Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010319\
Data File : VN053258.D
Acq On : 3 Jan 2019 13:23
Operator : MD\SY
Sample : PB116111ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Quant Time: Jan 04 00:53:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1878802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1645593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	593542	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
35) Dibromofluoromethane	7.59	113	513391	59.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.64%	
50) Toluene-d8	10.09	98	2303854	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	694912	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	32602	13.449	ug/l	100
18) Methyl Acetate	4.33	43	8569	1.755	ug/l #	83
20) Methylene Chloride	4.55	84	52828	3.995	ug/l	98
25) 2-Butanone	6.84	43	2668	0.656	ug/l #	89
29) Tetrahydrofuran	7.21	42	790	0.260	ug/l	87
31) Cyclohexane	7.67	56	19315	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	79092	4.386	ug/l #	48
38) Carbon Tetrachloride	7.67	117	104692	6.334	ug/l #	16
43) Isopropyl Acetate	8.17	43	55478	1.842	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	4085	0.292	ug/l #	44
48) Methyl methacrylate	9.18	41	16390	1.678	ug/l #	12
49) 1,4-Dioxane	9.27	88	509	4.119	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	20656	2.119	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	134521	6.442	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	26589	1.337	ug/l #	42
59) 2-Hexanone	10.76	43	350953	53.206	ug/l #	50
71) Bromoform	12.40	173	4115	0.449	ug/l #	1
74) N-amyl acetate	11.88	43	39625	3.348	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	323855	35.307	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	323855	113.799	ug/l #	12
95) Naphthalene	15.14	128	441	1.167	ug/l #	69

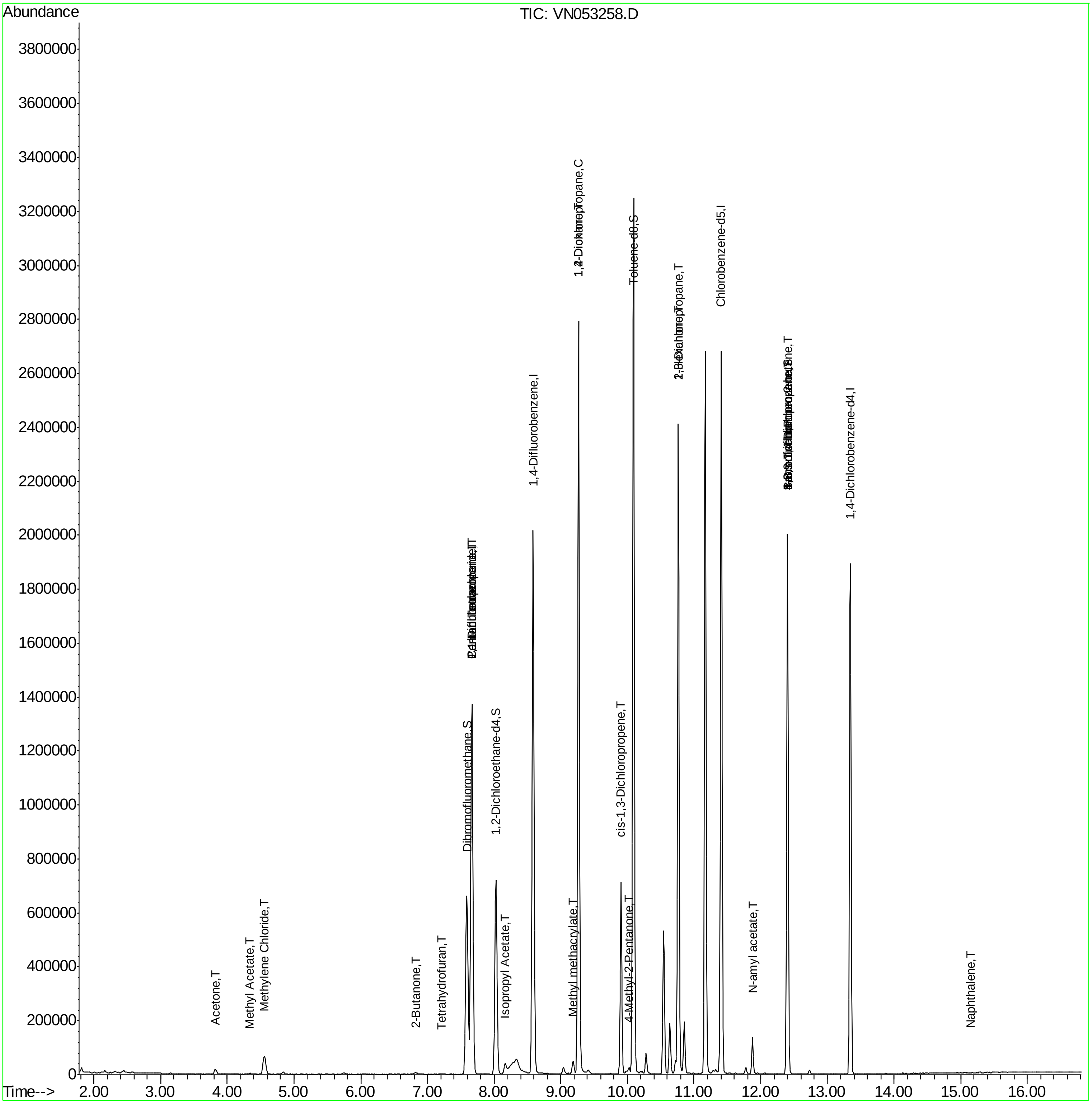
(#) = qualifier out of range (m) = manual integration (+) = signals summed

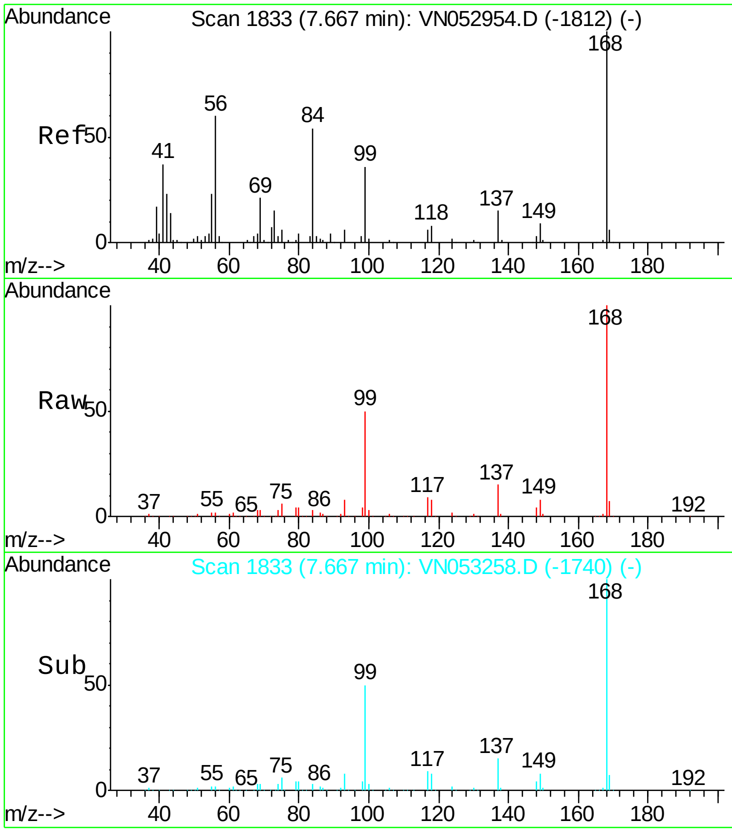
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010319\
Data File : VN053258.D
Acq On : 3 Jan 2019 13:23
Operator : MD\SY
Sample : PB116111ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Quant Time: Jan 04 00:53:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



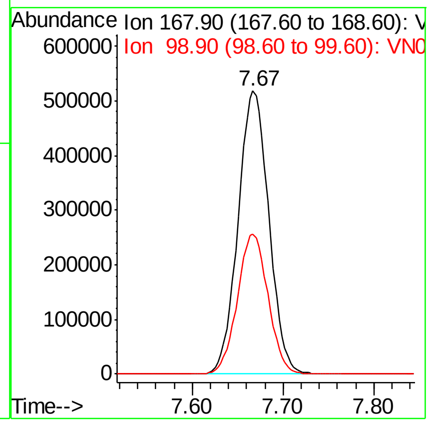


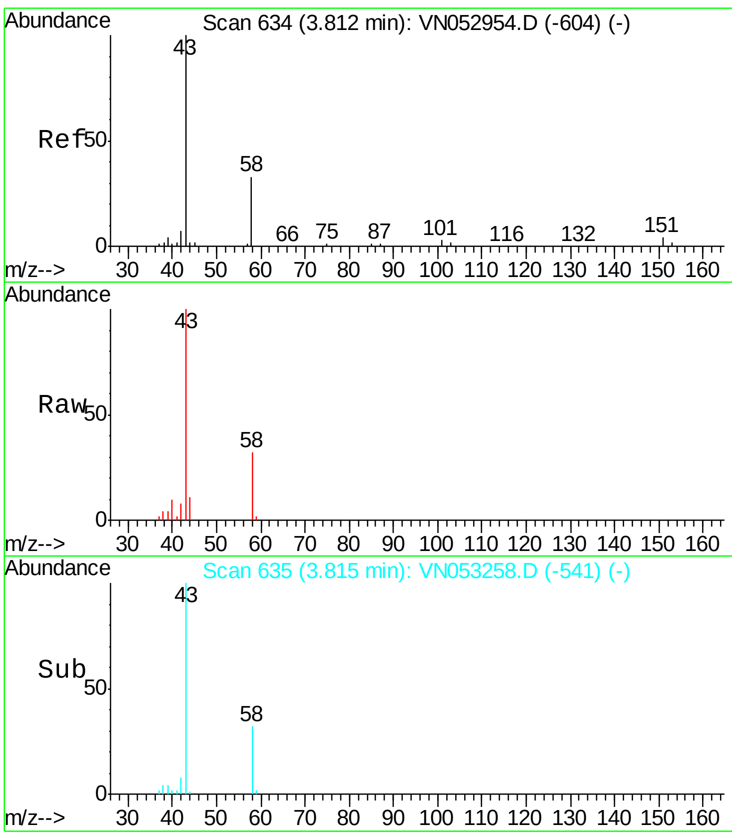
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion:168 Resp: 1218345

