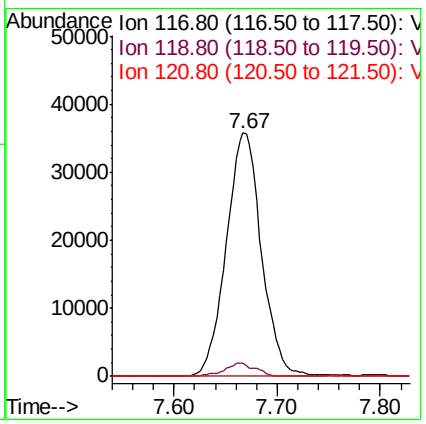


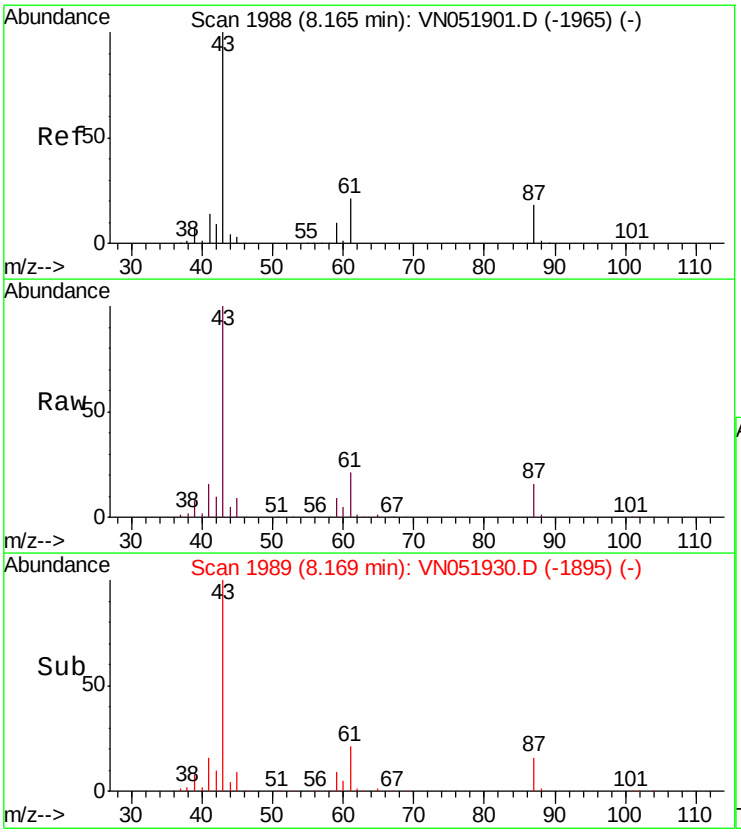
#38
Carbon Tetrachloride
Concen: 6.736 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#11

Tgt Ion:117 Resp: 84782

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.0	115.6#
121	0.0	25.1	37.7#

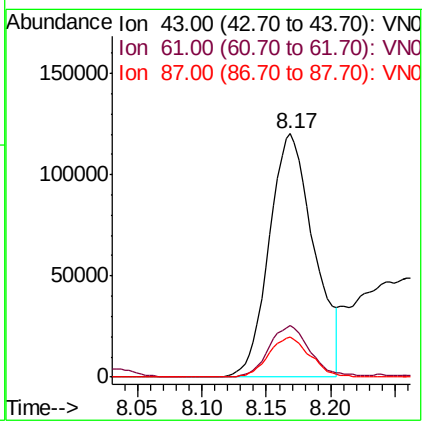


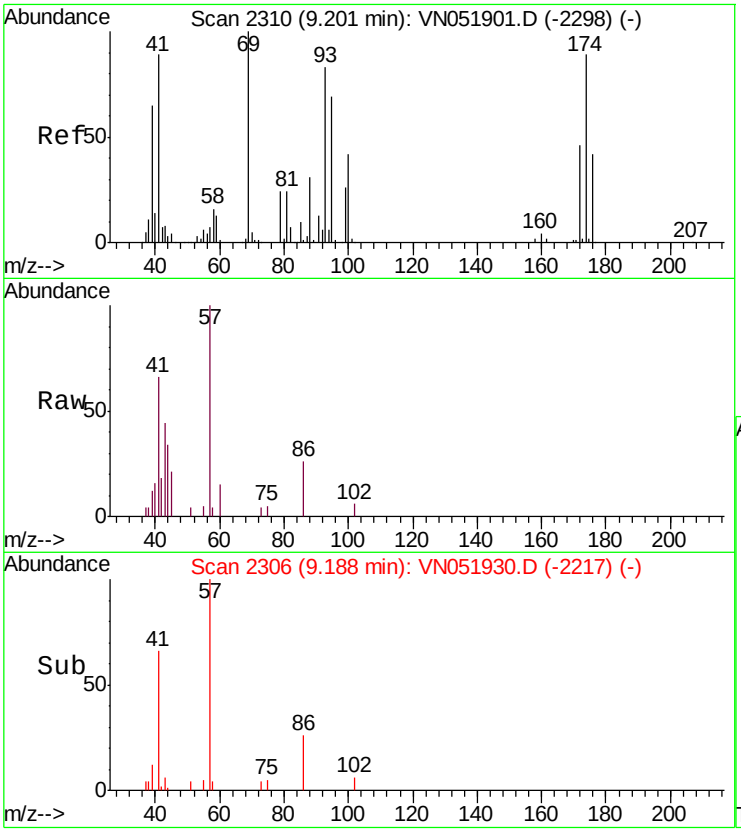


#43
Isopropyl Acetate
Concen: 29.295 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 43 Resp: 289785

