Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058115.D
Acq On : 16 Sep 2019 13:56
Operator : JC/SP
Sample : K4719-25
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T4-4-(1.5)-BRUCKNER

Quant Time: Sep 17 03:50:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	312262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	247060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357986	56.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.20%			
35) Dibromofluoromethane	7.58	113	243319	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.14%			
50) Toluene-d8	10.09	98	956824	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.46%			
62) 4-Bromofluorobenzene	12.40	95	322750	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.58%			
Target Compounds						Qvalue
5) Bromomethane	2.56	94	148	Below Cal		89
16) Acetone	3.80	43	24447	11.791	ug/l	91
18) Methyl Acetate	4.30	43	3102	0.561	ug/l	98
20) Methylene Chloride	4.53	84	14640	2.541	ug/l	96
25) 2-Butanone	6.83	43	1047	0.349	ug/l	92
29) Tetrahydrofuran	7.21	42	1009	0.546	ug/l	93
31) Cyclohexane	7.65	56	7839	Below Cal	#	19
36) 1,1-Dichloropropene	7.65	75	26249	4.385	ug/l #	51
38) Carbon Tetrachloride	7.65	117	32052	5.864	ug/l #	16
41) Methacrylonitrile	7.20	41	903	0.322	ug/l #	34
43) Isopropyl Acetate	8.16	43	120162	11.553	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	1568	0.299	ug/l #	44
48) Methyl methacrylate	9.18	41	5398	1.023	ug/l #	13
49) 1,4-Dioxane	9.25	88	30	0.336	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7899	1.283	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	43872	5.963	ug/l #	67
56) Ethyl methacrylate	10.54	69	2152	0.297	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	5322	0.642	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	687	0.201	ug/l #	50
59) 2-Hexanone	10.76	43	90776	19.676	ug/l #	52
71) Bromoform	12.41	173	773	0.292	ug/l #	1
74) N-amyl acetate	12.04	43	4701	0.563	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	174725	31.263	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	174725	110.014	ug/l #	6
95) Naphthalene	15.14	128	1543	Below Cal	#	75
96) 1,2,3-Trichlorobenzene	15.29	180	31	1.004	ug/l #	1

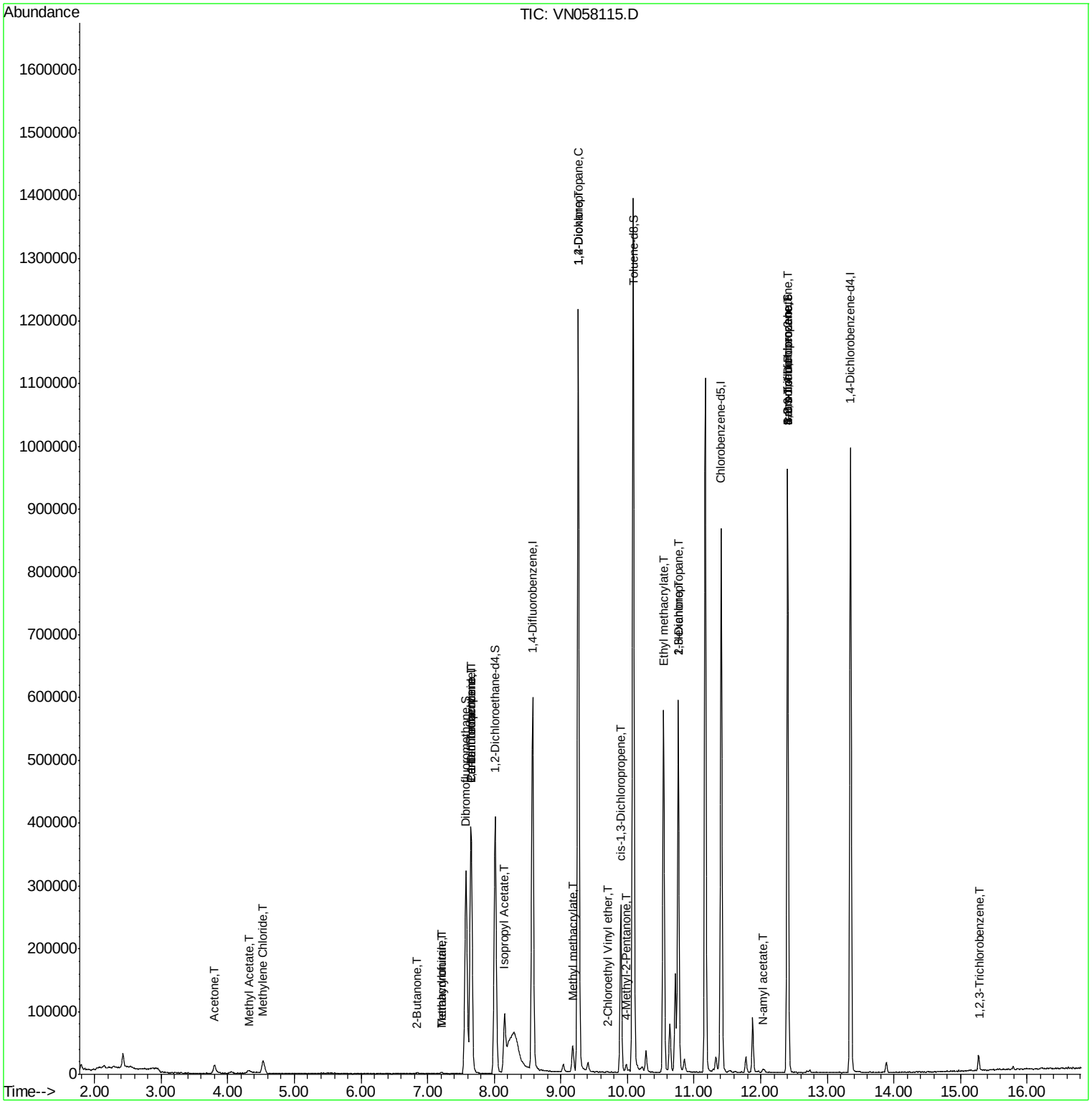
(#) = qualifier out of range (m) = manual integration (+) = signals summed

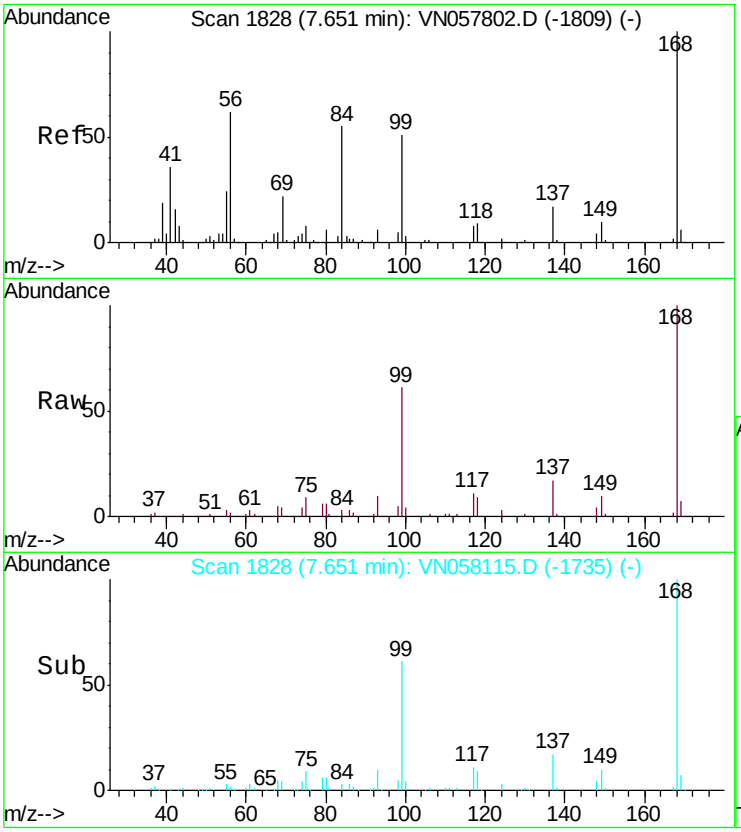
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058115.D
Acq On : 16 Sep 2019 13:56
Operator : JC/SP
Sample : K4719-25
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Quant Time: Sep 17 03:50:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration



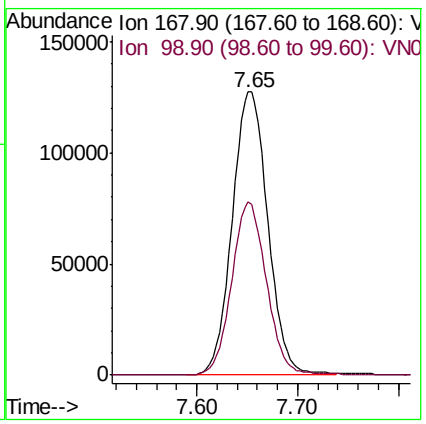


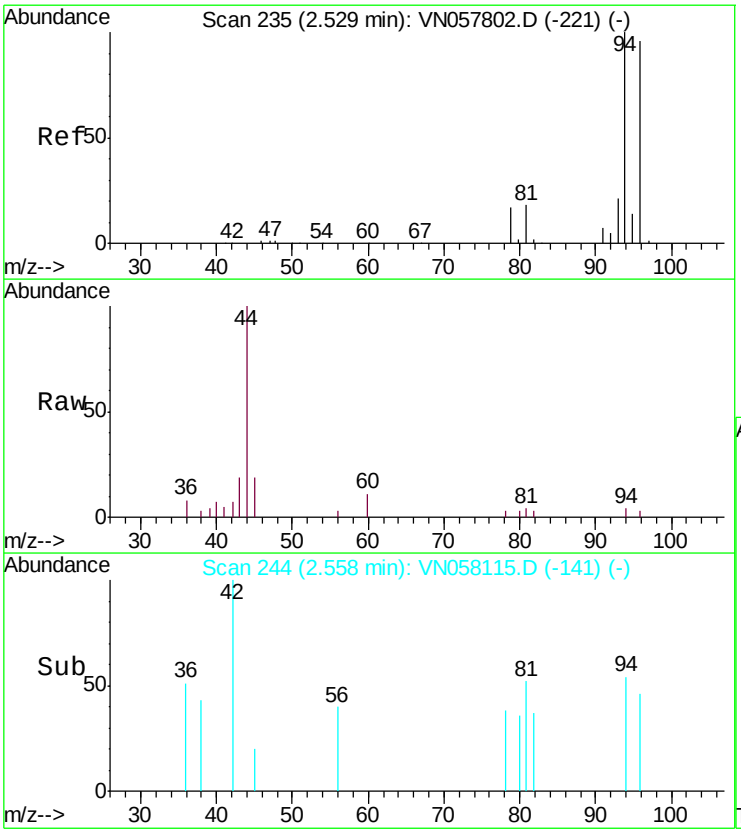
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:168 Resp: 312262

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.0	72.0

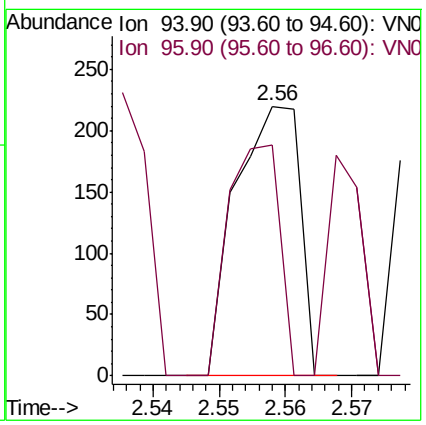


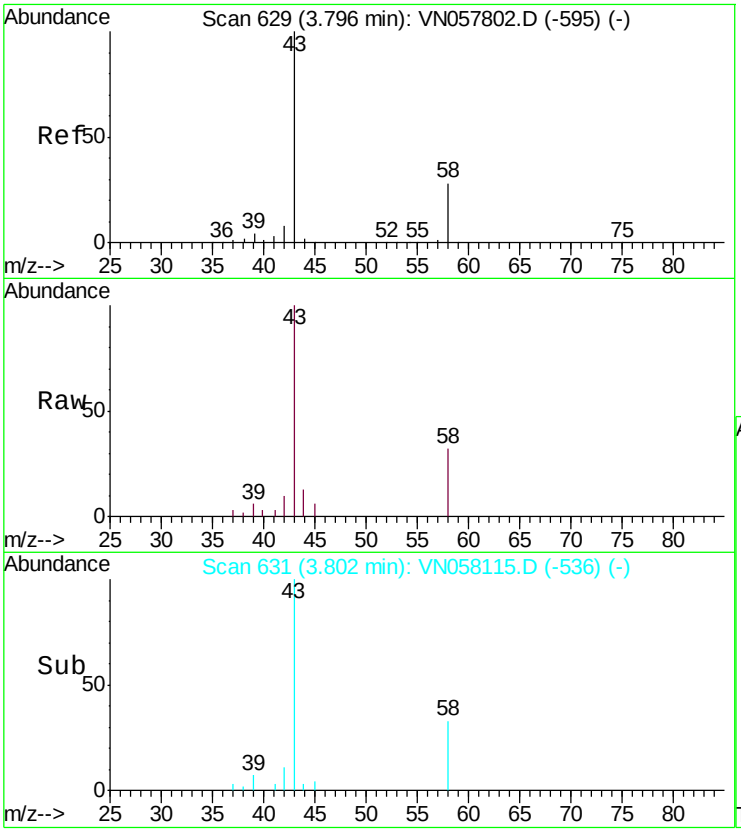


#5
Bromomethane
Concen: Below Cal
RT: 2.56 min Scan# 244
Delta R.T. 0.03 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 94 Resp: 148

