Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052936.D
Acq On : 17 Dec 2018 19:11
Operator : MD\SY
Sample : PB115729ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 18 04:46:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1347583	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	2098945	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1903493	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	768570	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	691367	48.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.50%				
35) Dibromofluoromethane	7.59	113	453103	38.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.34%				
50) Toluene-d8	10.09	98	2583109	50.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.70%				
62) 4-Bromofluorobenzene	12.40	95	865770	50.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.60%				
Target Compounds							Qvalue
13) Acrolein	3.61	56	328	0.435	ug/l	#	73
16) Acetone	3.82	43	22098	6.867	ug/l		92
18) Methyl Acetate	4.33	43	9226	0.781	ug/l		93
20) Methylene Chloride	4.55	84	25400	1.754	ug/l		97
25) 2-Butanone	6.83	43	1280	0.256	ug/l	#	49
29) Tetrahydrofuran	7.22	42	1192	0.350	ug/l	#	83
31) Cyclohexane	7.67	56	22580	0.354	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	90539	4.684	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	116154	6.529	ug/l	#	16
43) Isopropyl Acetate	8.30	43	1042280	43.781	ug/l	#	53
45) 1,2-Dichloropropane	9.27	63	4200	0.276	ug/l	#	44
48) Methyl methacrylate	9.18	41	21281	2.038	ug/l	#	23
49) 1,4-Dioxane	9.26	88	454	3.831	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	26670	2.443	ug/l	#	35
54) cis-1,3-Dichloropropene	9.90	75	171984	7.849	ug/l	#	60
57) 1,3-Dichloropropane	10.76	76	33250	1.546	ug/l	#	43
59) 2-Hexanone	10.76	43	451882	60.403	ug/l	#	50
71) Bromoform	12.40	173	5365	0.575	ug/l	#	1
74) N-amyl acetate	11.98	43	3262	0.207	ug/l	#	47
76) 1,2,3-Trichloropropane	12.40	75	401158	35.377	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	9944	0.215	ug/l		96
81) trans-1,4-Dichloro-2-buten	12.40	75	401158	113.649	ug/l	#	12

