Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021919\
Data File : VN053865.D
Acq On : 19 Feb 2019 13:21
Operator : JC/SP
Sample : K1518-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CABLE-BRIDGE-FOUNDATION-B-10

Quant Time: Feb 20 03:17:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	628740	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1062967	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1016847	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	432842	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	340408	53.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.94%				
35) Dibromofluoromethane	7.59	113	353195	52.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.18%				
50) Toluene-d8	10.09	98	1298629	51.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.98%				
62) 4-Bromofluorobenzene	12.40	95	450285	53.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.06%				
Target Compounds							Qvalue
8) Diethyl Ether	3.42	74	1013	0.282	ug/l		66
11) Tert butyl alcohol	4.77	59	171	0.458	ug/l	#	72
16) Acetone	3.82	43	18909	11.687	ug/l		93
18) Methyl Acetate	4.33	43	4192	0.875	ug/l	#	84
20) Methylene Chloride	4.56	84	27160	4.001	ug/l		89
25) 2-Butanone	6.84	43	5827	2.525	ug/l	#	89
29) Tetrahydrofuran	7.21	42	593	0.400	ug/l	#	66
31) Cyclohexane	7.67	56	9133	0.689	ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	37663	3.931	ug/l	#	45
37) Ethyl Acetate	6.84	43	5827	1.089	ug/l	#	67
38) Carbon Tetrachloride	7.67	117	51111	5.295	ug/l	#	16
43) Isopropyl Acetate	8.17	43	36440	3.526	ug/l	#	76
45) 1,2-Dichloropropane	9.27	63	1833	0.243	ug/l	#	43
48) Methyl methacrylate	9.18	41	9140	1.853	ug/l	#	12
49) 1,4-Dioxane	9.27	88	98	40.415	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	7597	1.496	ug/l	#	34
54) cis-1,3-Dichloropropene	9.90	75	61525	5.474	ug/l	#	61
57) 1,3-Dichloropropane	10.76	76	11490	1.064	ug/l	#	43
59) 2-Hexanone	10.76	43	148300	43.013	ug/l	#	50
71) Bromoform	12.40	173	3356	0.649	ug/l	#	1
74) N-amyl acetate	11.88	43	14037	1.918	ug/l	#	50
76) 1,2,3-Trichloropropane	12.40	75	207798	37.377	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	207798	105.100	ug/l	#	15
95) Naphthalene	15.14	128	63	1.739	ug/l	#	69

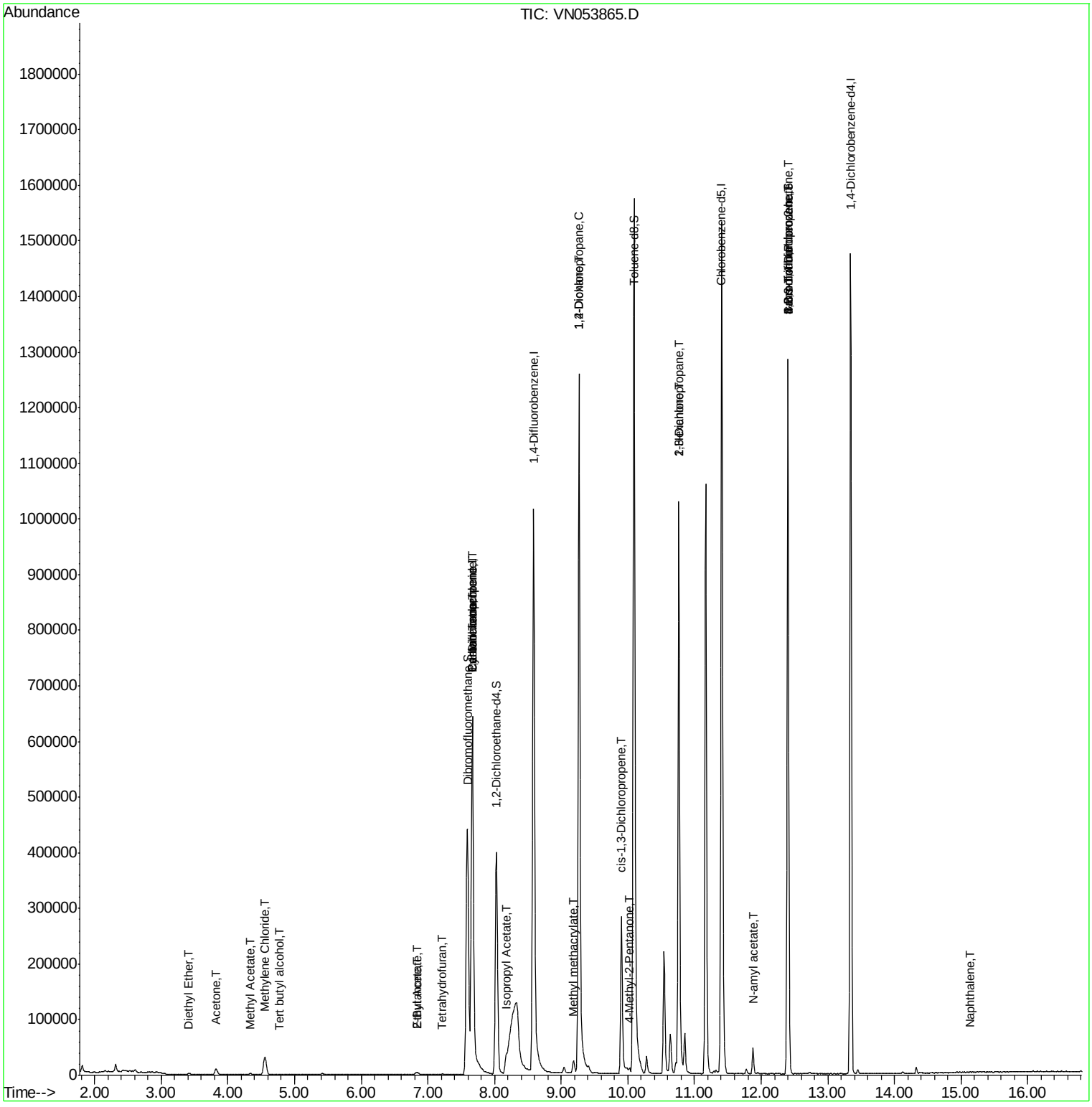
(#) = qualifier out of range (m) = manual integration (+) = signals summed

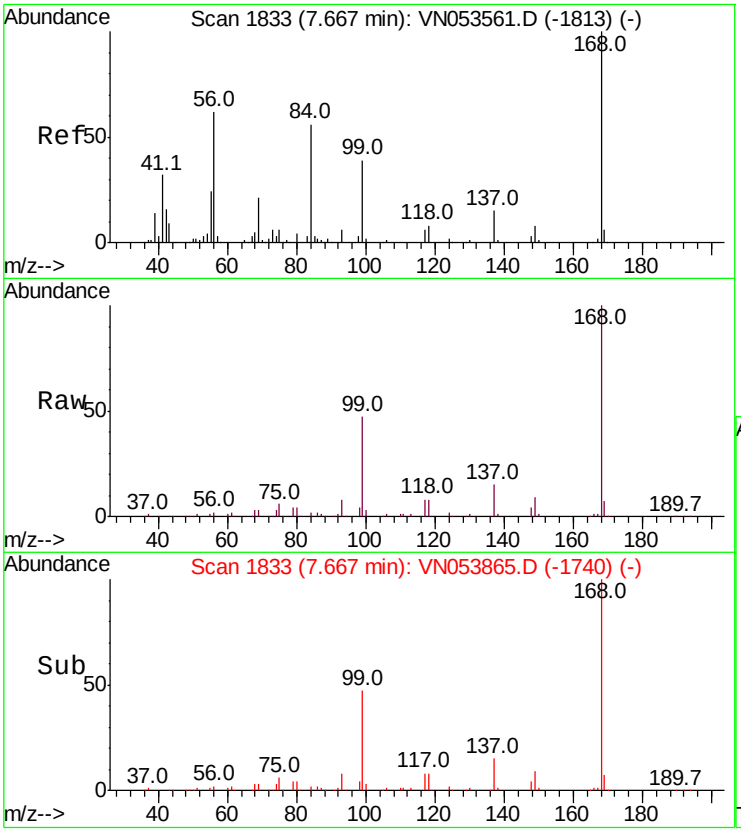
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021919\
Data File : VN053865.D
Acq On : 19 Feb 2019 13:21
Operator : JC/SP
Sample : K1518-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Quant Time: Feb 20 03:17:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration



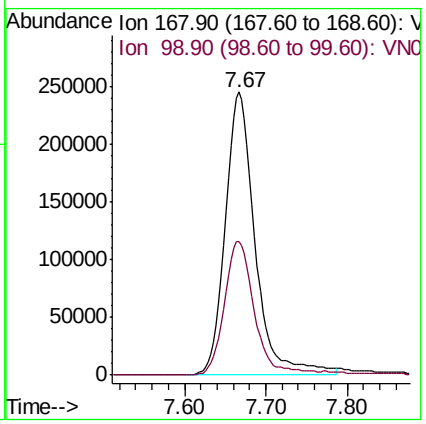


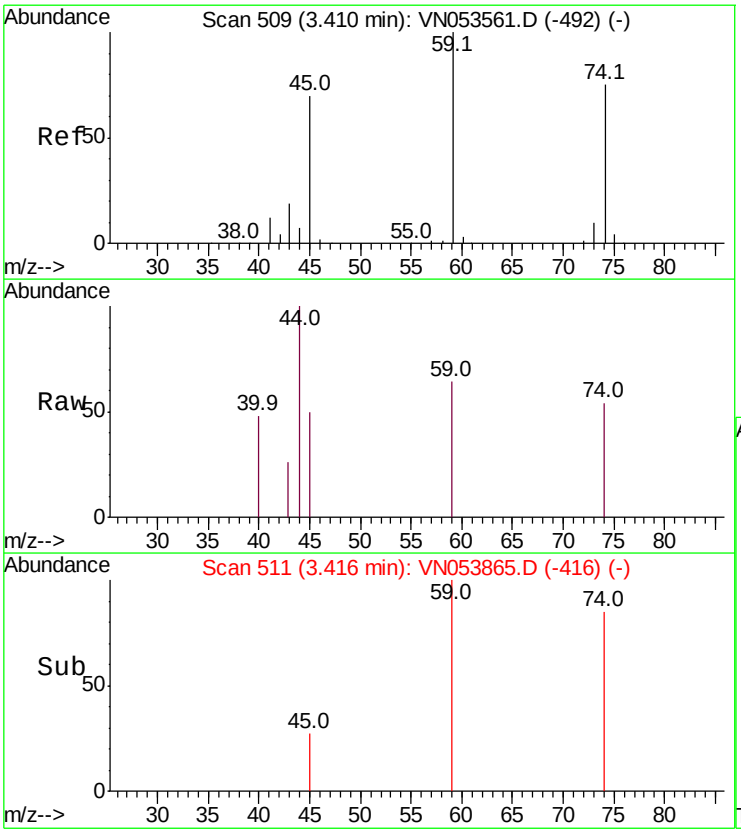
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion:168 Resp: 628740