Ion	Ratio	Lower	Upper
168	100		
99	49.6	40.2	60.2

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

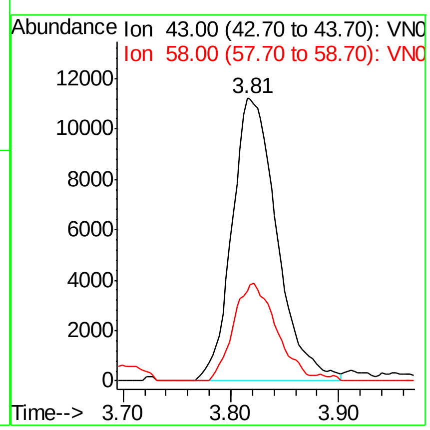


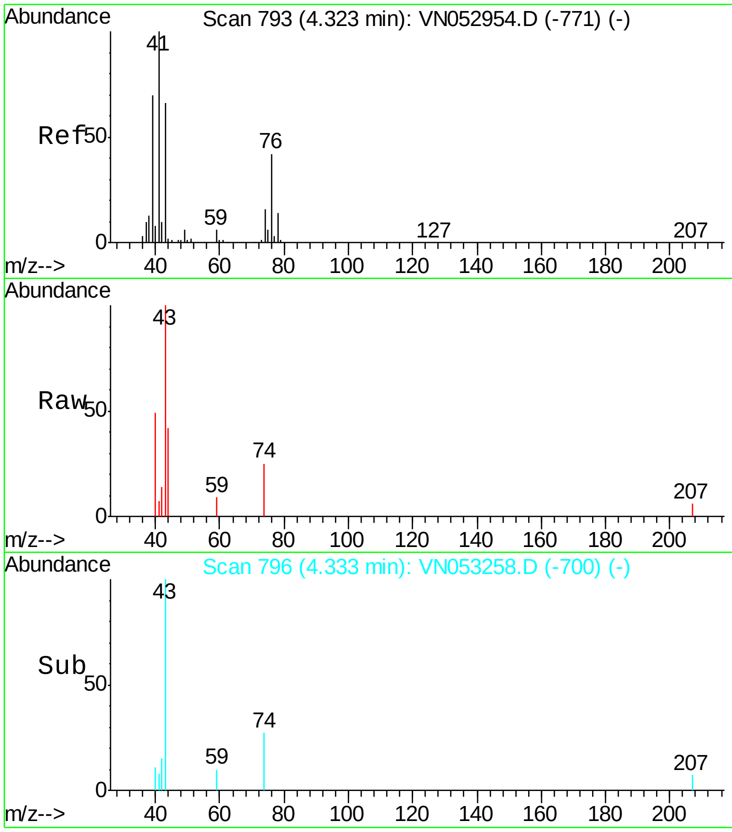


#16
Acetone
Concen: 13.449 ug/l
RT: 3.81 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 43 Resp: 32602

Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.0



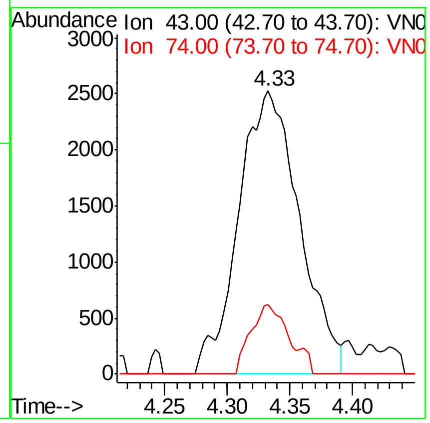


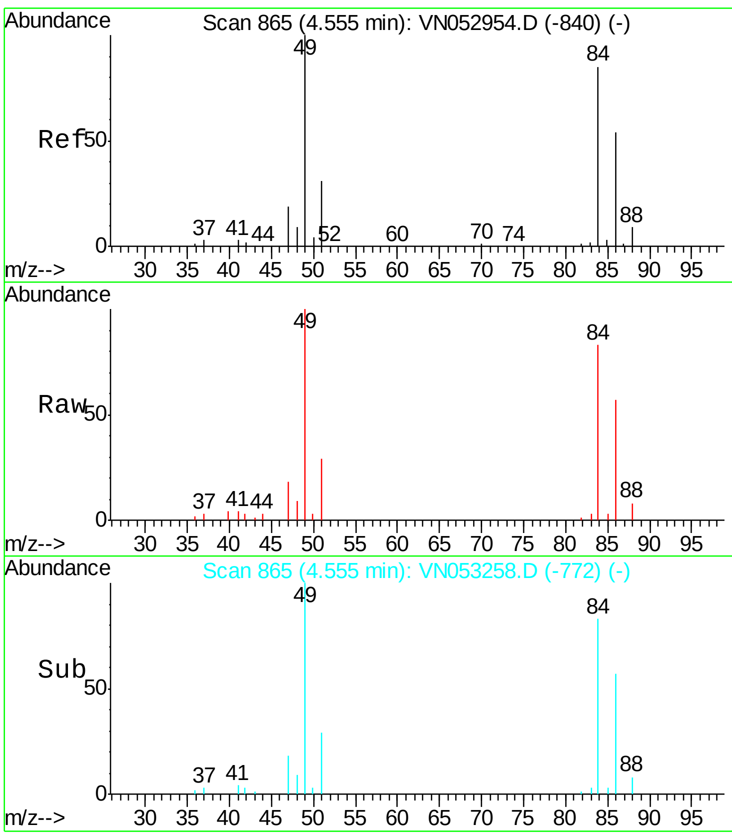
#18
Methyl Acetate
Concen: 1.755 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument : MSVOA_N
ClientSampleId : PB116111ZHE#03

Tgt Ion: 43 Resp: 8569

Ion	Ratio	Lower	Upper
43	100		
74	15.4	19.2	28.8#

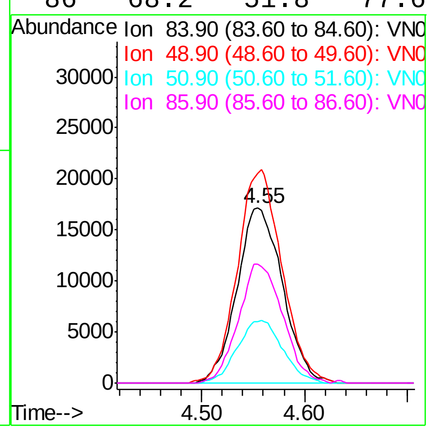


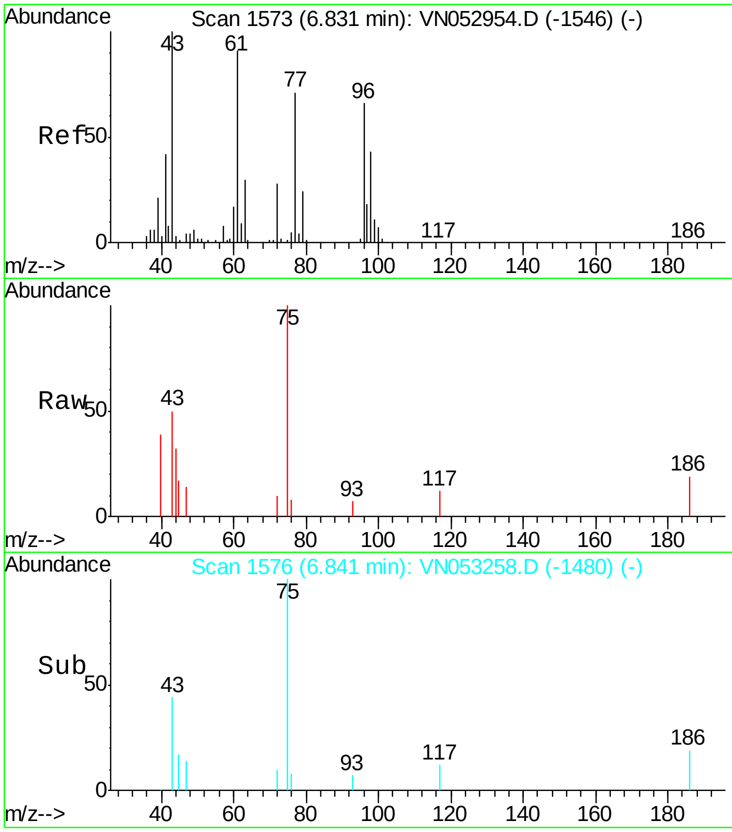


#20
Methylene Chloride
Concen: 3.995 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 84 Resp: 52828

Ion	Ratio	Lower	Upper
84	100		
49	119.8	96.8	145.2
51	35.3	29.9	44.9
86	68.2	51.8	77.6



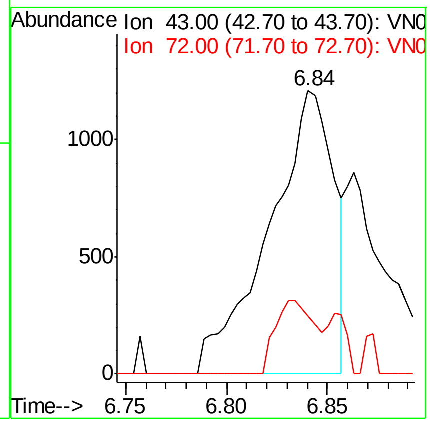


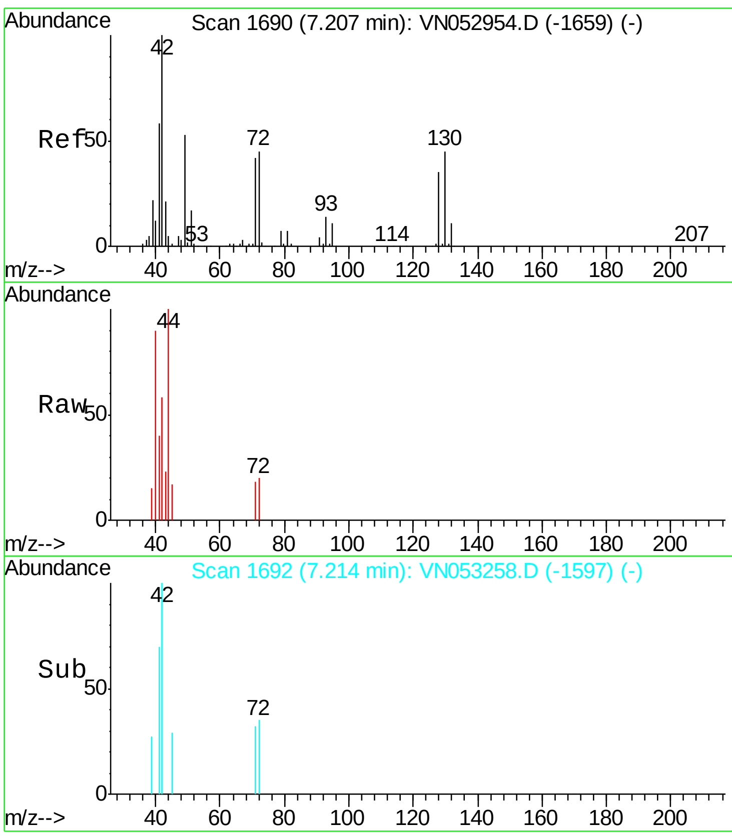
#25
2-Butanone
Concen: 0.656 ug/l
RT: 6.84 min   Scan# 1576
Delta R.T.   0.01 min
Lab File: VN053258.D
Acq: 3 Jan 2019   13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 43 Resp: 2668