Ion	Ratio	Lower	Upper
94	100		
96	85.5	77.0	115.4



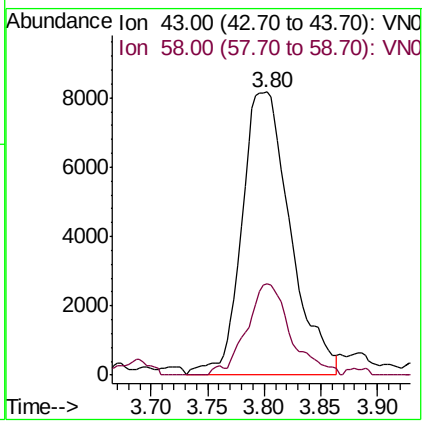


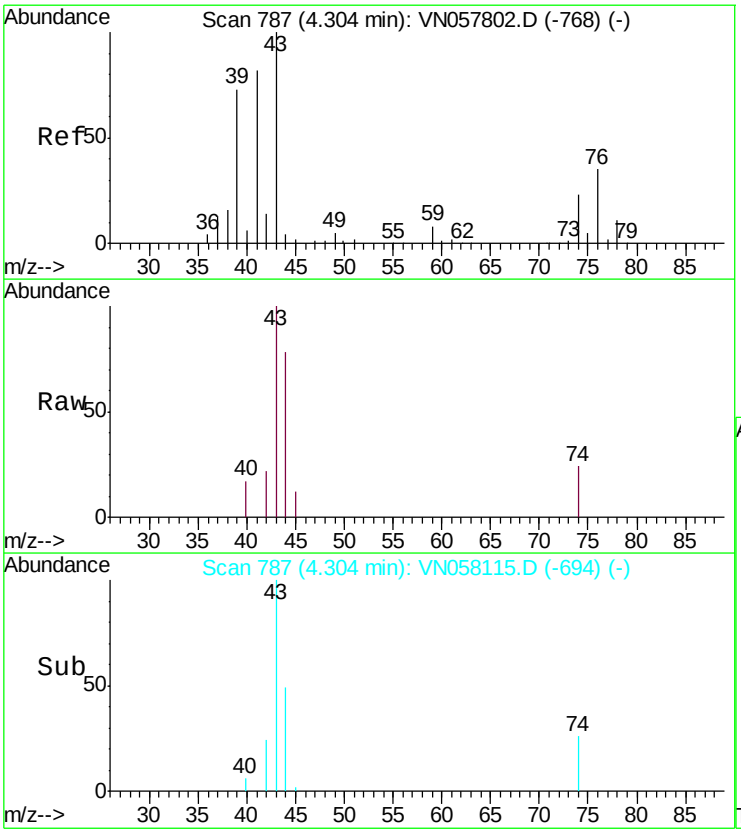
#16
Acetone
Concen: 11.791 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 43 Resp: 24447

Ion	Ratio	Lower	Upper
43	100		
58	32.2	22.2	33.2

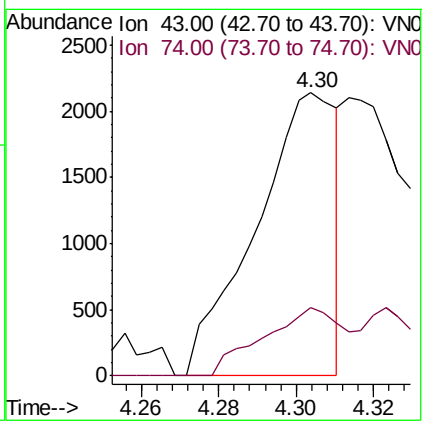


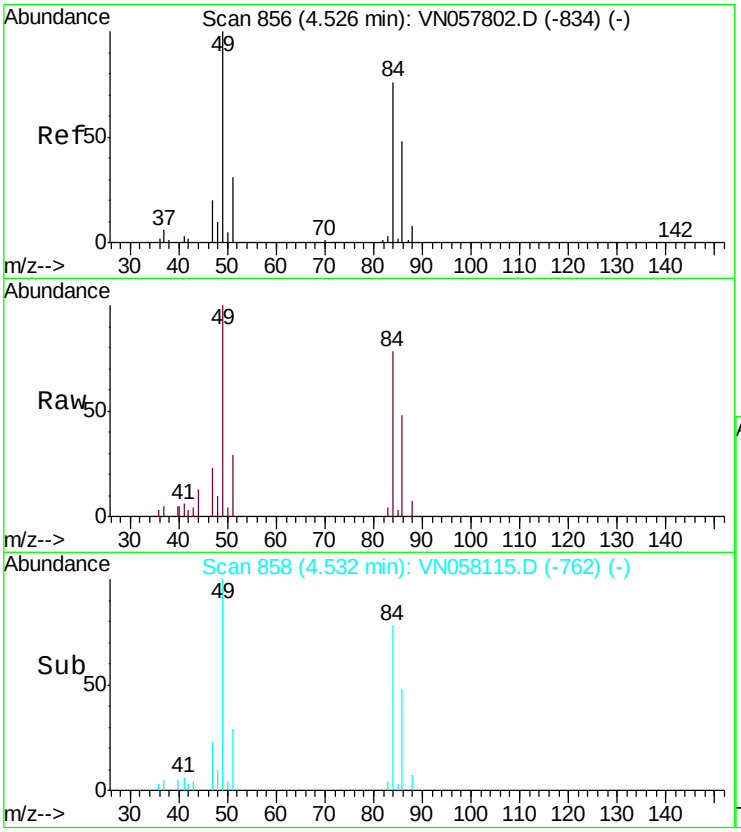


#18
Methyl Acetate
Concen: 0.561 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 3102

Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.9	26.9



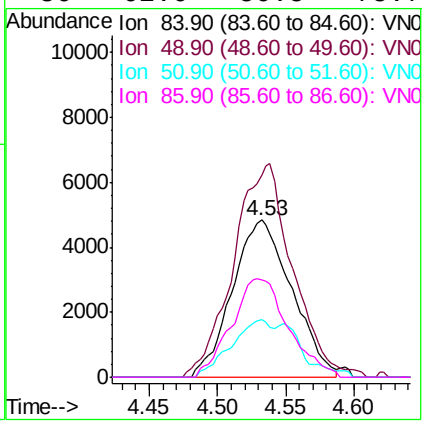


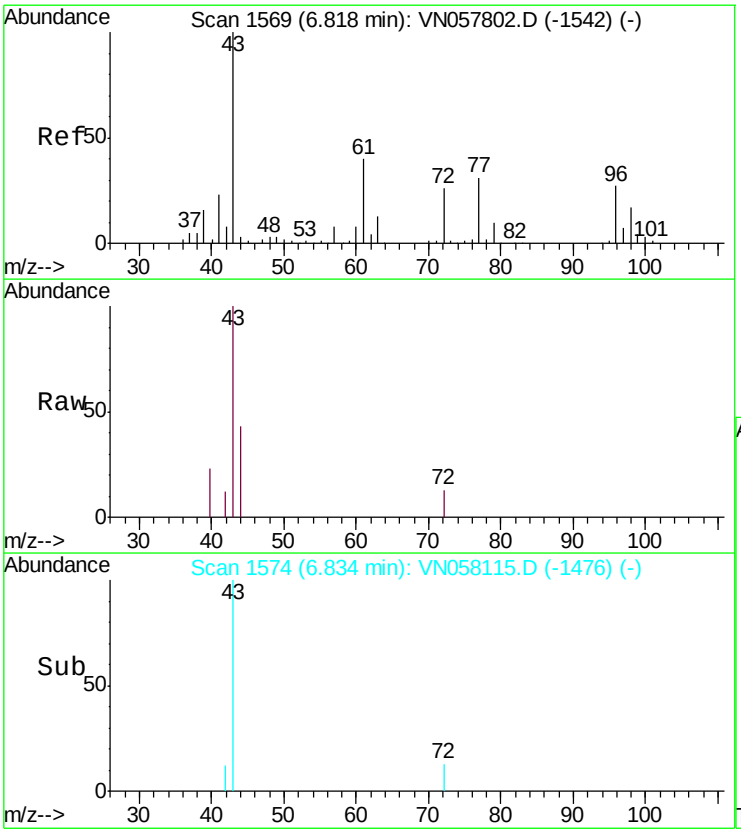
#20
Methylene Chloride
Concen: 2.541 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 84 Resp: 14640

Ion	Ratio	Lower	Upper
84	100		
49	125.4	104.8	157.2
51	36.7	33.0	49.4
86	62.0	50.5	75.7

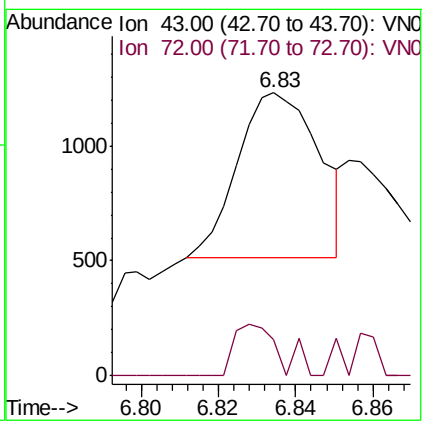


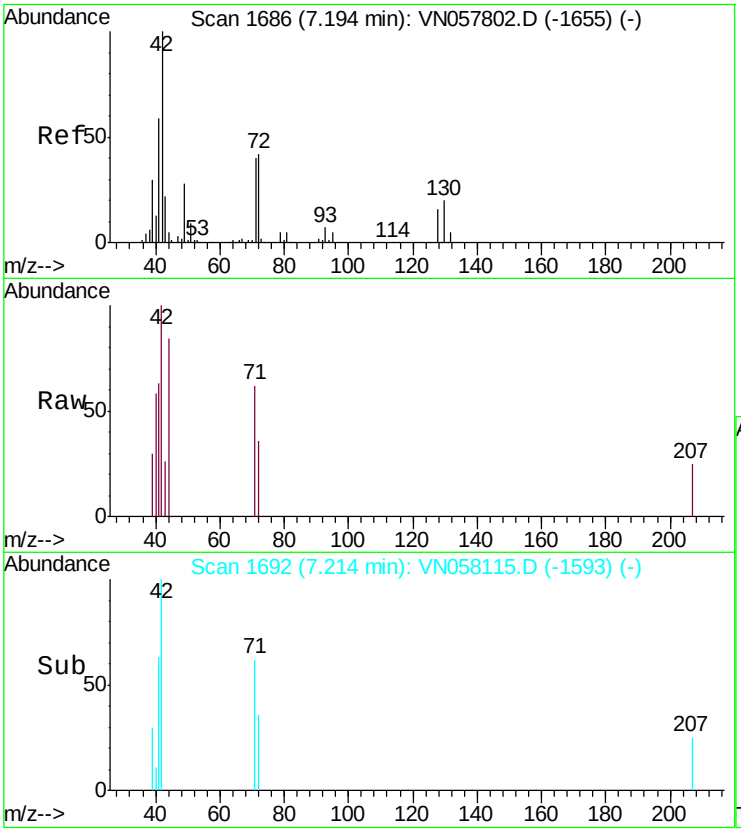


#25
2-Butanone
Concen: 0.349 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 1047

