Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052085.D
Acq On : 31 Oct 2018 20:19
Operator : MD\SY
Sample : J5202-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 01 01:44:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	289456	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	535758	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	503290	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203569	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	245960	52.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.90%				
35) Dibromofluoromethane	7.59	113	205664	61.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 122.72%				
50) Toluene-d8	10.09	98	806082	60.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 120.34%				
62) 4-Bromofluorobenzene	12.40	95	274496	55.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.64%				
Target Compounds							Qvalue
13) Acrolein	3.62	56	82	24.355	ug/l	#	12
14) Allyl chloride	4.55	41	580729	95.562	ug/l	#	23
16) Acetone	3.82	43	11724	11.825	ug/l		90
18) Methyl Acetate	4.55	43	67107	21.261	ug/l		92
20) Methylene Chloride	4.55	84	14127381	3739.458	ug/l		99
25) 2-Butanone	6.83	43	678	0.436	ug/l	#	50
29) Tetrahydrofuran	7.21	42	332	0.320	ug/l	#	43
31) Cyclohexane	7.66	56	8018	Below Cal		#	5
36) 1,1-Dichloropropene	7.67	75	26927	4.943	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	30079	6.404	ug/l	#	19
43) Isopropyl Acetate	8.17	43	164103	25.304	ug/l		97
48) Methyl methacrylate	9.18	41	4693	1.427	ug/l	#	22
49) 1,4-Dioxane	9.20	88	35	26.299	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.99	43	1610	0.457	ug/l	#	73
54) cis-1,3-Dichloropropene	9.90	75	1272	0.207	ug/l	#	42
59) 2-Hexanone	10.77	43	10290	4.096	ug/l	#	60
71) Bromoform	12.38	173	152	2.246	ug/l	#	29
76) 1,2,3-Trichloropropane	12.40	75	141742	38.037	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	141742	126.251	ug/l	#	9
95) Naphthalene	15.13	128	4747	0.814	ug/l	#	92

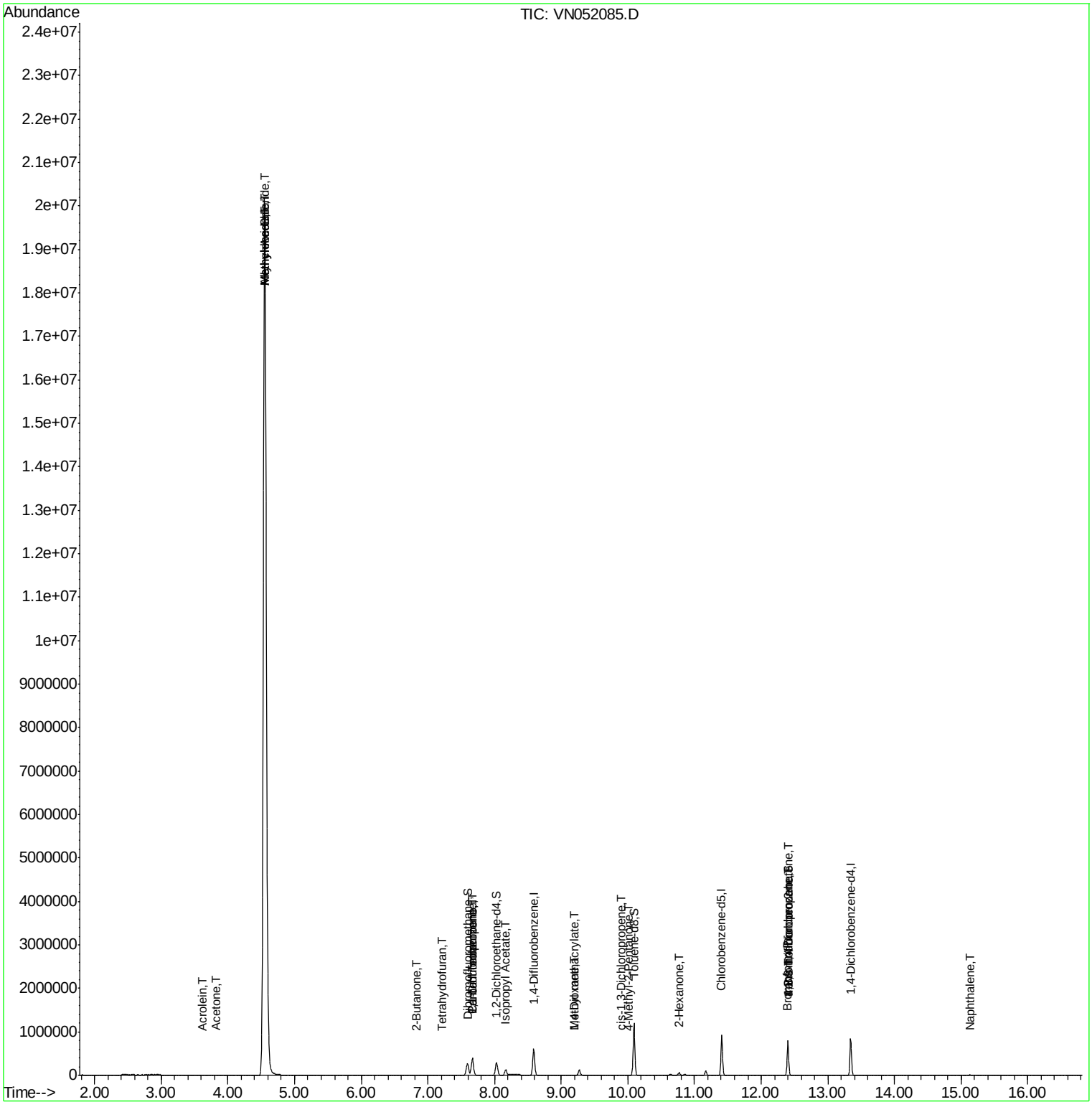
(#) = qualifier out of range (m) = manual integration (+) = signals summed

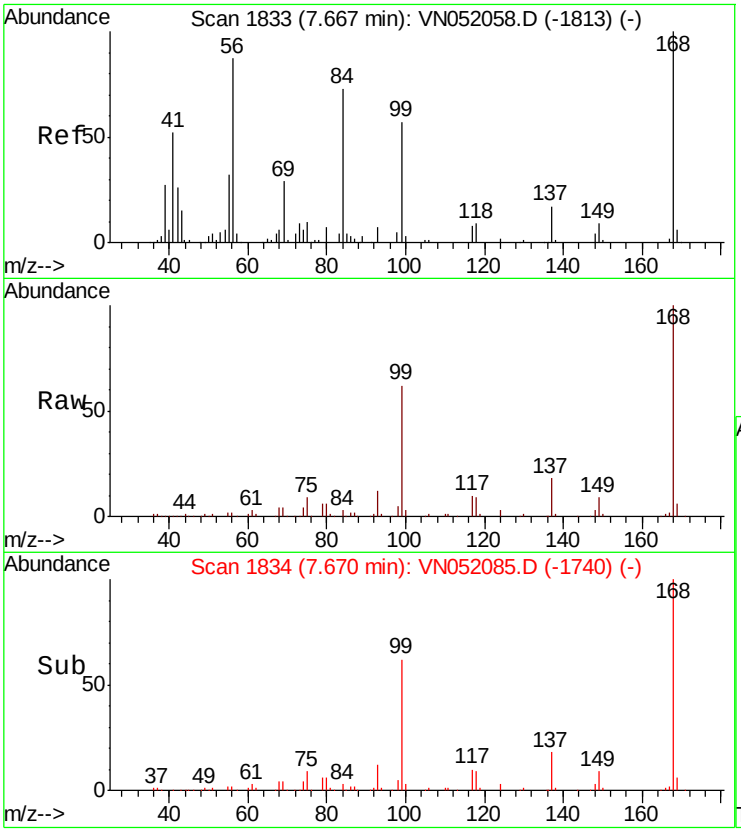
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052085.D
Acq On : 31 Oct 2018 20:19
Operator : MD\SY
Sample : J5202-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 01 01:44:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration



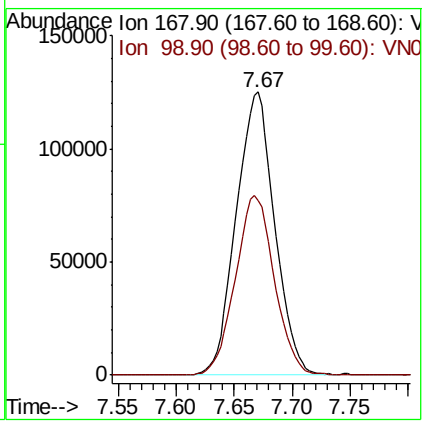


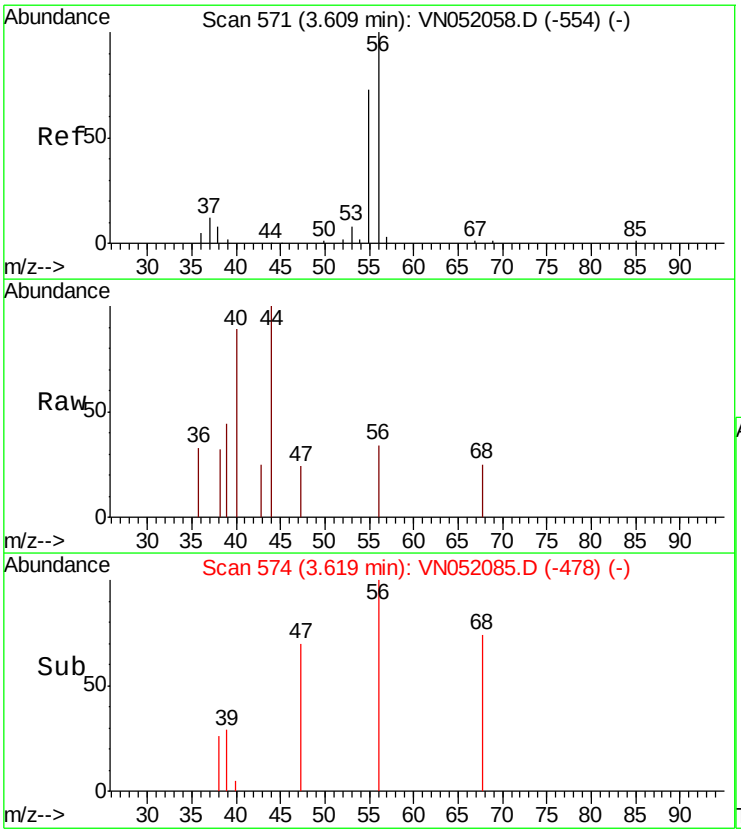
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 289456