Ion	Ratio	Lower	Upper
43	100		
61	19.5	24.9	37.3#
87	15.3	14.6	22.0



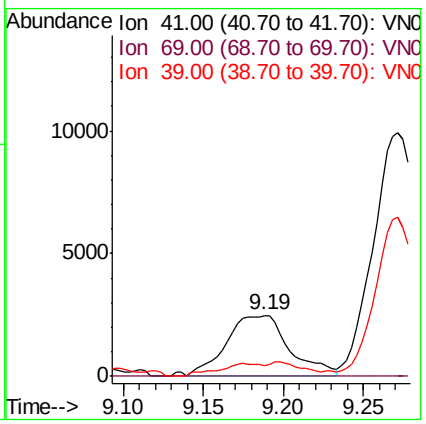


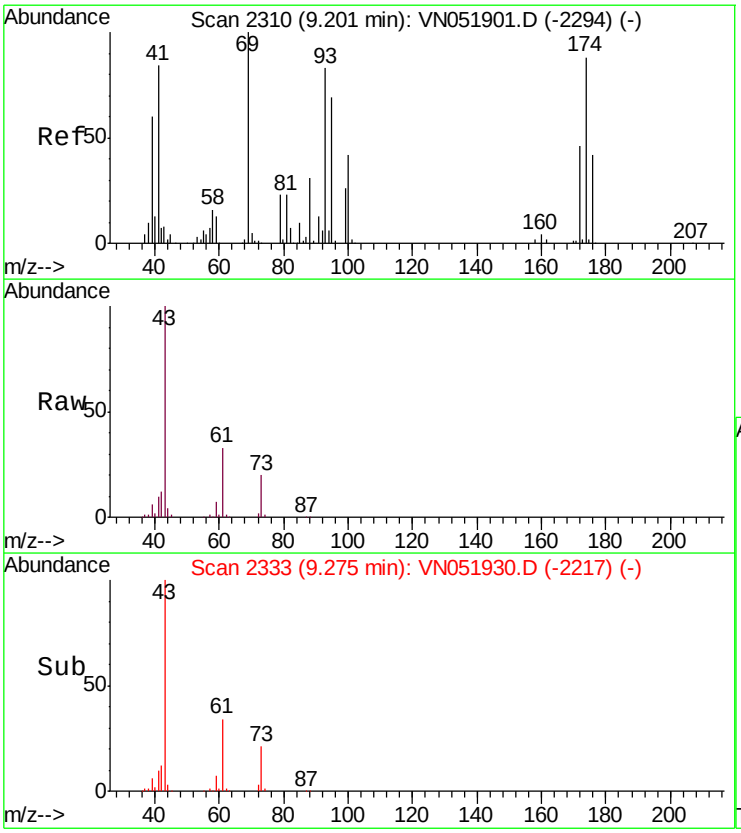
#48
Methyl methacrylate
Concen: 1.562 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#11

Tgt Ion: 41 Resp: 6741

Ion	Ratio	Lower	Upper
41	100		
69	0.0	90.2	135.2#
39	15.0	59.7	89.5#

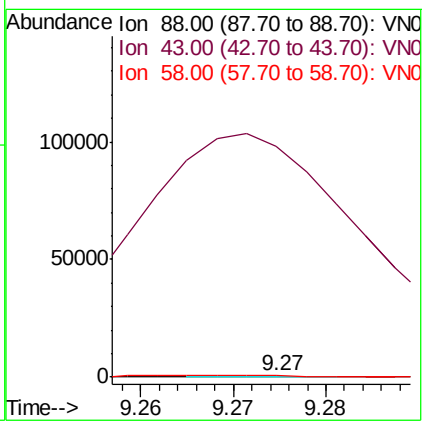


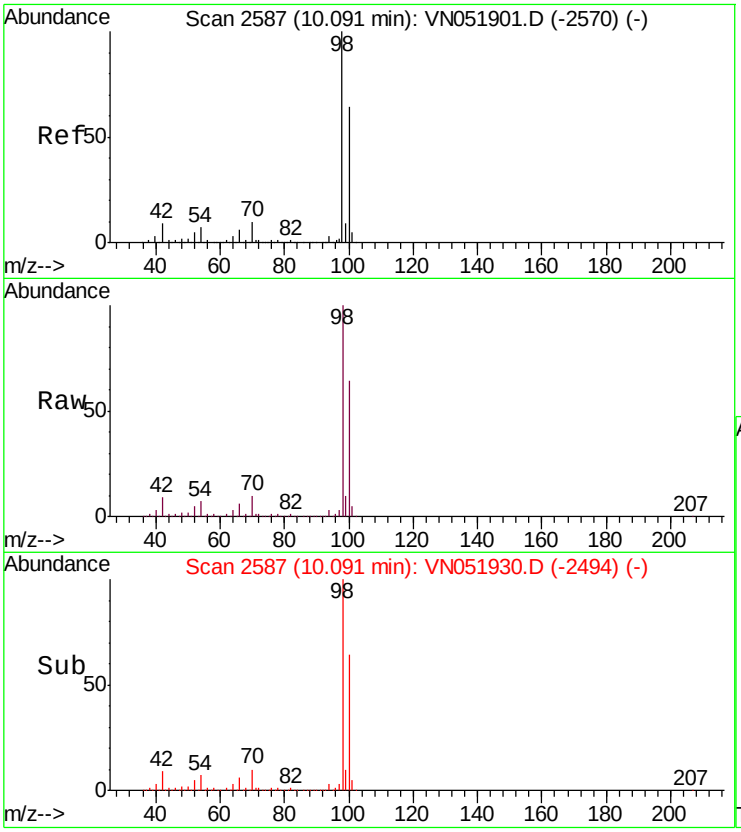


#49
1,4-Dioxane
Concen: 0.891 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
43	273020.5	19.7	29.5#
58	1587.7	42.6	64.0#