Ion	Ratio	Lower	Upper
43	100		
72	21.8	20.6	30.8



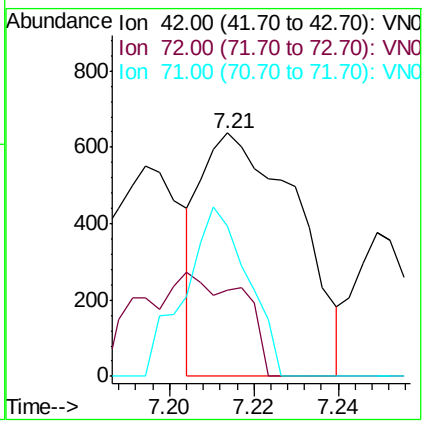


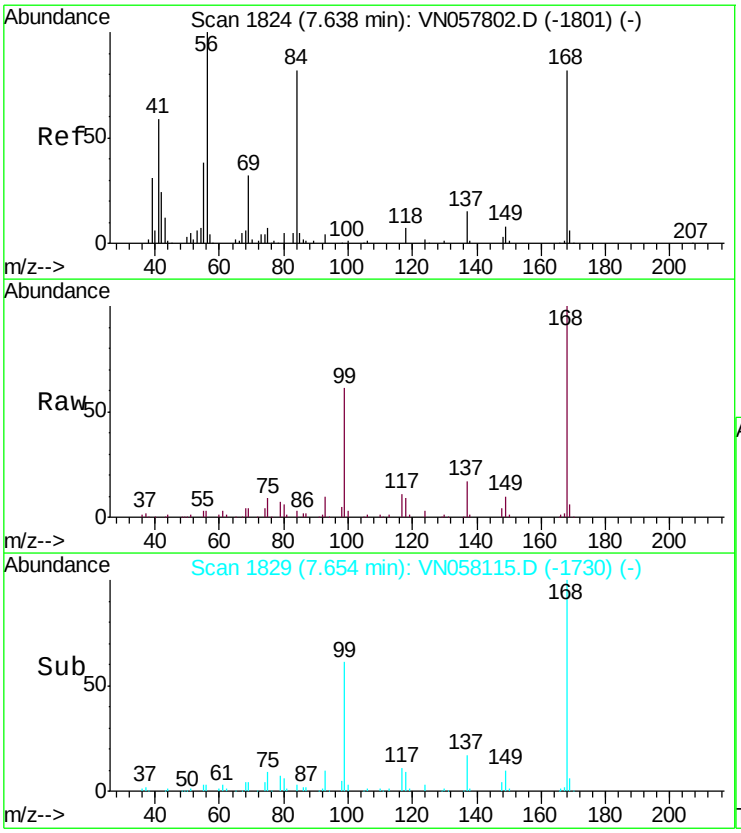
#29
Tetrahydrofuran
Concen: 0.546 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 42 Resp: 1009

Ion	Ratio	Lower	Upper
42	100		
72	45.1	33.7	50.5
71	45.6	31.9	47.9

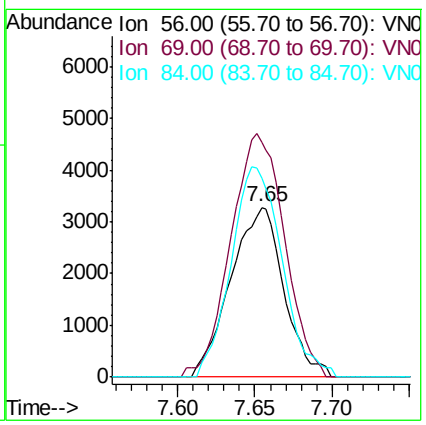


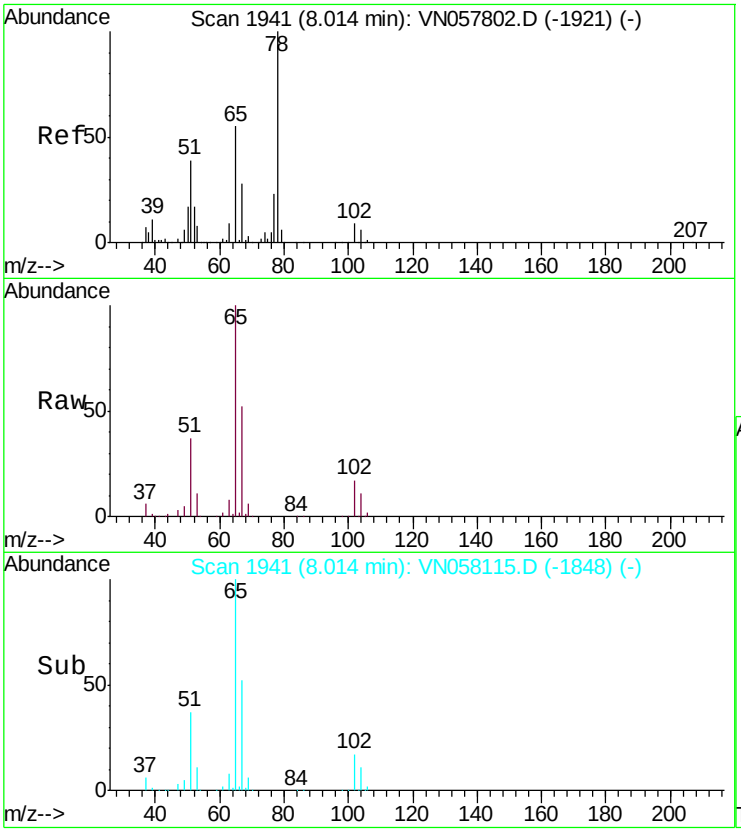


#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 56 Resp: 7839

Ion	Ratio	Lower	Upper
56	100		
69	138.0	25.9	38.9#
84	116.7	65.6	98.4#



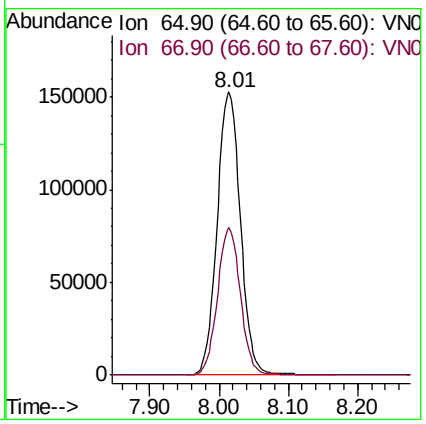


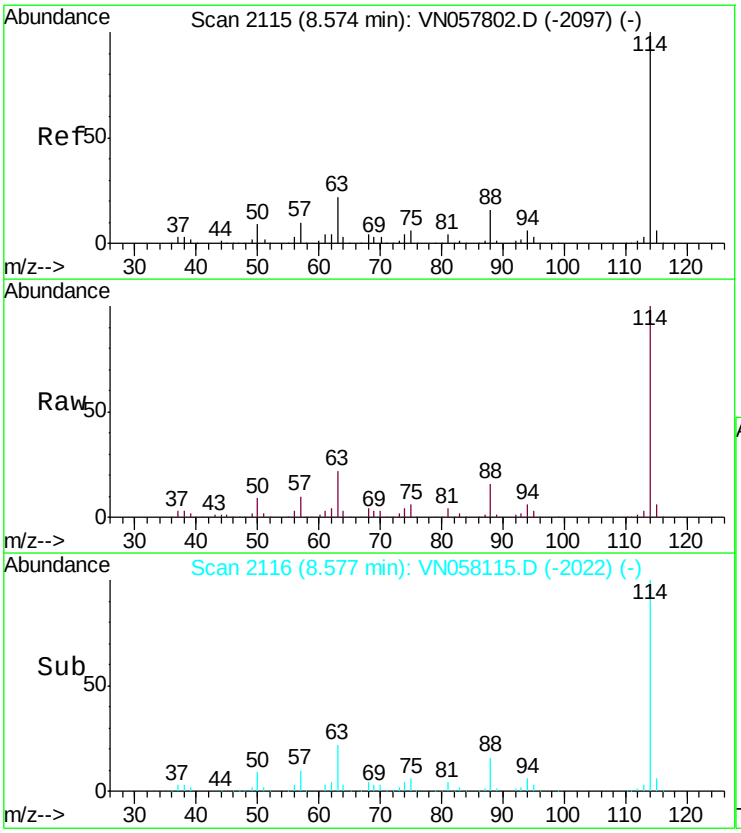
#33
1,2-Dichloroethane-d4
Concen: 56.602 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 65 Resp: 357986

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0

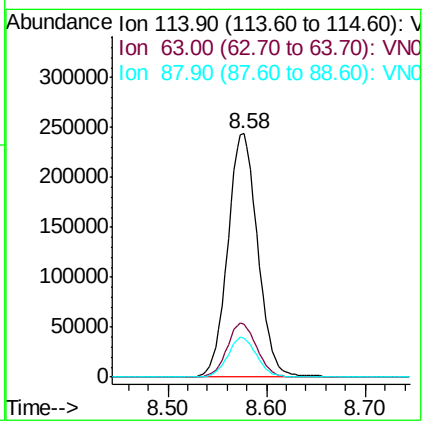


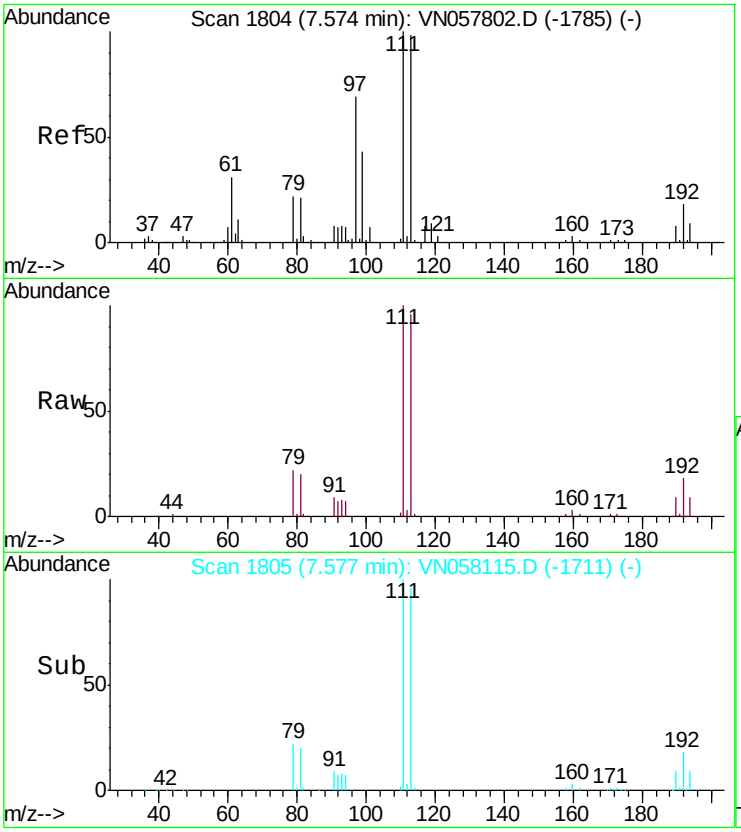


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion:114 Resp: 516180

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.1	0.0	31.4



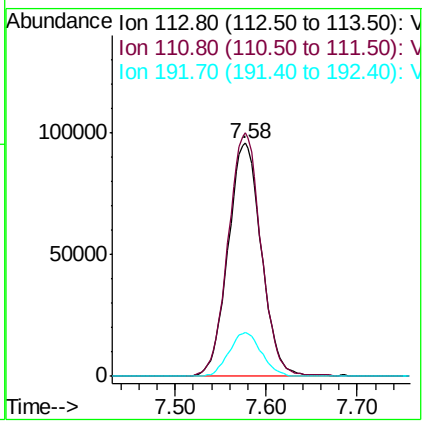


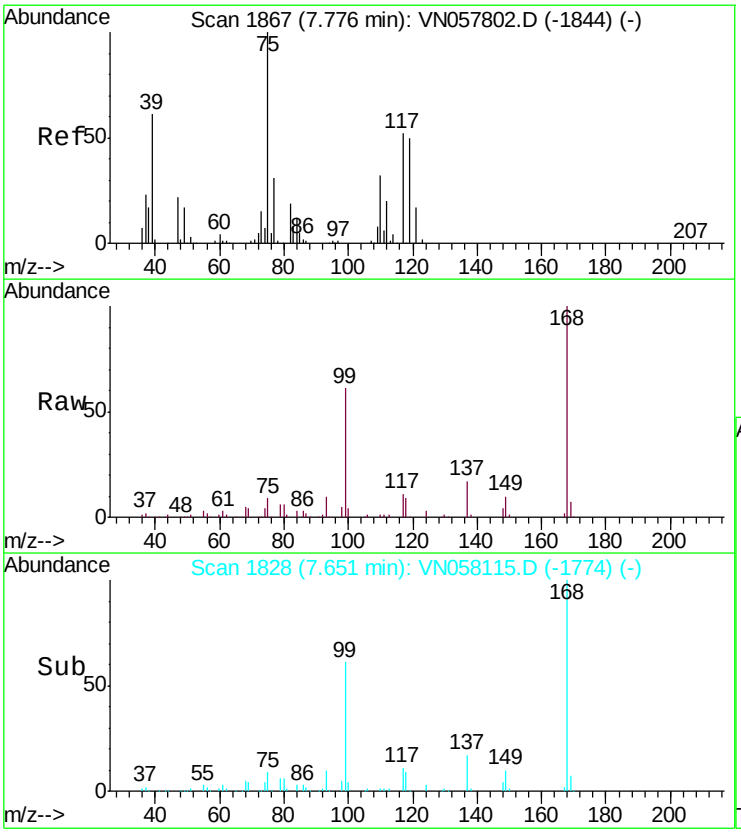
#35
Dibromofluoromethane
Concen: 51.073 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:113 Resp: 243319