Ion	Ratio	Lower	Upper
168	100		
99	61.9	56.6	85.0

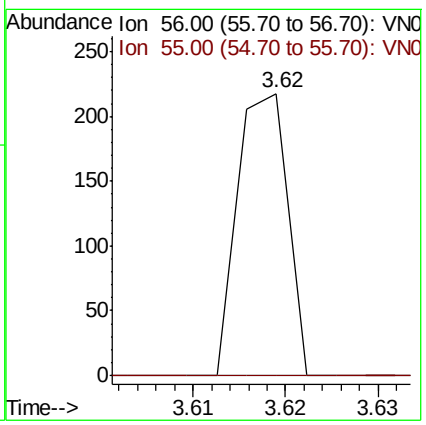


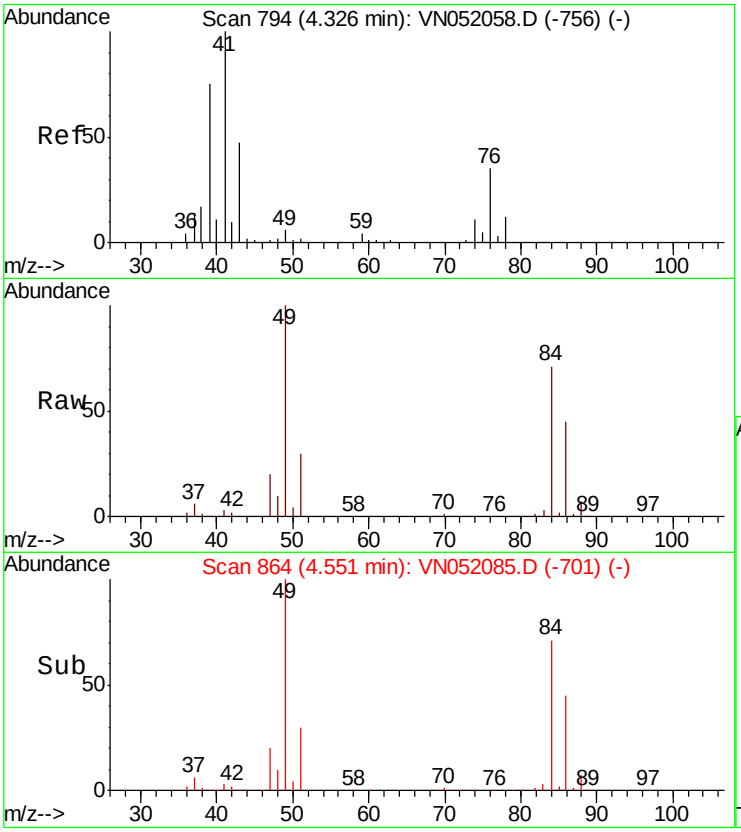


#13
Acrolein
Concen: 24.355 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 56 Resp: 82

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.9	89.9#



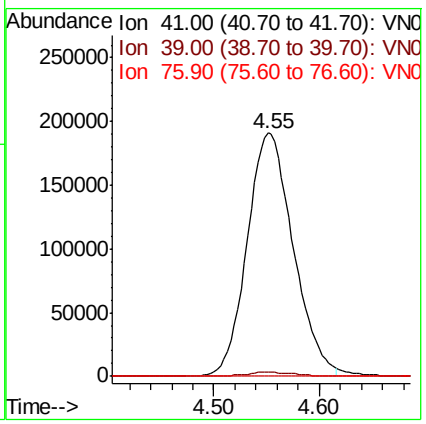


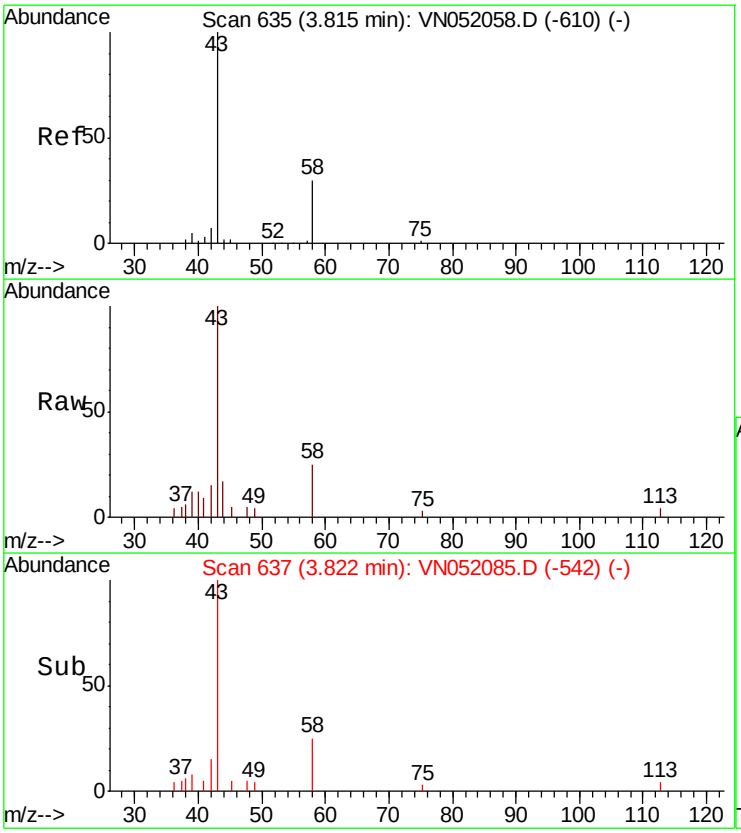
#14
Allyl chloride
Concen: 95.562 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 580729

Ion	Ratio	Lower	Upper
41	100		
39	1.5	58.1	87.1#
76	0.0	26.0	39.0#

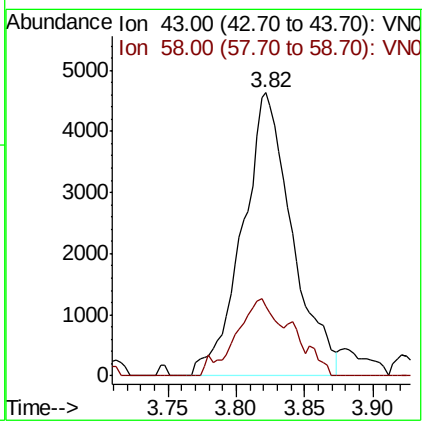


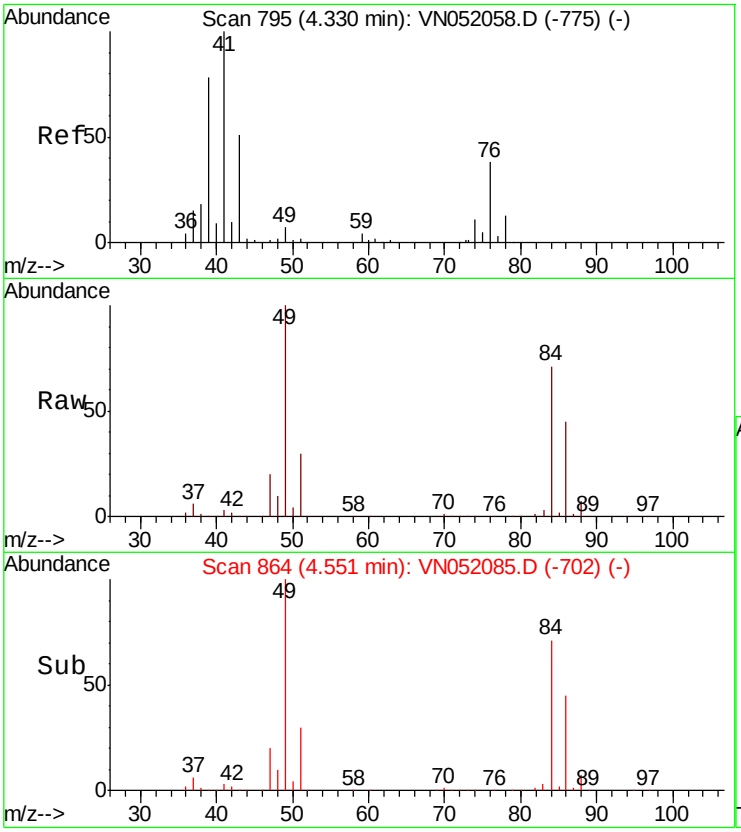


#16
Acetone
Concen: 11.825 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 43 Resp: 11724

Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.2	36.2



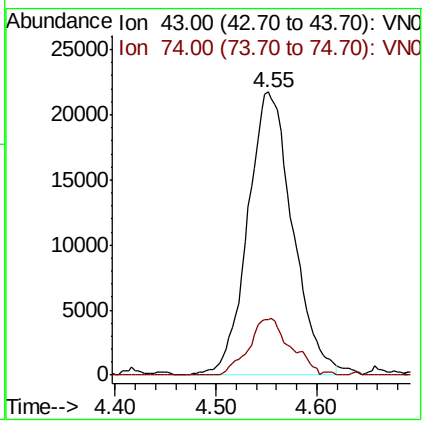


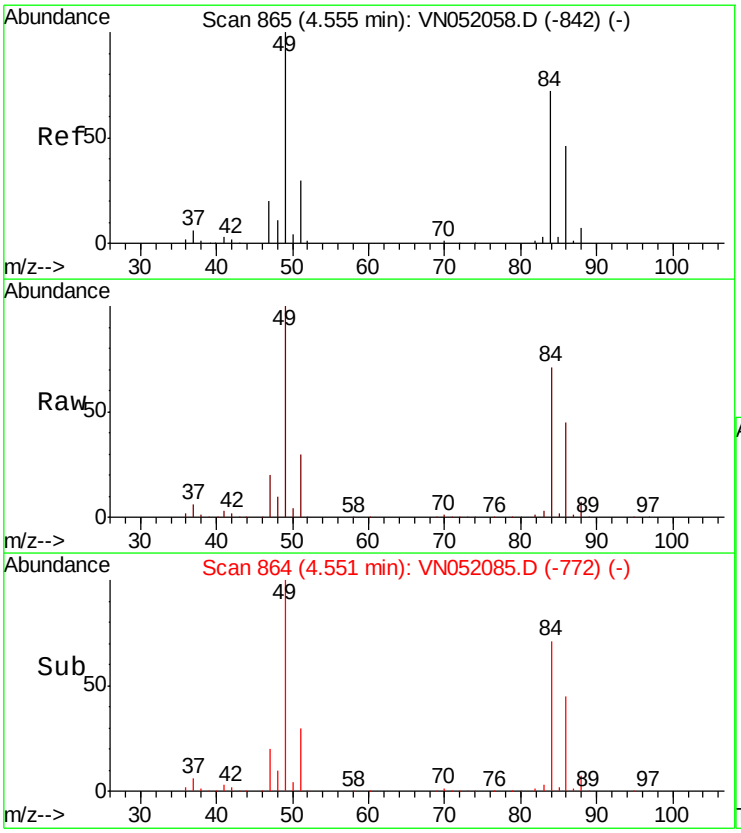
#18
Methyl Acetate
Concen: 21.261 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.22 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 67107