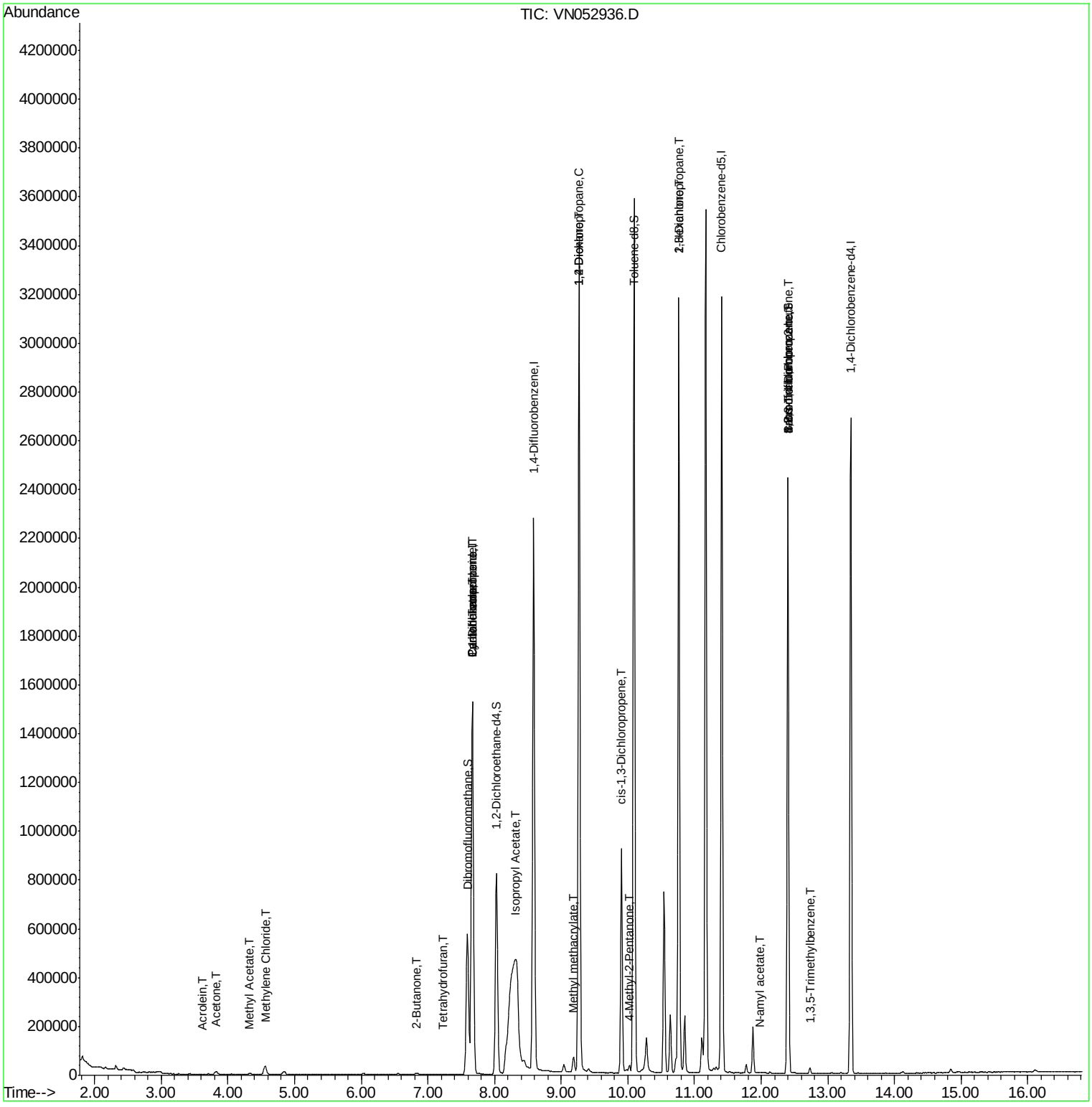
(#) = qualifier out of range (m) = manual integration (+) = signals summed

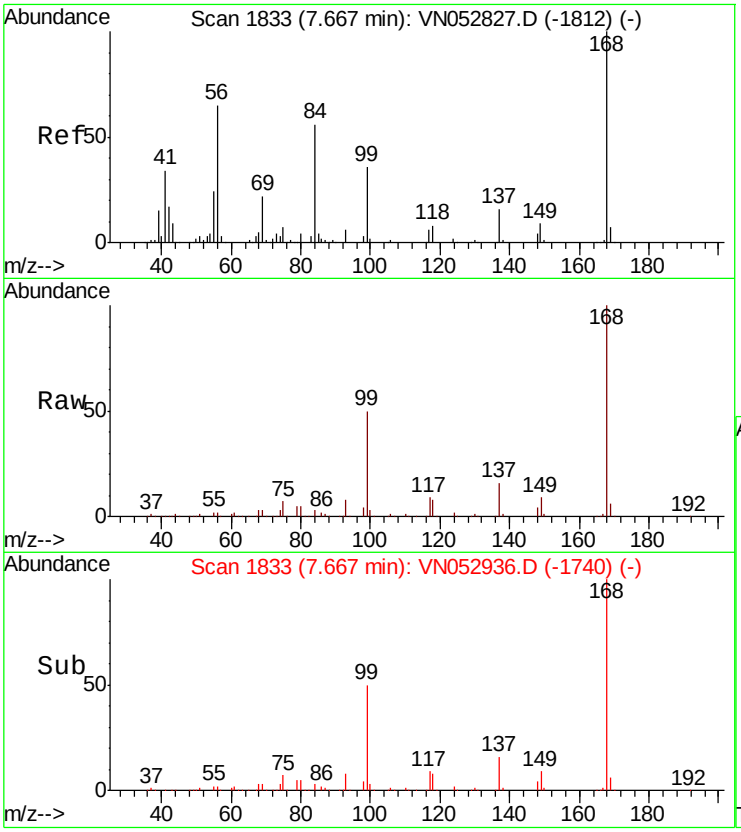
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052936.D
Acq On : 17 Dec 2018 19:11
Operator : MD\SY
Sample : PB115729ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 18 04:46:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration



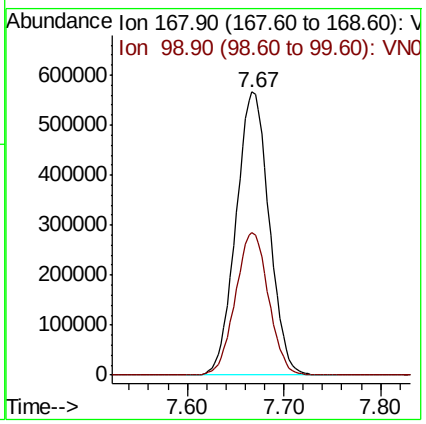


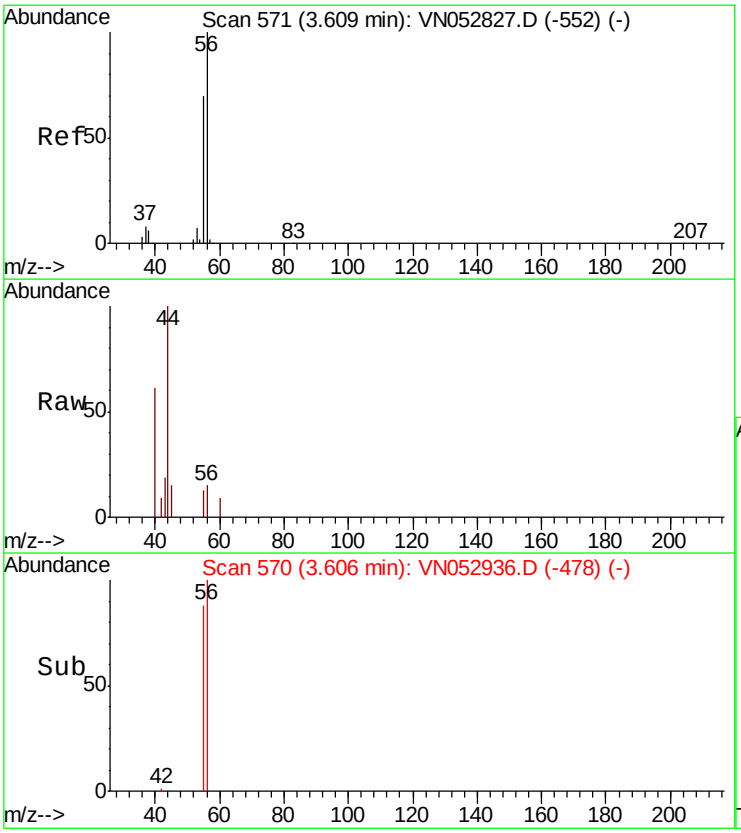
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1347583