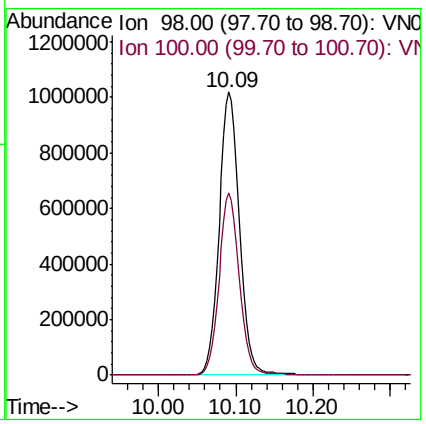


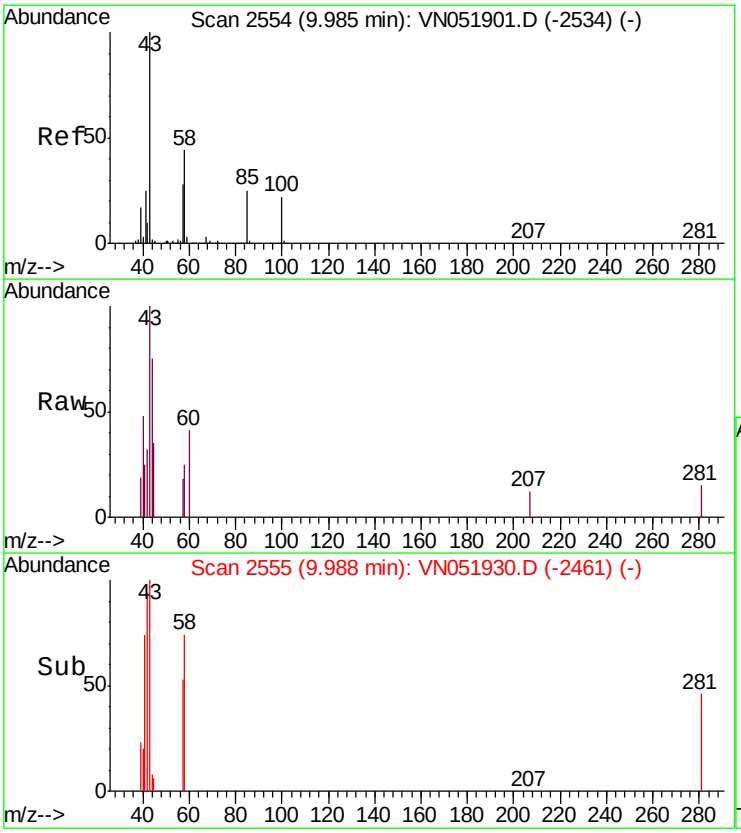
#50
Toluene-d8
Concen: 0.891 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#11

Tgt Ion: 98 Resp: 1872566

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.4

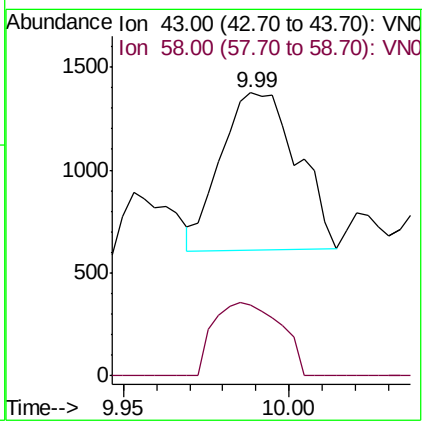


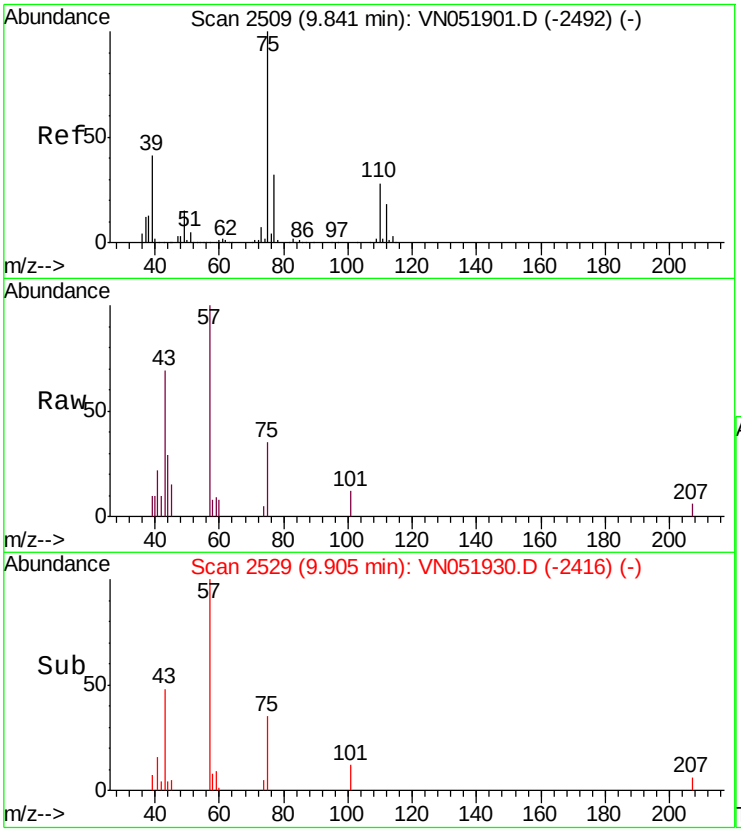


#51
4-Methyl-2-Pentanone
Concen: 0.246 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 43 Resp: 1226

Ion	Ratio	Lower	Upper
43	100		
58	40.6	34.6	52.0



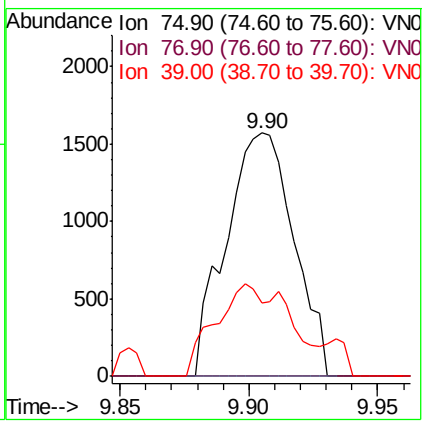


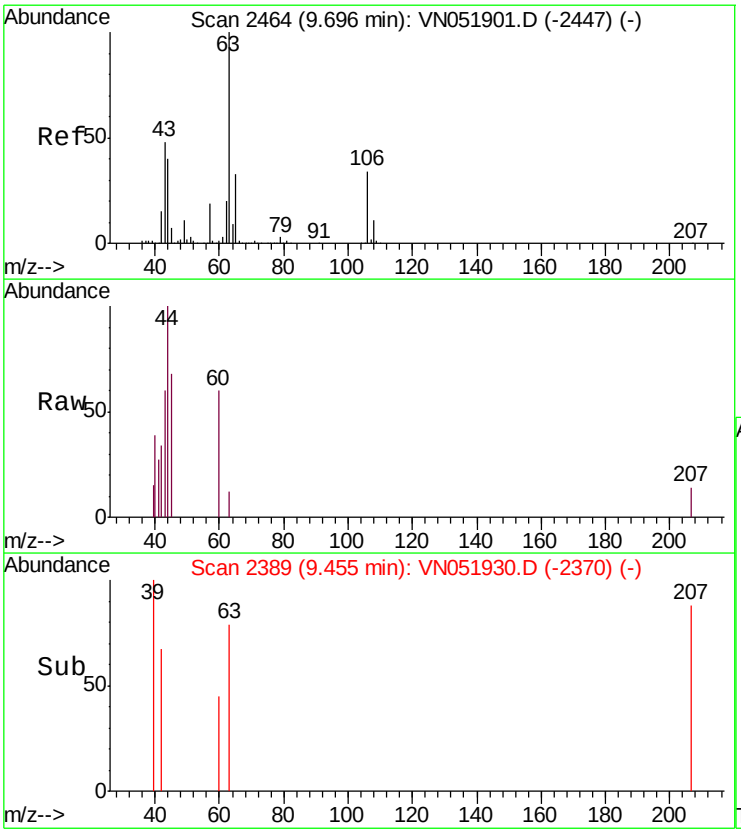
#54
cis-1,3-Dichloropropene
Concen: 0.247 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion: 75 Resp: 2874