Ion	Ratio	Lower	Upper
43	100		
72	20.6	21.0	31.6#

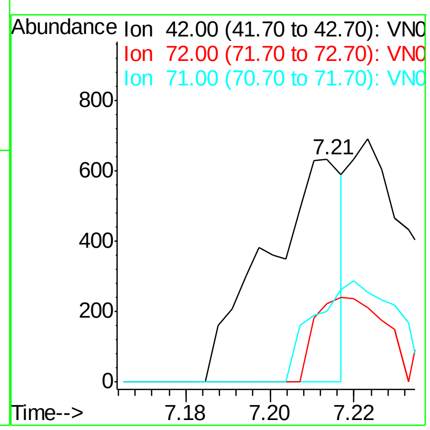




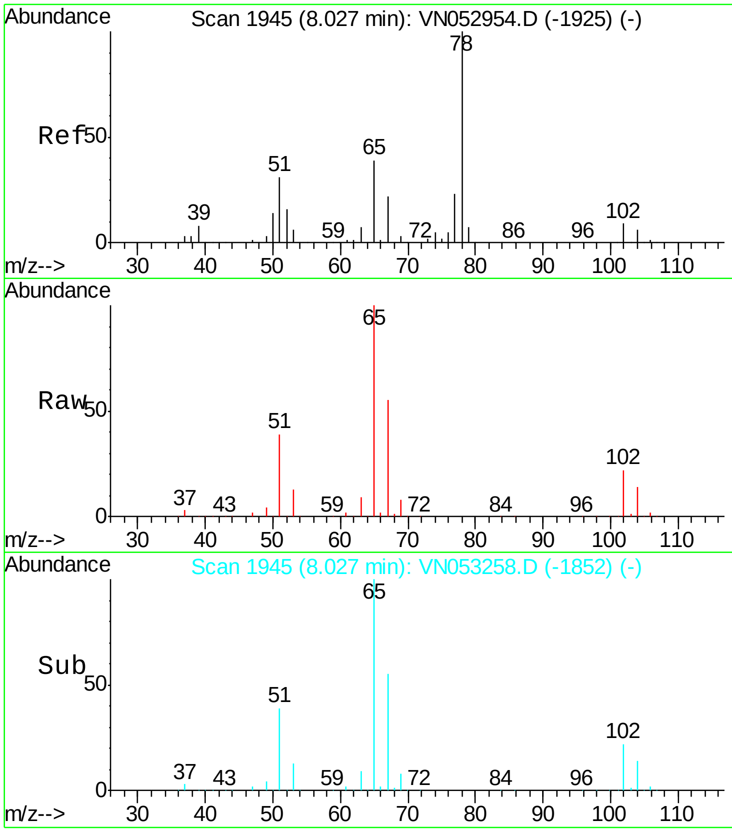
#29
Tetrahydrofuran
Concen: 0.260 ug/l
RT: 7.21 min   Scan# 1692
Delta R.T.   0.01 min
Lab File: VN053258.D
Acq: 3 Jan 2019   13:23

Tgt Ion: 42 Resp: 790

Ion	Ratio	Lower	Upper
42	100		
72	34.8	34.7	52.1
71	48.4	32.3	48.5



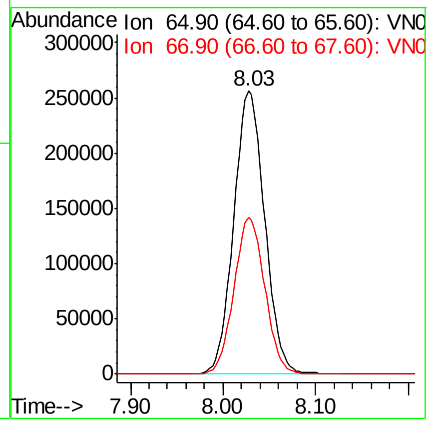
Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

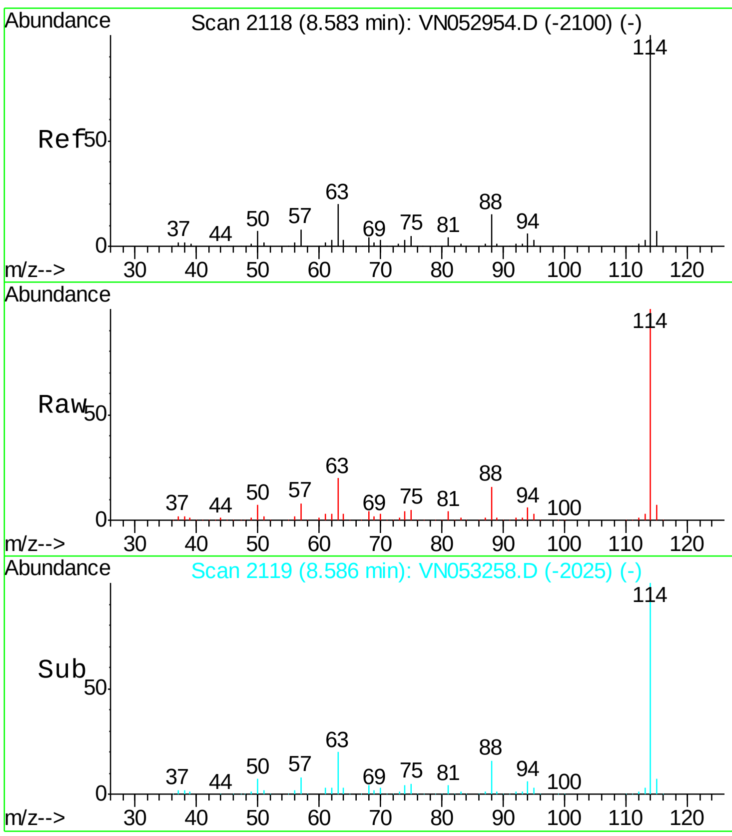


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min   Scan# 1945
Delta R.T.   -0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019   13:23

Tgt Ion: 65 Resp: 593542

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.4

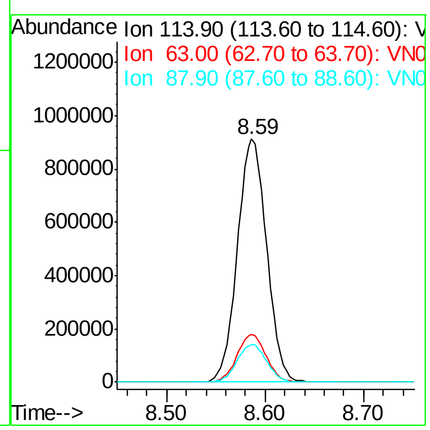


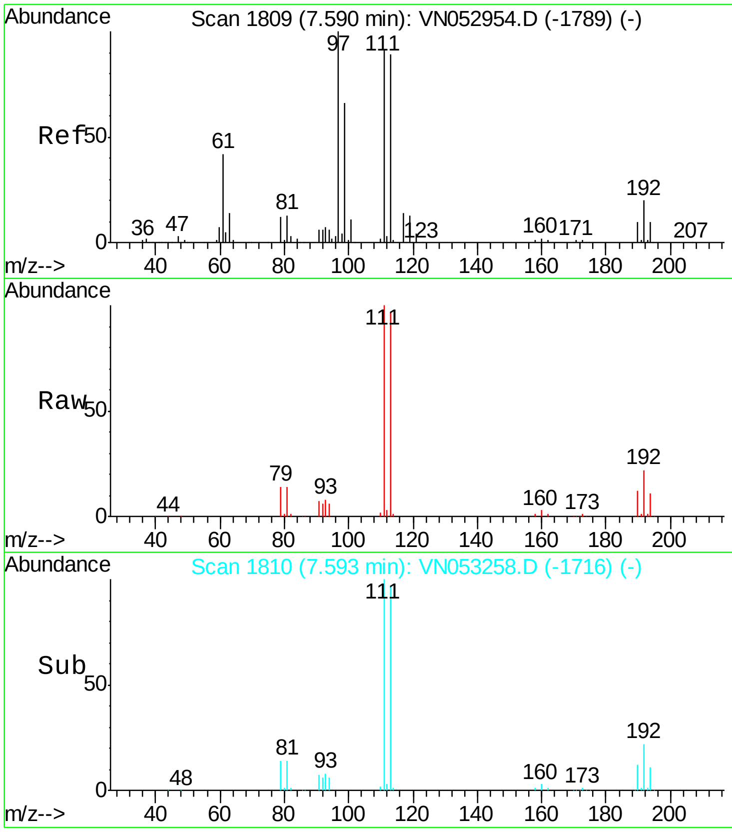


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min   Scan# 2119
Delta R.T.   0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019   13:23