Ion	Ratio	Lower	Upper
168	100		
99	47.3	39.1	58.7

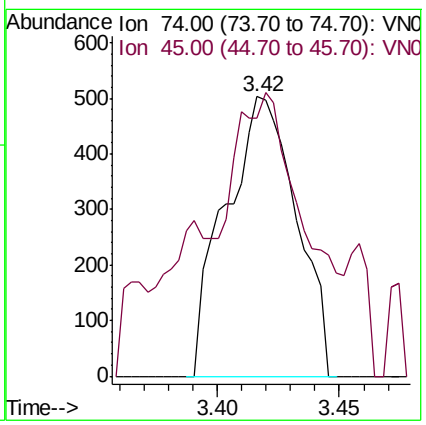


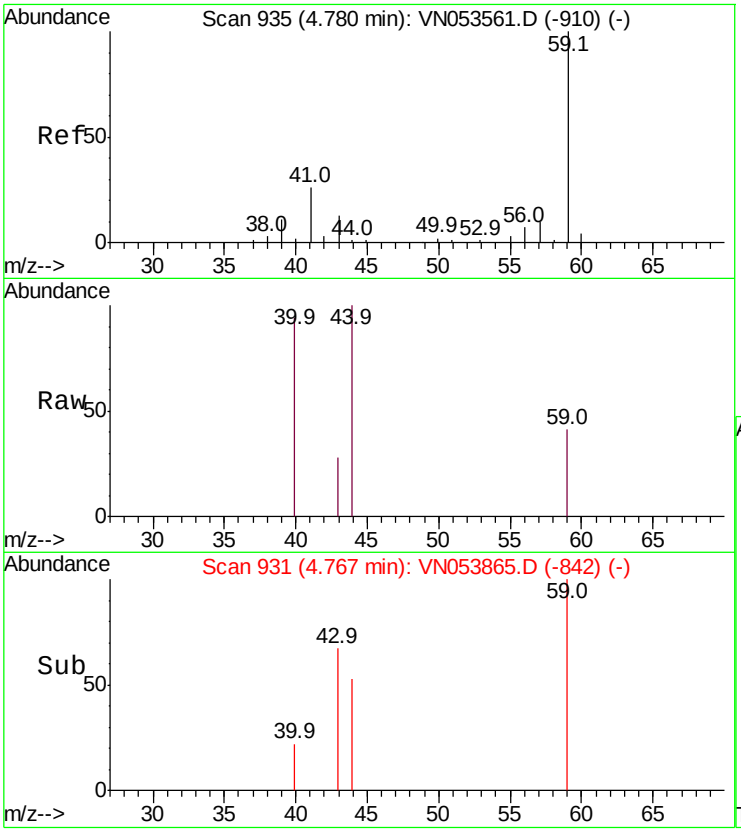


#8
Diethyl Ether
Concen: 0.282 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.01 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 74 Resp: 1013

Ion	Ratio	Lower	Upper
74	100		
45	62.3	47.9	143.7



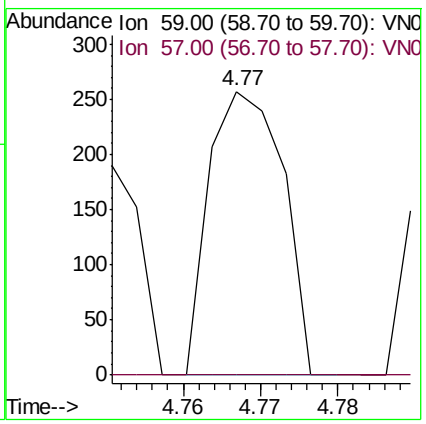


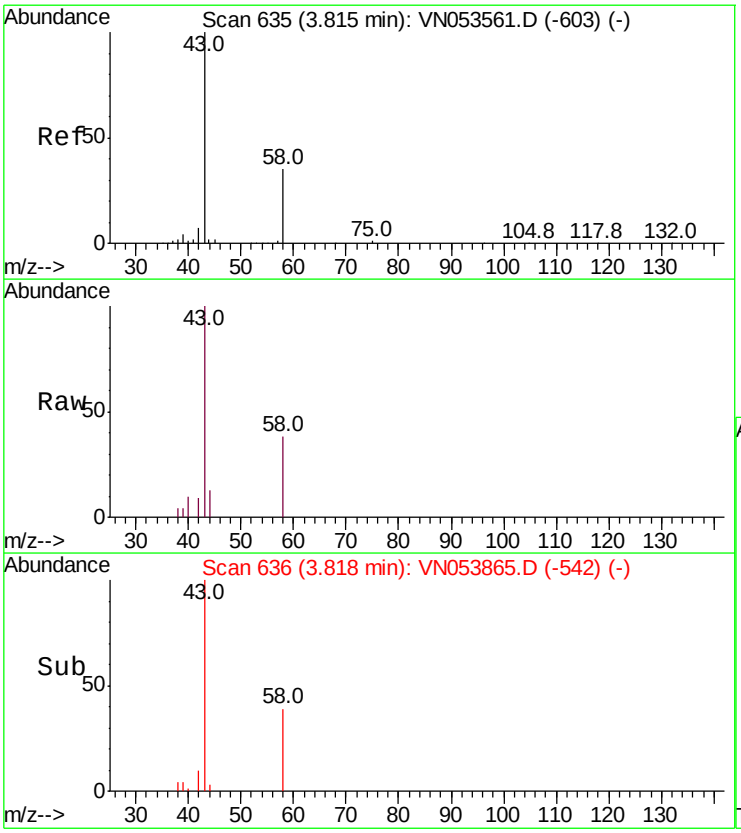
#11
Tert butyl alcohol
Concen: 0.458 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.01 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 59 Resp: 171

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

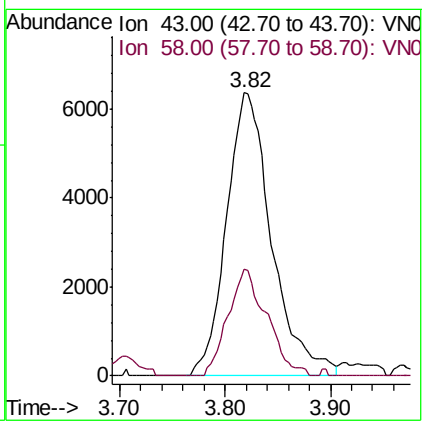


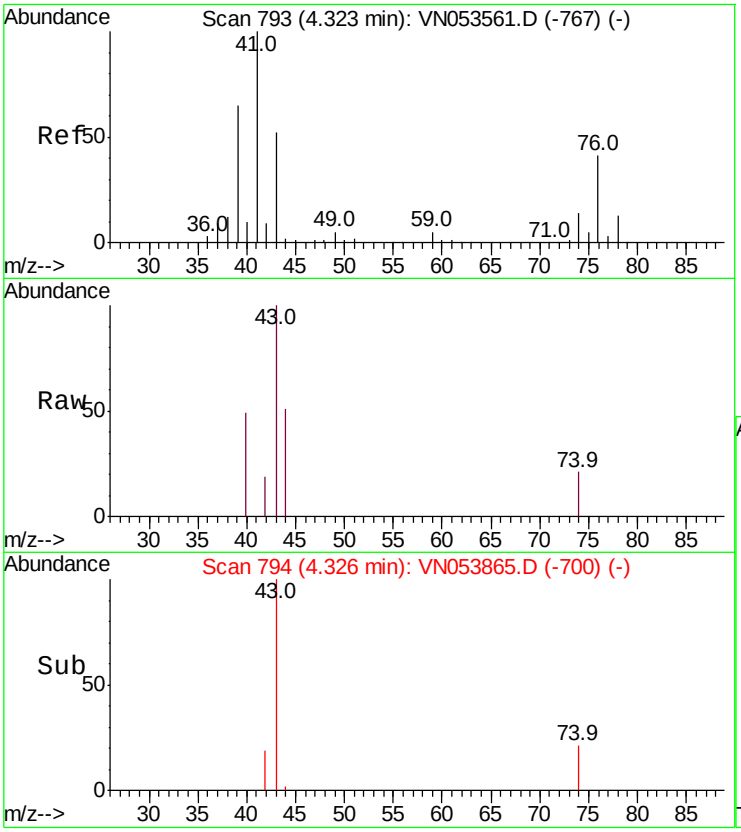


#16
Acetone
Concen: 11.687 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 43 Resp: 18909

Ion	Ratio	Lower	Upper
43	100		
58	37.8	27.1	40.7



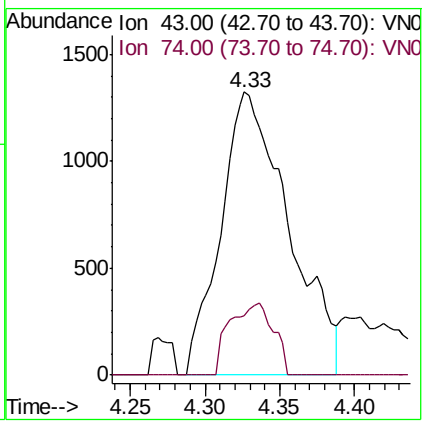


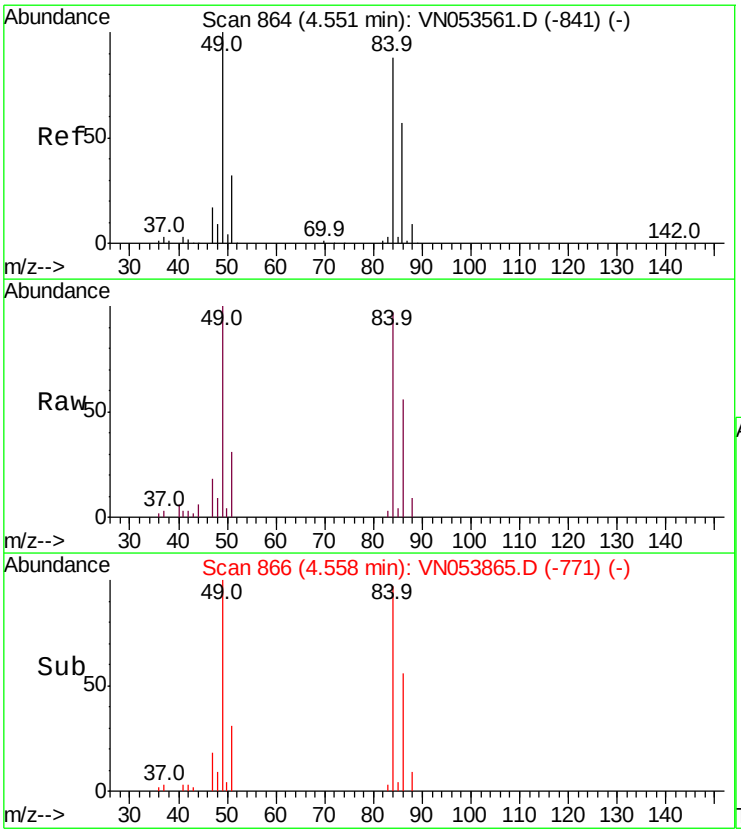
#18
Methyl Acetate
Concen: 0.875 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument : MSVOA_N
ClientSampleId : CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 43 Resp: 4192

Ion	Ratio	Lower	Upper
43	100		
74	16.4	19.4	29.2#

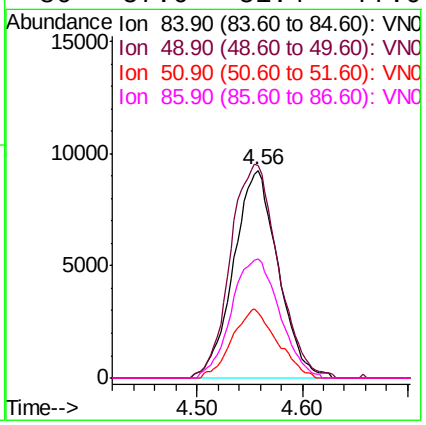


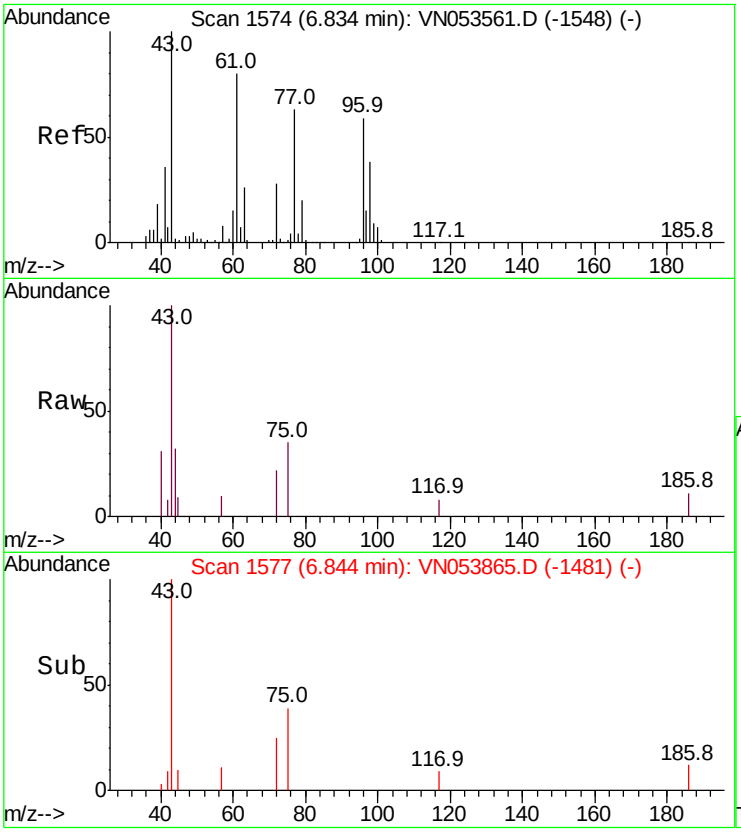


#20
Methylene Chloride
Concen: 4.001 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 84 Resp: 27160