Ion	Ratio	Lower	Upper
168	100		
99	50.2	40.2	60.2

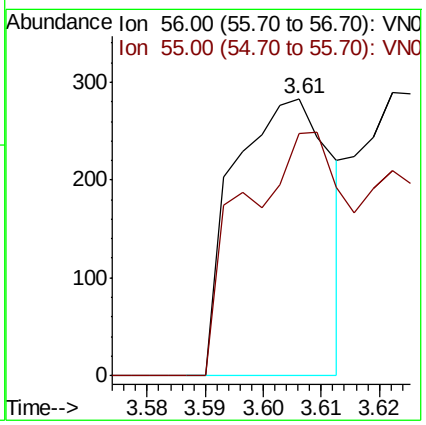


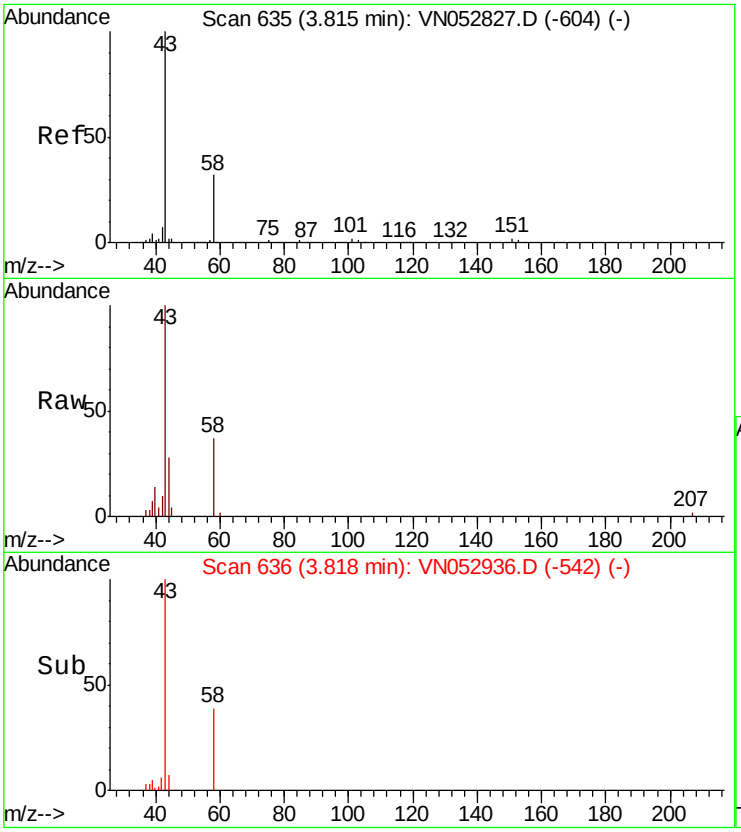


#13
Acrolein
Concen: 0.435 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 56 Resp: 328

Ion	Ratio	Lower	Upper
56	100		
55	93.3	56.6	85.0#



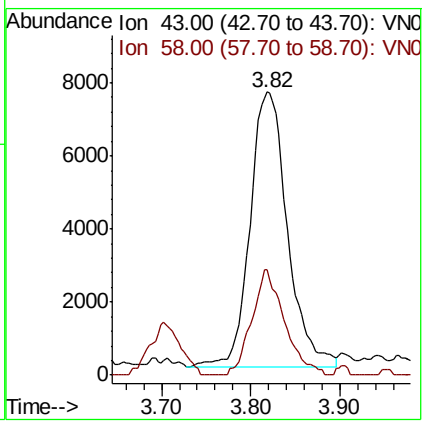


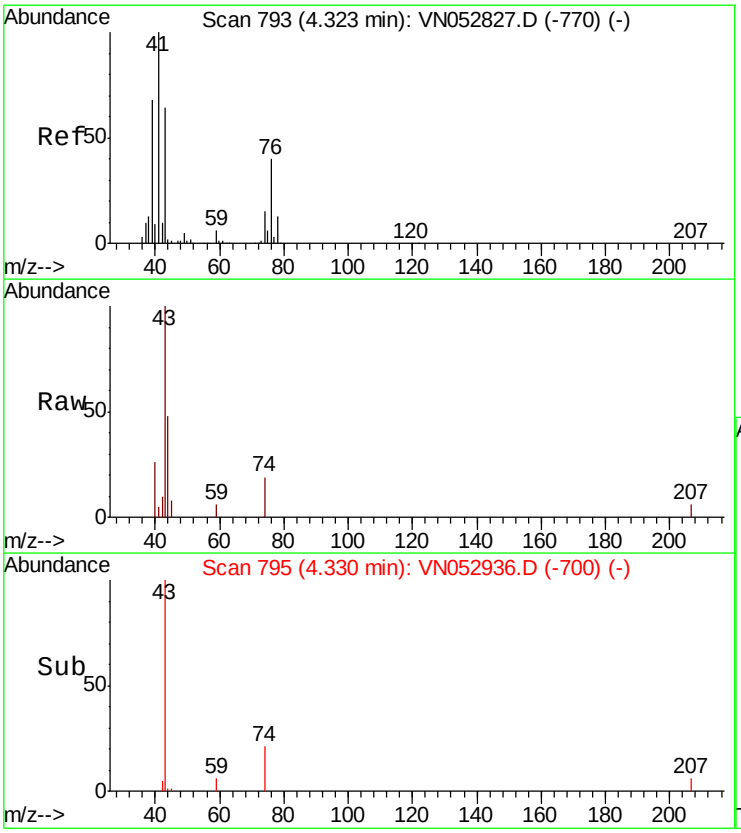
#16
Acetone
Concen: 6.867 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 22098