Tgt Ion:114 Resp: 1878802

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.5	0.0	31.0



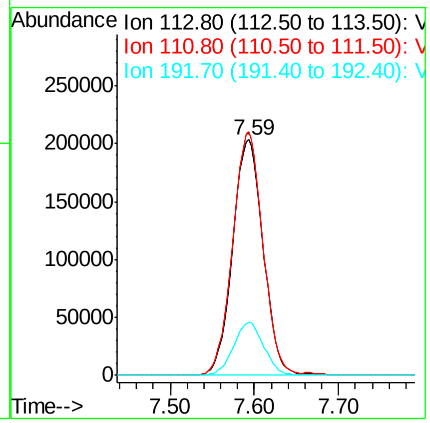


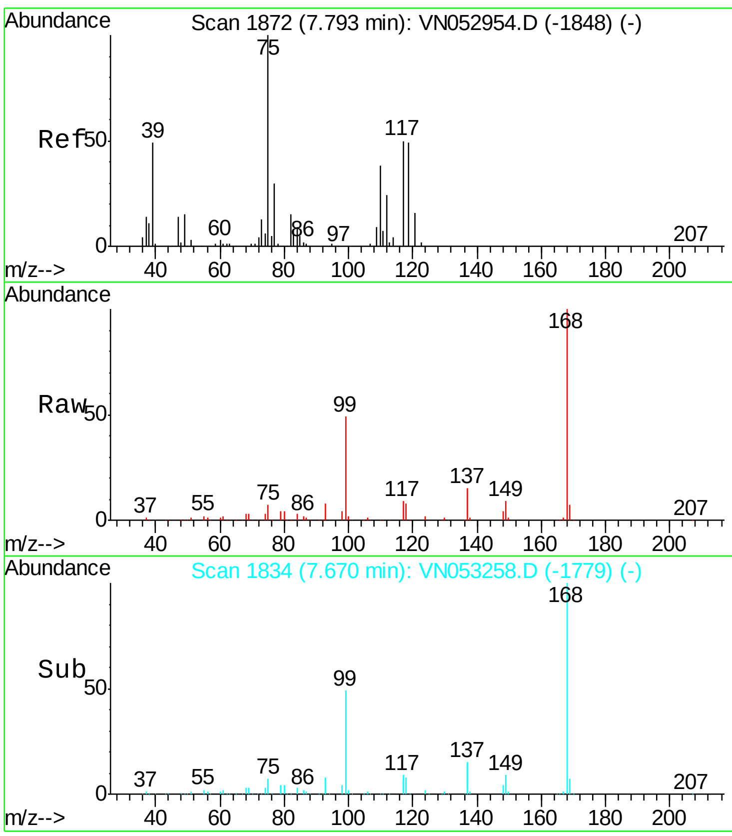
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion:113 Resp: 513391

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	22.2	17.5	26.3

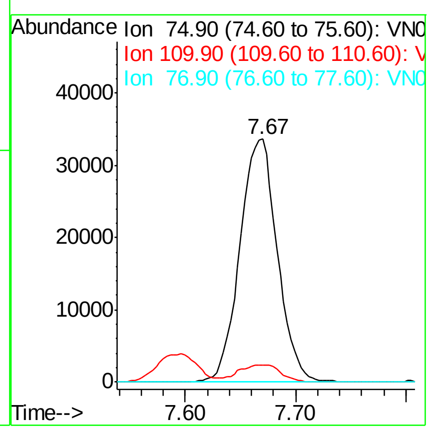


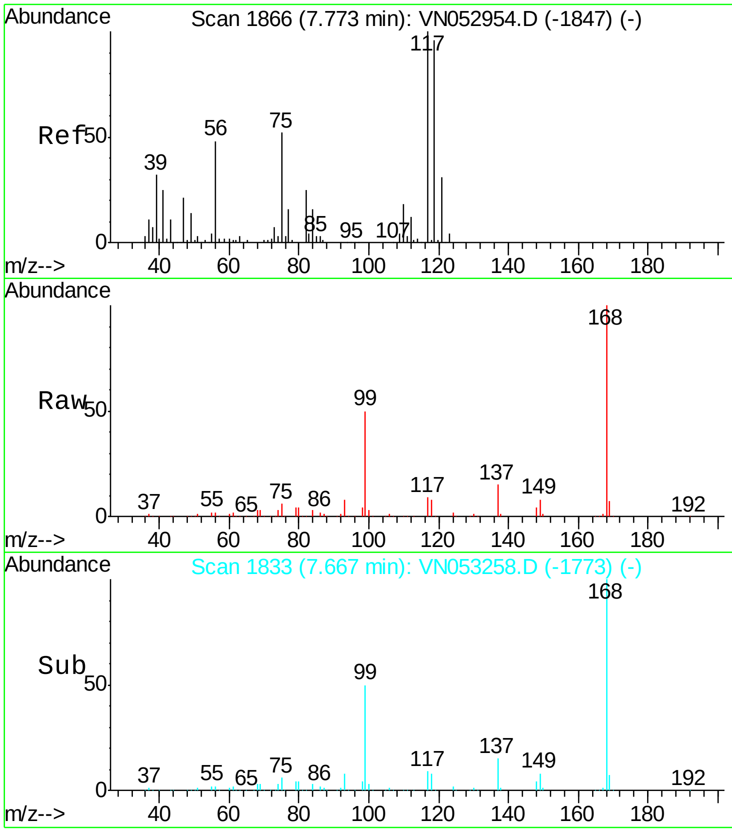


#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 75 Resp: 79092

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



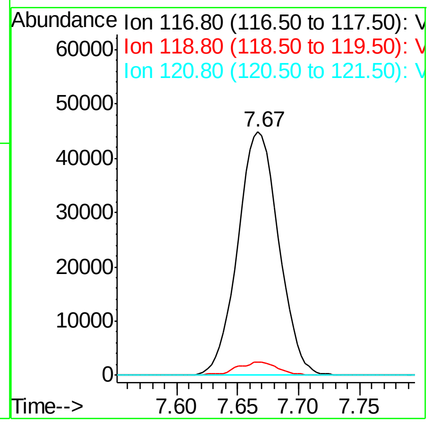


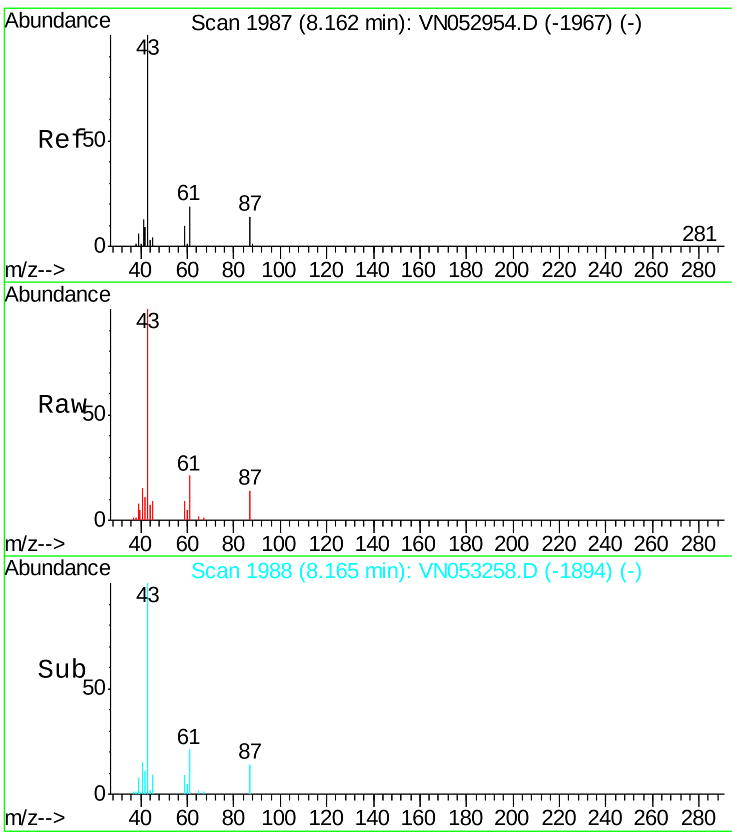
#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion:117 Resp: 104692

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.1	115.7#
121	0.0	24.9	37.3#

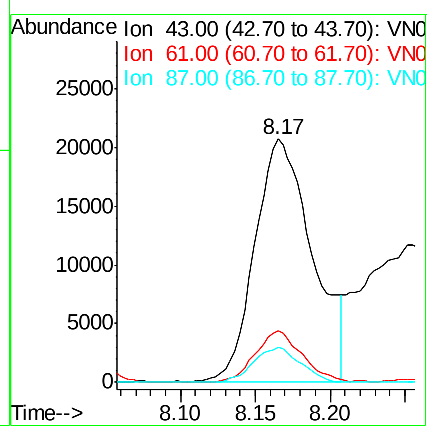


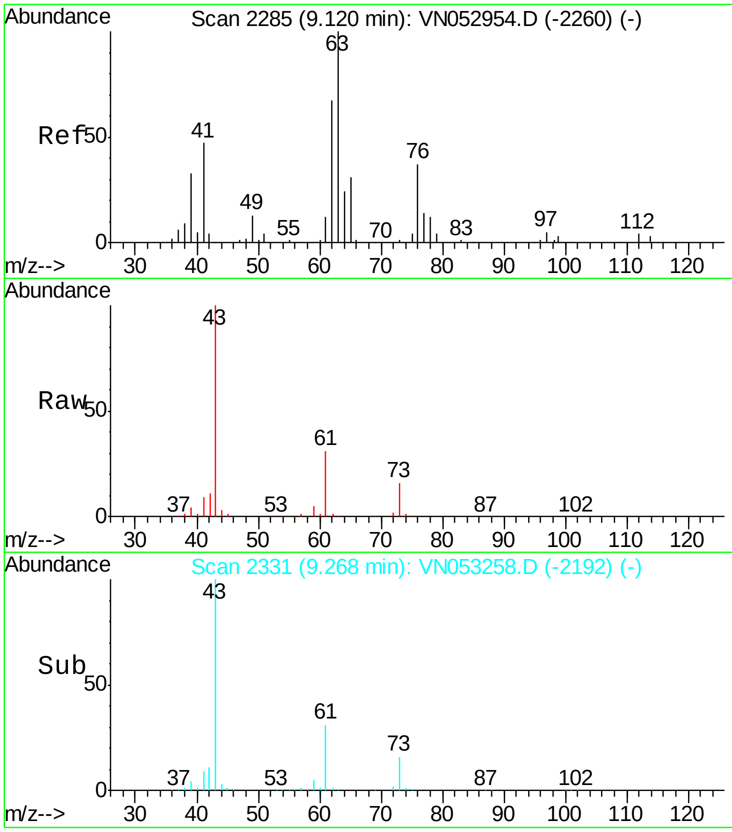


#43
Isopropyl Acetate
Concen: 1.842 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 43 Resp: 55478