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.3	121.9
192	18.3	14.6	22.0

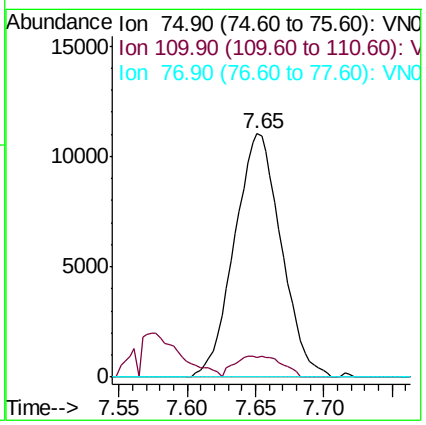


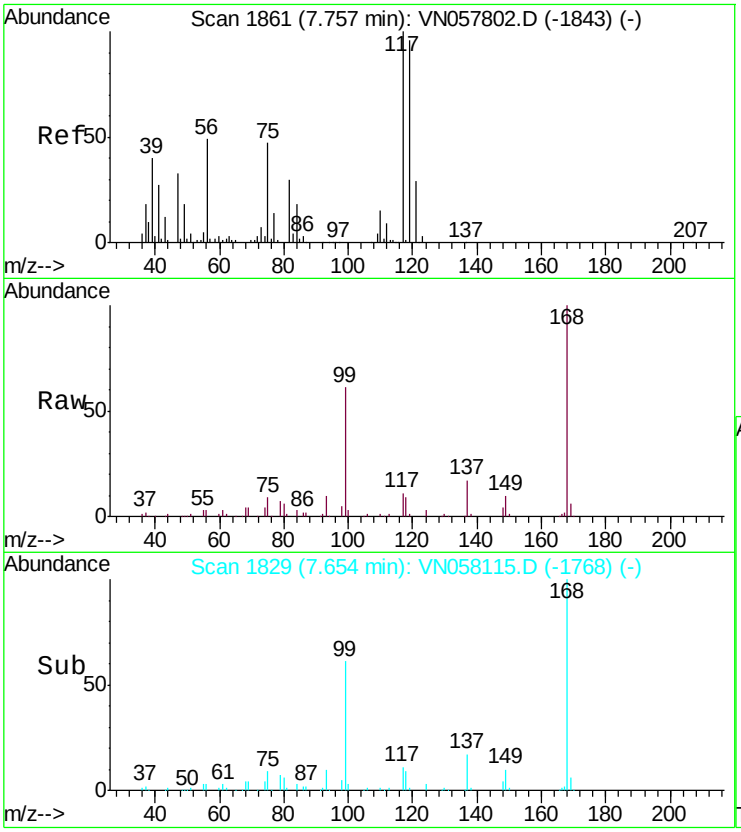


#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 75 Resp: 26249

Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.3	48.9#
77	0.0	25.0	37.4#



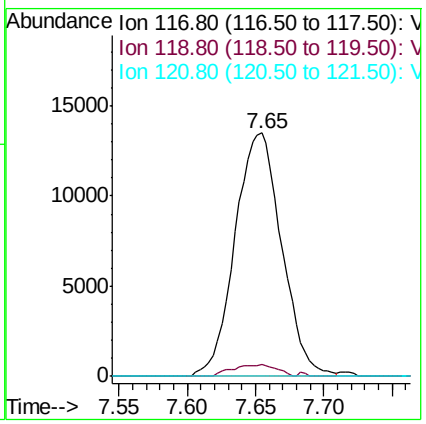


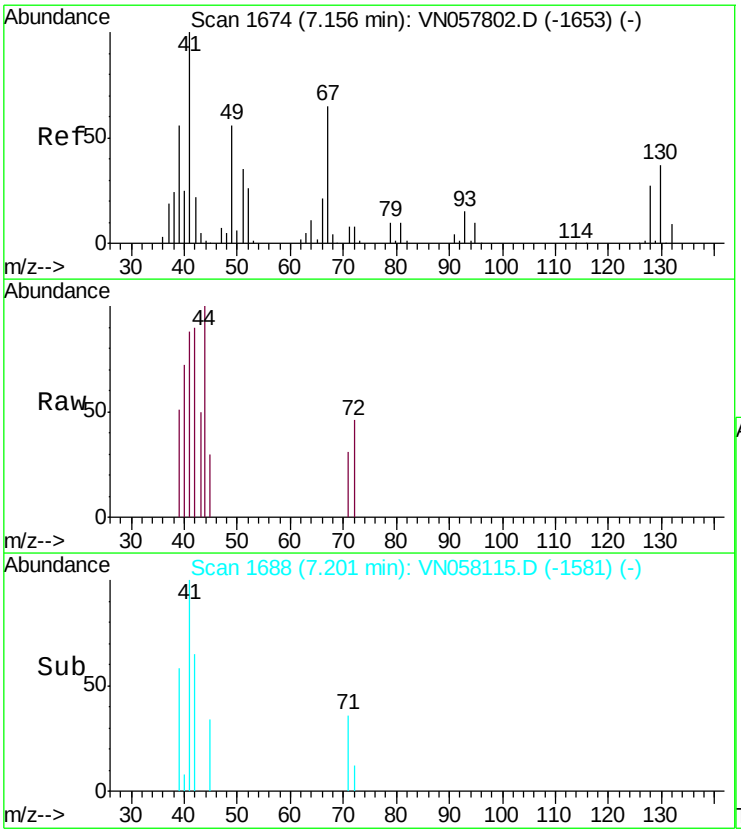
#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:117 Resp: 32052

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.9	115.3#
121	0.0	23.4	35.2#

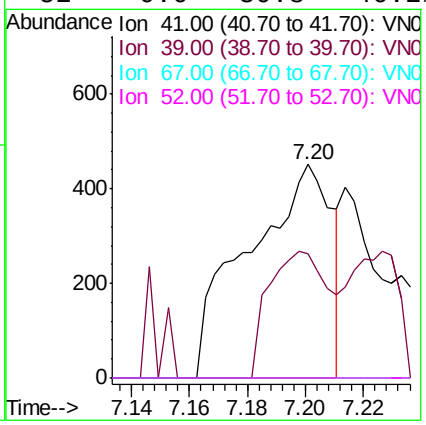


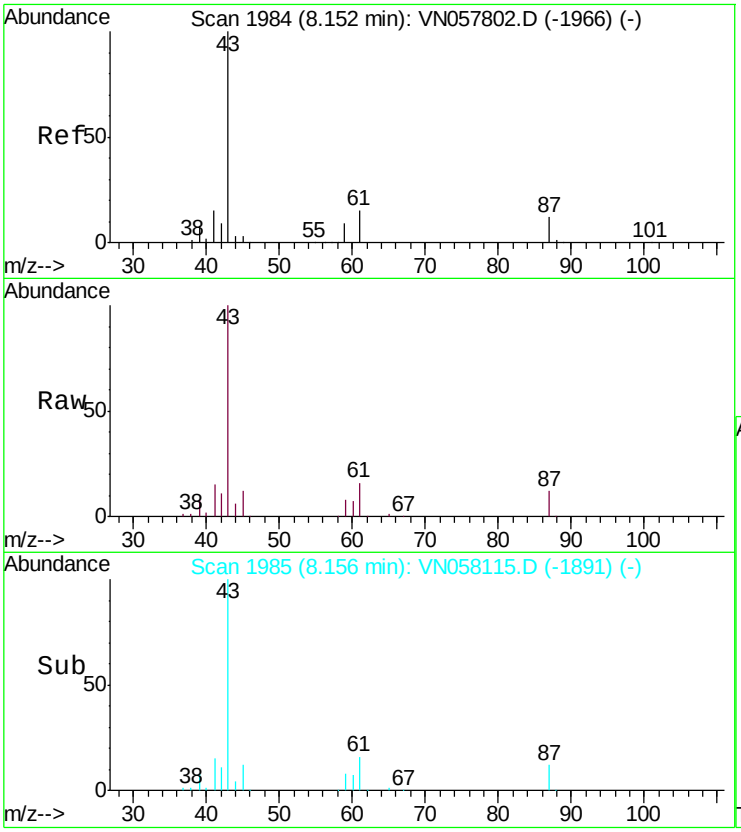


#41
Methacrylonitrile
Concen: 0.322 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.05 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 41 Resp: 903

Ion	Ratio	Lower	Upper
41	100		
39	42.3	51.0	76.6#
67	0.0	70.7	106.1#
52	0.0	30.8	46.2#



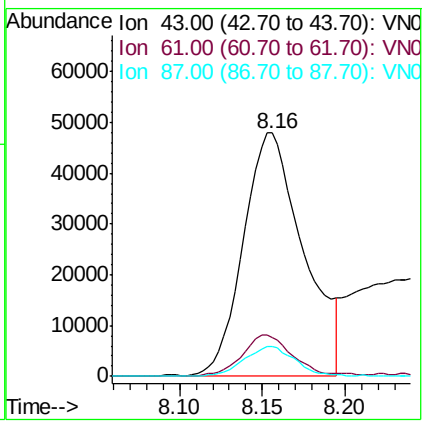


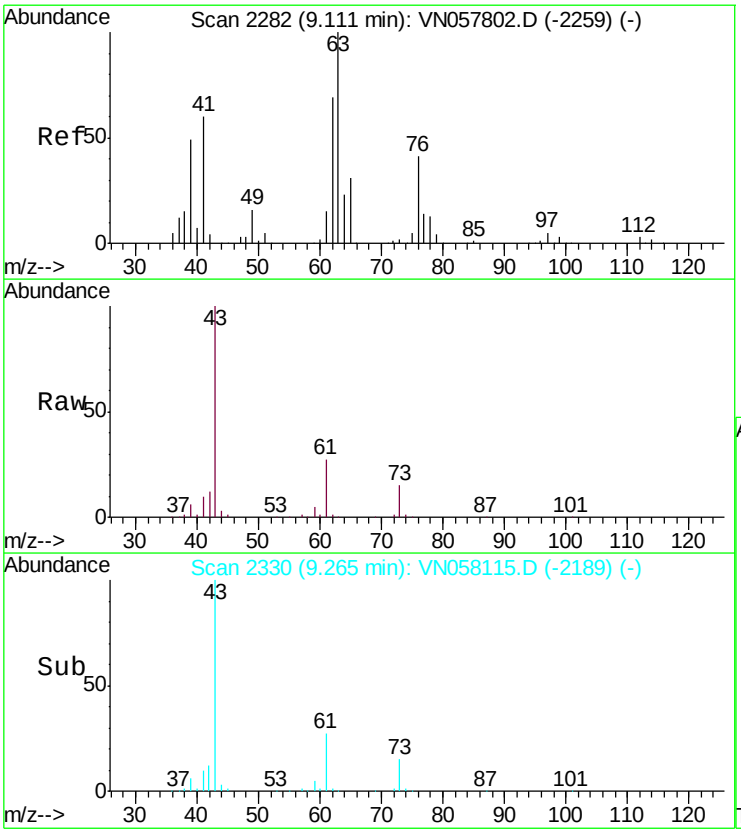
#43
Isopropyl Acetate
Concen: 11.553 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 43 Resp: 120162