Ion	Ratio	Lower	Upper
43	100		
74	18.4	17.9	26.9

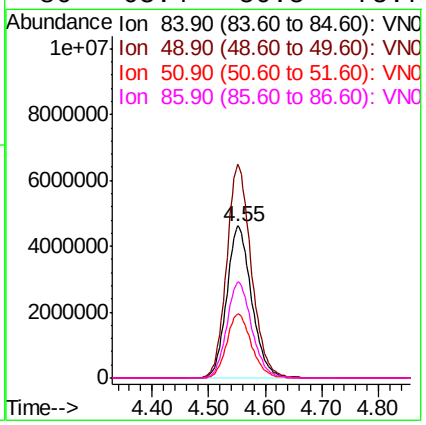


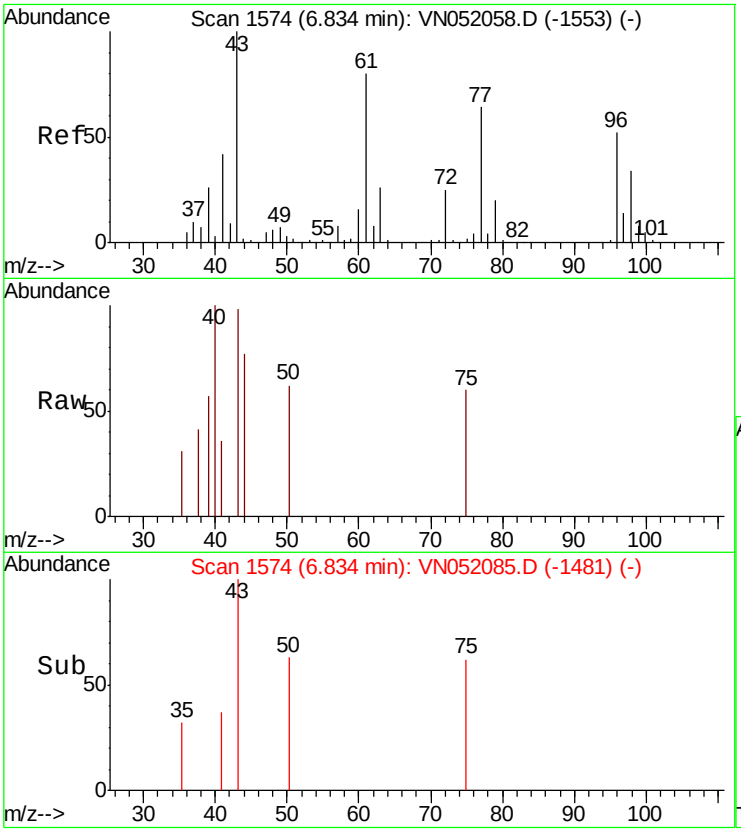


#20
Methylene Chloride
Concen: 3739.458 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 84 Resp:14127381

Ion	Ratio	Lower	Upper
84	100		
49	140.7	110.6	165.8
51	42.5	33.7	50.5
86	63.4	50.5	75.7



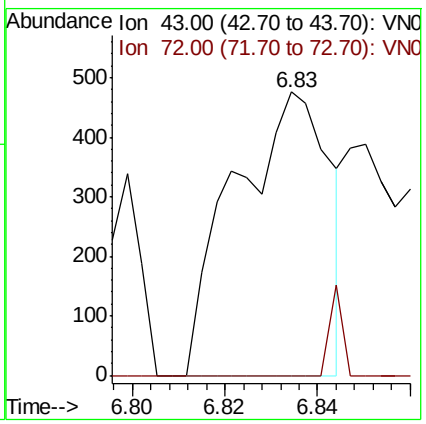


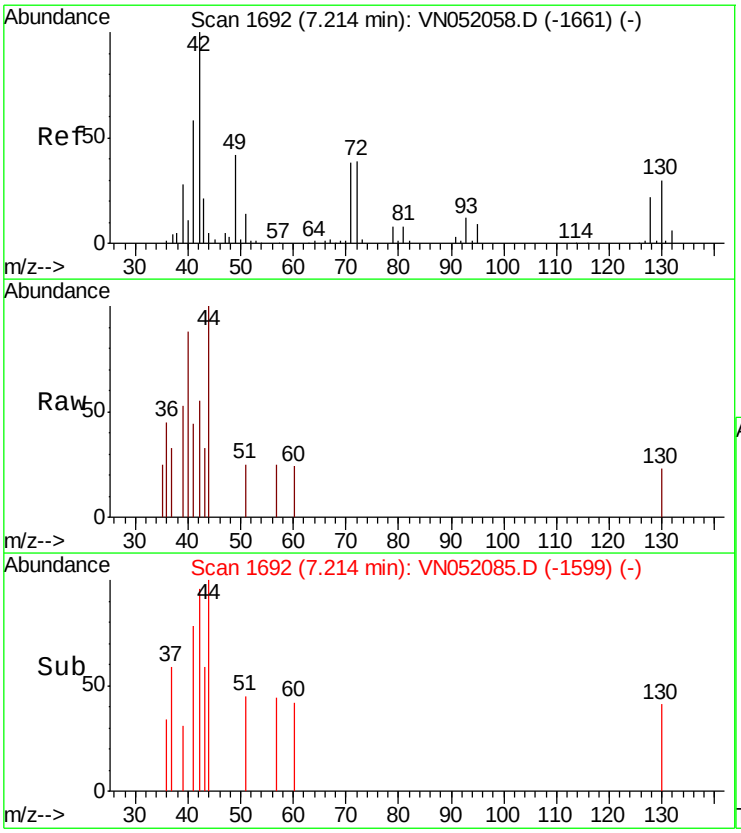
#25
2-Butanone
Concen: 0.436 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 678

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#

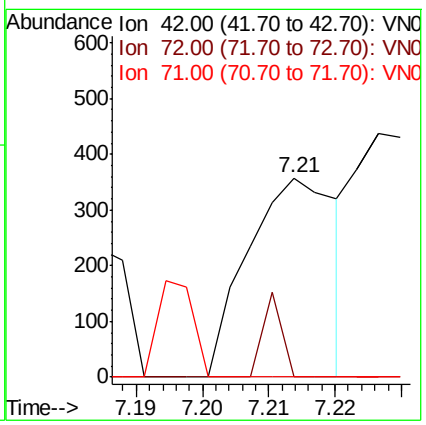


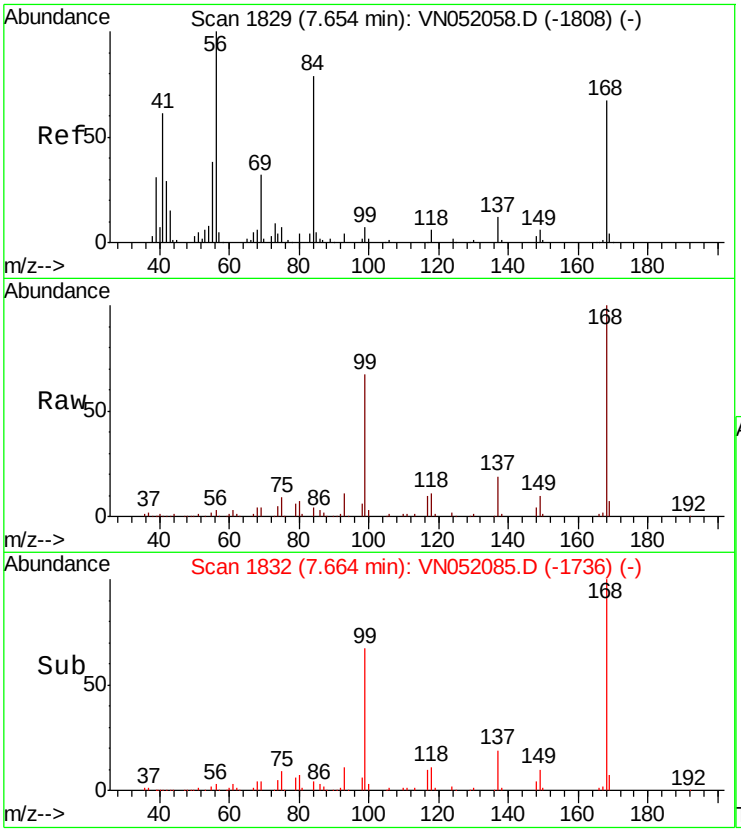


#29
Tetrahydrofuran
Concen: 0.320 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 42 Resp: 332