Ion	Ratio	Lower	Upper
43	100		
61	17.2	22.9	34.3#
87	11.7	10.6	15.8



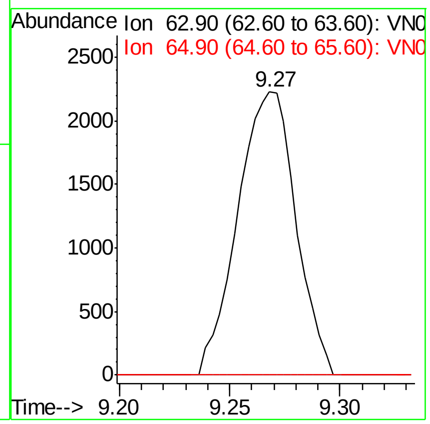


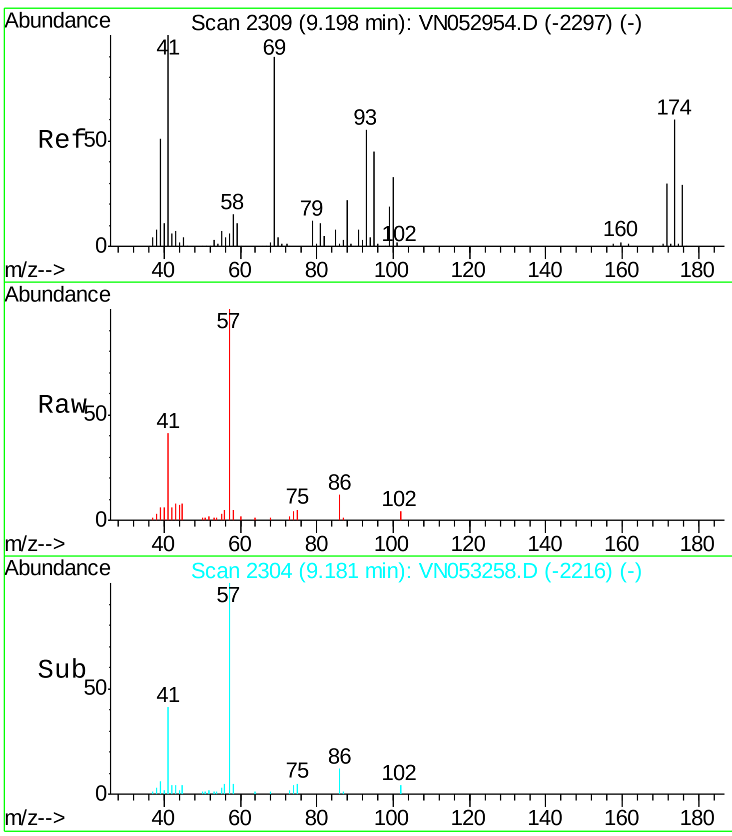
#45
1,2-Dichloropropane
Concen: 0.292 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 63 Resp: 4085

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

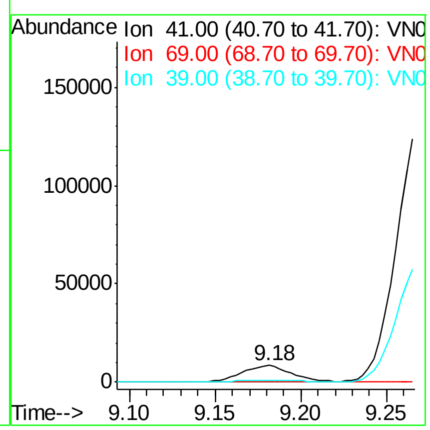


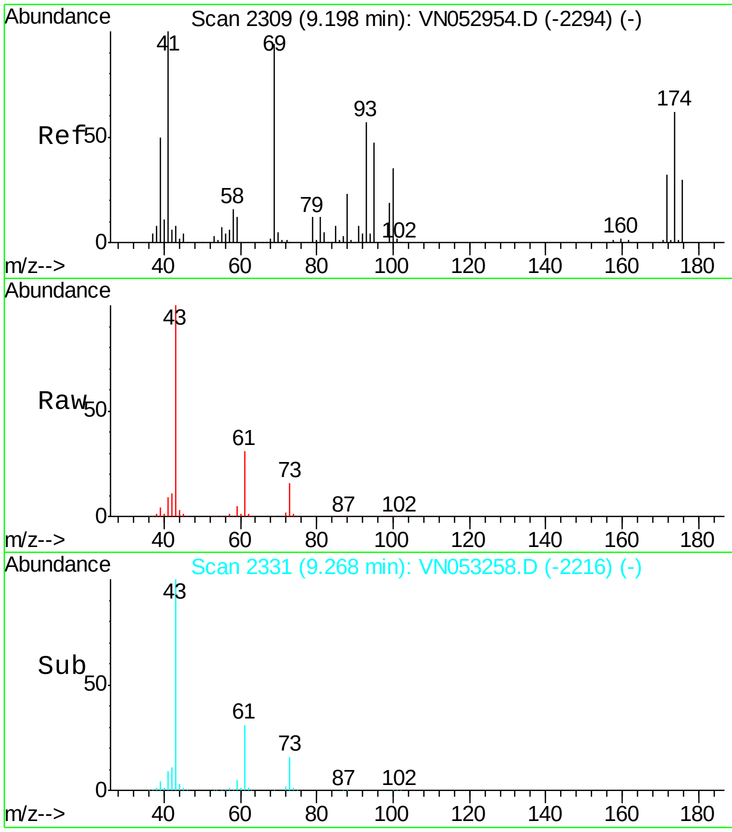


#48
Methyl methacrylate
Concen: 1.678 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 41 Resp: 16390

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



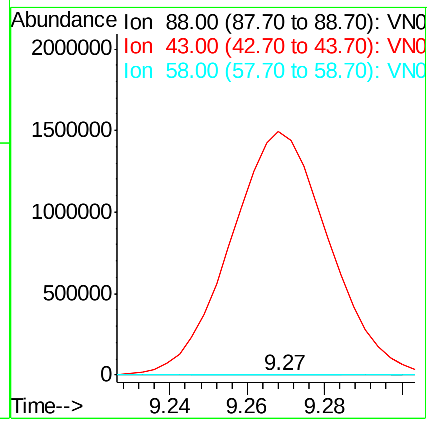


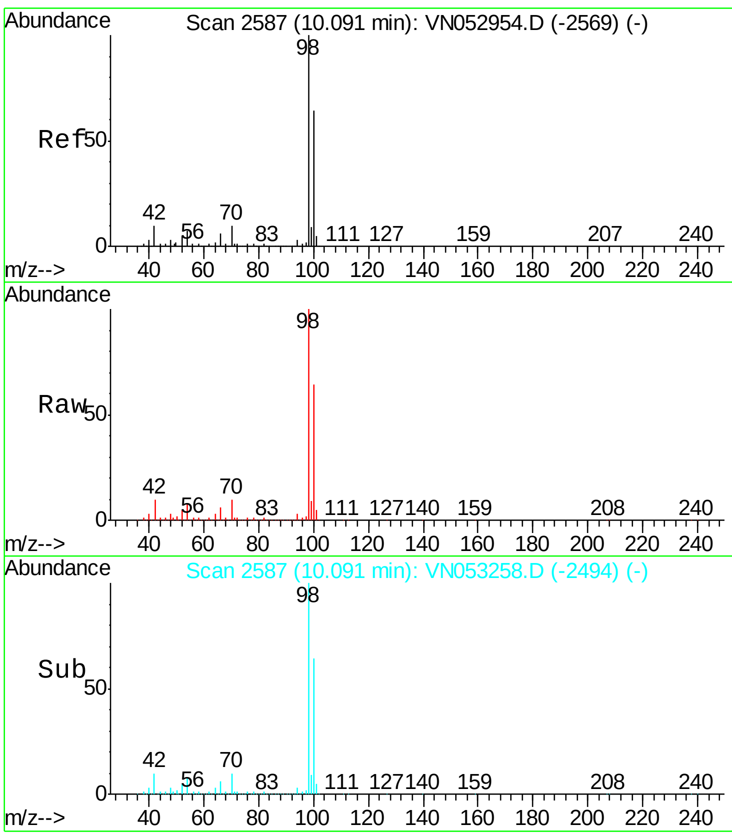
#49
1,4-Dioxane
Concen: 4.119 ug/l
RT: 9.27 min   Scan# 2331
Delta R.T.   0.07 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 88 Resp: 509

Ion	Ratio	Lower	Upper
88	100		
43	524734.4	26.6	40.0#
58	2394.9	58.4	87.6#

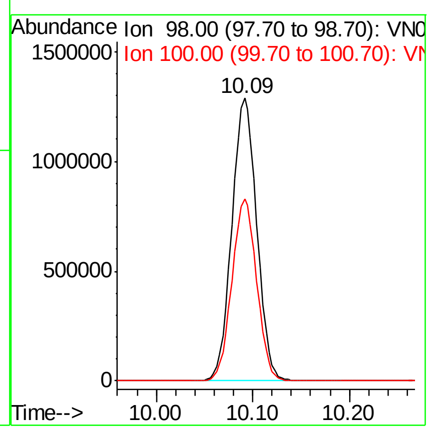


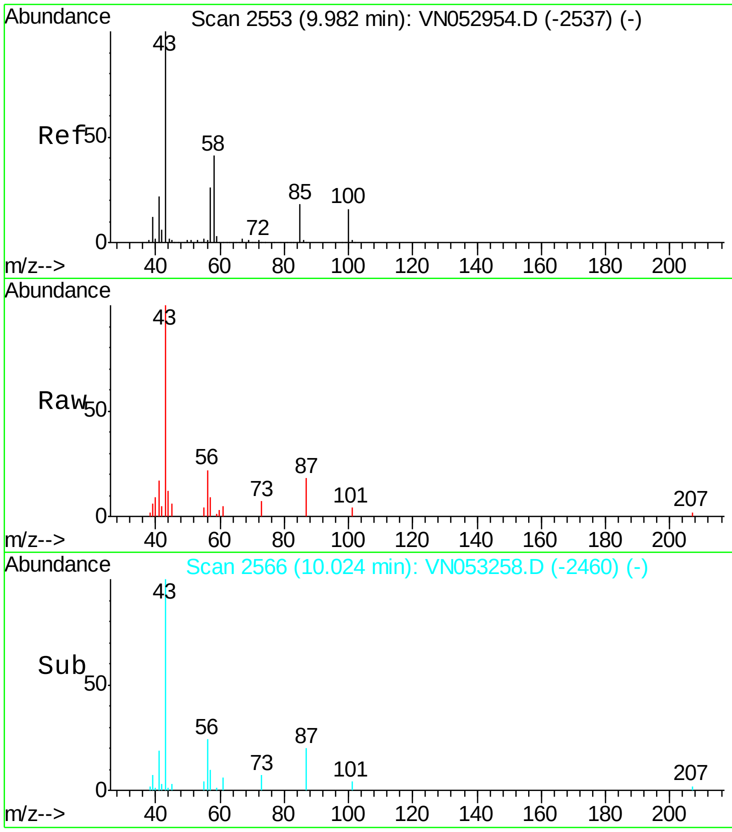


#50
Toluene-d8
Concen: 4.119 ug/l
RT: 10.09 min   Scan# 2587
Delta R.T.   -0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 98 Resp: 2303854