Ion	Ratio	Lower	Upper
84	100		
49	102.7	94.3	141.5
51	31.7	29.4	44.2
86	57.6	51.4	77.0



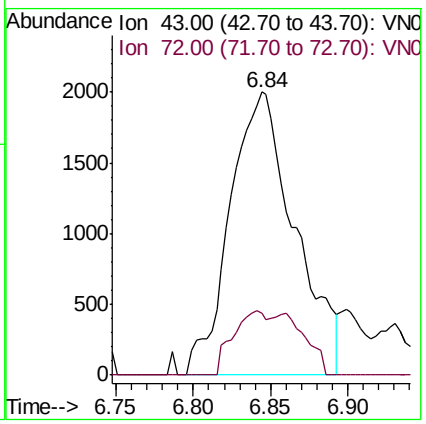


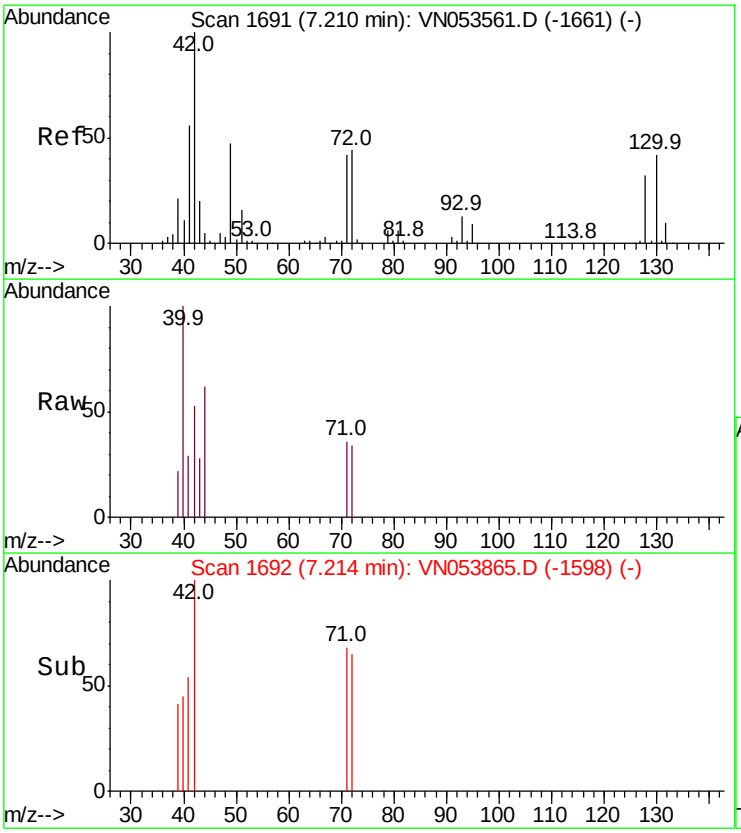
#25
2-Butanone
Concen: 2.525 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 43 Resp: 5827

Ion	Ratio	Lower	Upper
43	100		
72	21.8	22.0	33.0#

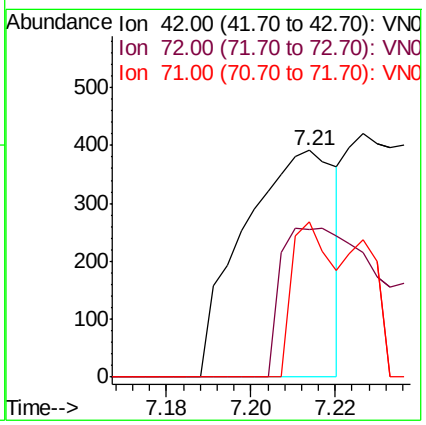


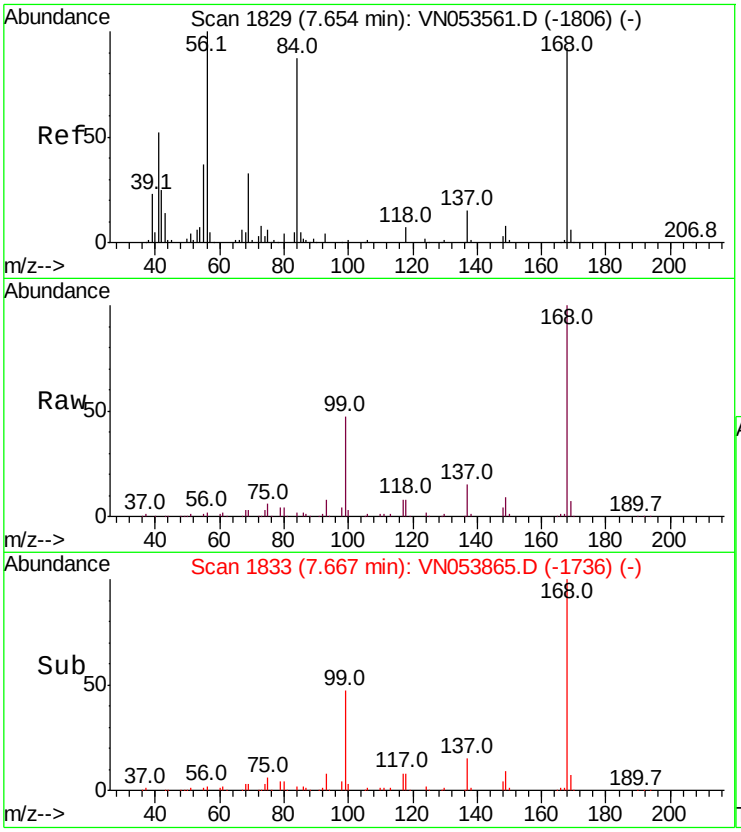


#29
Tetrahydrofuran
Concen: 0.400 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 42 Resp: 593

Ion	Ratio	Lower	Upper
42	100		
72	75.9	35.2	52.8#
71	29.7	33.0	49.4#



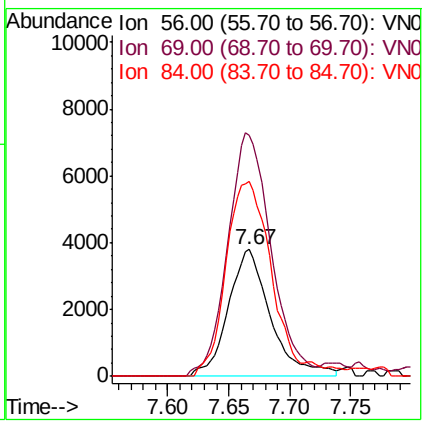


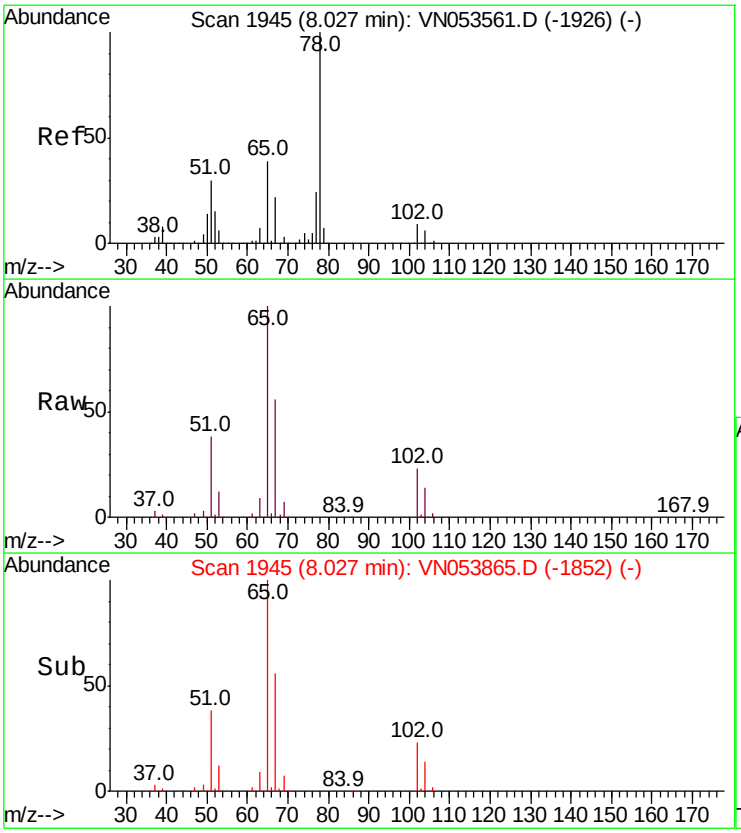
#31
Cyclohexane
Concen: 0.689 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 56 Resp: 9133

Ion	Ratio	Lower	Upper
56	100		
69	189.6	26.4	39.6#
84	153.5	67.9	101.9#

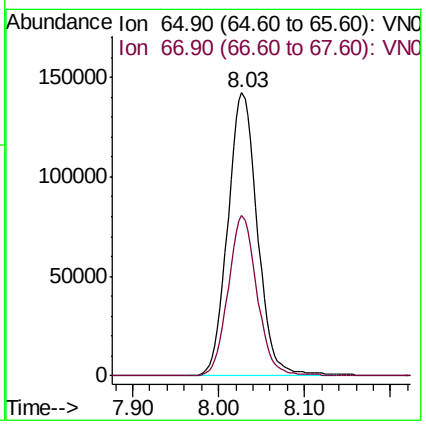


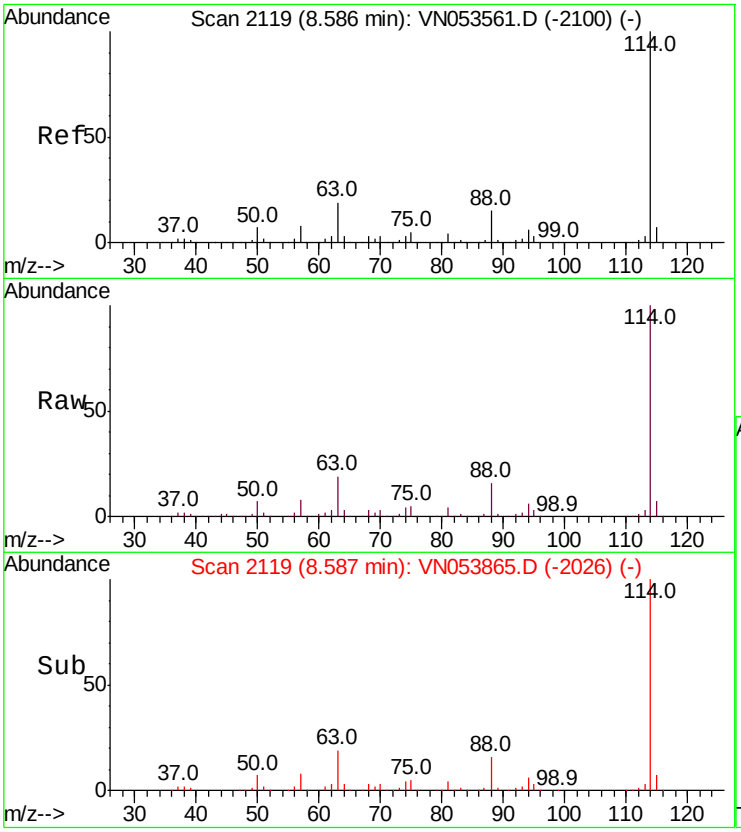


#33
1,2-Dichloroethane-d4
Concen: 53.969 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 65 Resp: 340408