Ion	Ratio	Lower	Upper
42	100		
72	8.7	32.5	48.7#
71	0.0	30.6	46.0#



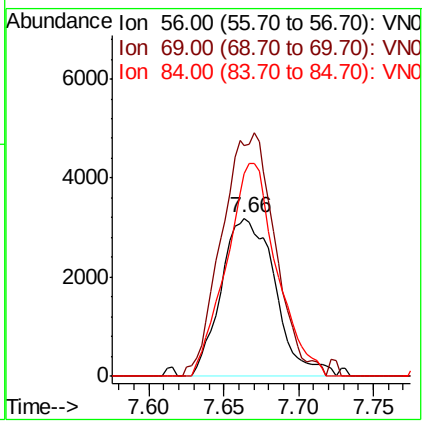


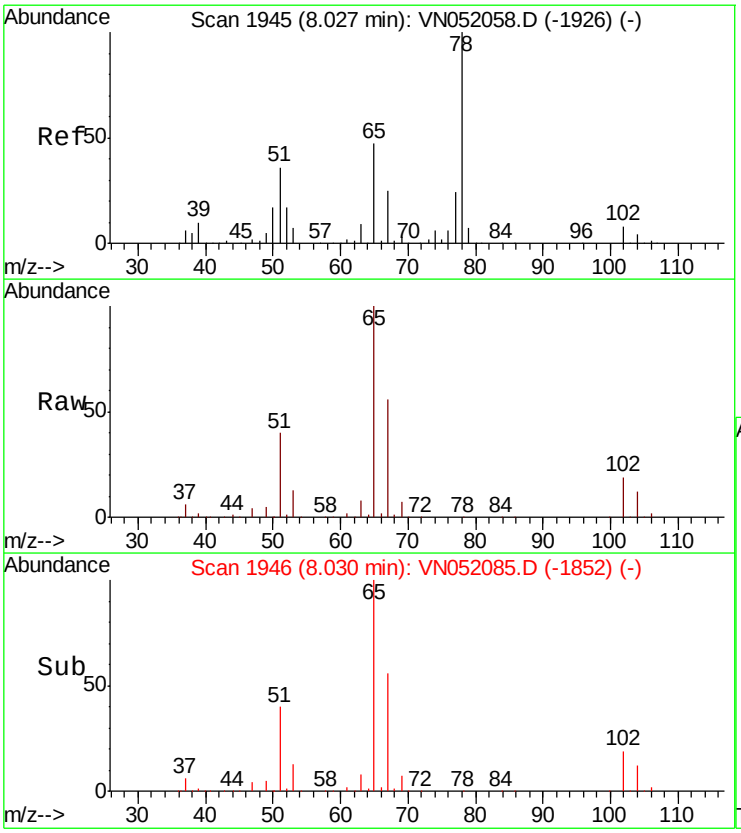
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 8018

Ion	Ratio	Lower	Upper
56	100		
69	140.3	25.8	38.6#
84	128.2	63.5	95.3#

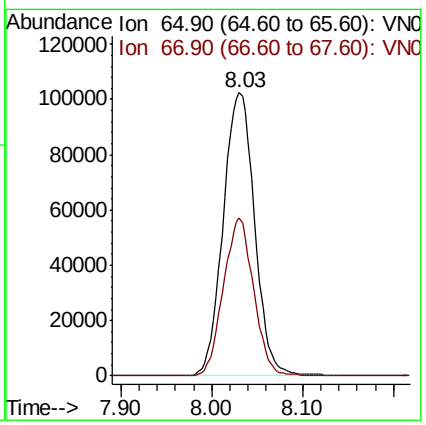


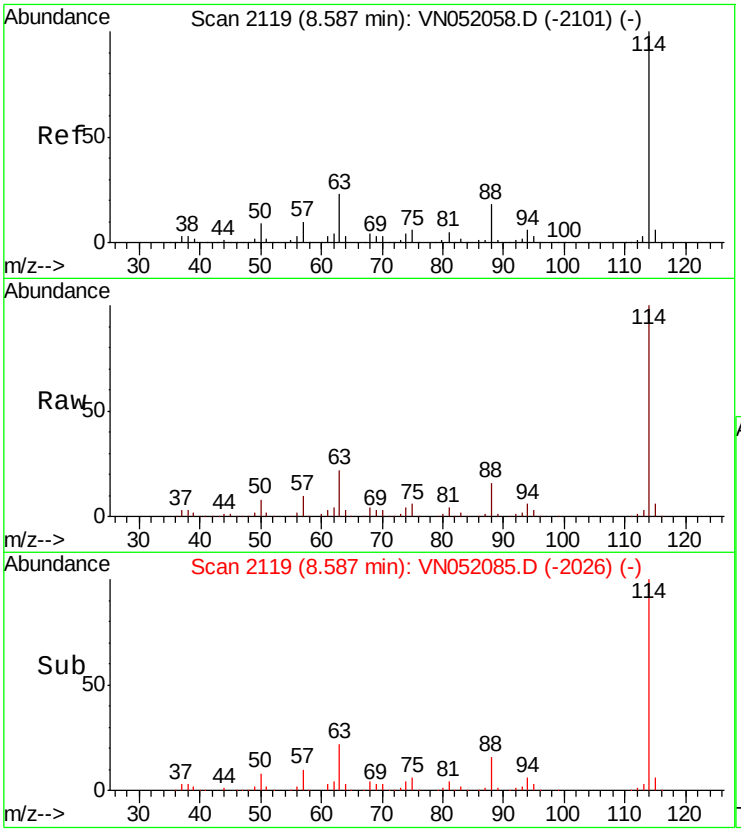


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 65 Resp: 245960

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.2



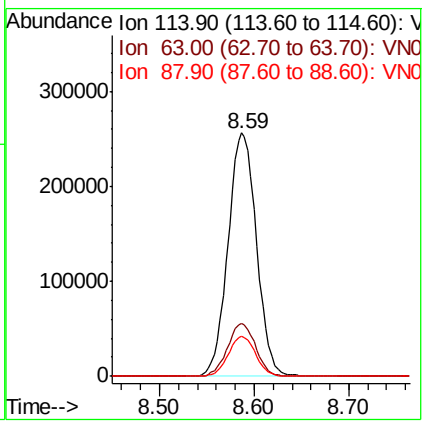


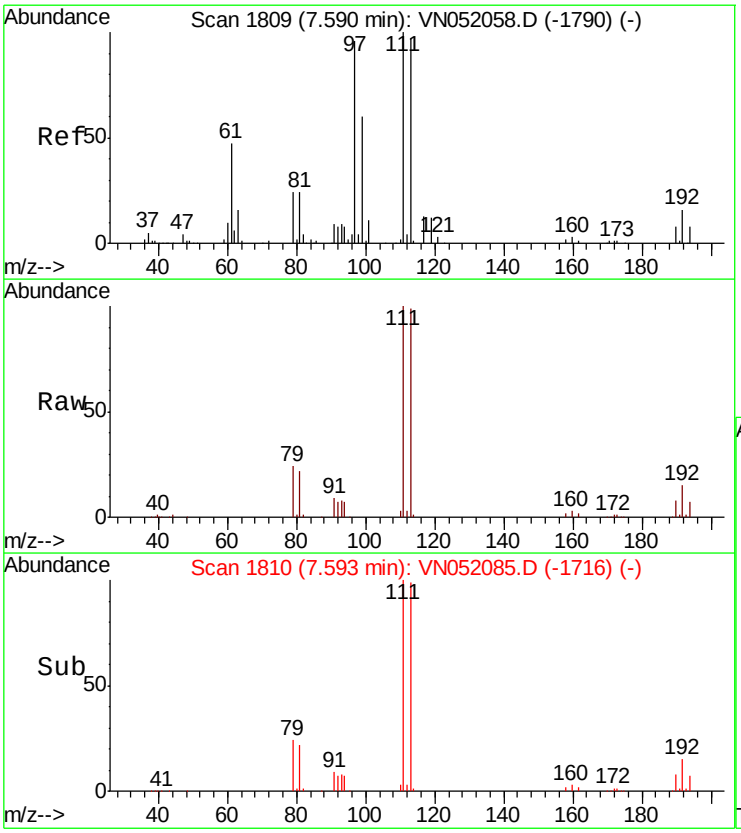
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 535758