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	29.9	32.8	49.2#

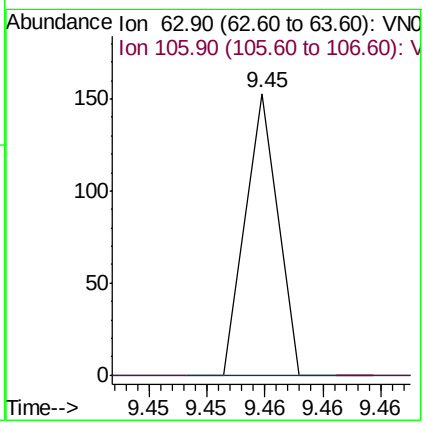


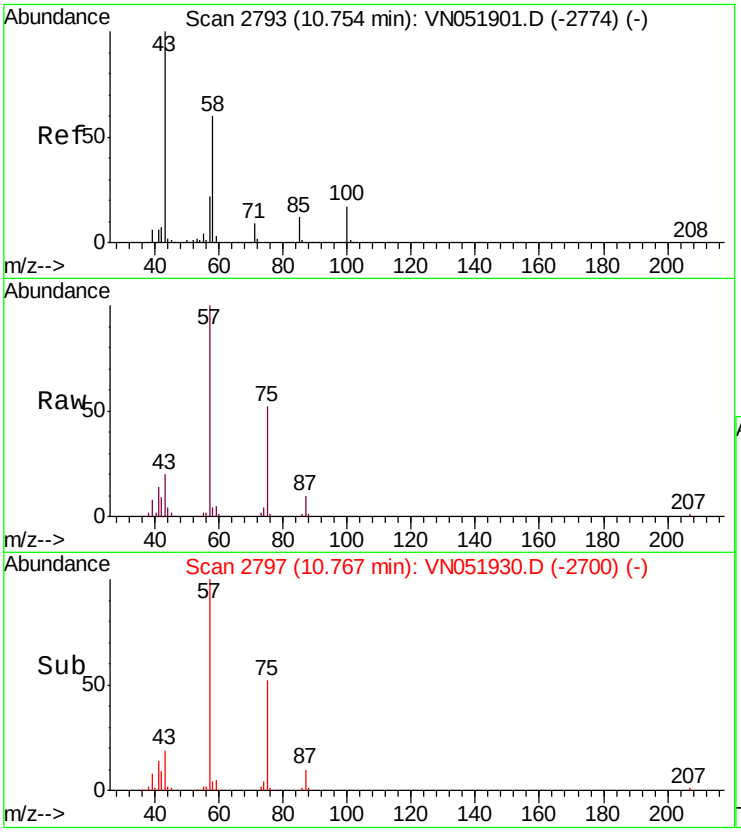


#58
2-Chloroethyl Vinyl ether
Concen: 2.758 ug/l
RT: 9.45 min Scan# 2389
Delta R.T. -0.24 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 63 Resp: 30

Ion	Ratio	Lower	Upper
63	100		
106	0.0	27.5	41.3#



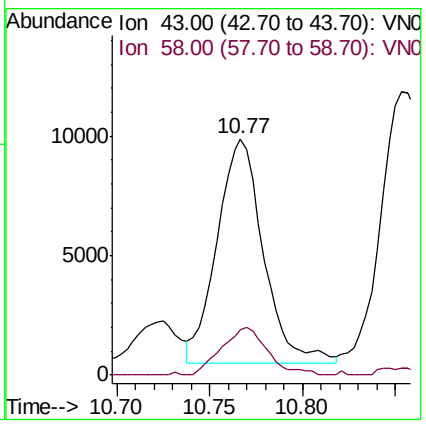


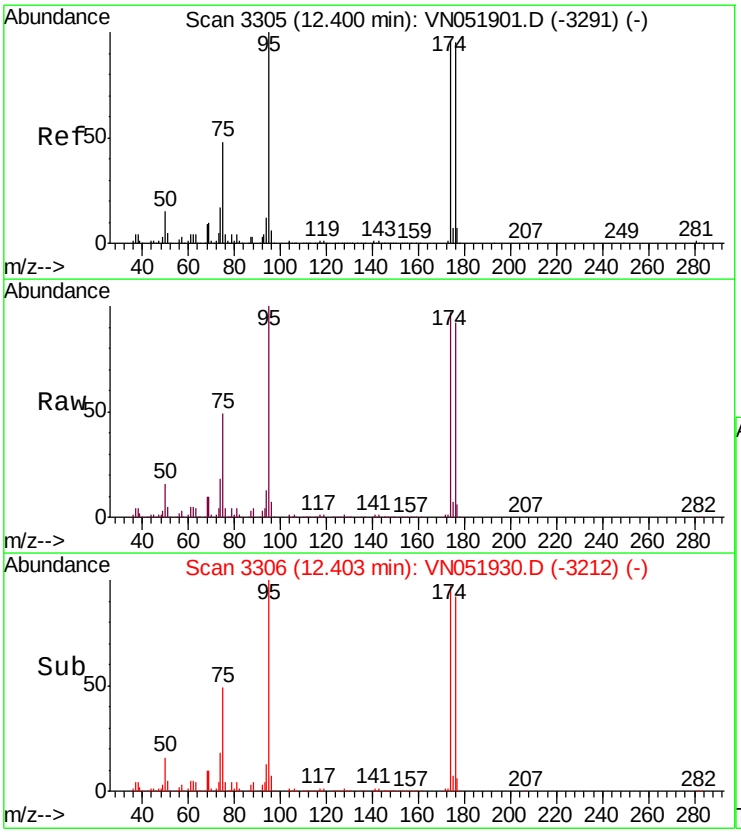
#59
2-Hexanone
Concen: 4.871 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion: 43 Resp: 16250