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	111.2



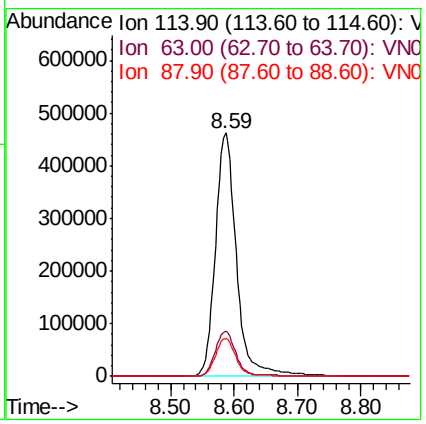


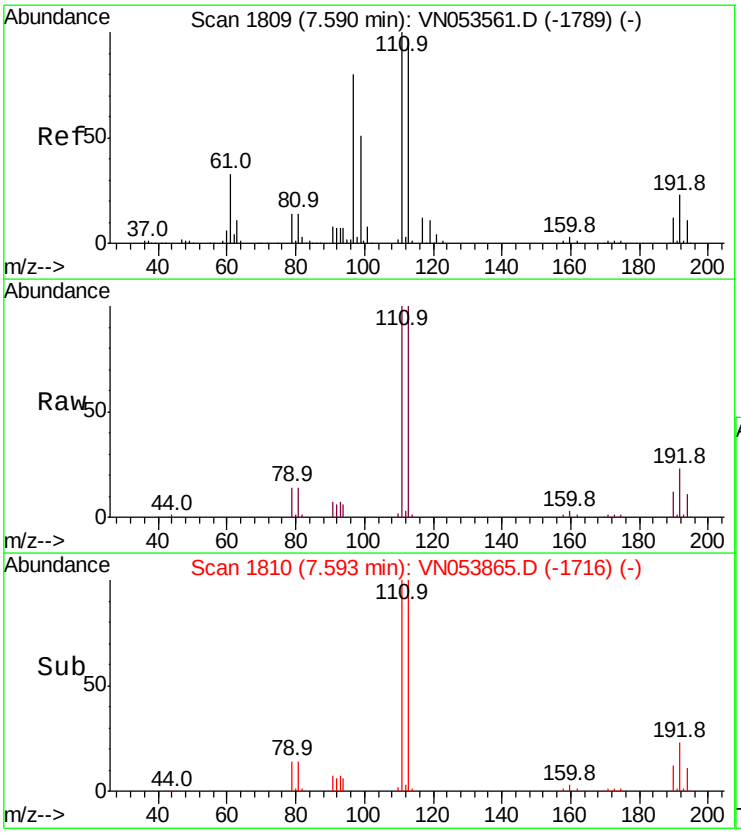
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion:114 Resp: 1062967

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.6
88	15.6	0.0	30.4

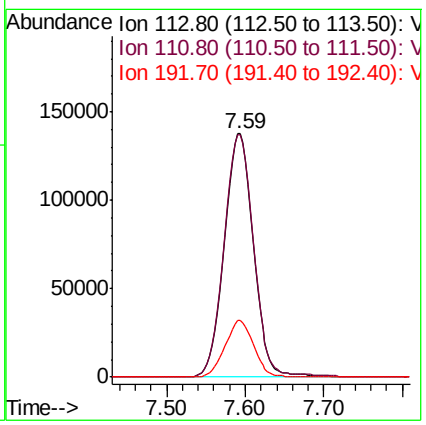


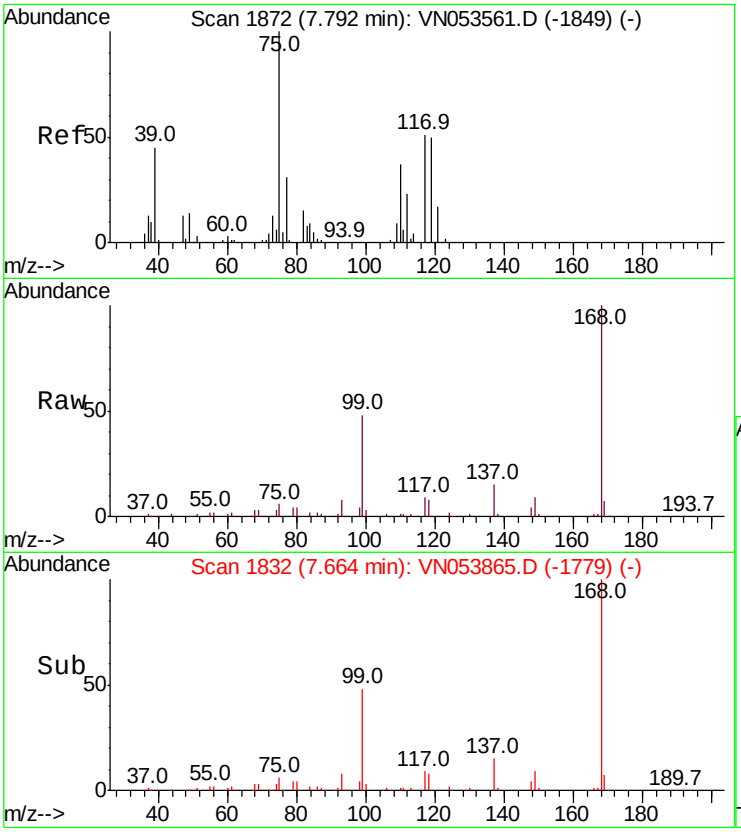


#35
Dibromofluoromethane
Concen: 52.586 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion:113 Resp: 353195

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	23.1	18.2	27.2



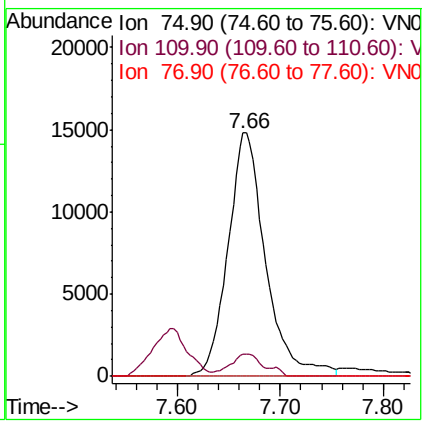


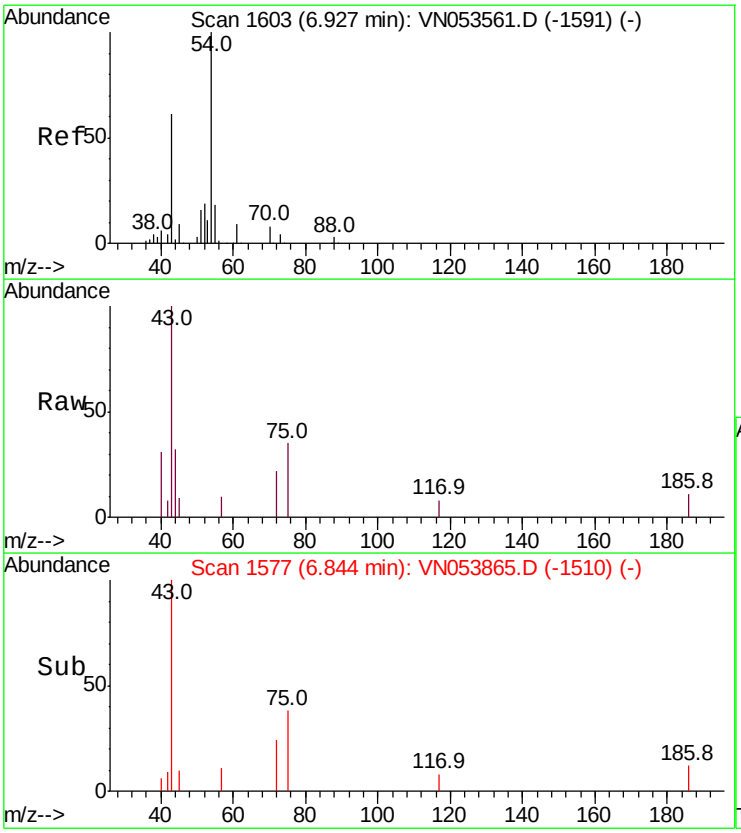
#36
1,1-Dichloropropene
Concen: 3.931 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 75 Resp: 37663

Ion	Ratio	Lower	Upper
75	100		
110	4.9	18.1	54.3#
77	0.0	25.1	37.7#

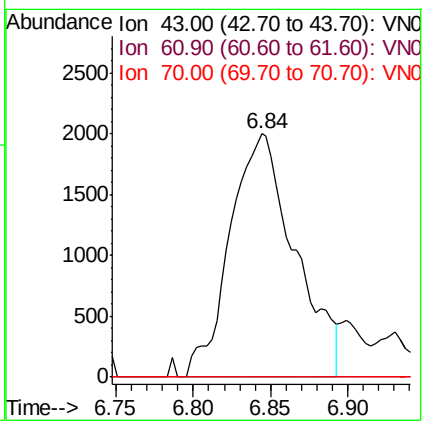


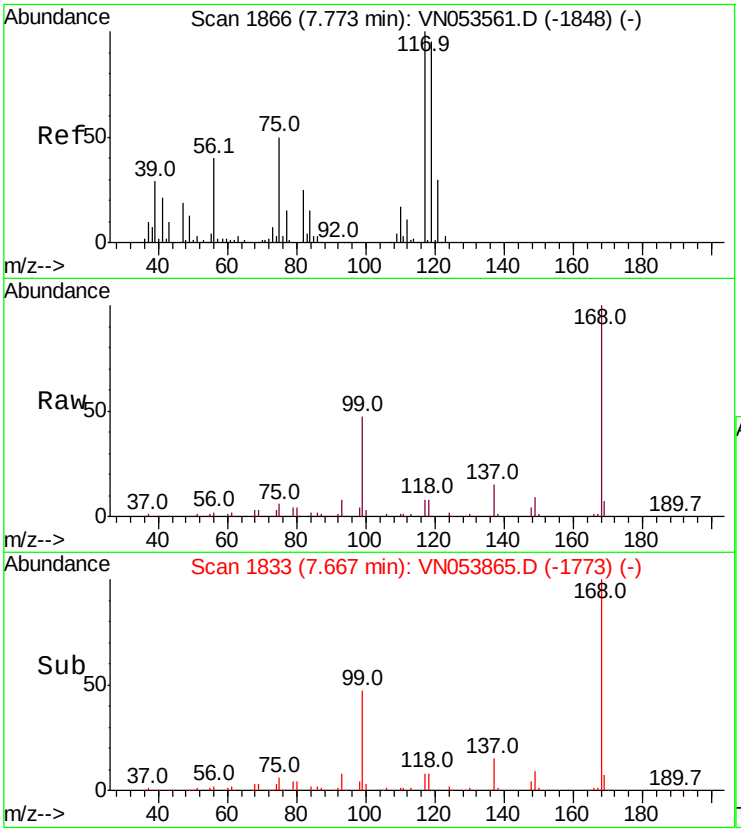


#37
Ethyl Acetate
Concen: 1.089 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.08 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 43 Resp: 5827