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4



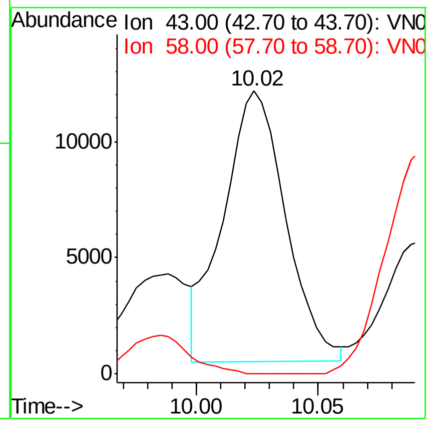


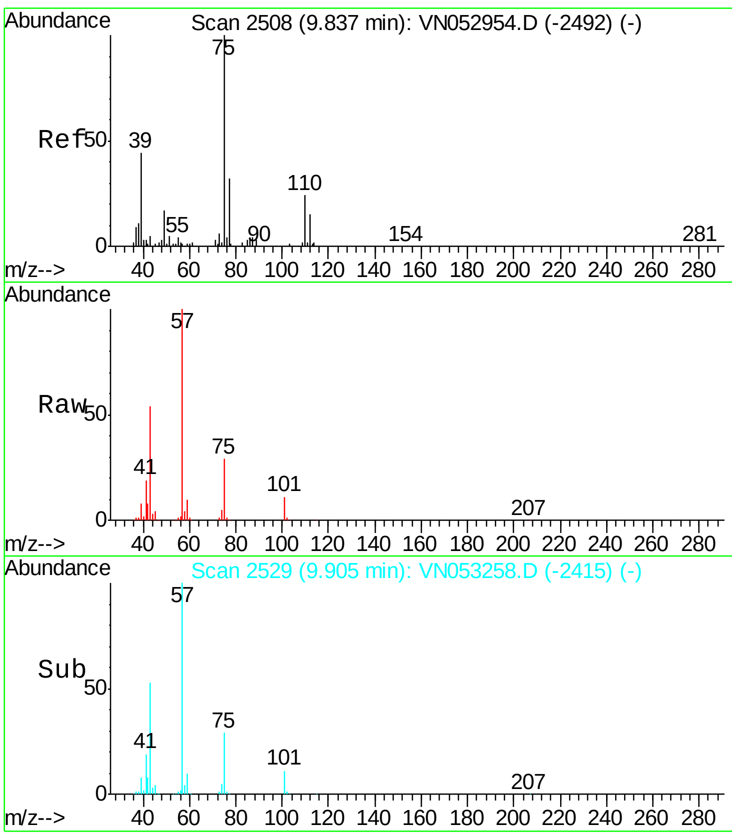
#51
4-Methyl-2-Pentanone
Concen: 2.119 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 43 Resp: 20656

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#

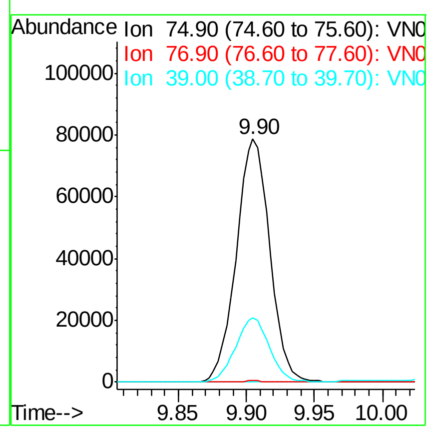


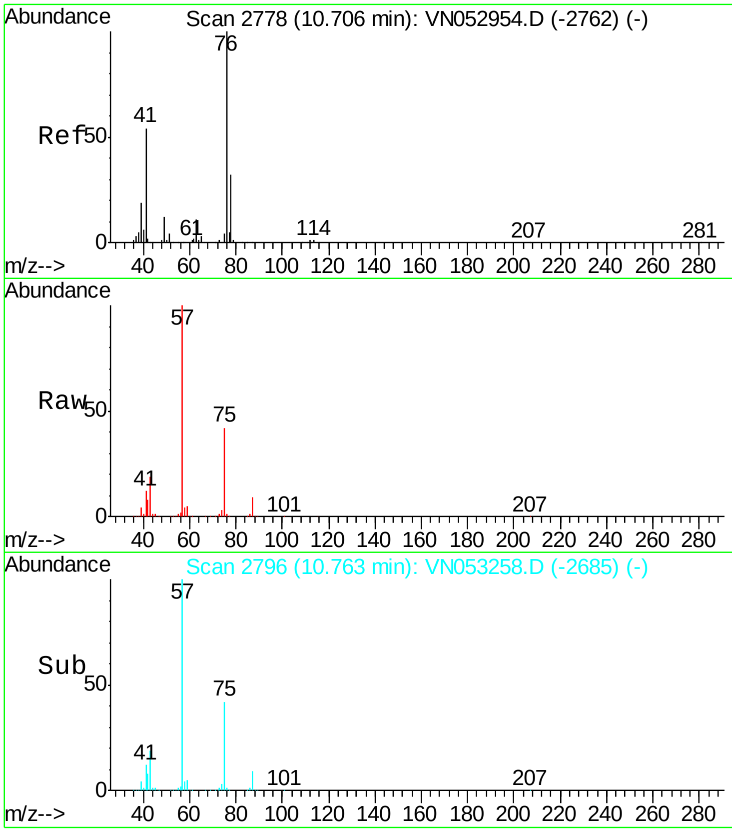


#54
cis-1,3-Dichloropropene
Concen: 6.442 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 75 Resp: 134521

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.8#
39	26.6	34.8	52.2#



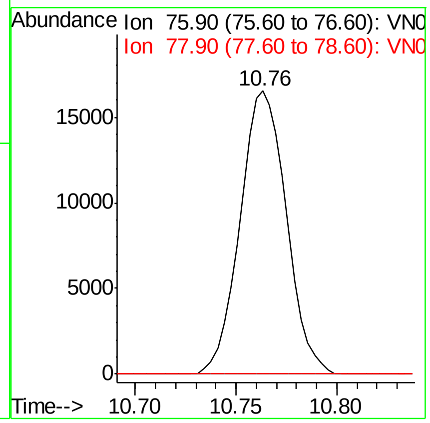


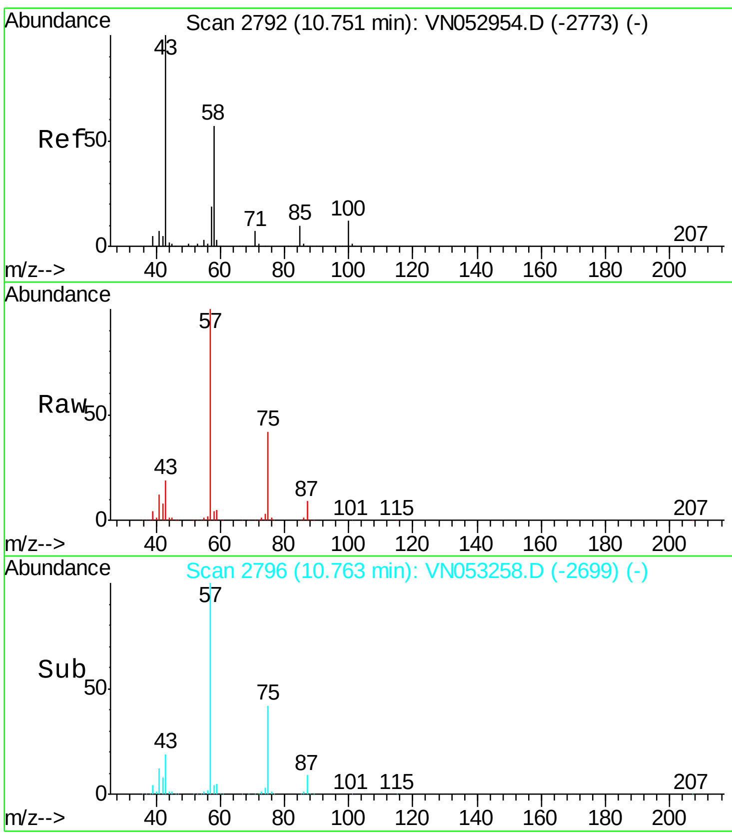
#57
1,3-Dichloropropane
Concen: 1.337 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 76 Resp: 26589

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

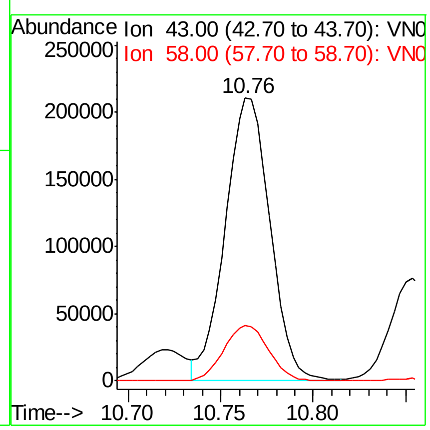


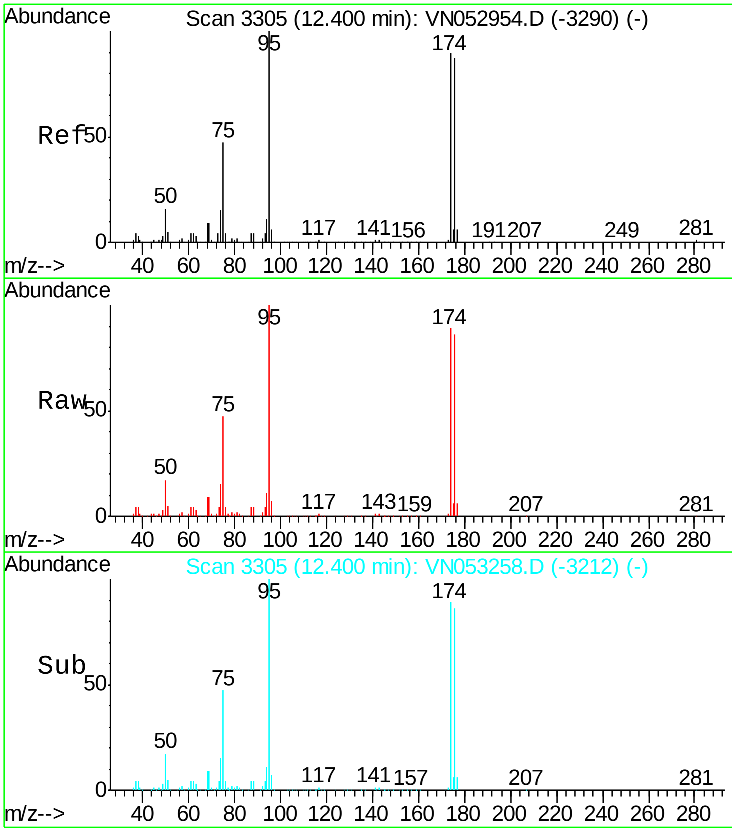


#59
2-Hexanone
Concen: 53.206 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 43 Resp: 350953