Ion	Ratio	Lower	Upper
43	100		
58	36.0	25.4	38.0

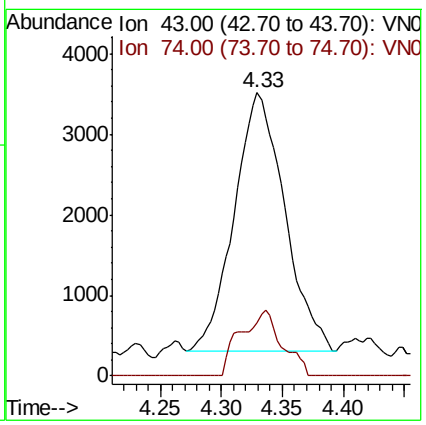


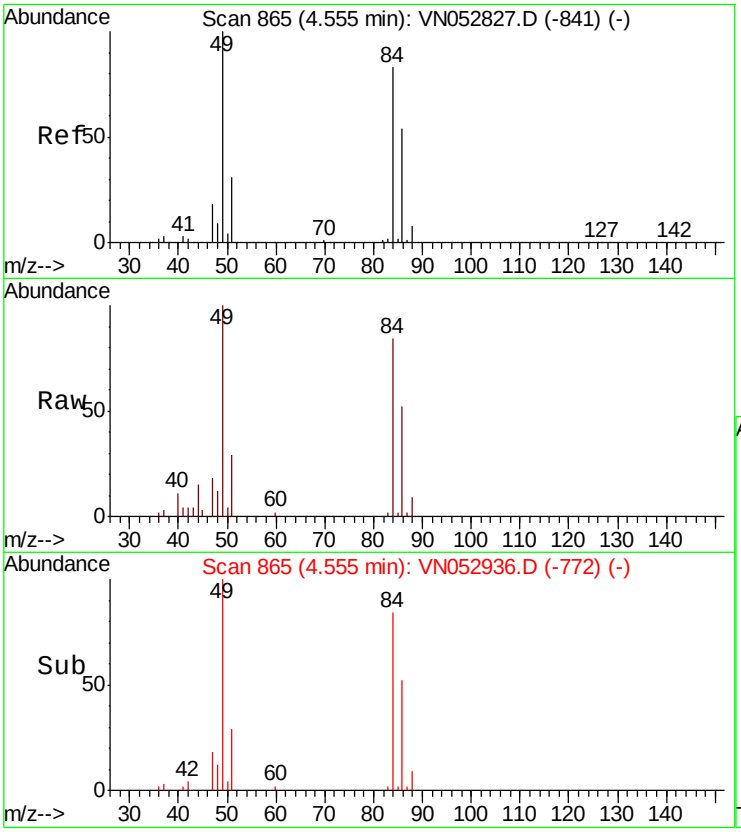


#18
Methyl Acetate
Concen: 0.781 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 43 Resp: 9226