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	8.6	12.8#



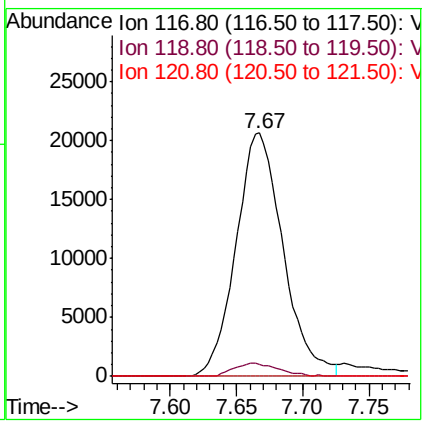


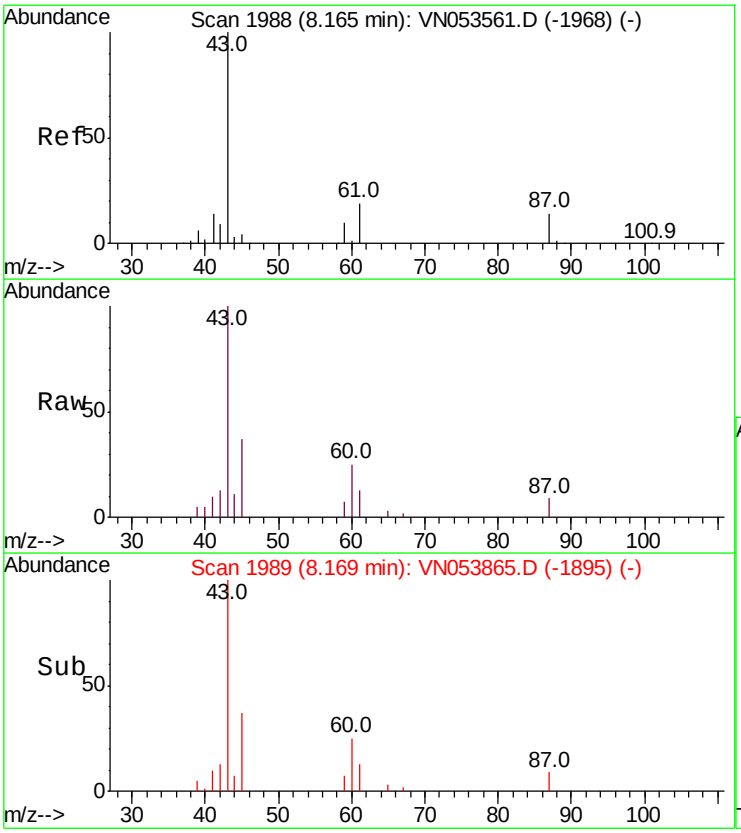
#38
Carbon Tetrachloride
Concen: 5.295 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion:117 Resp: 51111

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.2	115.8#
121	0.0	24.6	37.0#

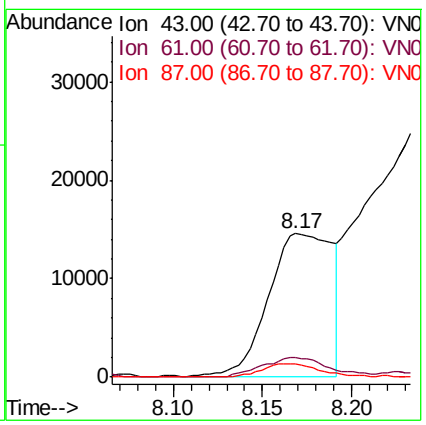


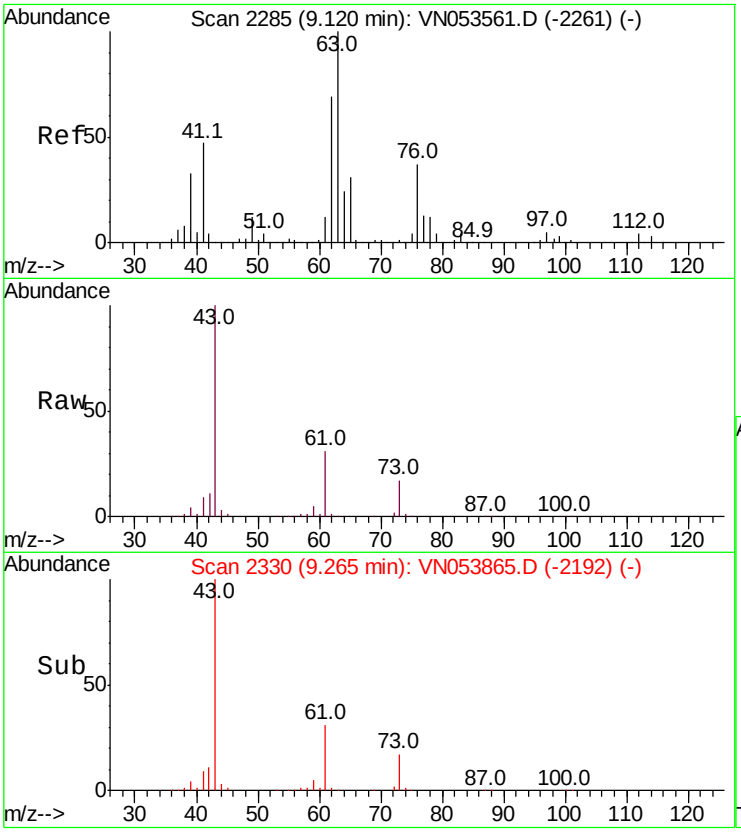


#43
Isopropyl Acetate
Concen: 3.526 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 43 Resp: 36440

Ion	Ratio	Lower	Upper
43	100		
61	14.2	23.9	35.9#
87	8.3	11.0	16.6#



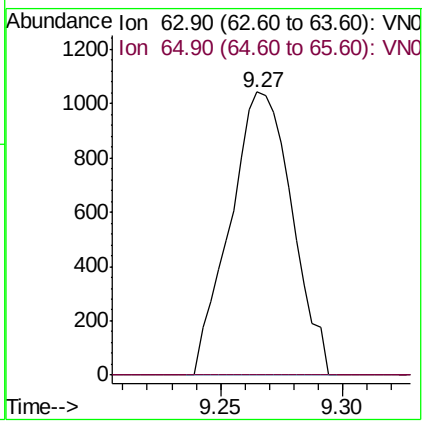


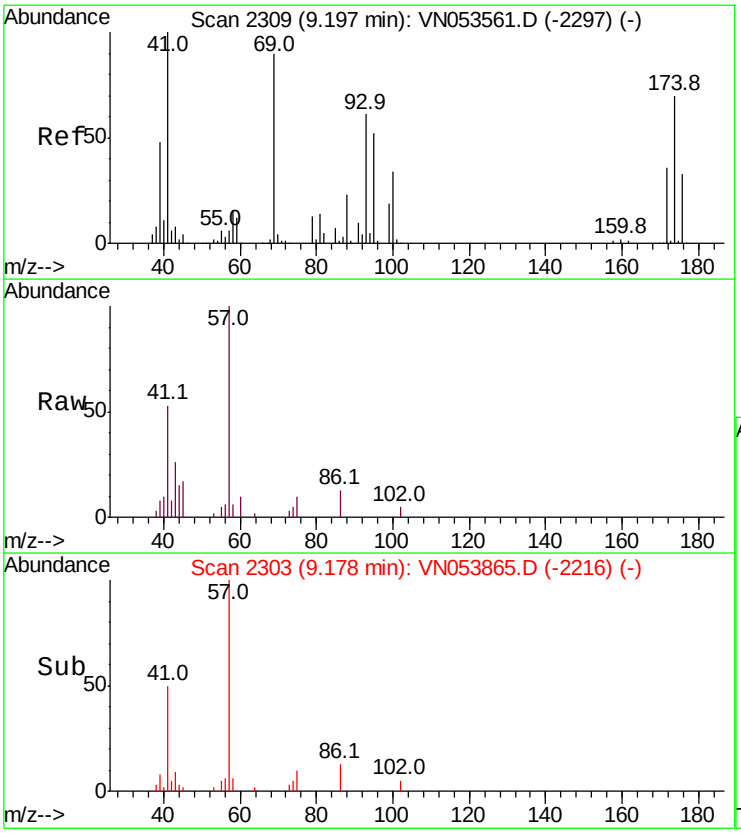
#45
1,2-Dichloropropane
Concen: 0.243 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument : MSVOA_N
ClientSampleId : CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 63 Resp: 1833

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

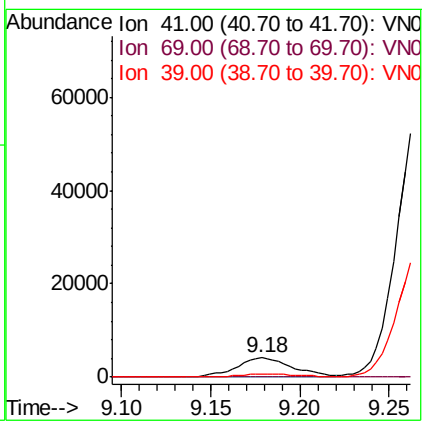


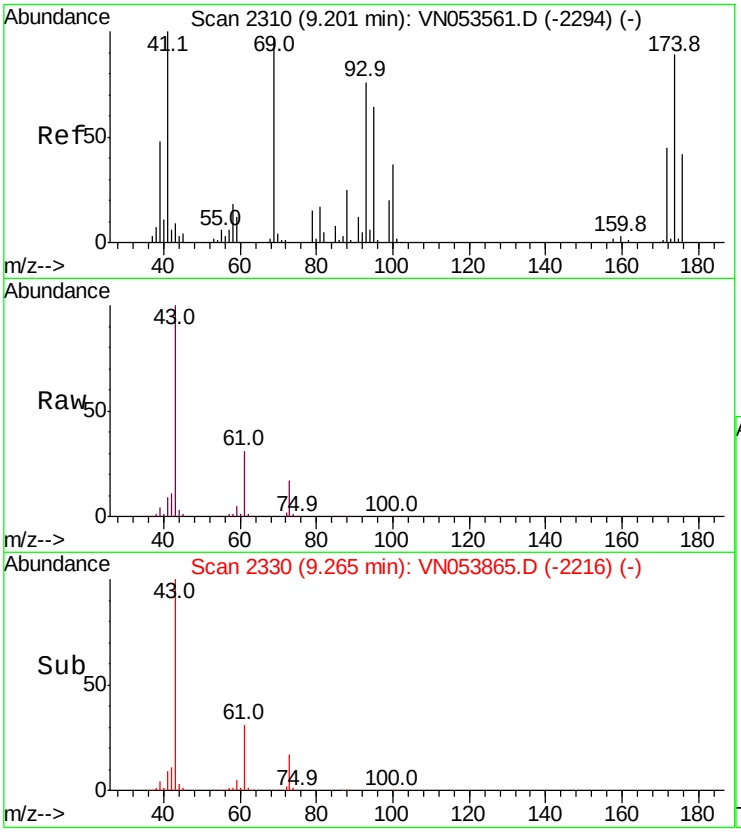


#48
Methyl methacrylate
Concen: 1.853 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 41 Resp: 9140