Ion	Ratio	Lower	Upper
43	100		
58	19.8	28.1	84.3#



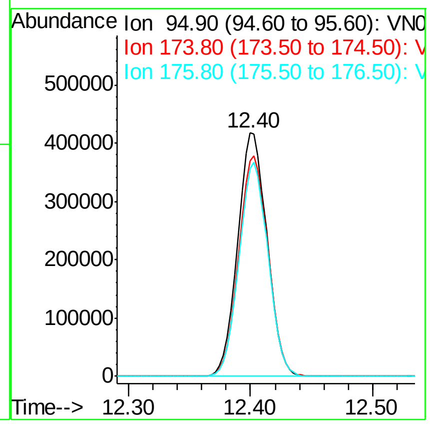


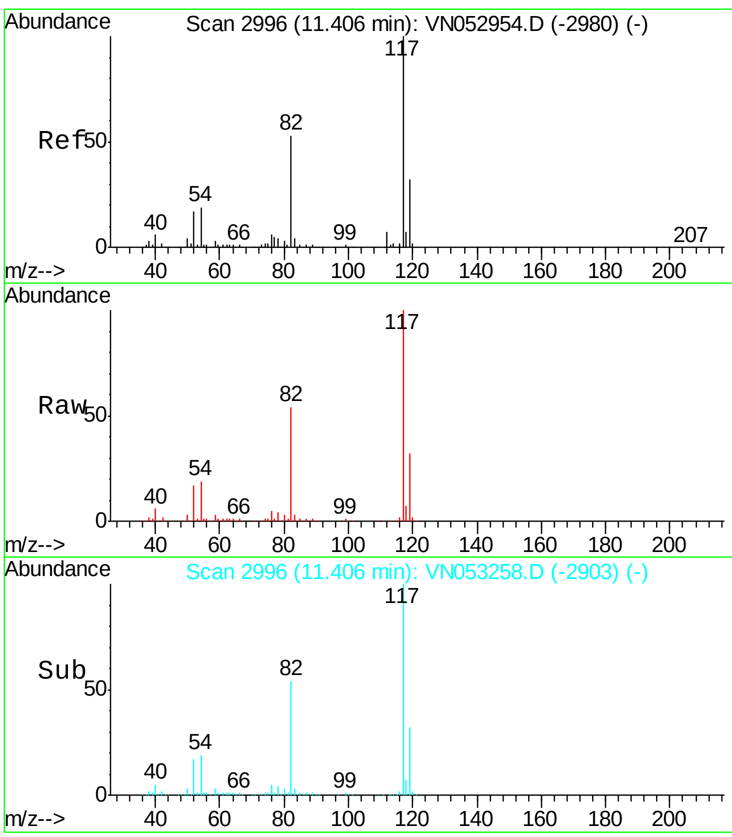
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min   Scan# 3305
Delta R.T.   -0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 95 Resp: 694912

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	178.8
176	87.0	0.0	173.8

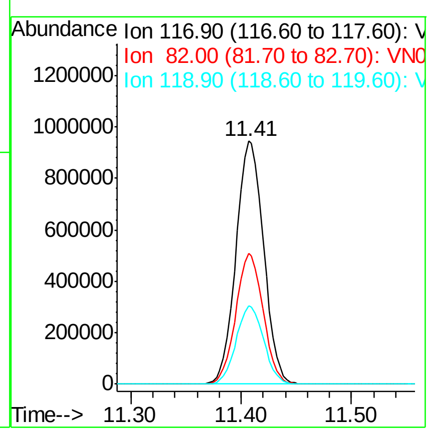


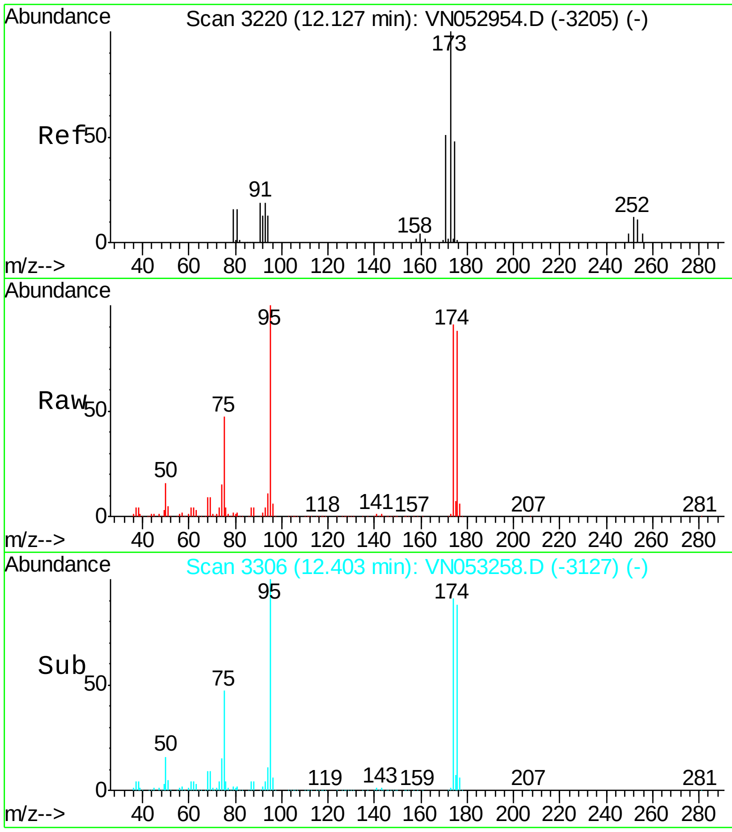


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min   Scan# 2996
Delta R.T.   -0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion:117 Resp: 1645593

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.8	64.2
119	32.0	25.5	38.3



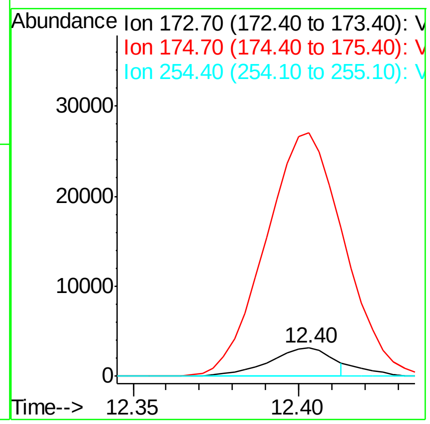


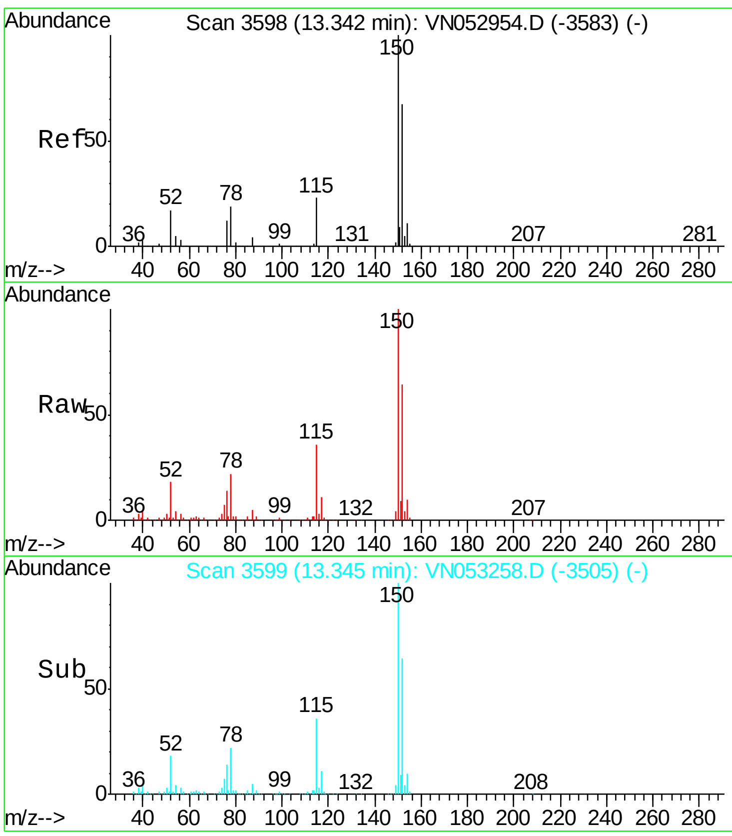
#71
Bromoform
Concen: 0.449 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion:173 Resp: 4115