Ion	Ratio	Lower	Upper
43	100		
58	21.2	29.8	89.5#

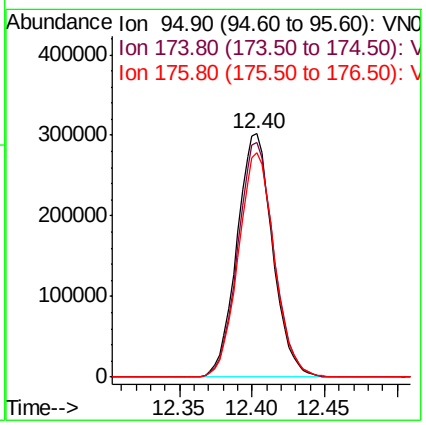


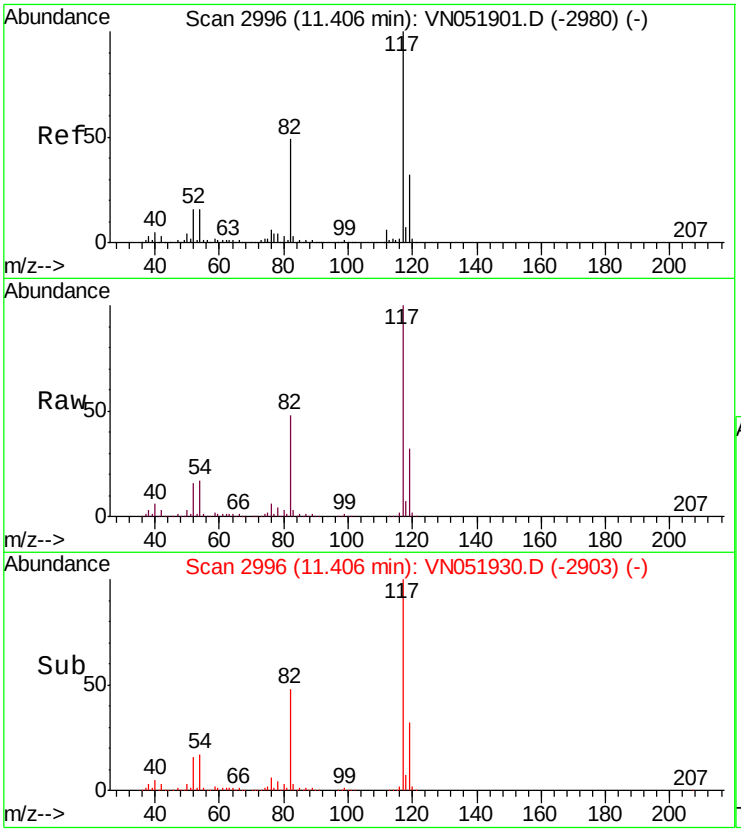


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 95 Resp: 516927

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	195.0
176	93.2	0.0	191.4



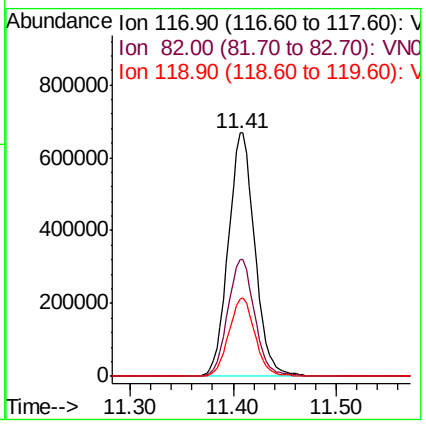


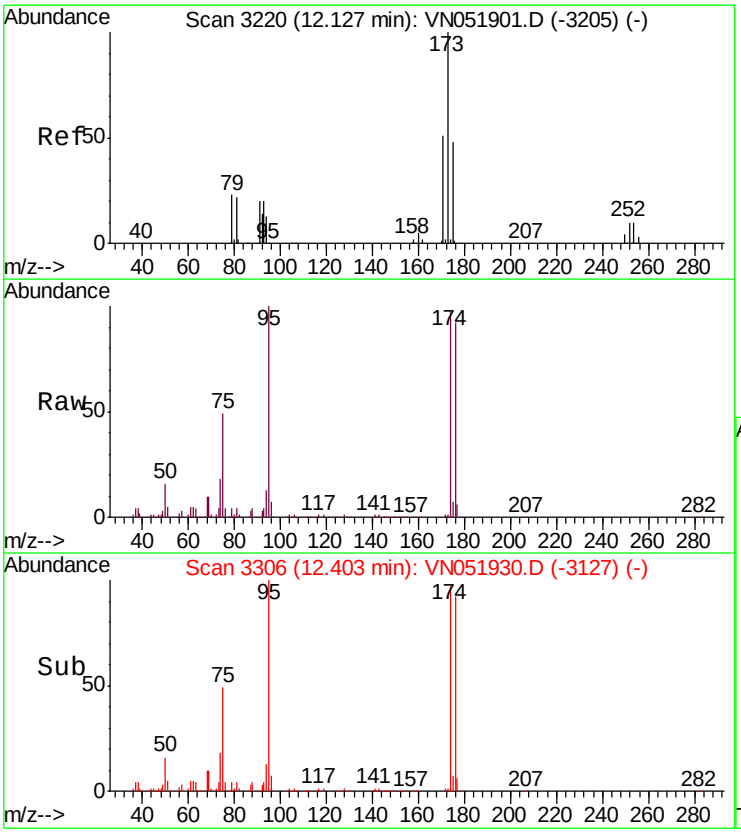
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion:117 Resp: 1200246

Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.9	58.3
119	31.9	25.9	38.9

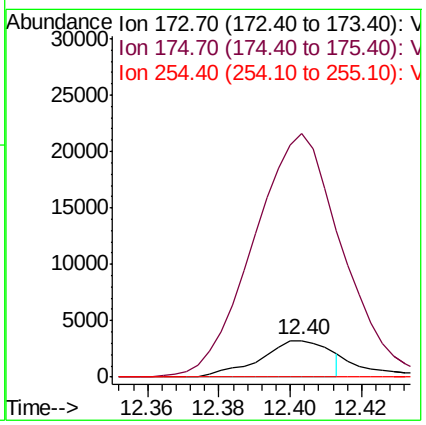


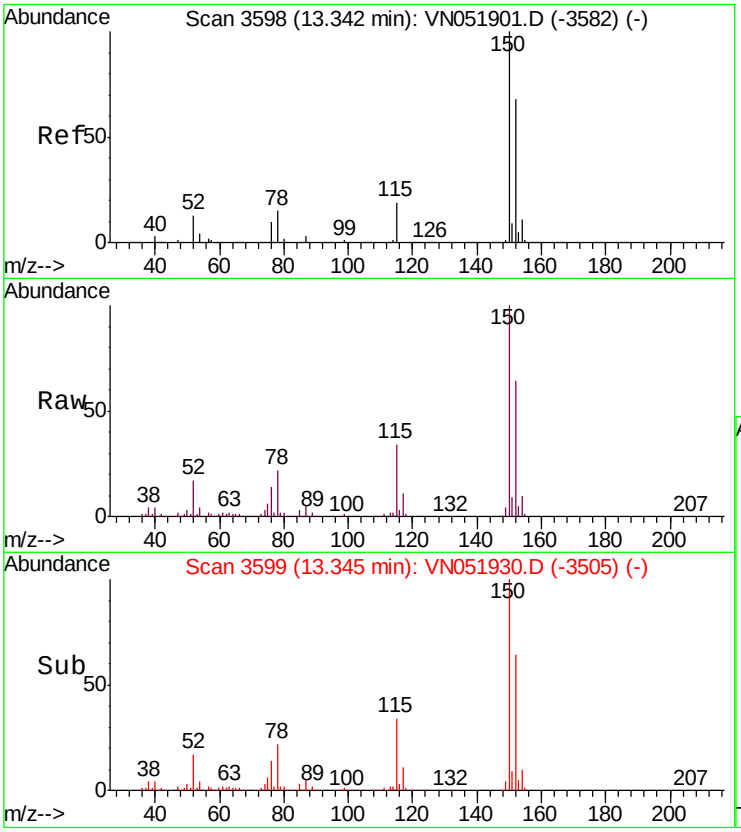


#71
Bromoform
Concen: 3.844 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion:173 Resp: 4381

Ion	Ratio	Lower	Upper
173	100		
175	719.4	24.0	72.0#
254	0.0	0.2	0.2#



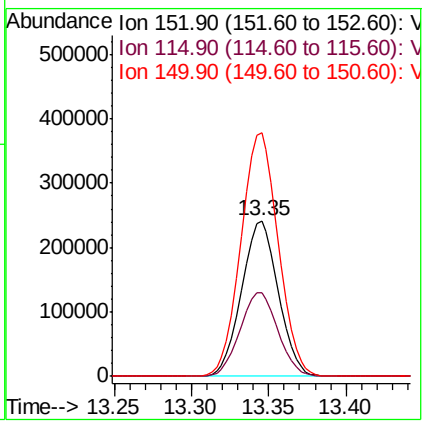


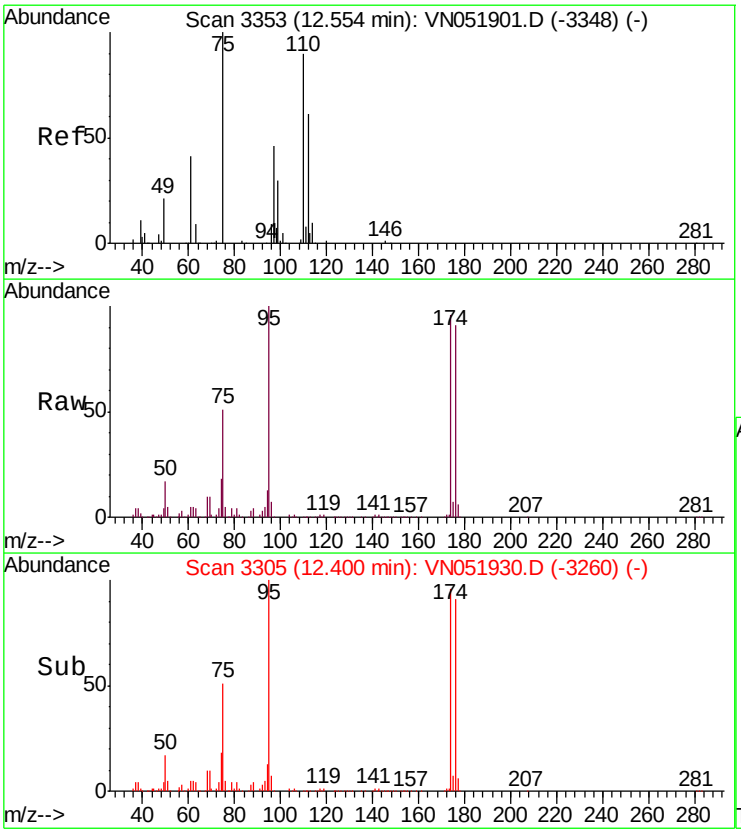
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion:152 Resp: 399099