Ion	Ratio	Lower	Upper
43	100		
61	14.2	20.1	30.1#
87	10.4	9.5	14.3

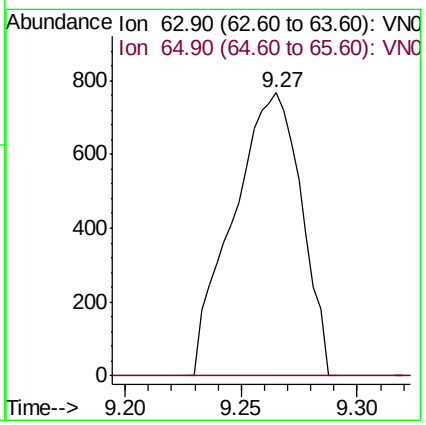


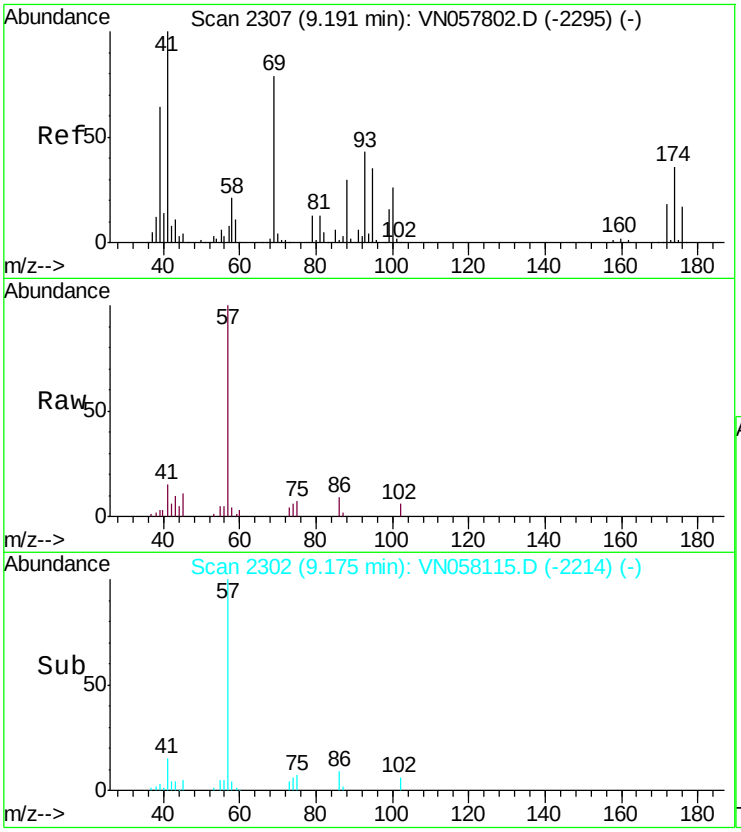


#45
1,2-Dichloropropane
Concen: 0.299 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 63 Resp: 1568

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.8	37.2#



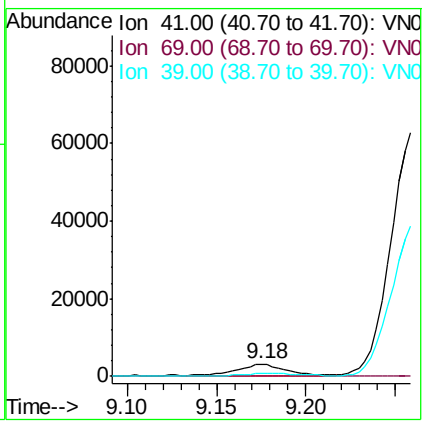


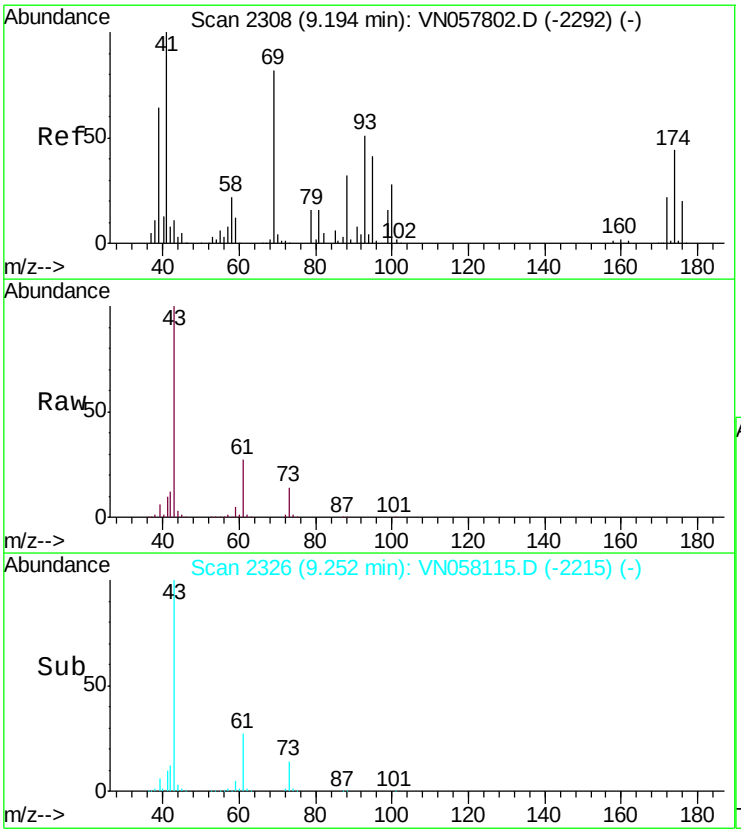
#48
Methyl methacrylate
Concen: 1.023 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 41 Resp: 5398

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	0.0	52.7	79.1#

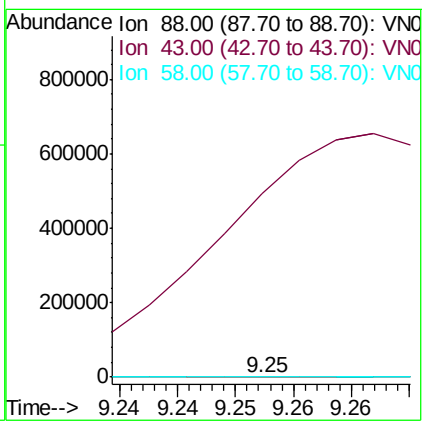


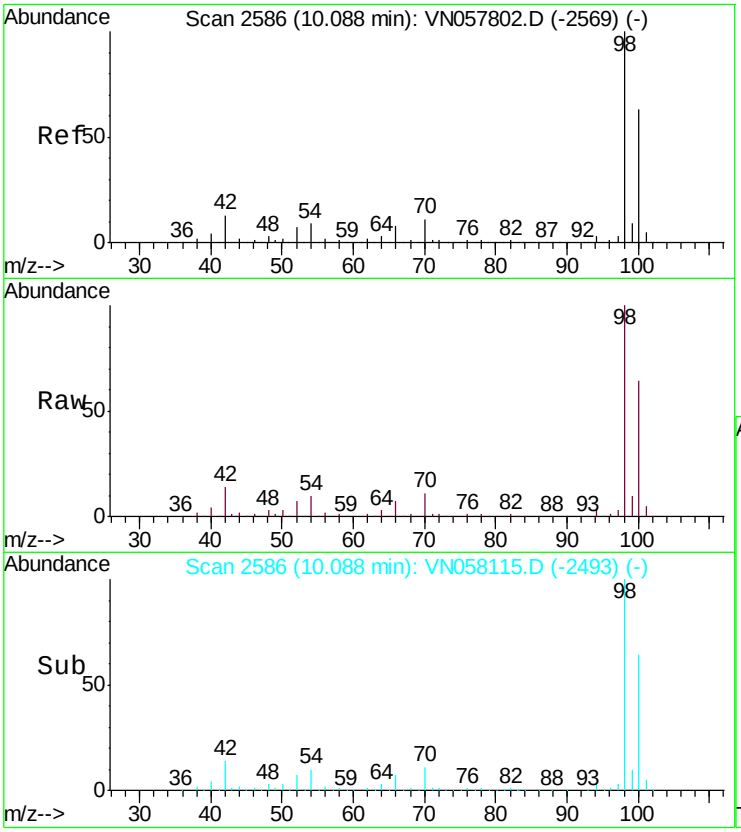


#49
1,4-Dioxane
Concen: 0.336 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
43	4031290.0	28.5	42.7#
58	18833.3	55.8	83.6#



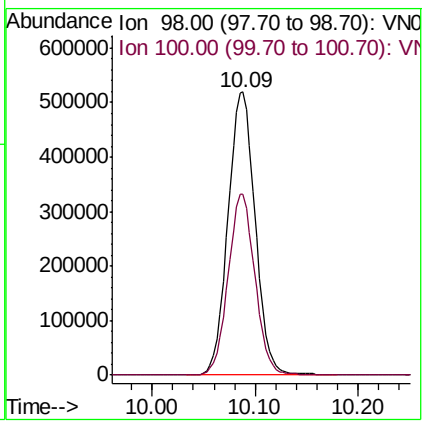


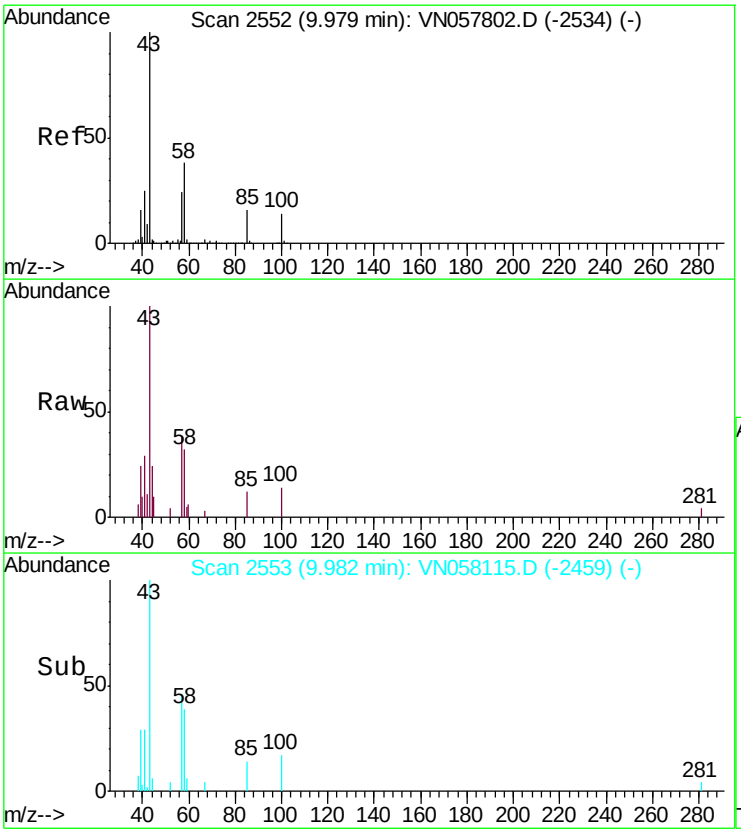
#50
Toluene-d8
Concen: 51.729 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 98 Resp: 956824