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	0.0	40.0	60.0#



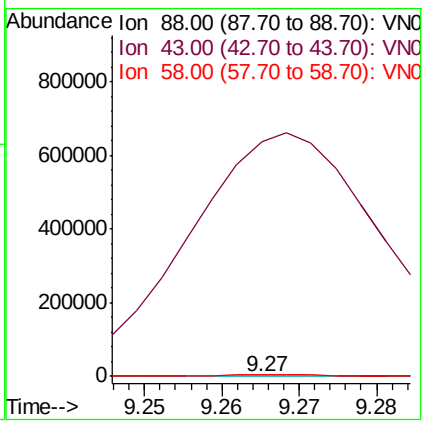


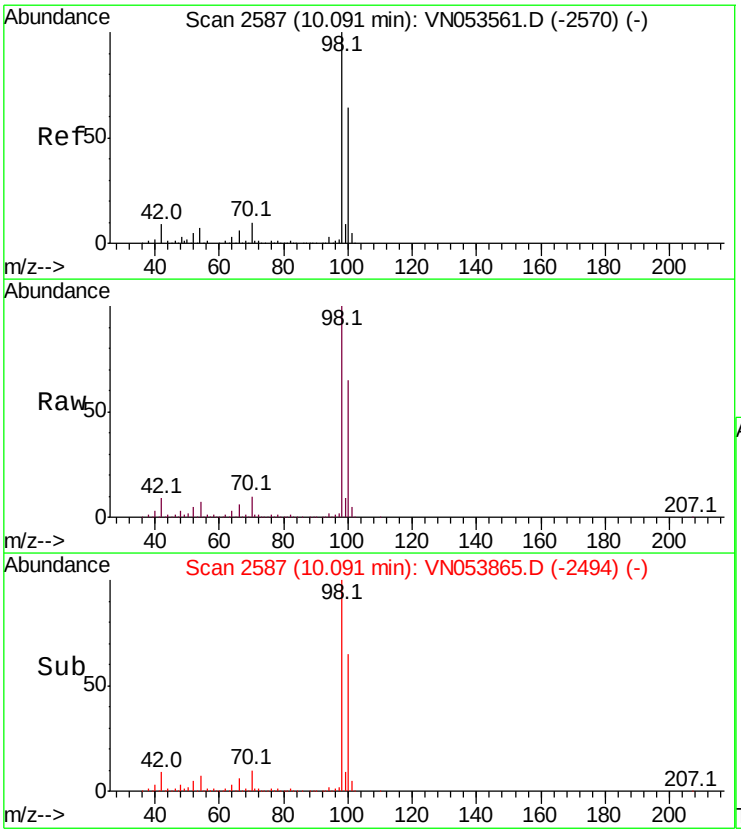
#49
1,4-Dioxane
Concen: 40.415 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
43	1342269.4	27.8	41.6#
58	6686.7	56.5	84.7#

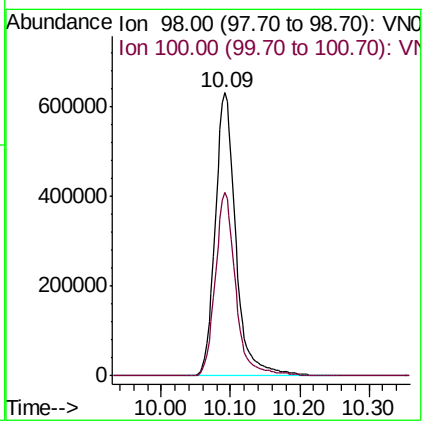


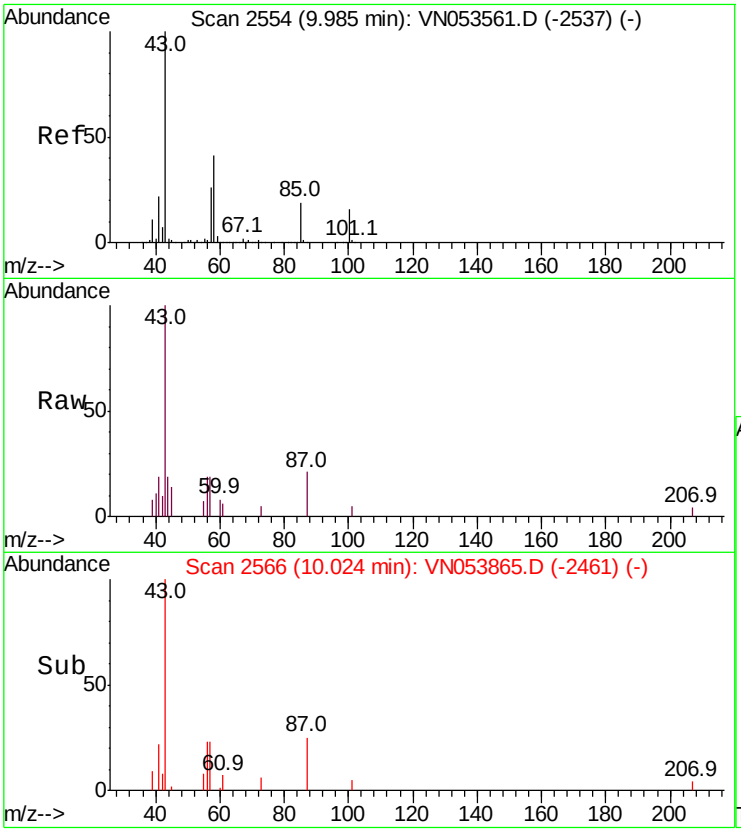


#50
Toluene-d8
Concen: 51.493 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 98 Resp: 1298629

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0



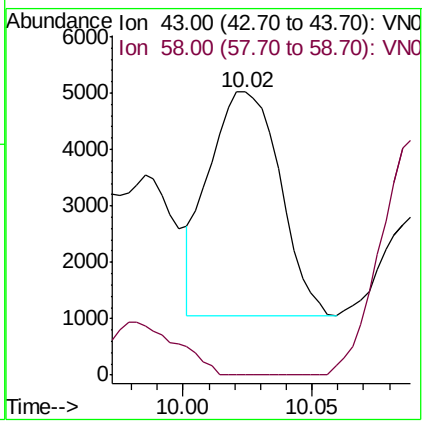


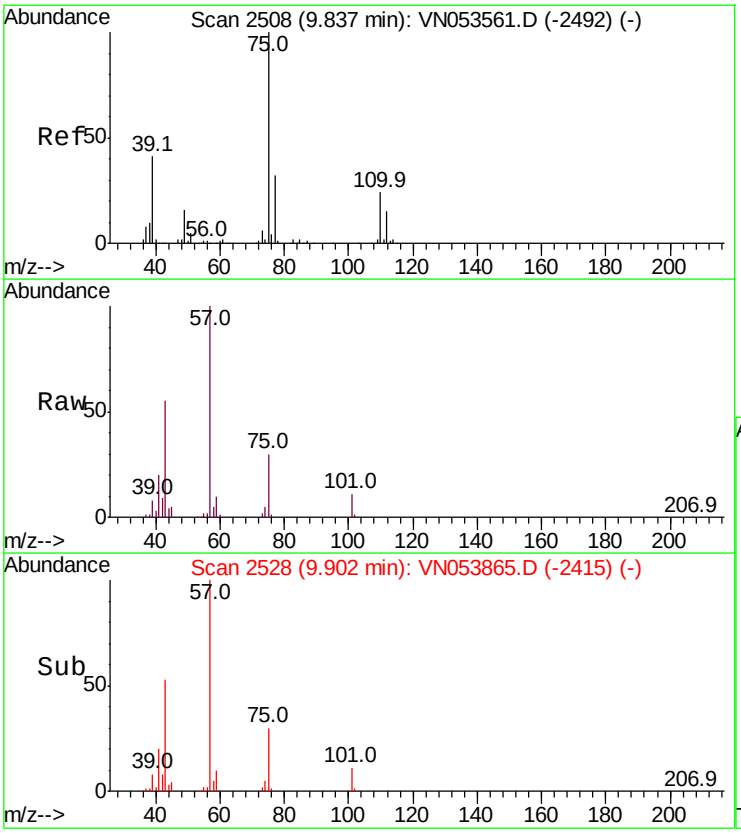
#51
4-Methyl-2-Pentanone
Concen: 1.496 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 43 Resp: 7597

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#

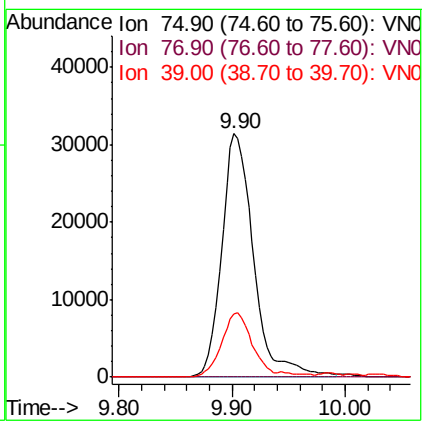


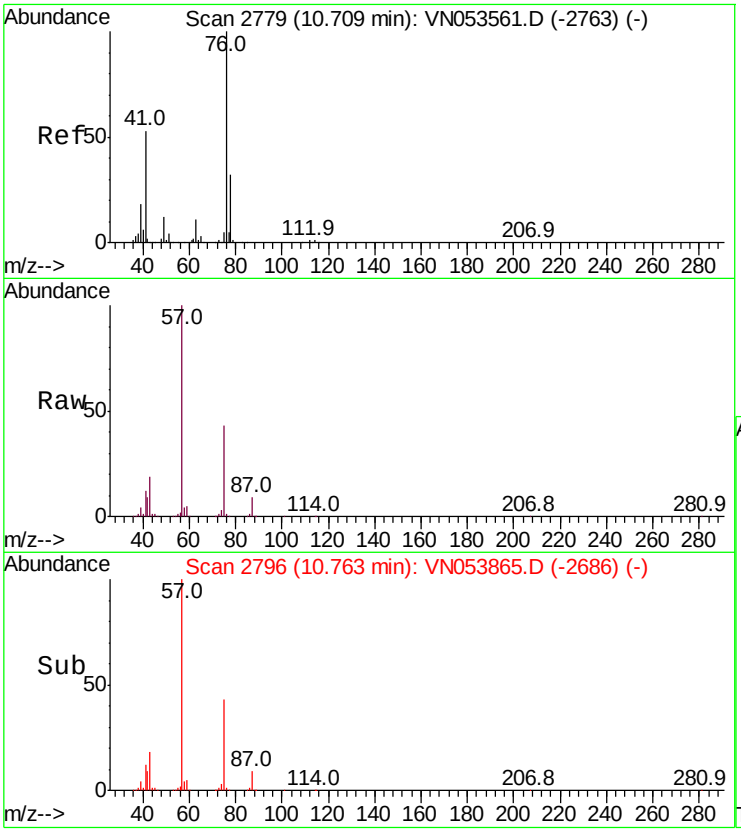


#54
cis-1,3-Dichloropropene
Concen: 5.474 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.06 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 75 Resp: 61525

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	26.1	33.4	50.0#



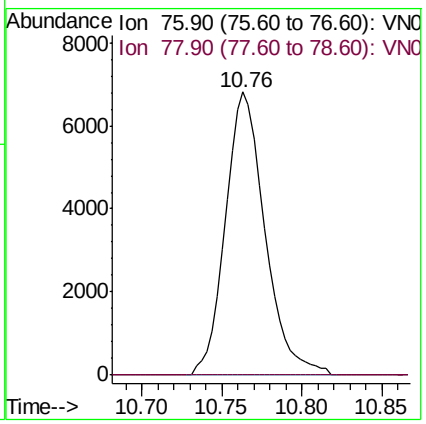


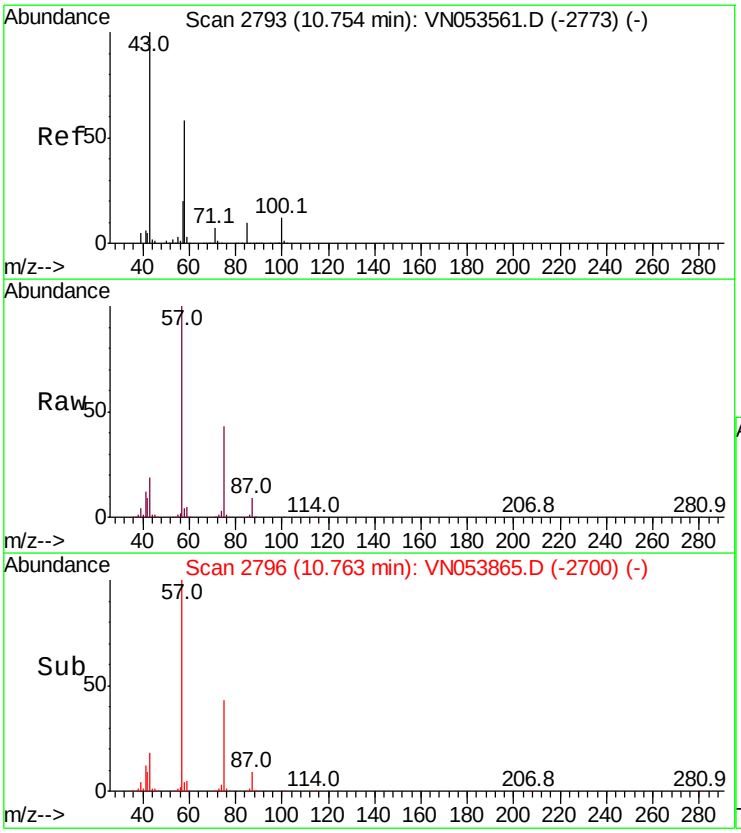
#57
1,3-Dichloropropane
Concen: 1.064 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 76 Resp: 11490