Ion	Ratio	Lower	Upper
43	100		
74	20.8	19.2	28.8



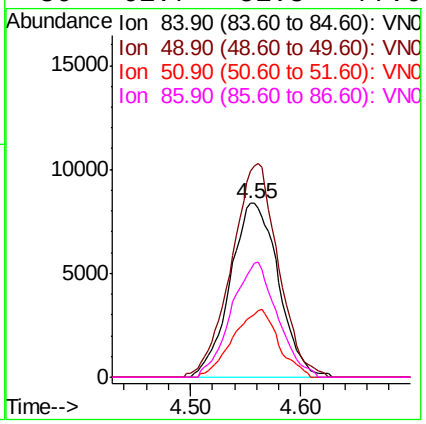


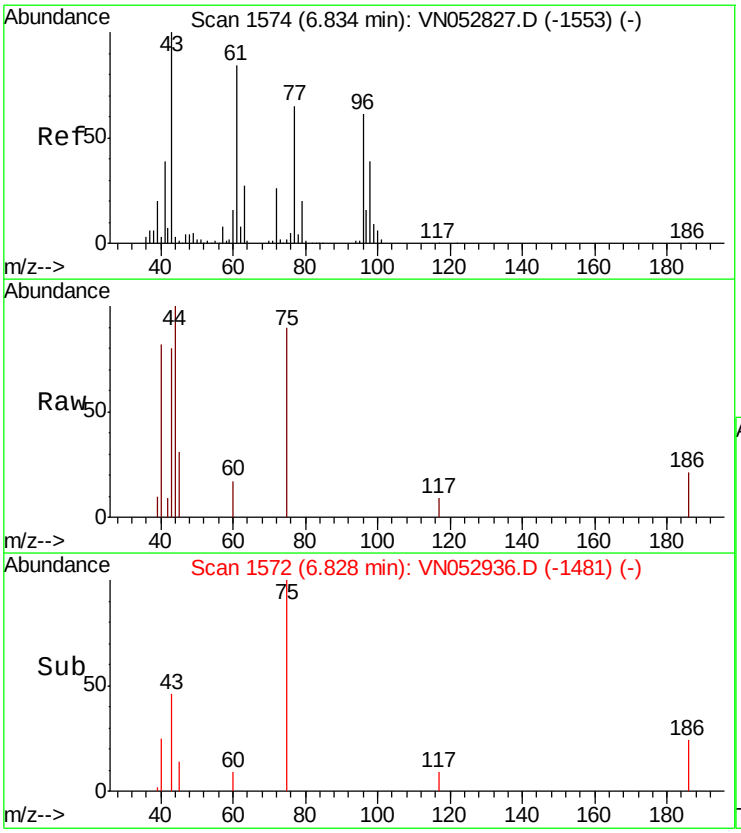
#20
Methylene Chloride
Concen: 1.754 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 25400

Ion	Ratio	Lower	Upper
84	100		
49	118.7	96.8	145.2
51	34.8	29.9	44.9
86	61.7	51.8	77.6