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	46.0
88	16.3	0.0	35.4

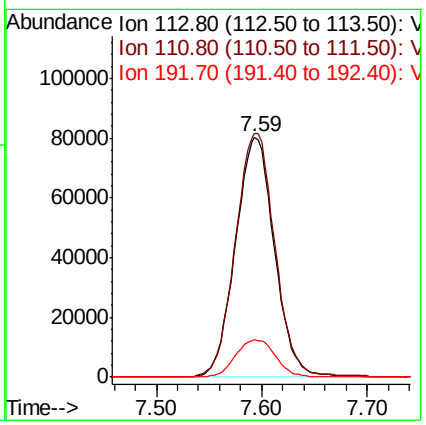


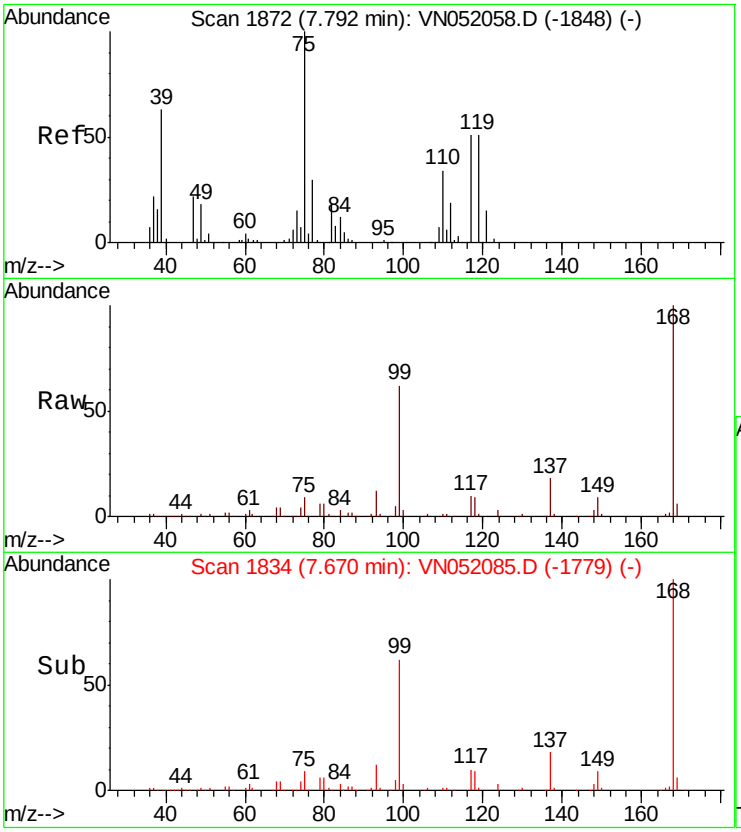


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion:113 Resp: 205664

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.0	12.7	19.1



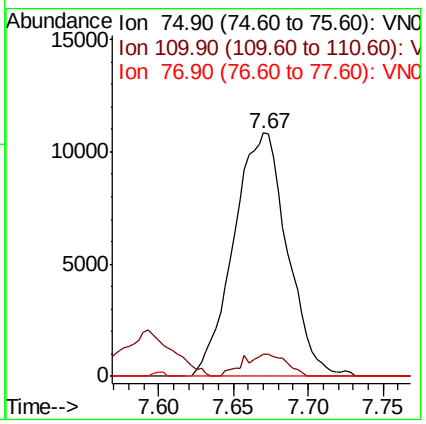


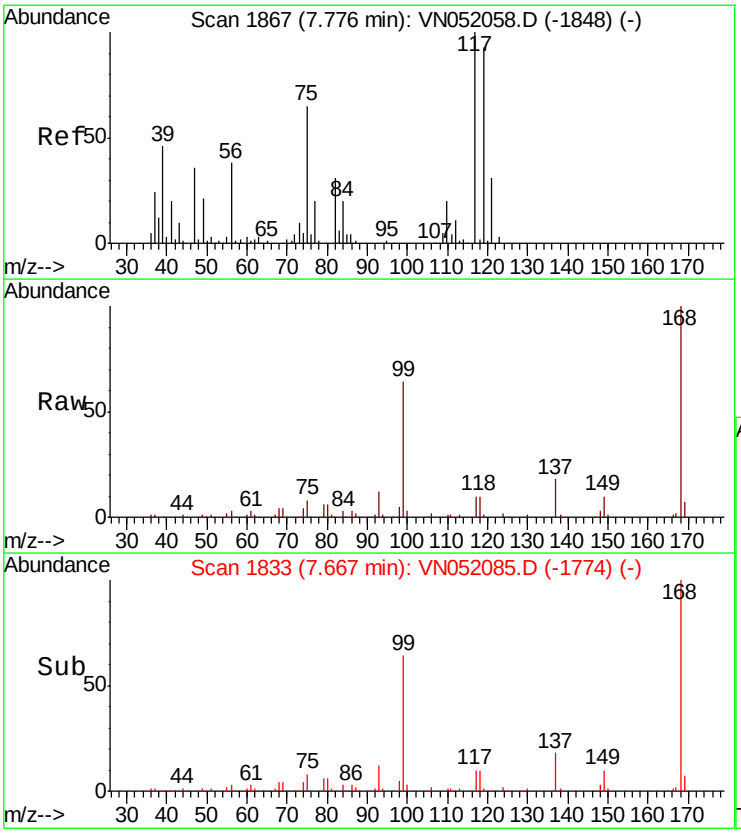
#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 26927

Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.0	48.0#
77	0.0	24.5	36.7#

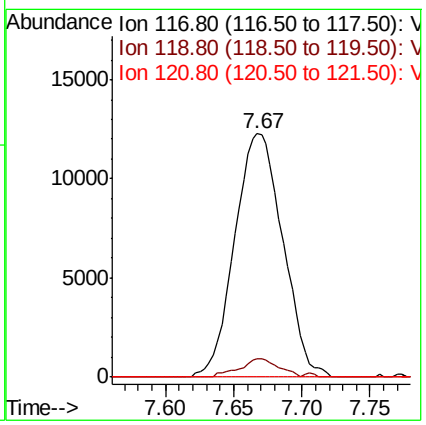


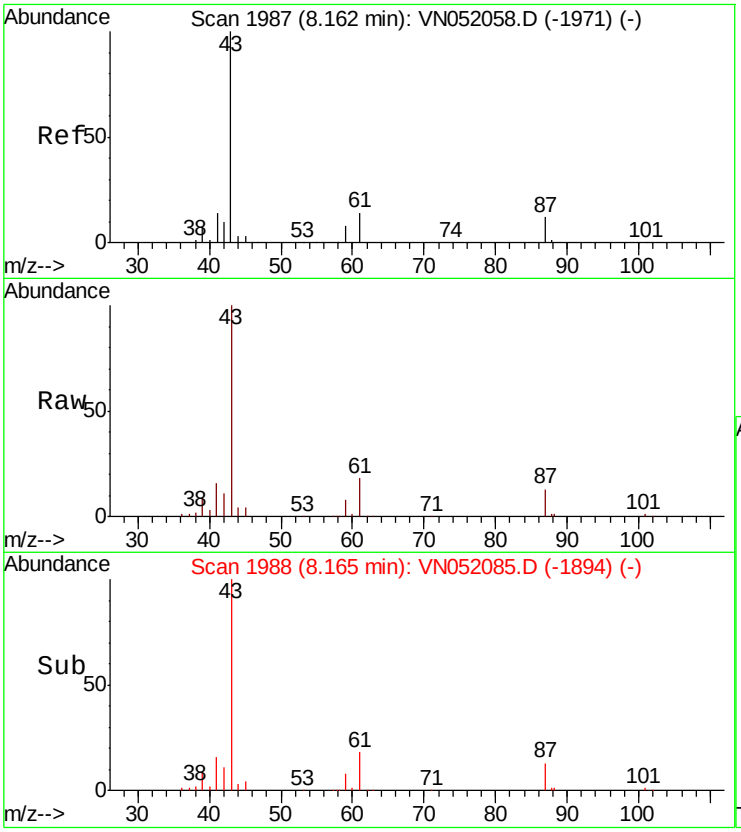


#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion:117 Resp: 30079

Ion	Ratio	Lower	Upper
117	100		
119	7.5	74.8	112.2#
121	0.0	25.1	37.7#



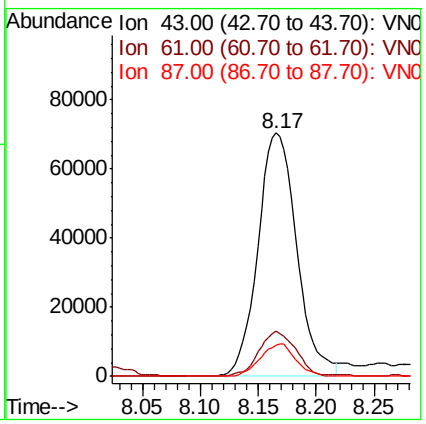


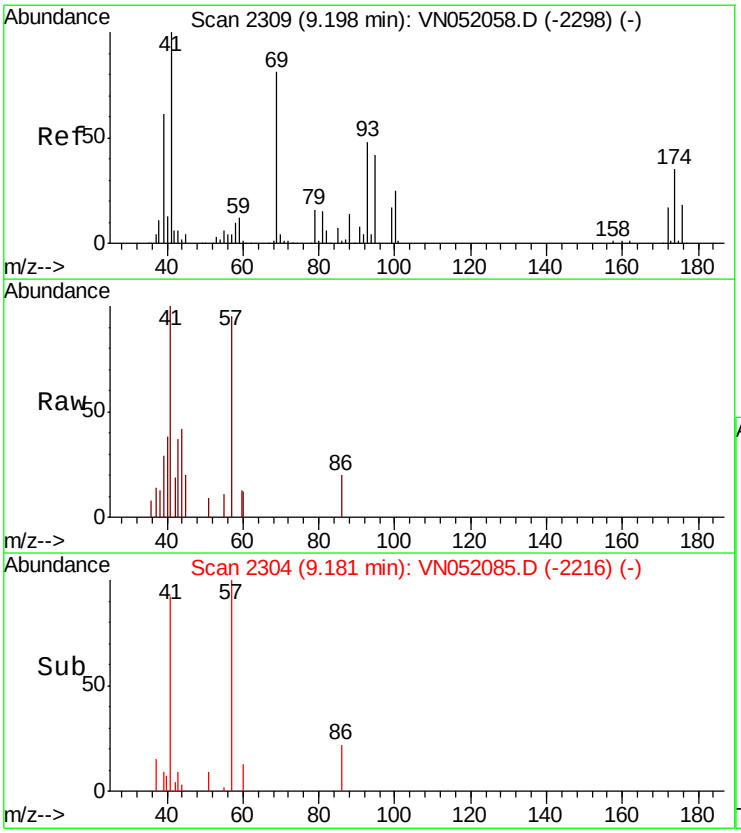
#43
Isopropyl Acetate
Concen: 25.304 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 164103

Ion	Ratio	Lower	Upper
43	100		
61	17.4	15.4	23.0
87	12.1	9.8	14.8

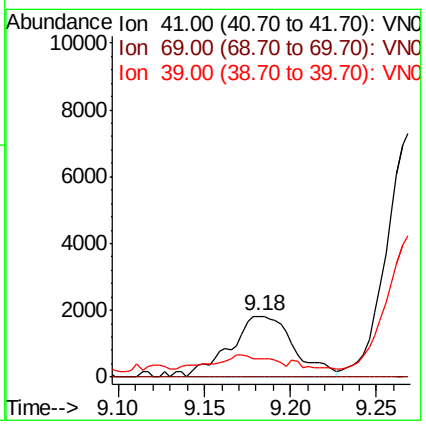


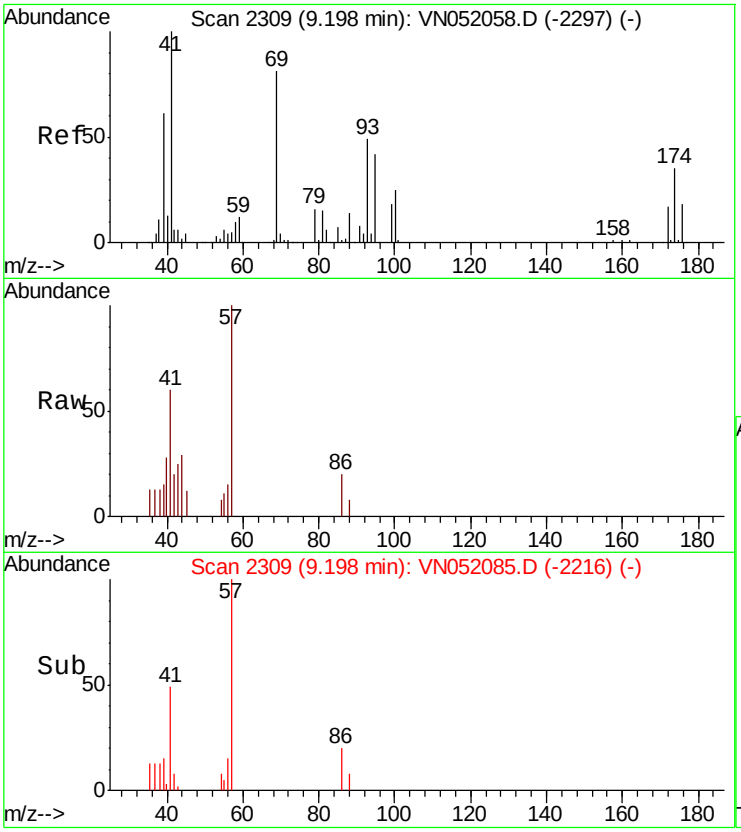


#48
Methyl methacrylate
Concen: 1.427 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 41 Resp: 4693