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

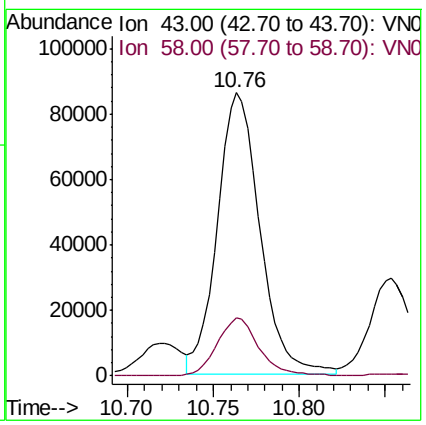


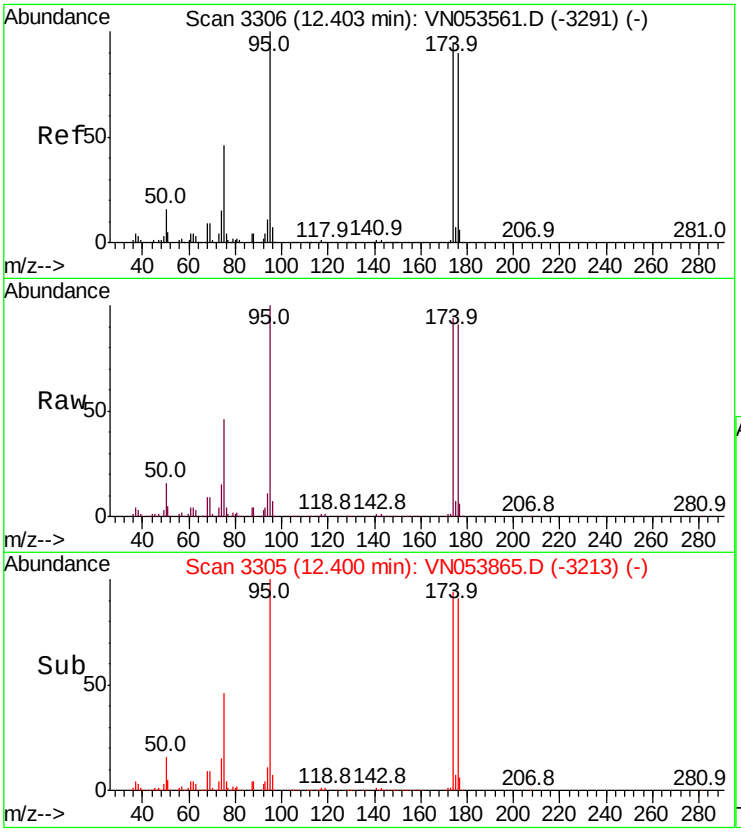


#59
2-Hexanone
Concen: 43.013 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 43 Resp: 148300

Ion	Ratio	Lower	Upper
43	100		
58	20.5	28.6	85.8#



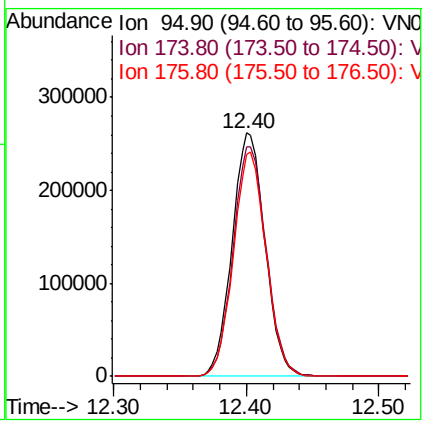


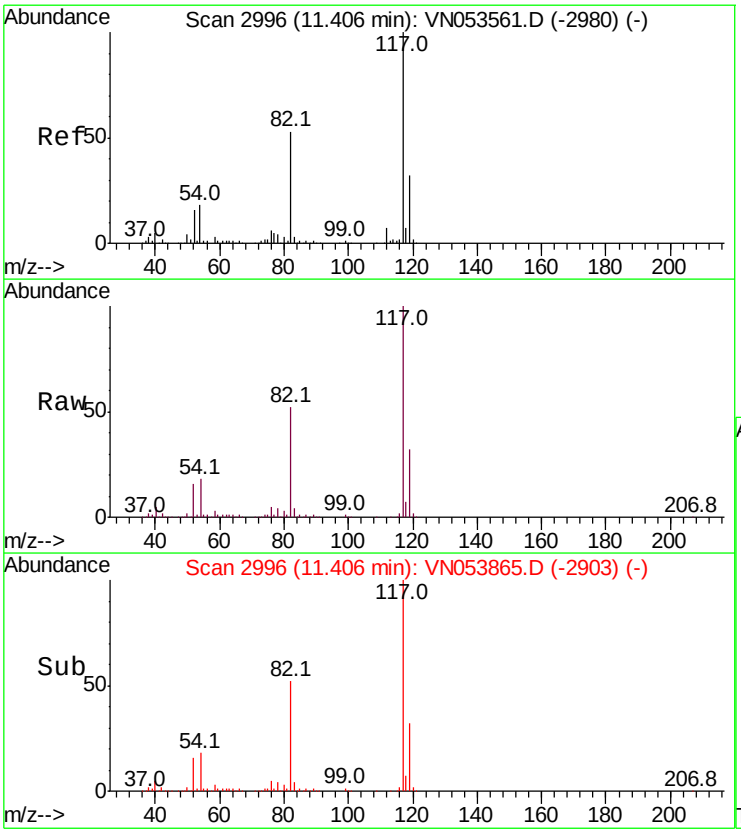
#62
4-Bromofluorobenzene
Concen: 53.535 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 95 Resp: 450285

Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	183.2
176	91.4	0.0	177.4

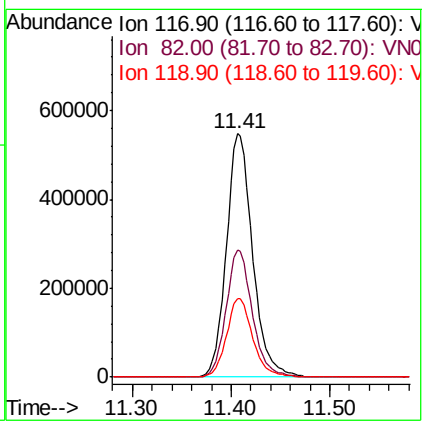


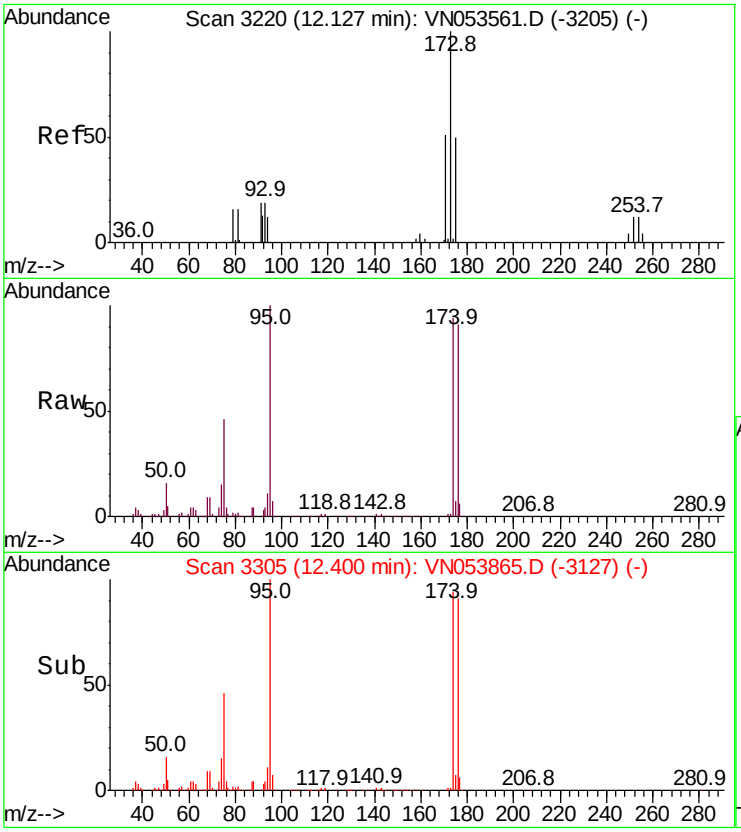


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion:117 Resp: 1016847

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.9	64.3
119	32.5	26.0	39.0



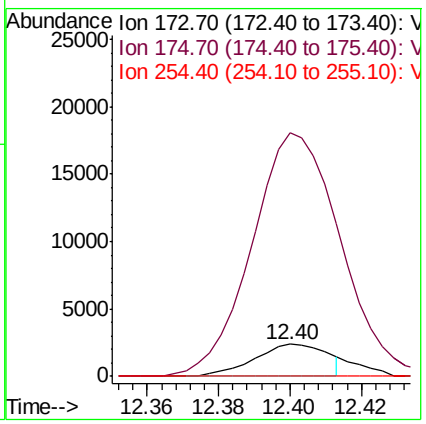


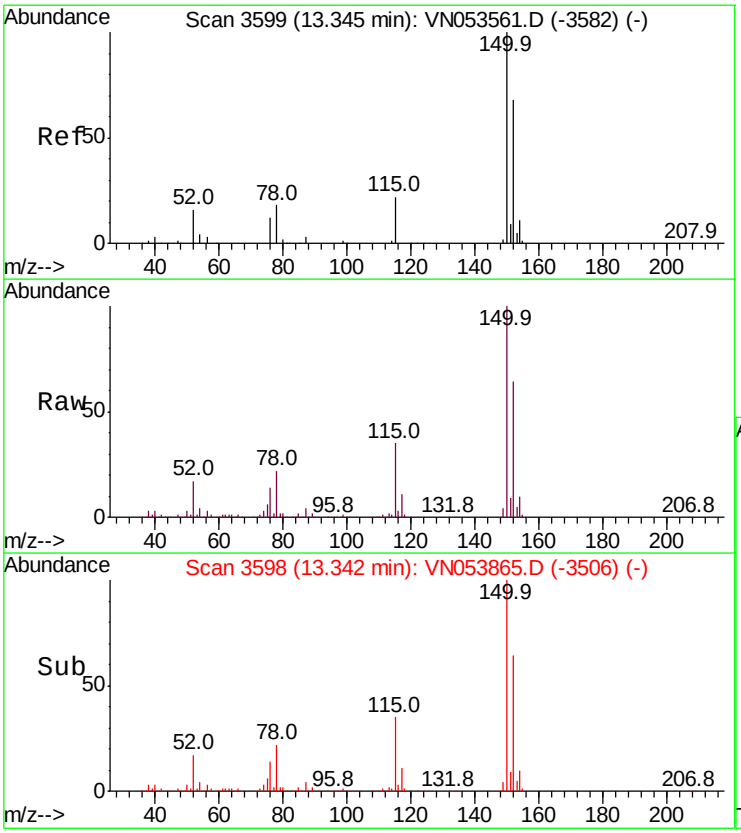
#71
Bromoform
Concen: 0.649 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion:173 Resp: 3356