Ion	Ratio	Lower	Upper
152	100		
115	55.6	26.7	80.1
150	159.1	0.0	346.4

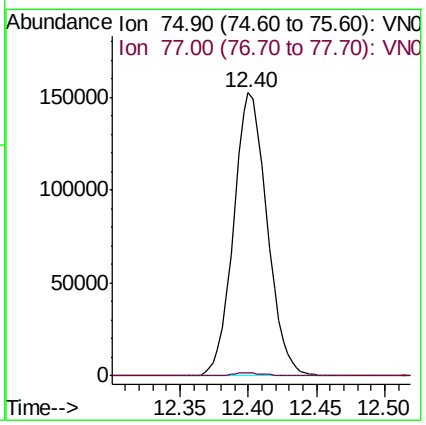


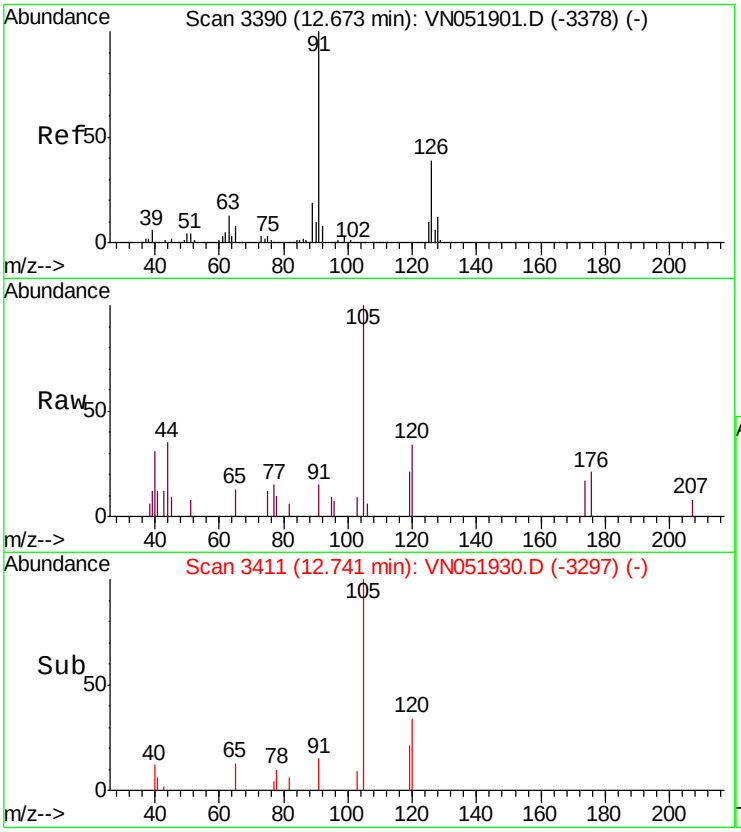


#76
1,2,3-Trichloropropane
Concen: 53.536 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion: 75 Resp: 259695

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



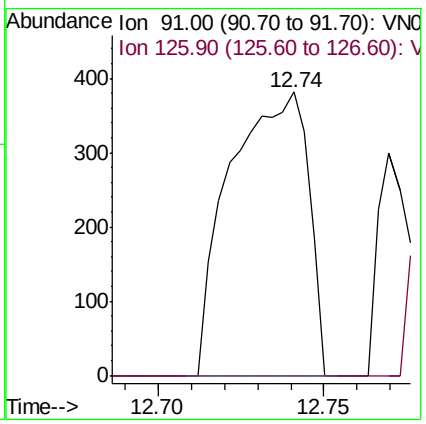


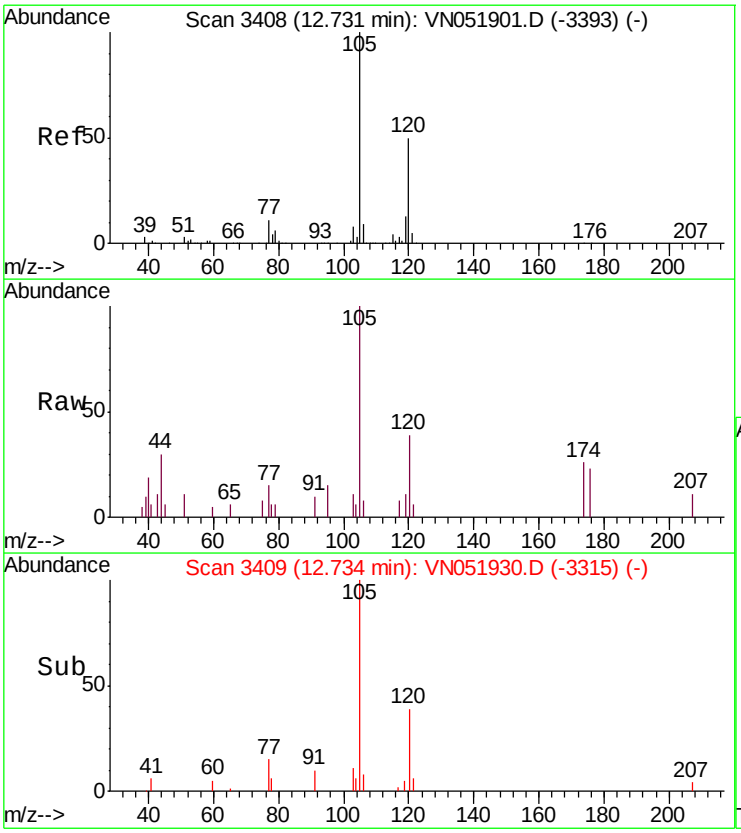
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.74 min Scan# 3411
Delta R.T. 0.07 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#11

Tgt Ion: 91 Resp: 627

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.6	58.7#

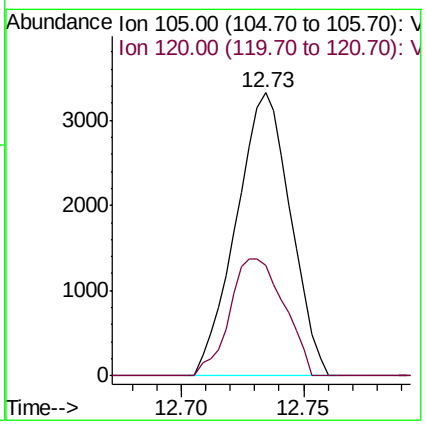


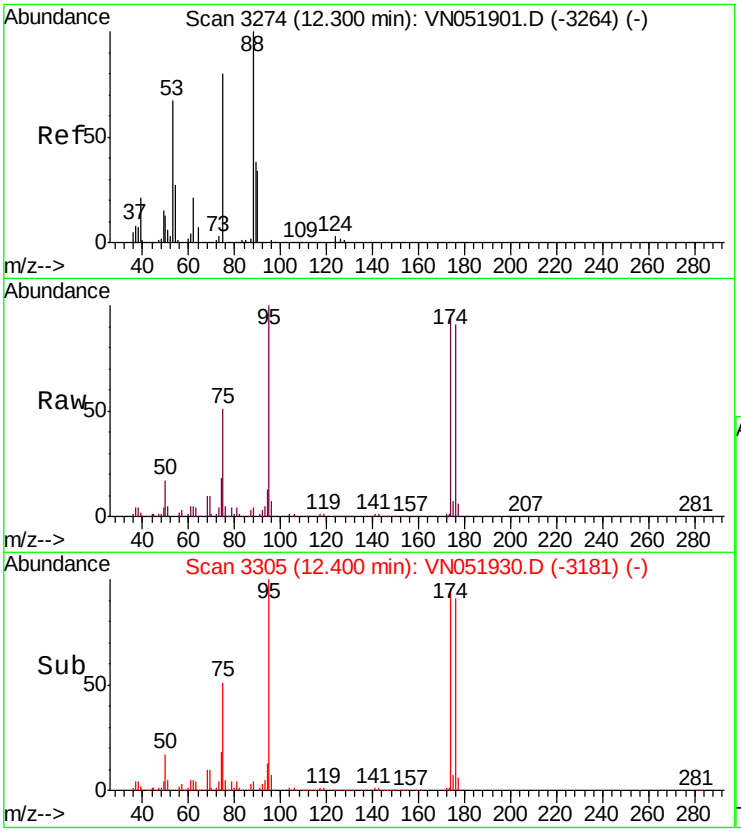


#80
1,3,5-Trimethylbenzene
Concen: 0.205 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion:105 Resp: 5126