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.1	100.7#
39	18.2	50.5	75.7#



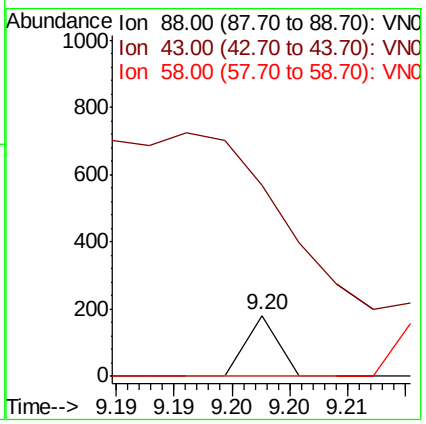


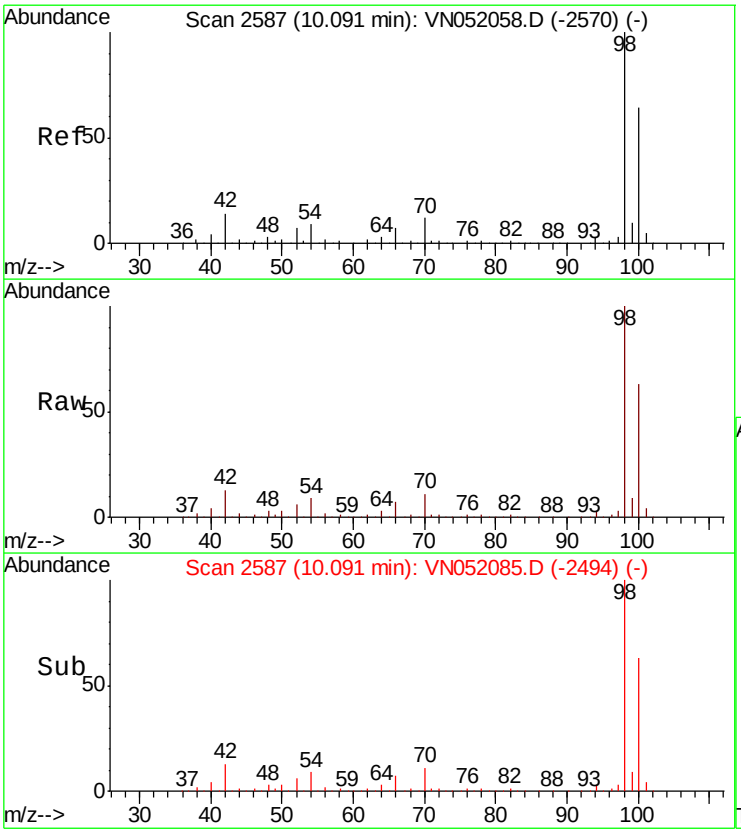
#49
1,4-Dioxane
Concen: 26.299 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 35

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.1	51.1#
58	194.3	62.8	94.2#

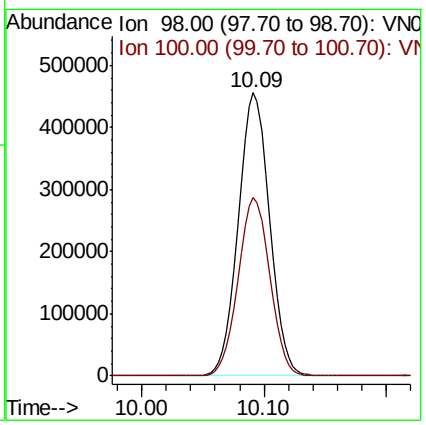


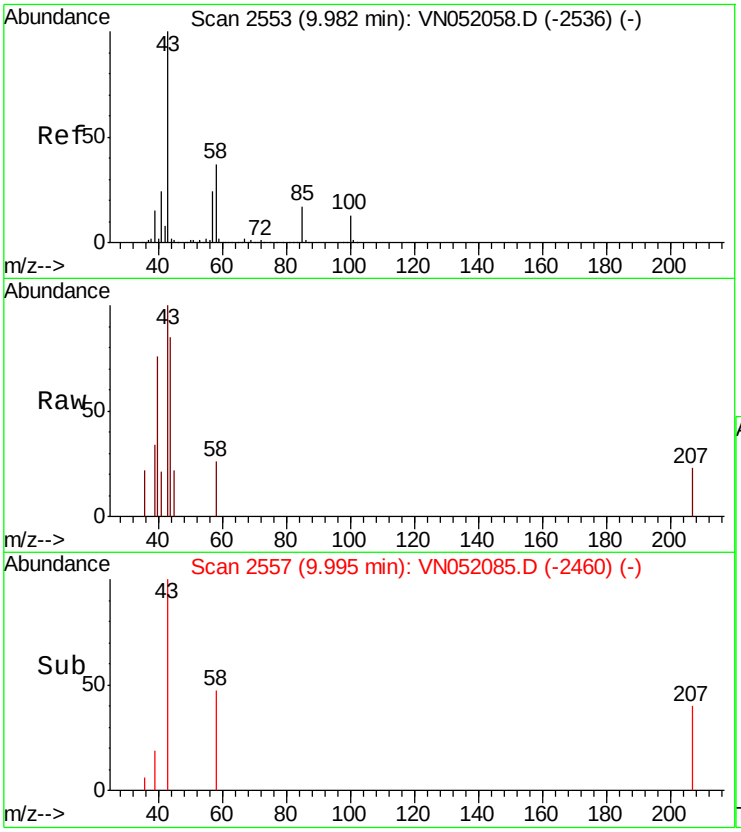


#50
Toluene-d8
Concen: 26.299 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 98 Resp: 806082

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.2



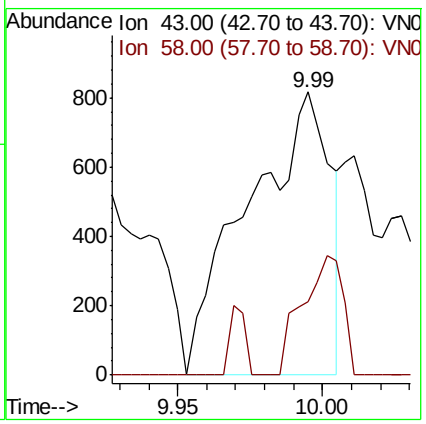


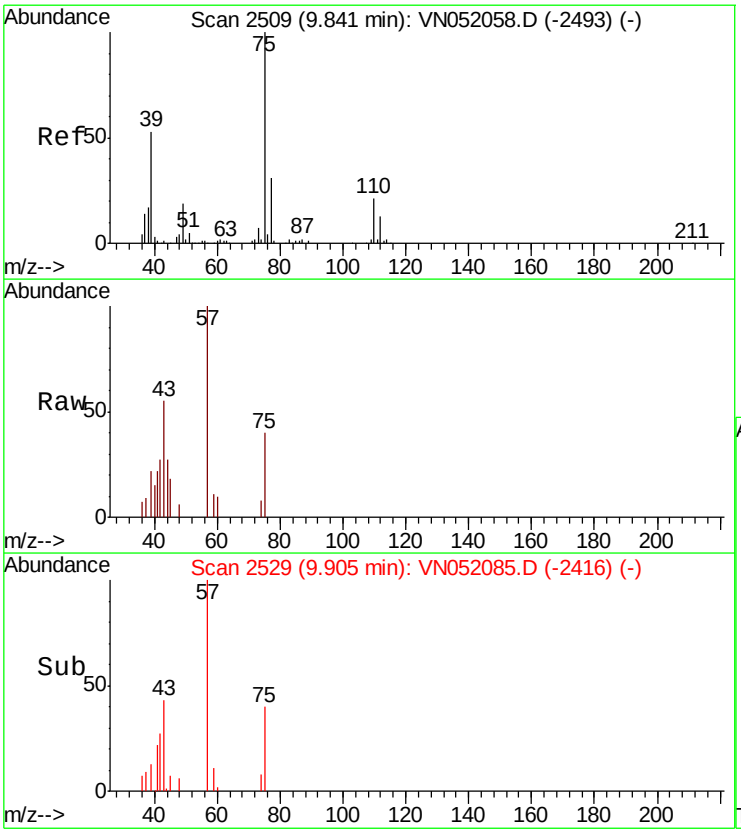
#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 9.99 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1610

Ion	Ratio	Lower	Upper
43	100		
58	20.7	29.7	44.5#

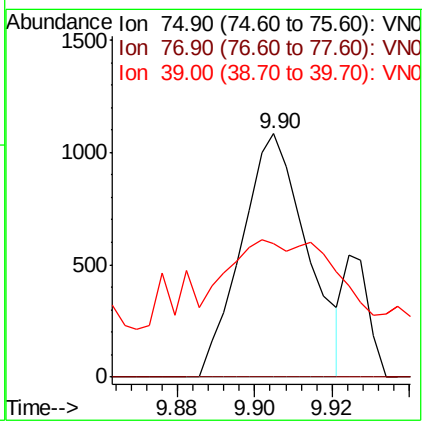


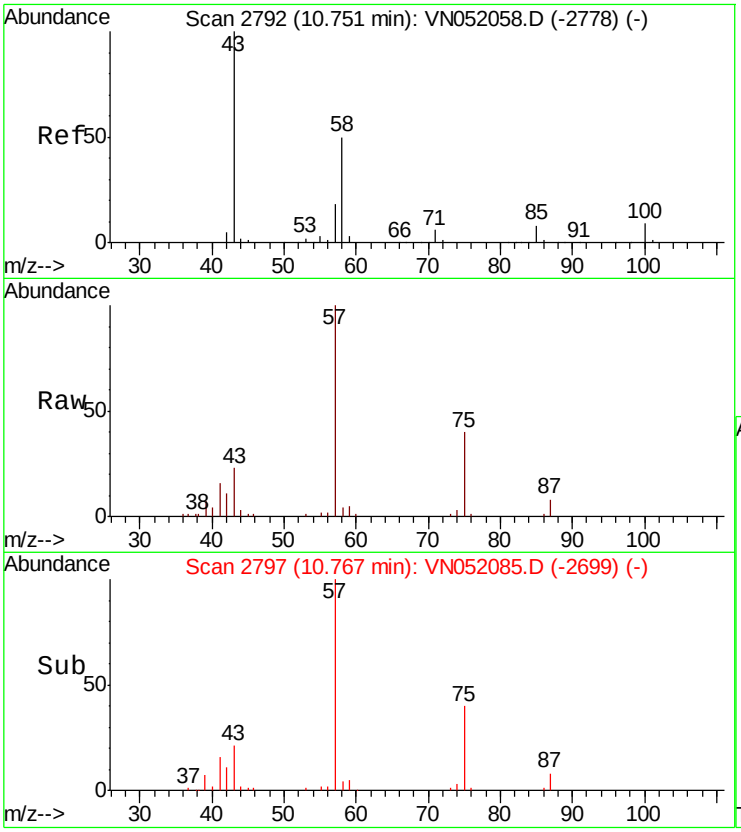


#54
cis-1,3-Dichloropropene
Concen: 0.207 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 75 Resp: 1272