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.3	75.5

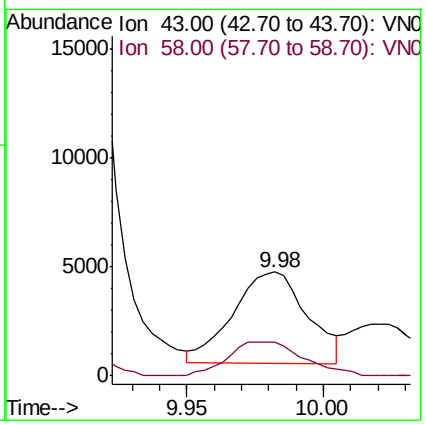


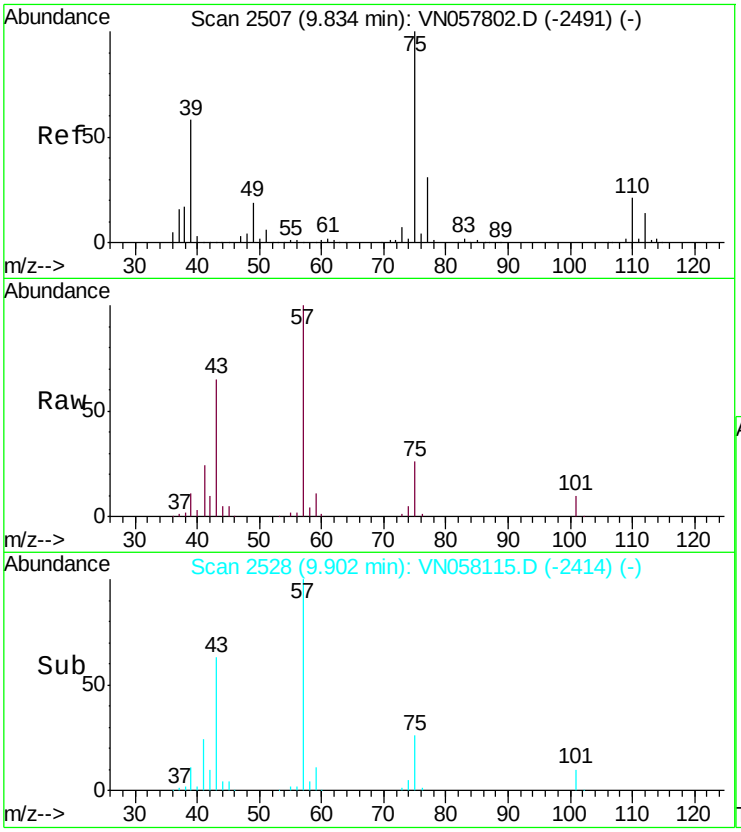


#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 7899

Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.8	44.6



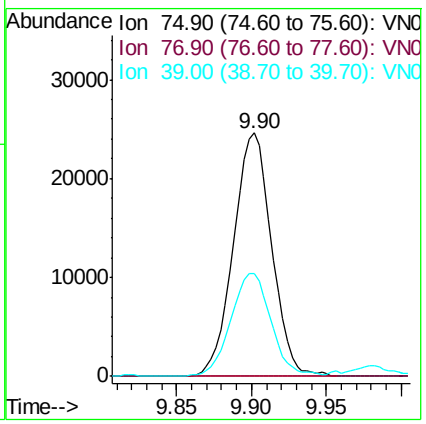


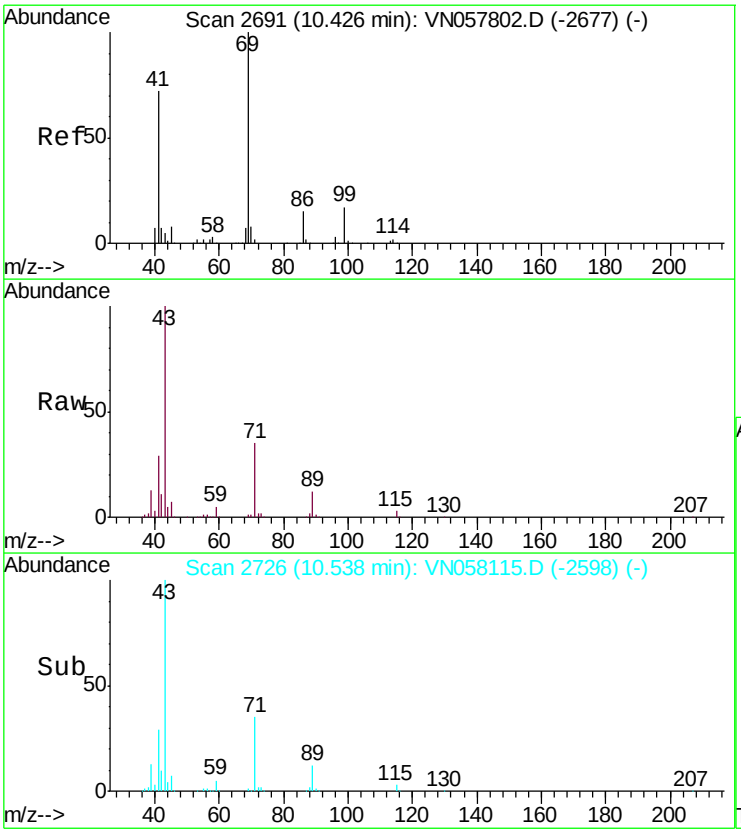
#54
cis-1,3-Dichloropropene
Concen: 5.963 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 75 Resp: 43872

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	42.1	46.2	69.4#

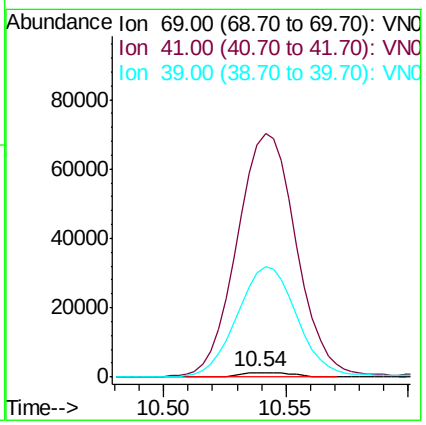


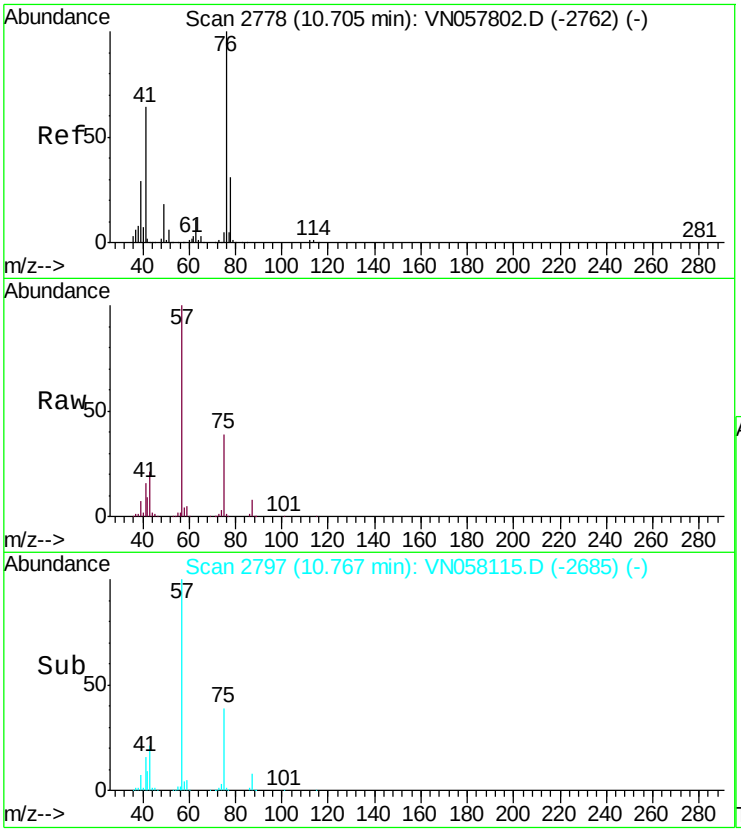


#56
Ethyl methacrylate
Concen: 0.297 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.11 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 69 Resp: 2152

Ion	Ratio	Lower	Upper
69	100		
41	5571.9	56.7	85.1#
39	2504.9	36.3	54.5#



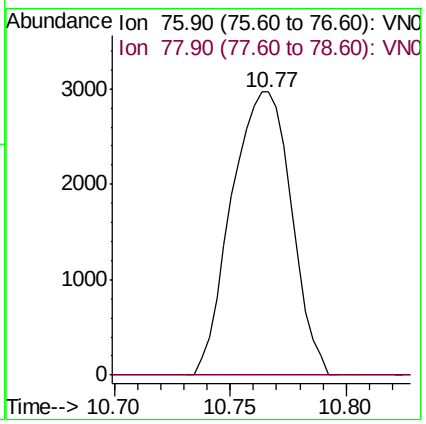


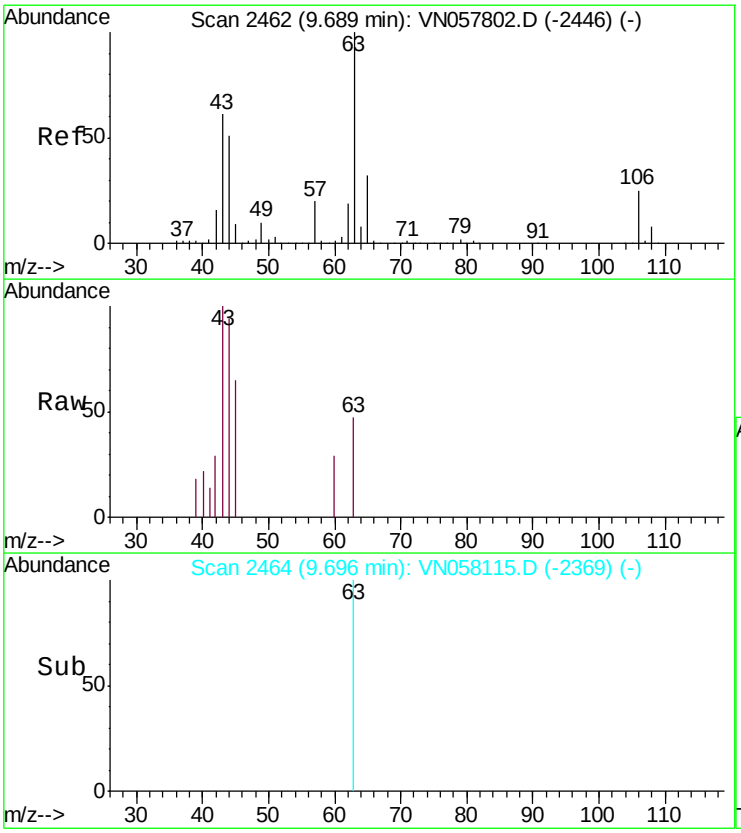
#57
1,3-Dichloropropane
Concen: 0.642 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 76 Resp: 5322

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

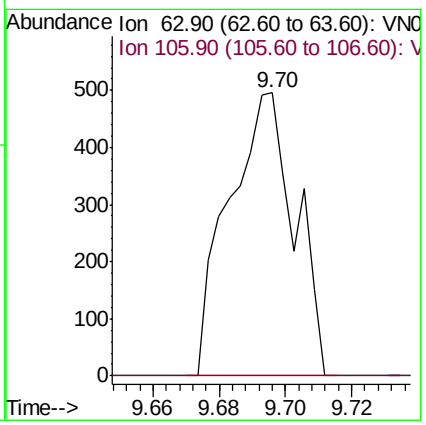


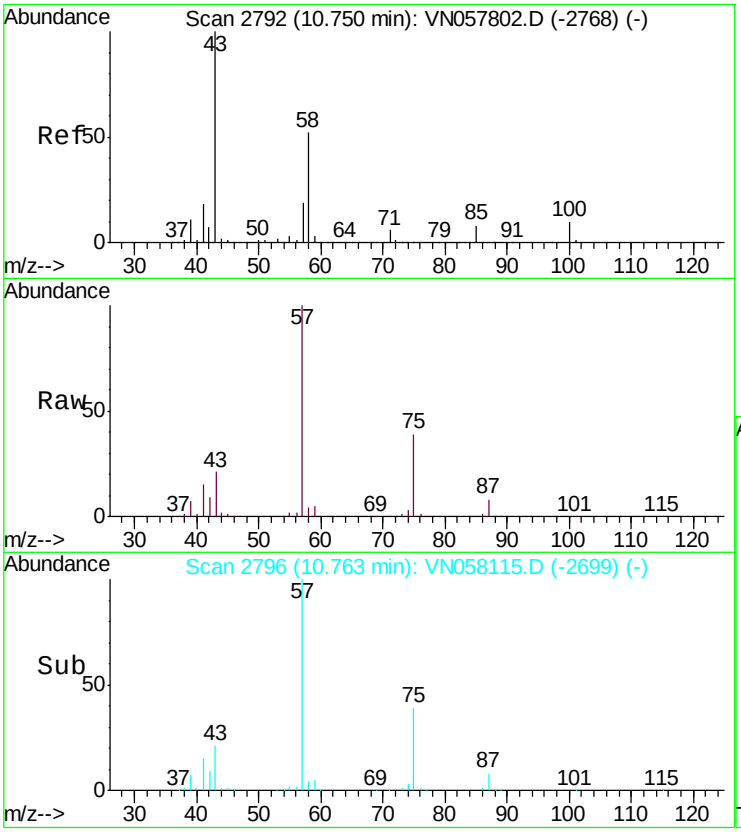


#58
2-Chloroethyl Vinyl ether
Concen: 0.201 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 63 Resp: 687

Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.0	30.0#



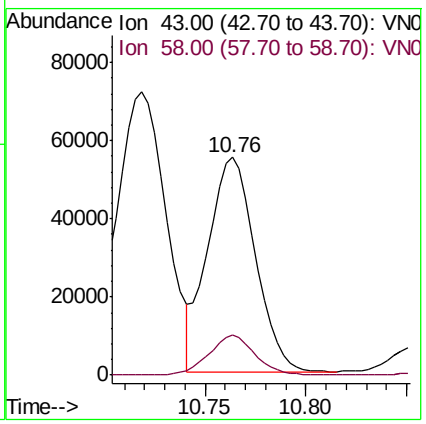


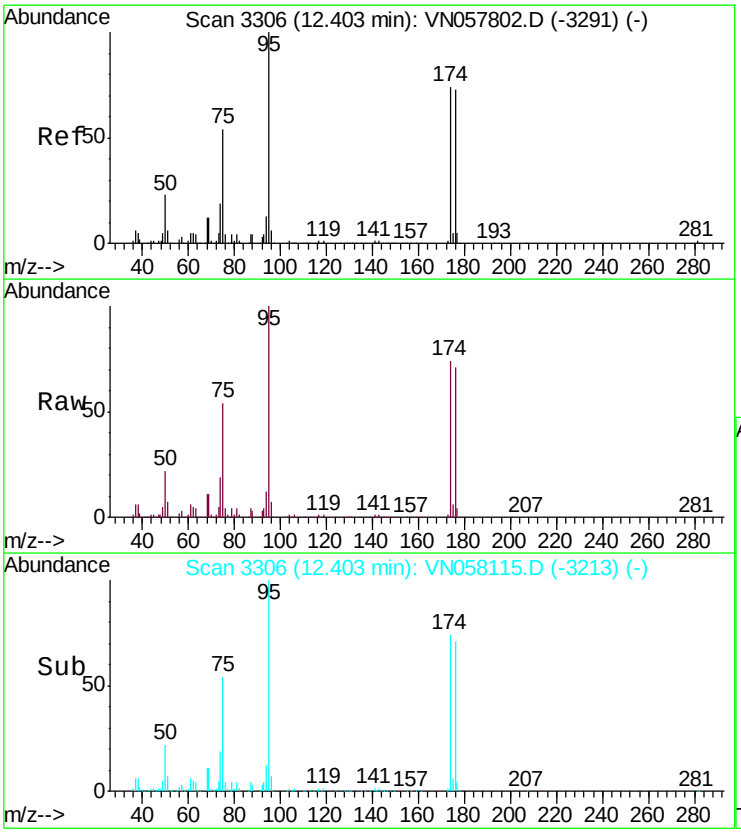
#59
2-Hexanone
Concen: 19.676 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 43 Resp: 90776

Ion	Ratio	Lower	Upper
43	100		
58	17.9	25.6	76.8#

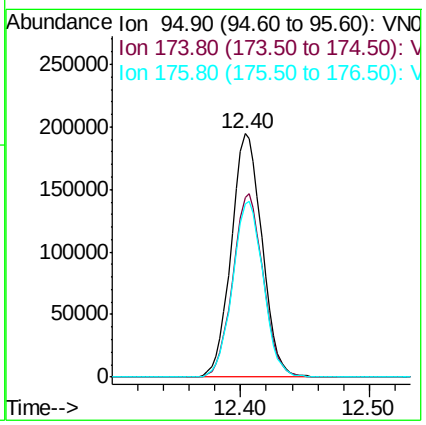


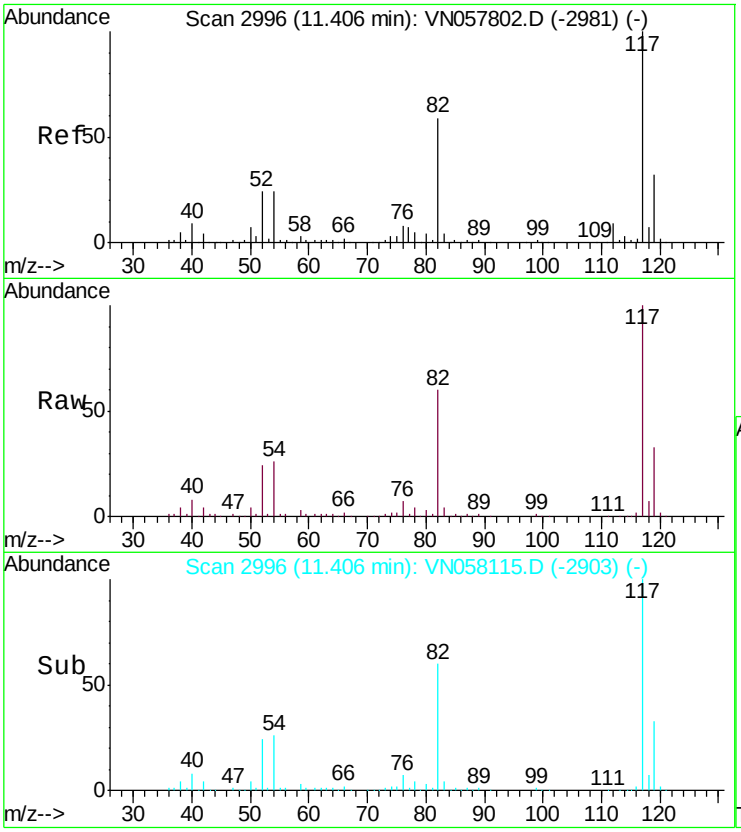


#62
4-Bromofluorobenzene
Concen: 45.787 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 95 Resp: 322750

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.2
176	72.1	0.0	146.0



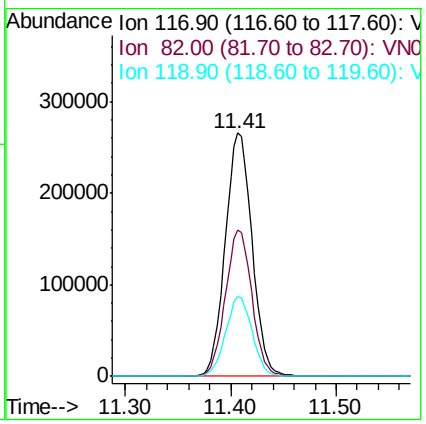


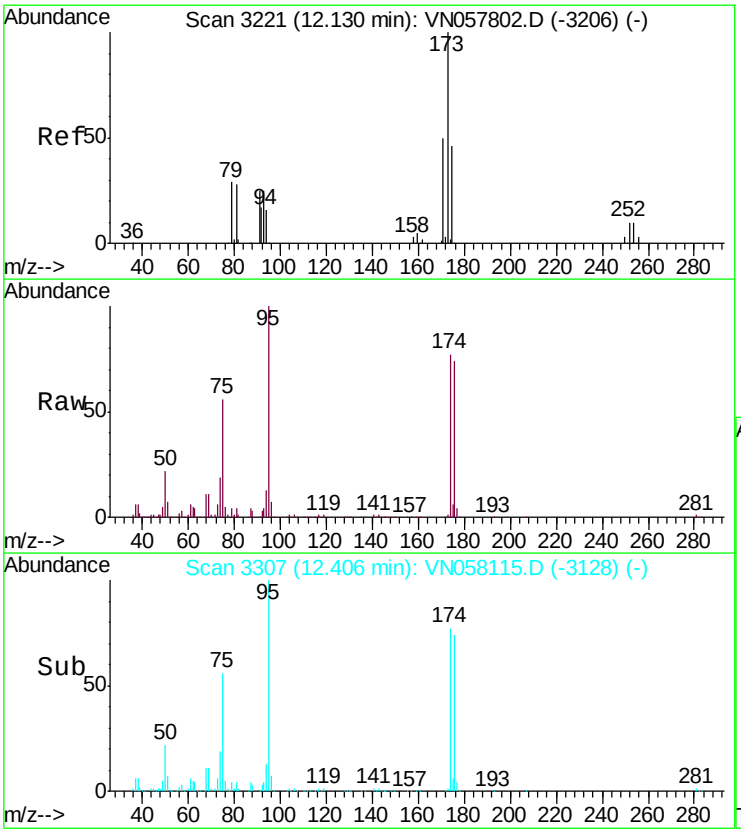
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:117 Resp: 467560

Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.2	70.8
119	32.8	25.3	37.9

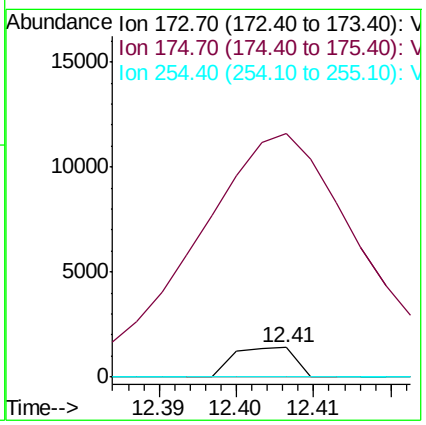


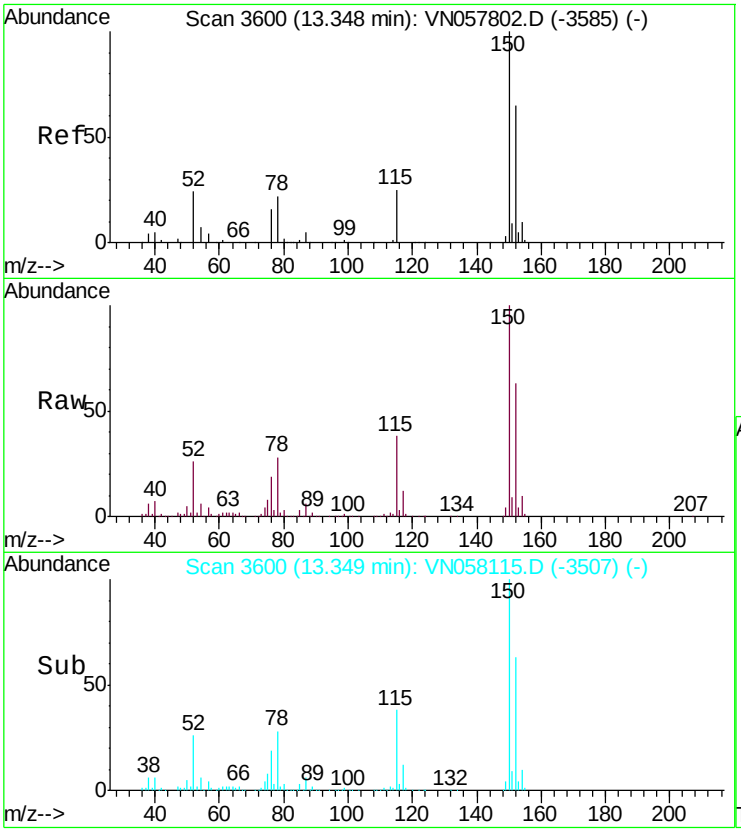


#71
Bromoform
Concen: 0.292 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion:173 Resp: 773

Ion	Ratio	Lower	Upper
173	100		
175	2013.1	23.5	70.6#
254	0.0	0.1	0.1#



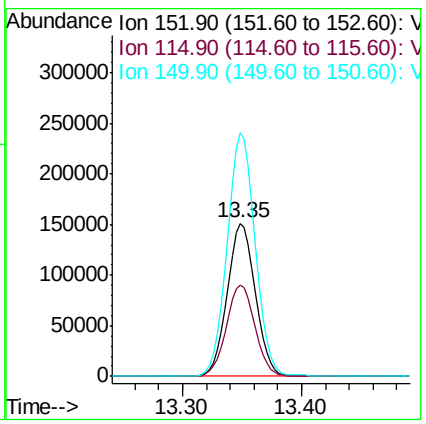


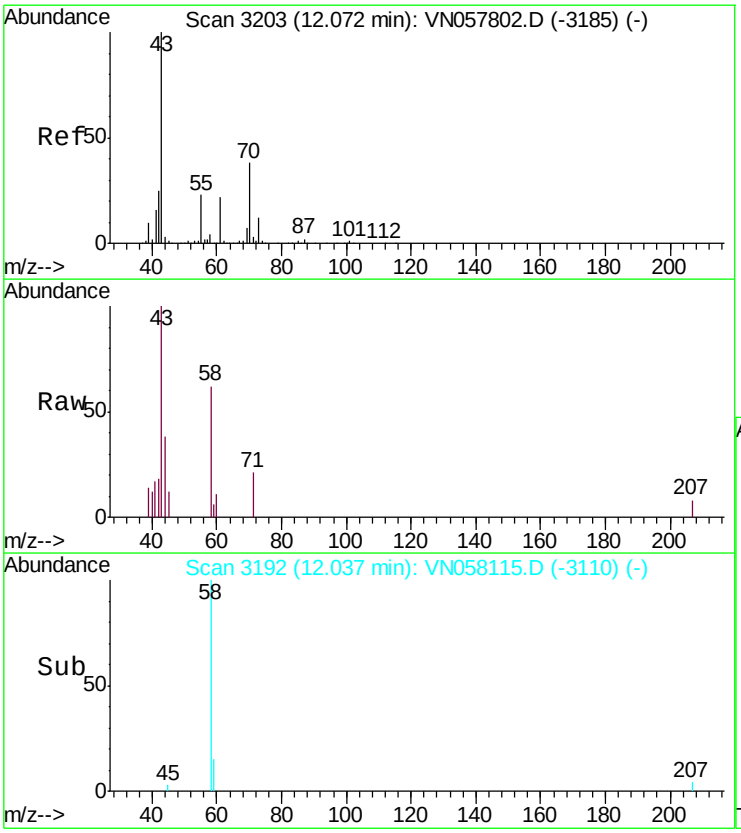
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:152 Resp: 247060

Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.3	91.0
150	158.7	0.0	352.4

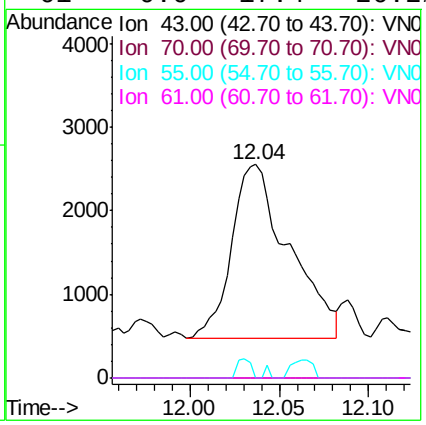


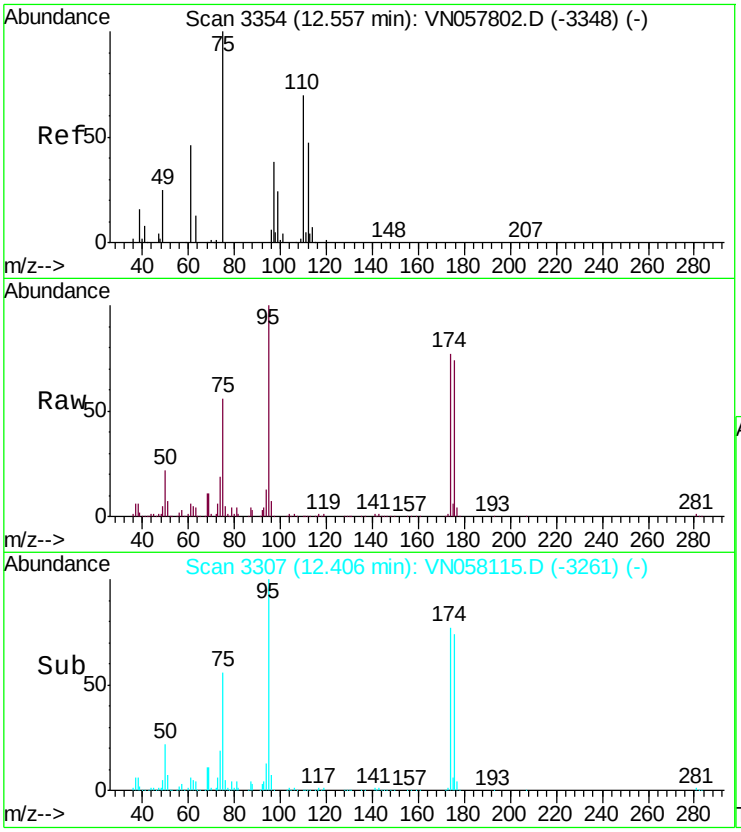


#74
N-amyl acetate
Concen: 0.563 ug/l
RT: 12.04 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 4701

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.6	45.8#
55	2.5	18.6	27.8#
61	0.0	17.4	26.2#



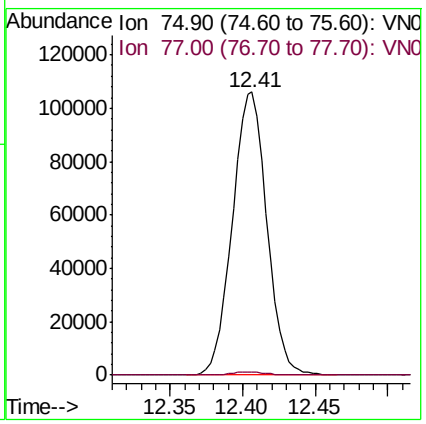


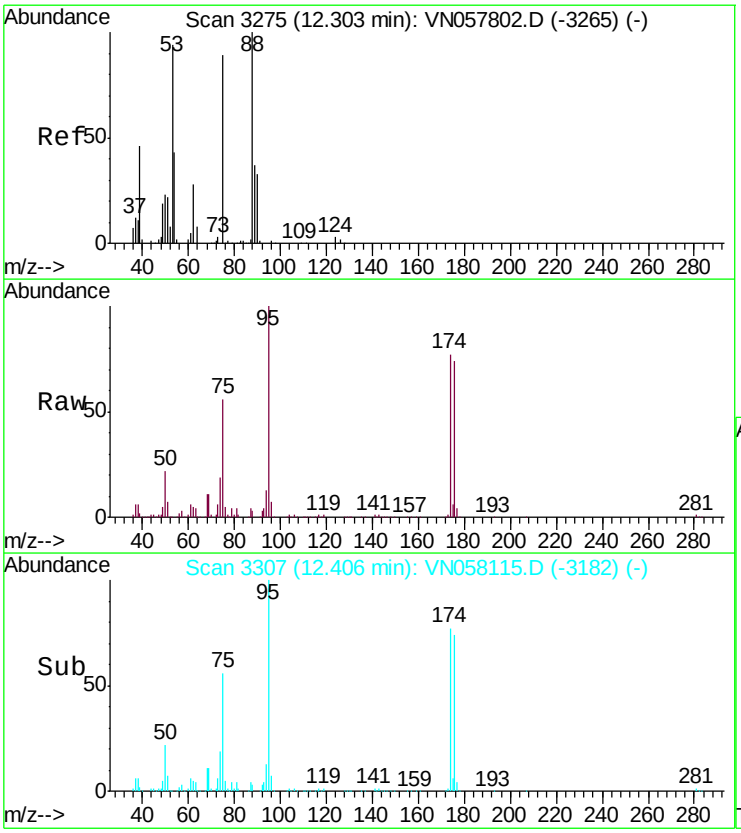
#76
1,2,3-Trichloropropane
Concen: 31.263 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion: 75 Resp: 174725

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

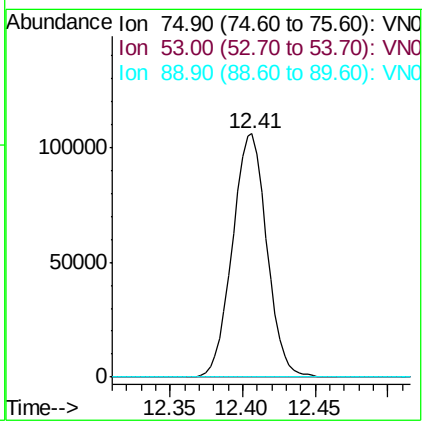


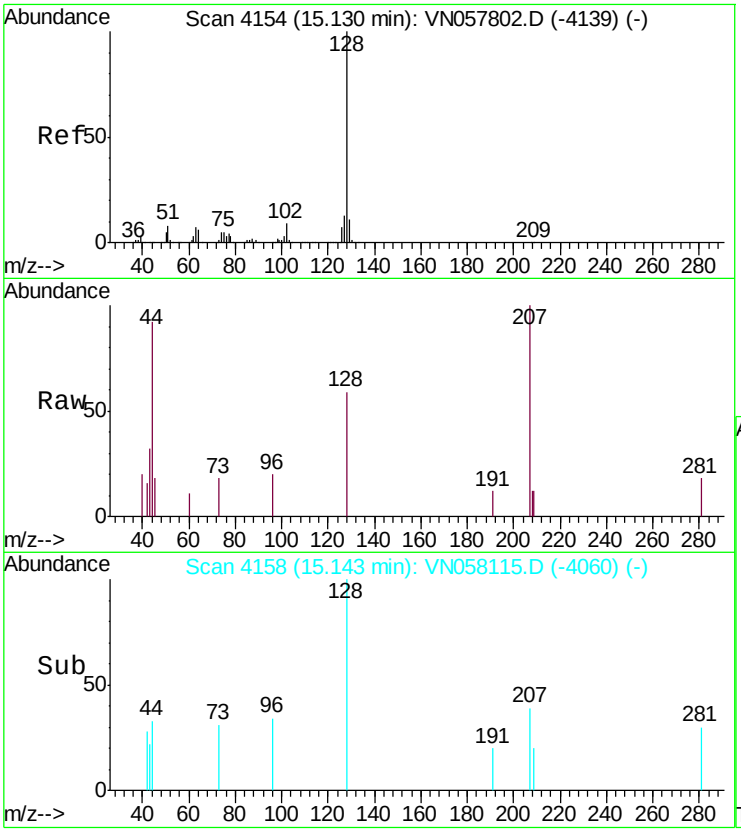


#81
trans-1,4-Dichloro-2-butene
Concen: 110.014 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 75 Resp: 174725

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	35.3	52.9#



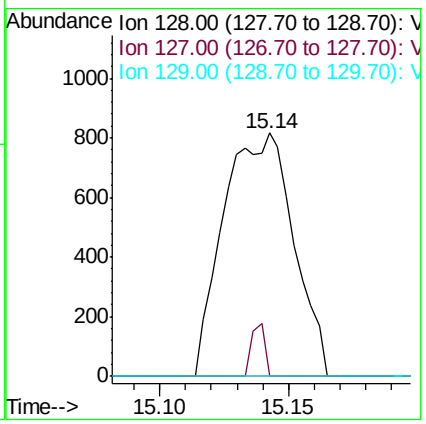


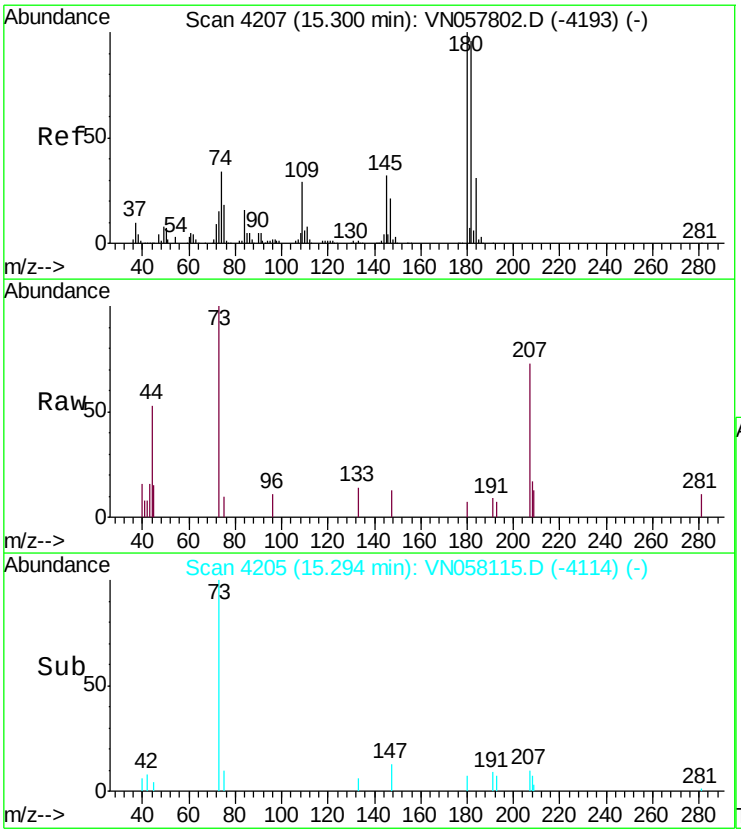
#95
Naphthalene
Concen: Below Cal
RT: 15.14 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument : MSVOA_N
ClientSampleId : T4-4-(1.5)-BRUCKNER

Tgt Ion:128 Resp: 1543

Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.3	15.5#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 1.004 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion:180 Resp: 31

Ion	Ratio	Lower	Upper
180	100		
182	209.7	48.3	144.8#
145	238.7	16.3	48.8#