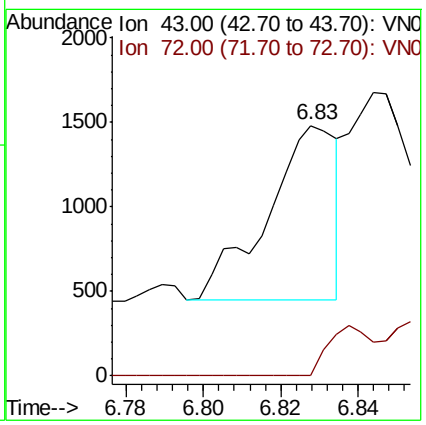


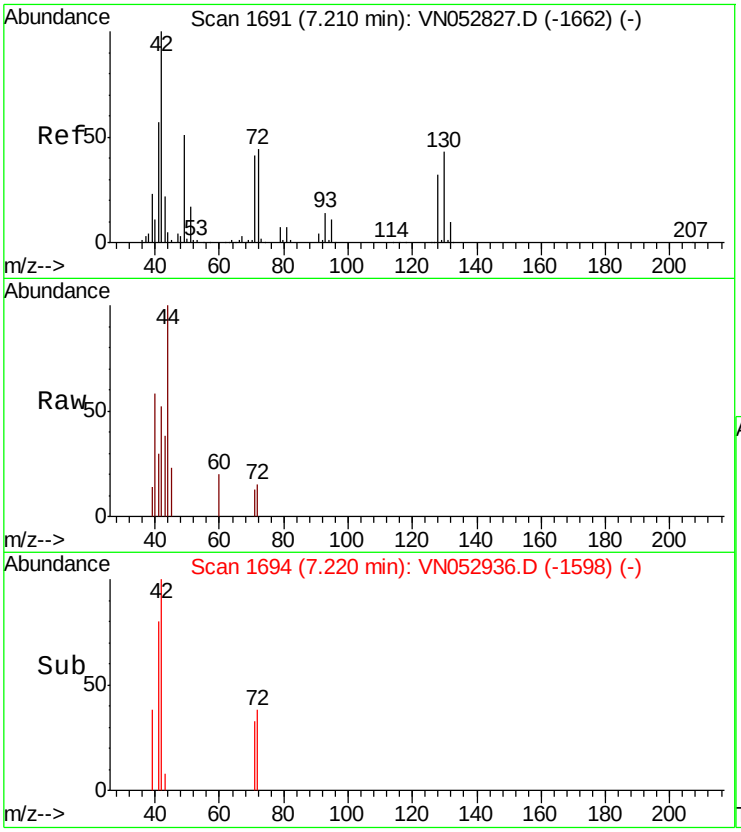


#25
2-Butanone
Concen: 0.256 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 43 Resp: 1280

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



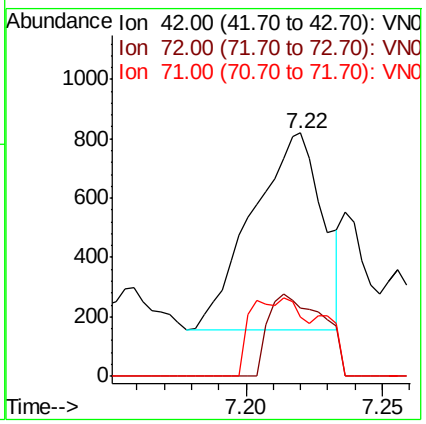


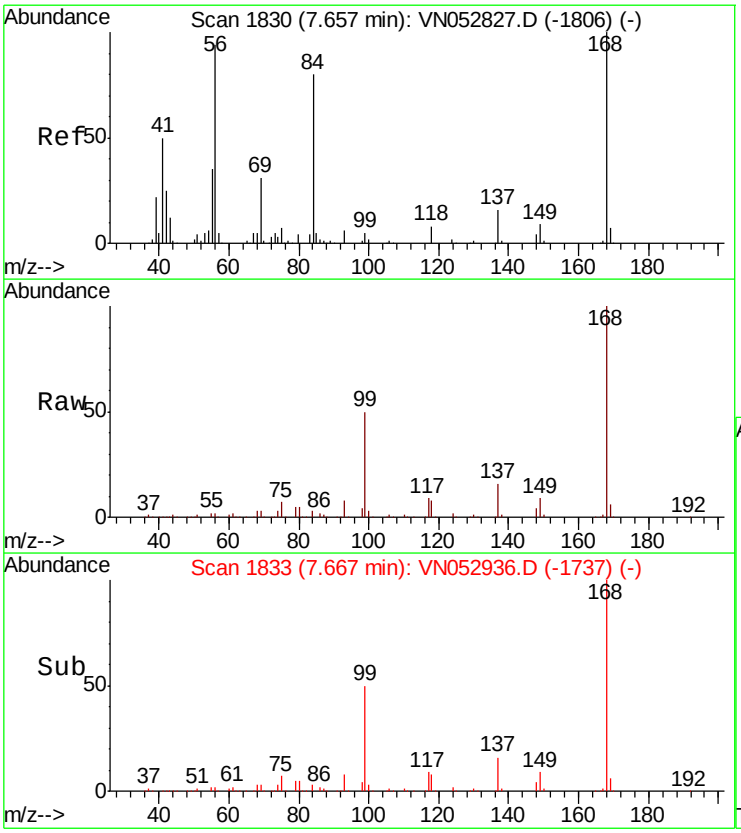
#29
Tetrahydrofuran
Concen: 0.350 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1192