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	11.7	42.3	63.5#



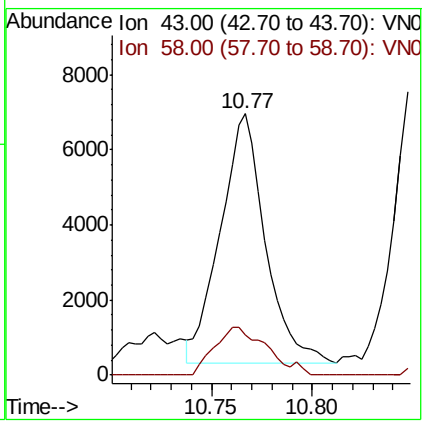


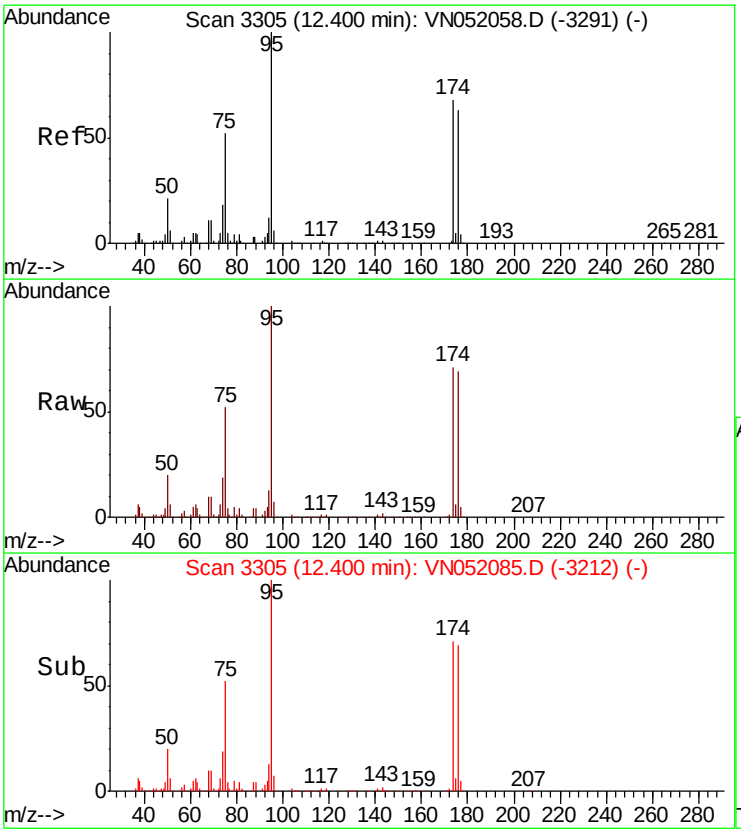
#59
2-Hexanone
Concen: 4.096 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10290

Ion	Ratio	Lower	Upper
43	100		
58	22.6	25.2	75.6#

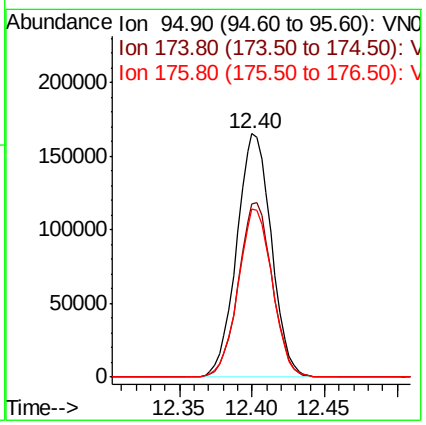


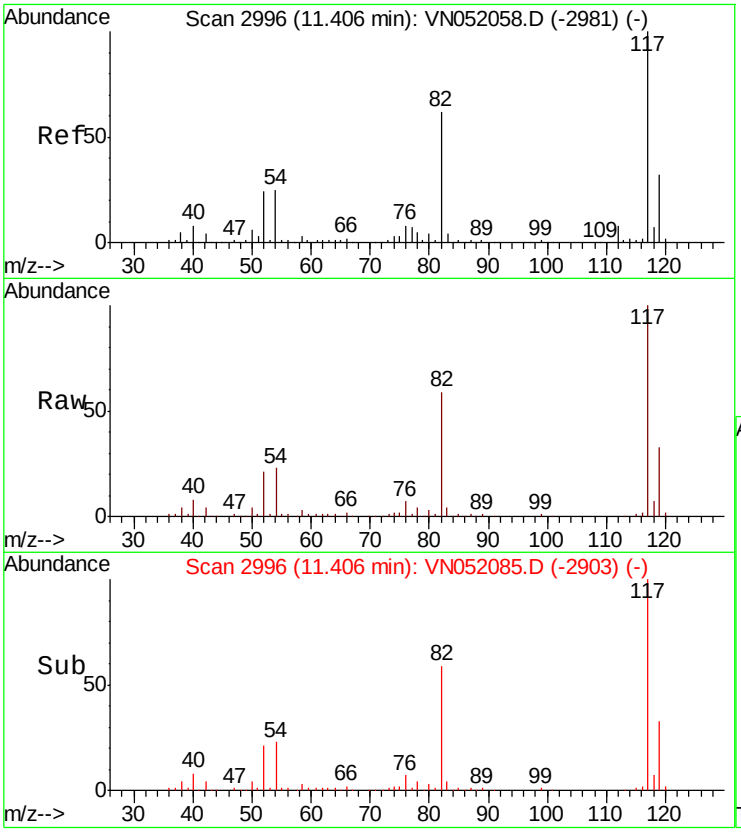


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 95 Resp: 274496

Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	131.8
176	68.4	0.0	126.0



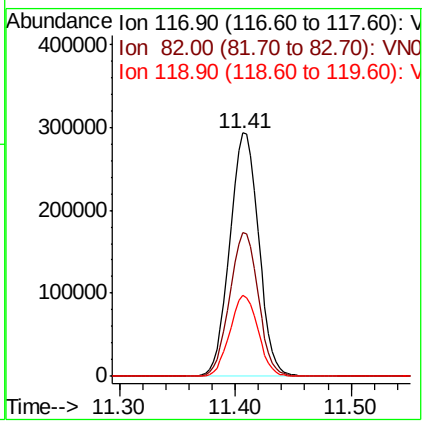


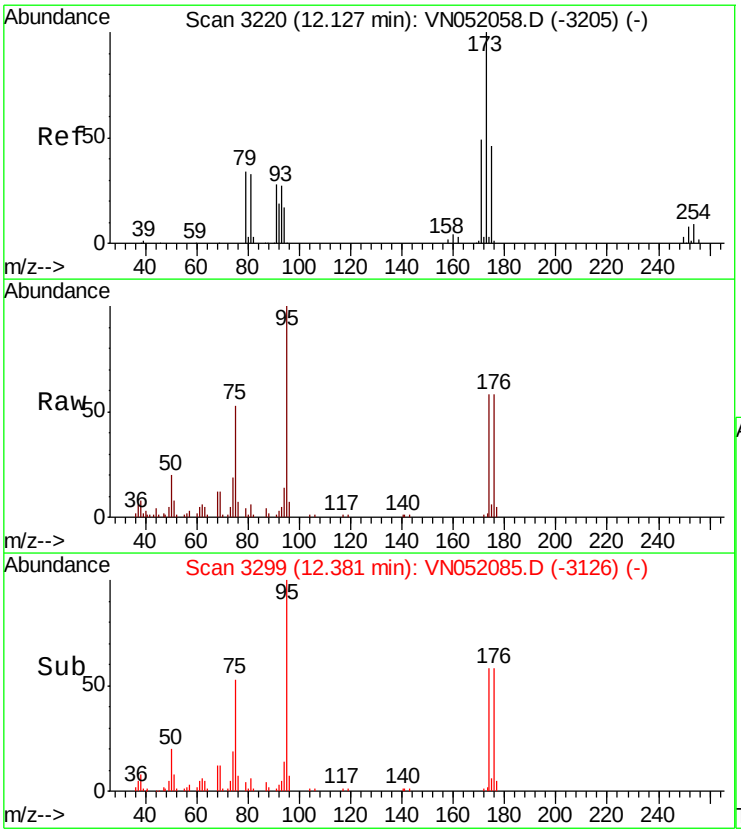
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 503290