Ion	Ratio	Lower	Upper
173	100		
175	795.8	24.6	74.0#
254	0.0	0.2	0.2#

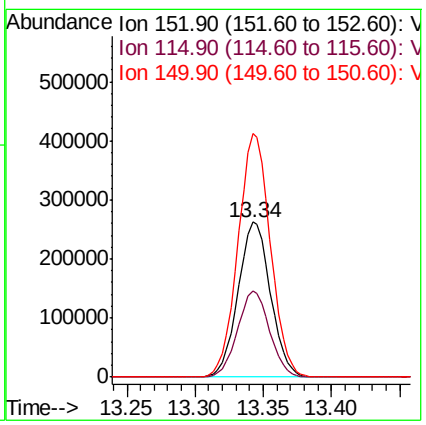


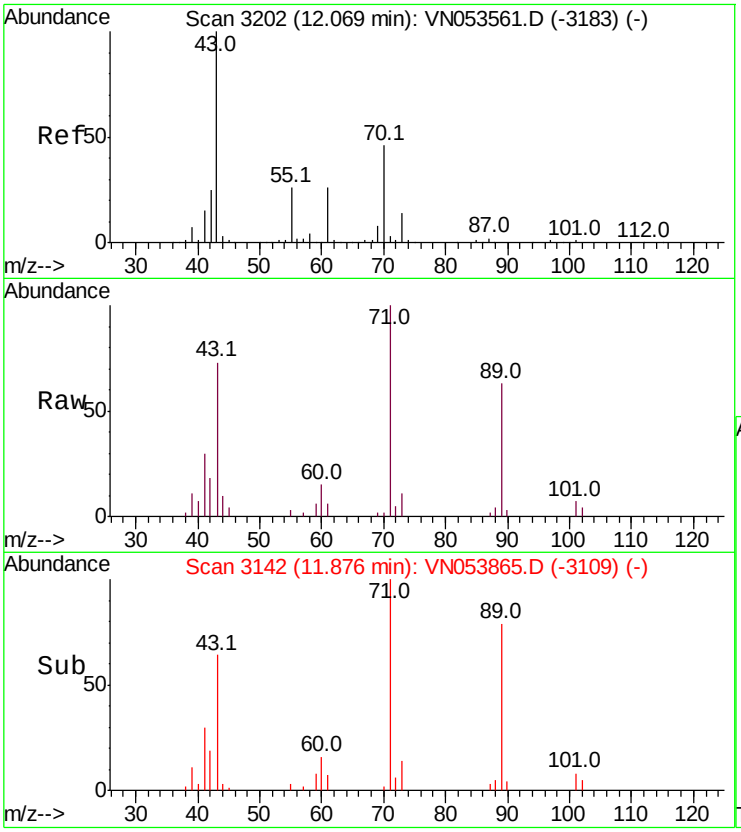


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion:152 Resp: 432842

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.4
150	156.4	0.0	349.0



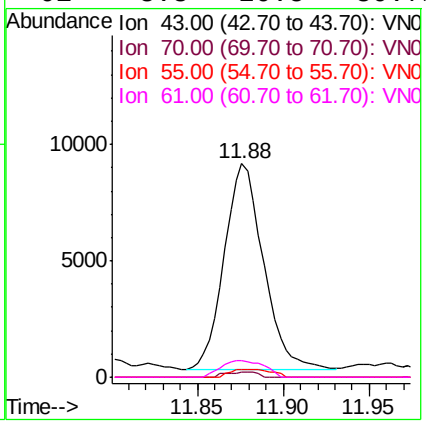


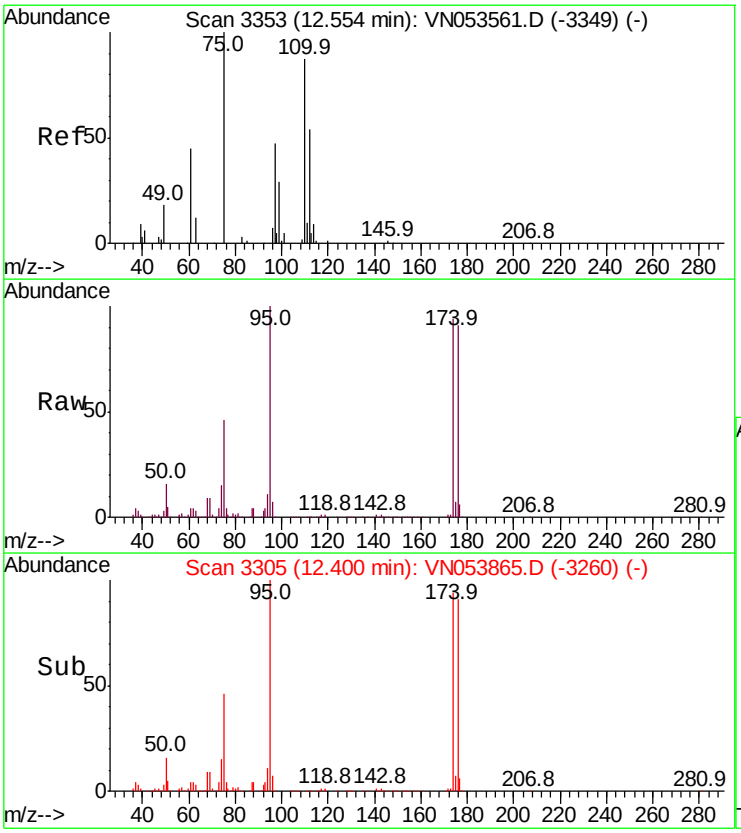
#74
N-amyl acetate
Concen: 1.918 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 43 Resp: 14037

Ion	Ratio	Lower	Upper
43	100		
70	2.2	35.4	53.2#
55	4.1	20.9	31.3#
61	8.8	20.5	30.7#

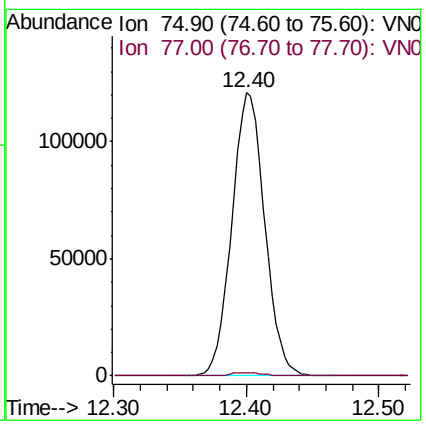


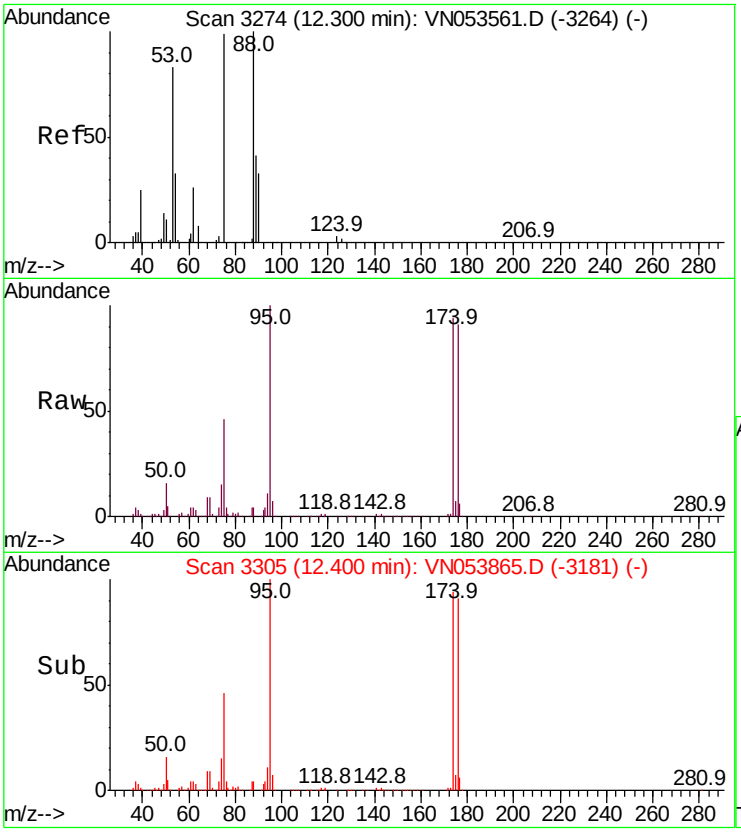


#76
1,2,3-Trichloropropane
Concen: 37.377 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion: 75 Resp: 207798

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



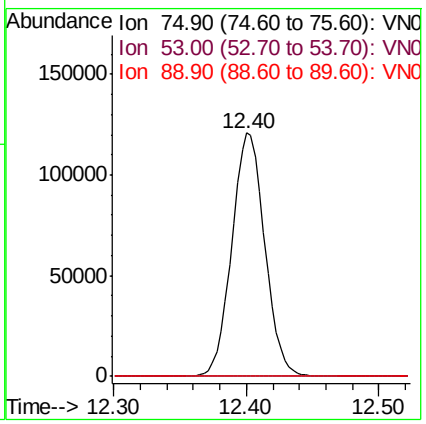


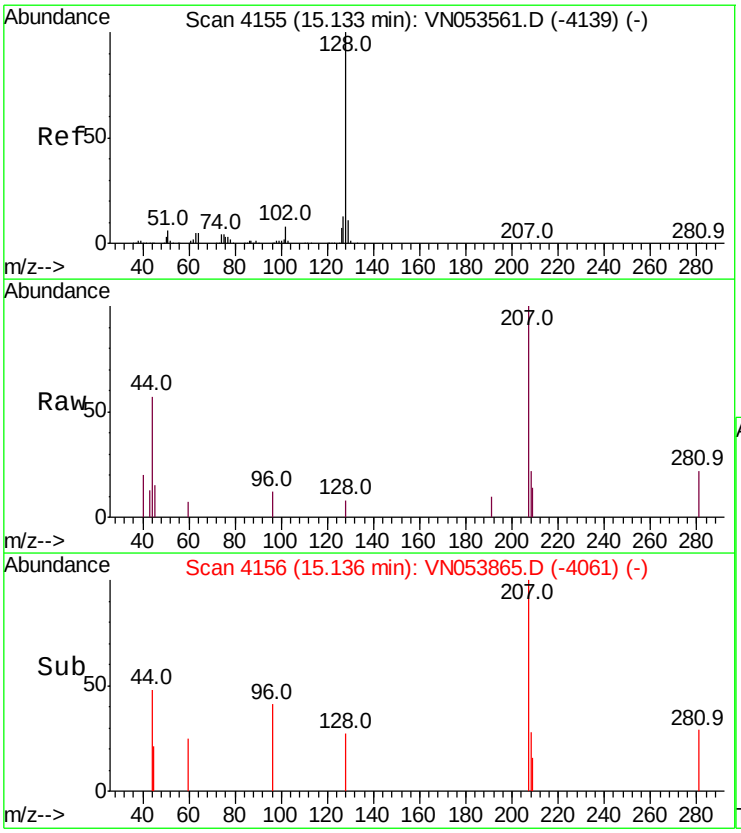
#81
trans-1,4-Dichloro-2-butene
Concen: 105.100 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-B-10

Tgt Ion: 75 Resp: 207798

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#





#95
Naphthalene
Concen: 1.739 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053865.D
Acq: 19 Feb 2019 13:21

Tgt Ion:128 Resp: 63

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#