Ion	Ratio	Lower	Upper
173	100		
175	941.7	24.3	72.9#
254	0.0	0.1	0.1#

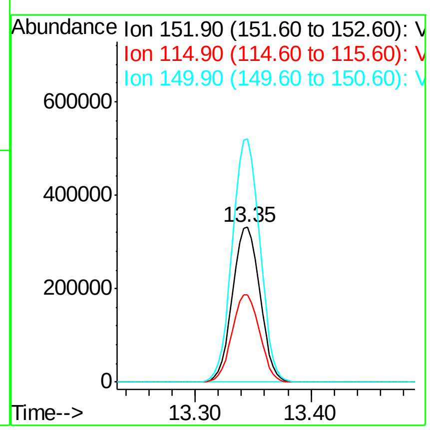


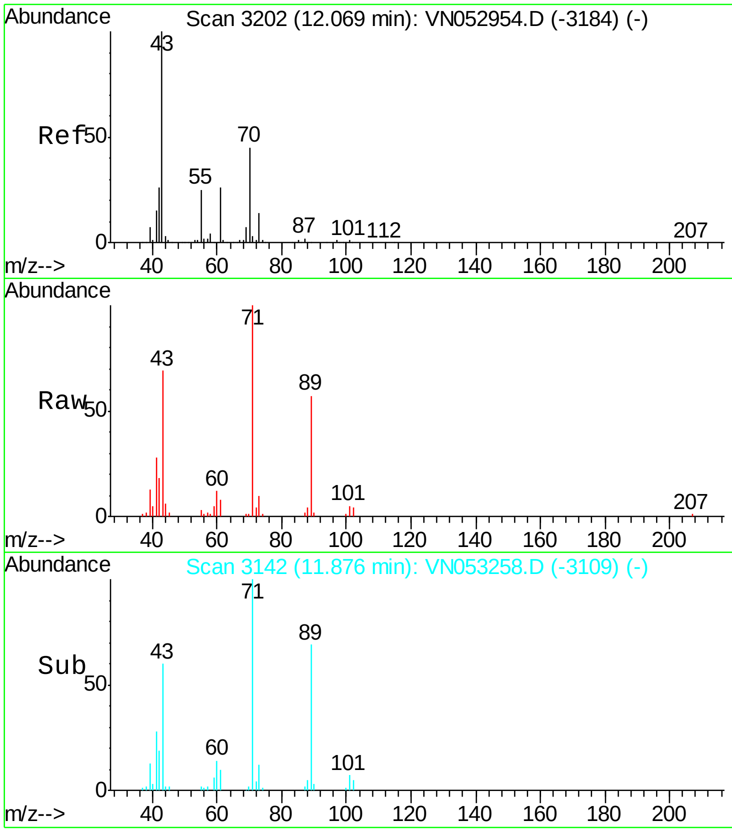


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion:152 Resp: 544880

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	85.0
150	157.6	0.0	347.8



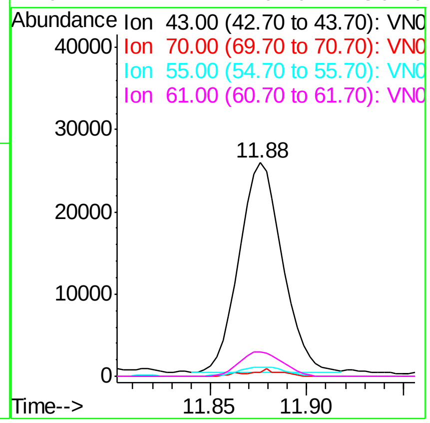


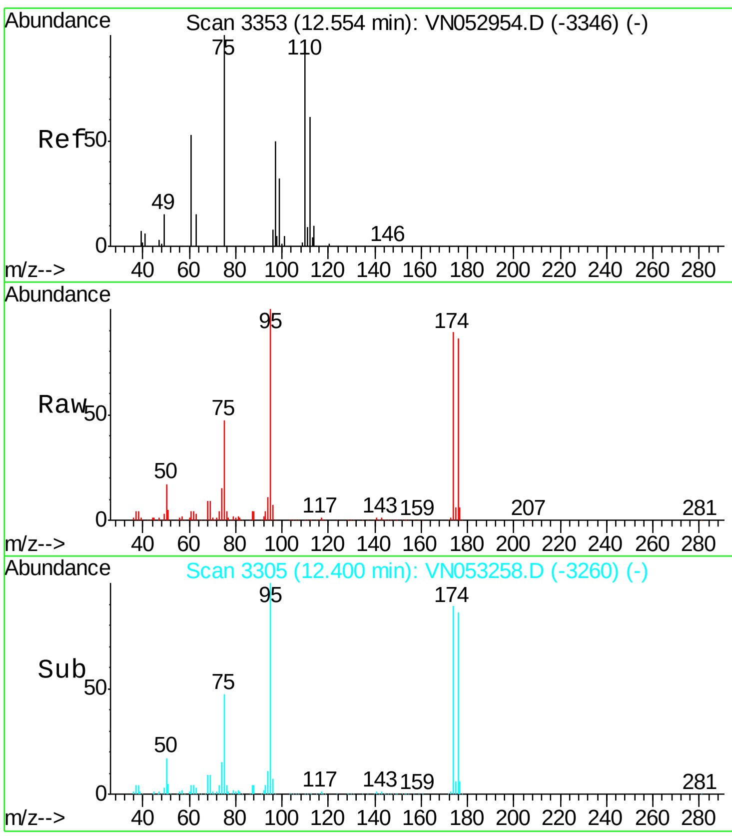
#74
N-amyl acetate
Concen: 3.348 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 43 Resp: 39625

Ion	Ratio	Lower	Upper
43	100		
70	1.8	34.2	51.4#
55	4.9	20.3	30.5#
61	11.7	20.0	30.0#

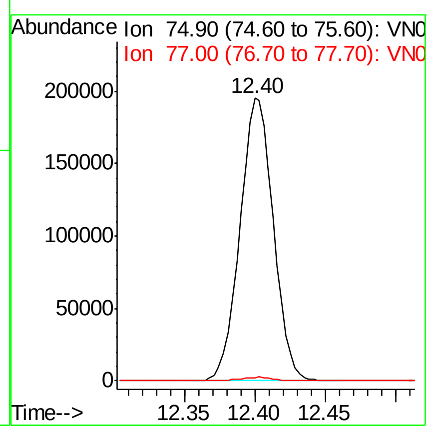


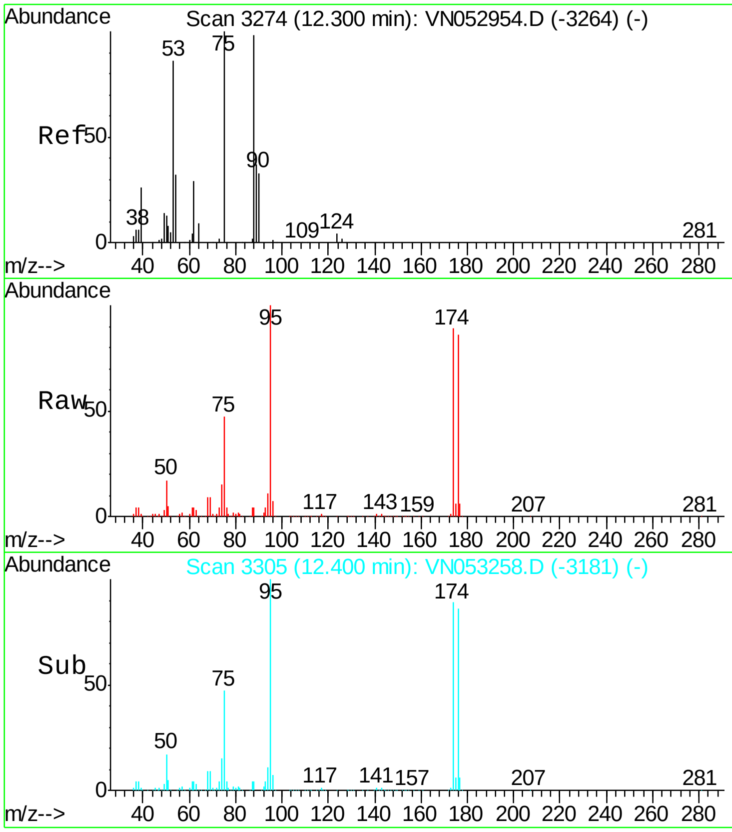


#76
1,2,3-Trichloropropane
Concen: 35.307 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion: 75 Resp: 323855

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



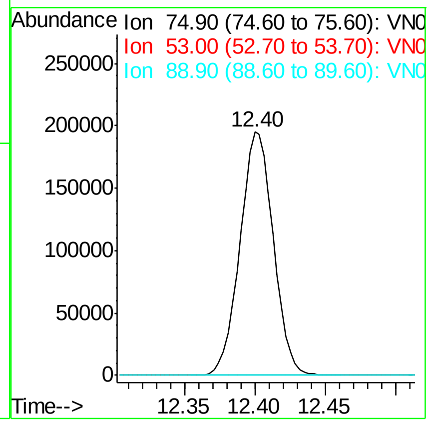


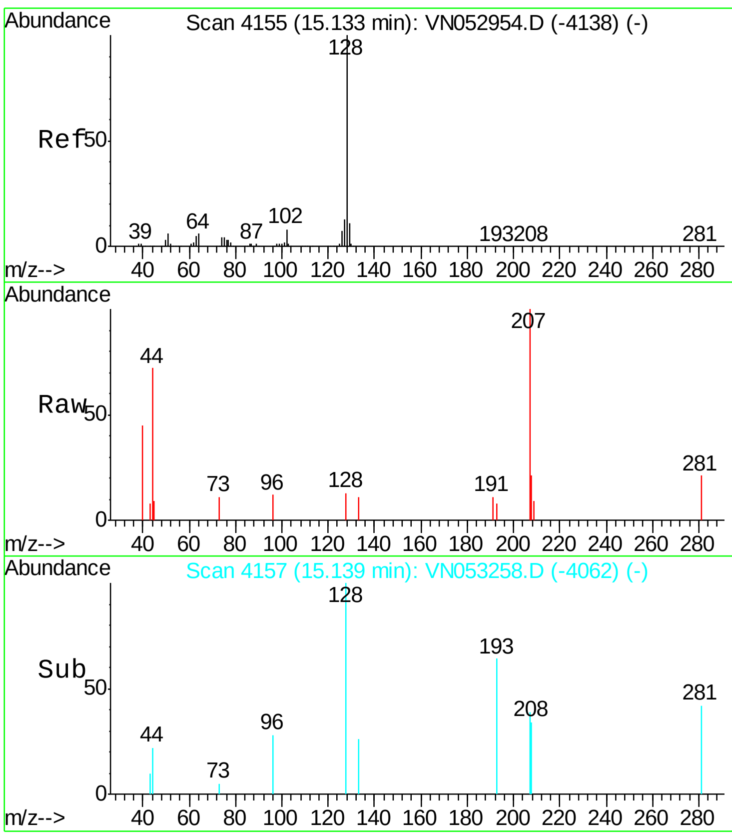
#81
trans-1,4-Dichloro-2-butene
Concen: 113.799 ug/l
RT: 12.40 min Scan# 3305
Delta R.T.   0.10 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#03

Tgt Ion: 75 Resp: 323855

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#





#95
Naphthalene
Concen: 1.167 ug/l
RT: 15.14 min Scan# 4157
Delta R.T.   0.01 min
Lab File: VN053258.D
Acq: 3 Jan 2019 13:23

Tgt Ion:128 Resp: 441

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	13.0#