Ion	Ratio	Lower	Upper
117	100		
82	58.8	49.9	74.9
119	33.0	25.7	38.5

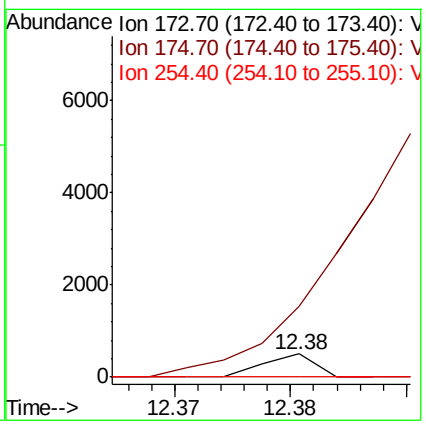


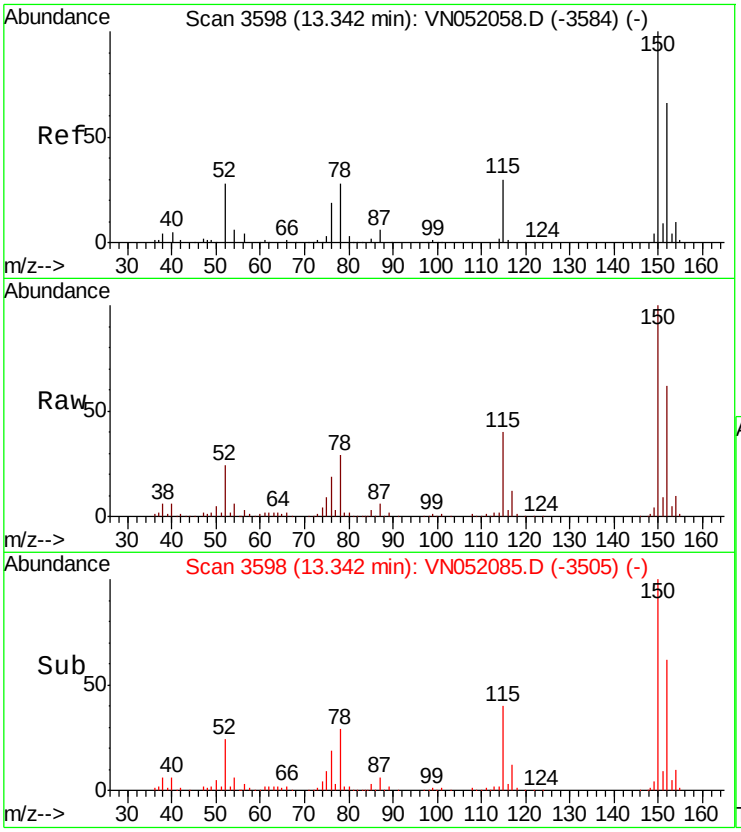


#71
Bromoform
Concen: 2.246 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.25 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion:173 Resp: 152

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.9	71.7#
254	0.0	0.0	0.0



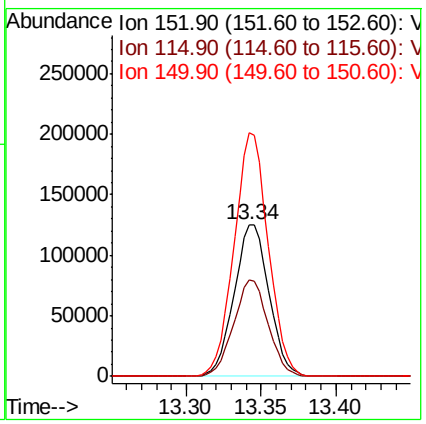


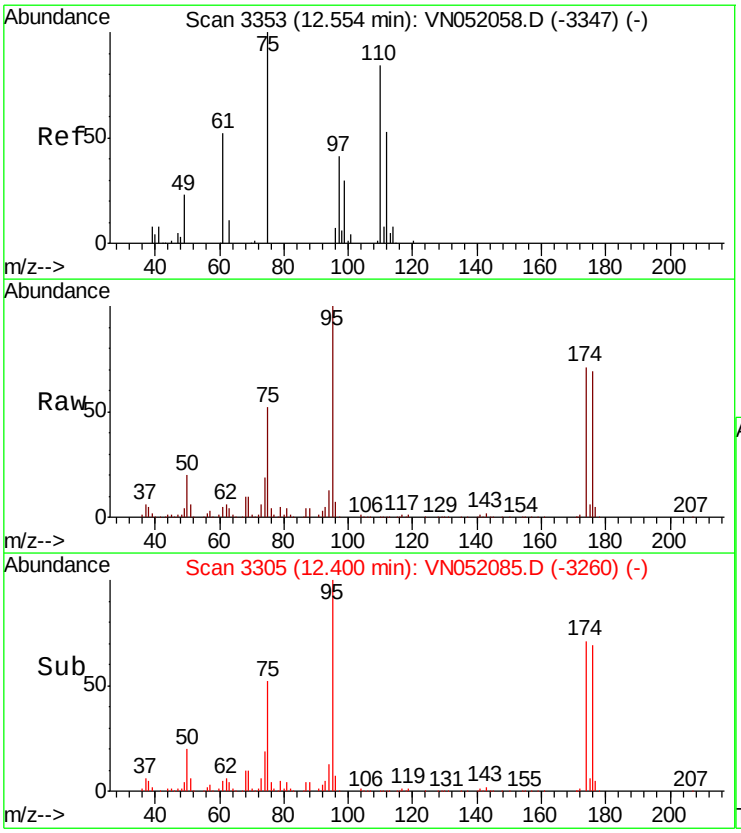
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 203569

Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.6	95.0
150	156.6	0.0	345.0

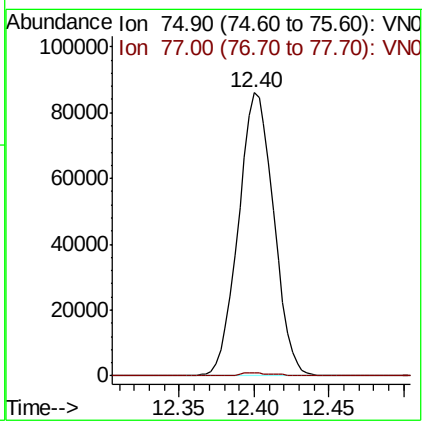


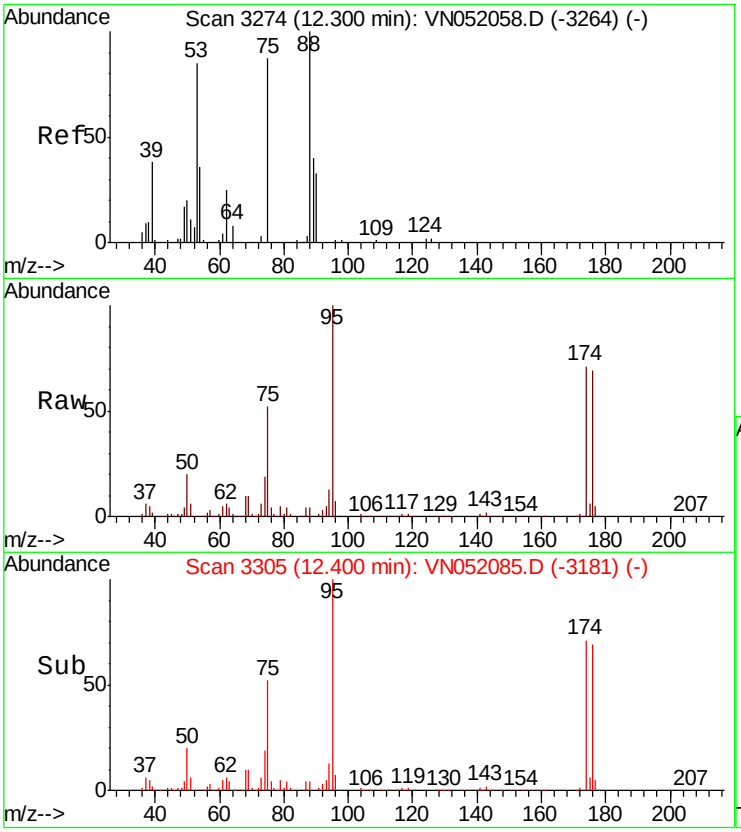


#76
1,2,3-Trichloropropane
Concen: 38.037 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion: 75 Resp: 141742

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



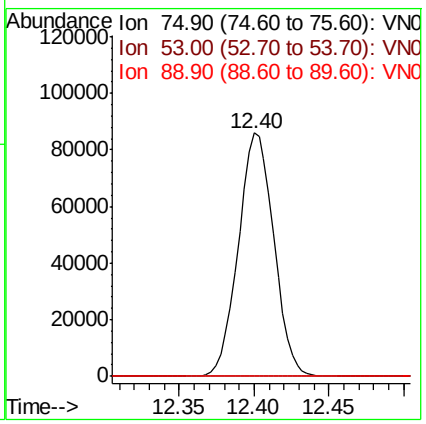


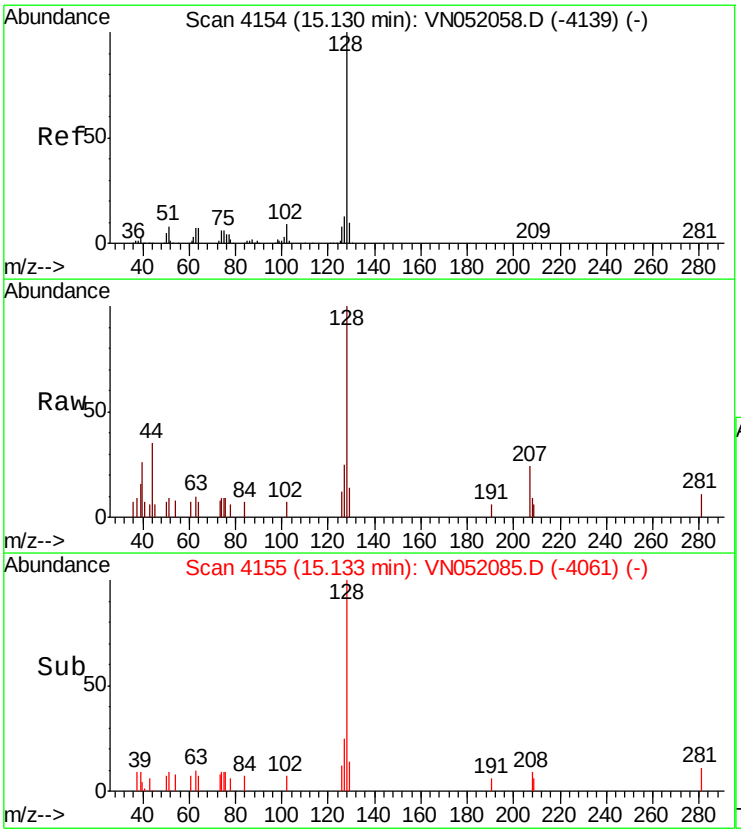
#81
trans-1,4-Dichloro-2-butene
Concen: 126.251 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 141742

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.6#
89	0.0	36.6	54.8#





#95
Naphthalene
Concen: 0.814 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052085.D
Acq: 31 Oct 2018 20:19

Tgt Ion:128 Resp: 4747

Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.5	15.7#
129	9.0	8.6	12.8