Ion	Ratio	Lower	Upper
105	100		
120	41.5	25.3	75.9



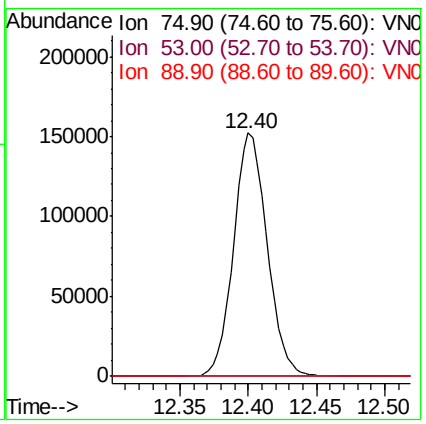


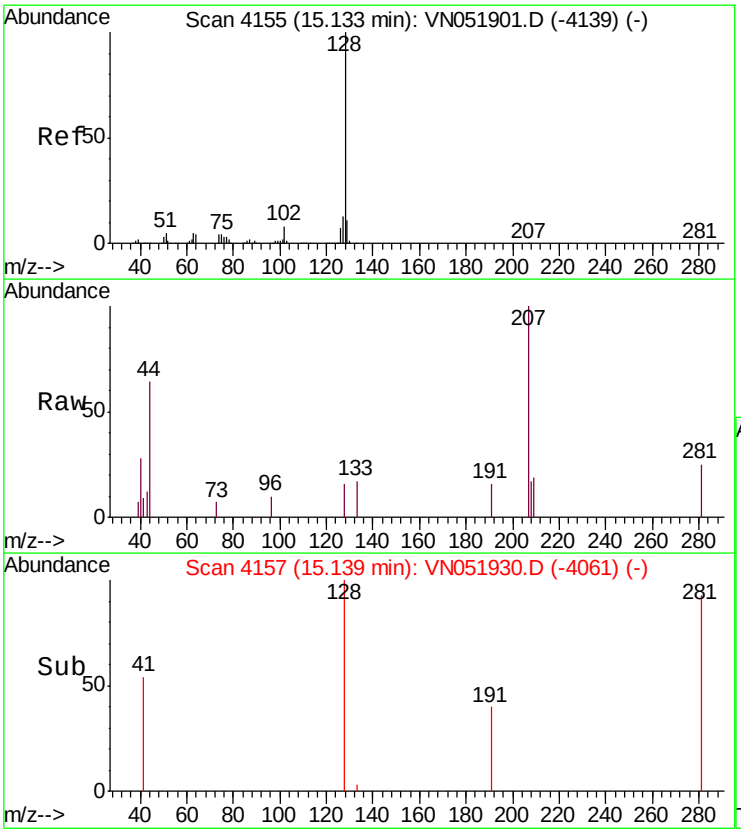
#81
trans-1,4-Dichloro-2-butene
Concen: 175.919 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion: 75 Resp: 259695

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

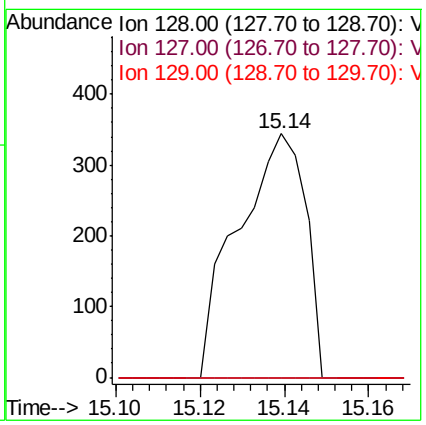


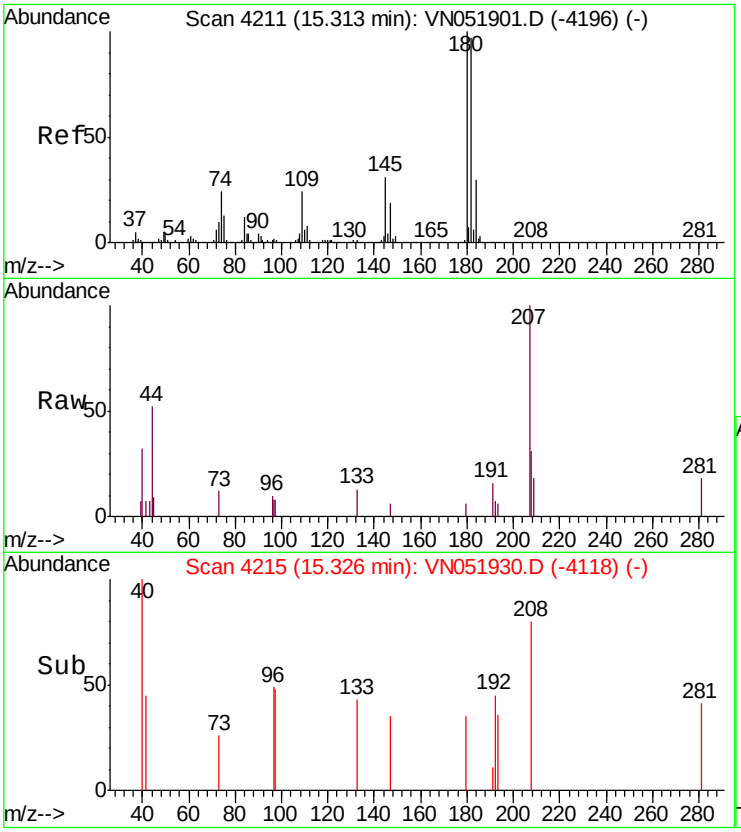


#95
Naphthalene
Concen: 4.088 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion:128 Resp: 385

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





#96
1,2,3-Trichlorobenzene
Concen: 2.918 ug/l
RT: 15.33 min Scan# 4215
Delta R.T. 0.01 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion:180 Resp: 30

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.8#
145	0.0	15.2	45.6#