Ion	Ratio	Lower	Upper
42	100		
72	32.3	34.7	52.1#
71	29.7	32.3	48.5#

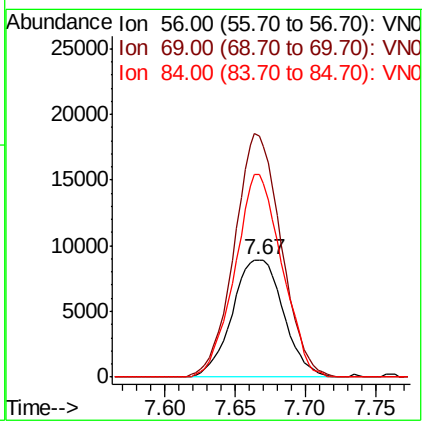


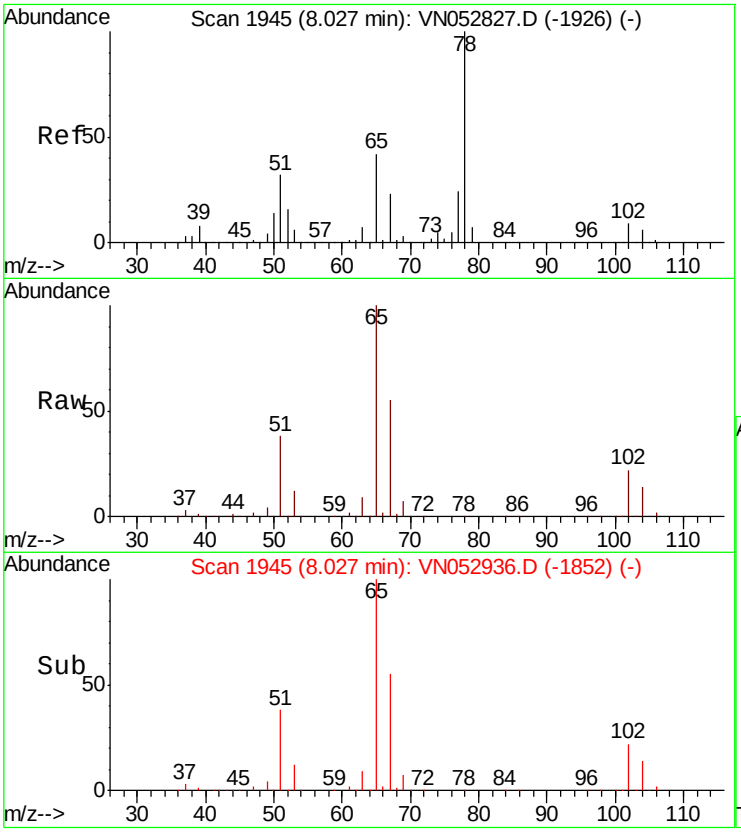


#31
Cyclohexane
Concen: 0.354 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 56 Resp: 22580

Ion	Ratio	Lower	Upper
56	100		
69	205.8	26.6	39.8#
84	172.3	68.4	102.6#



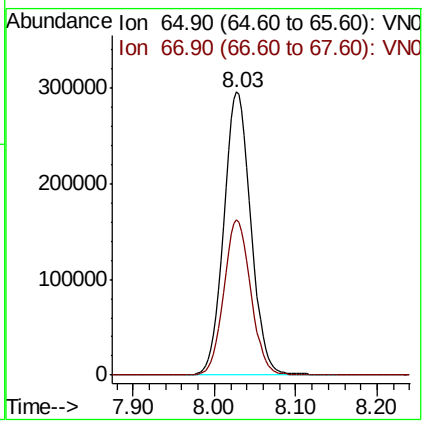


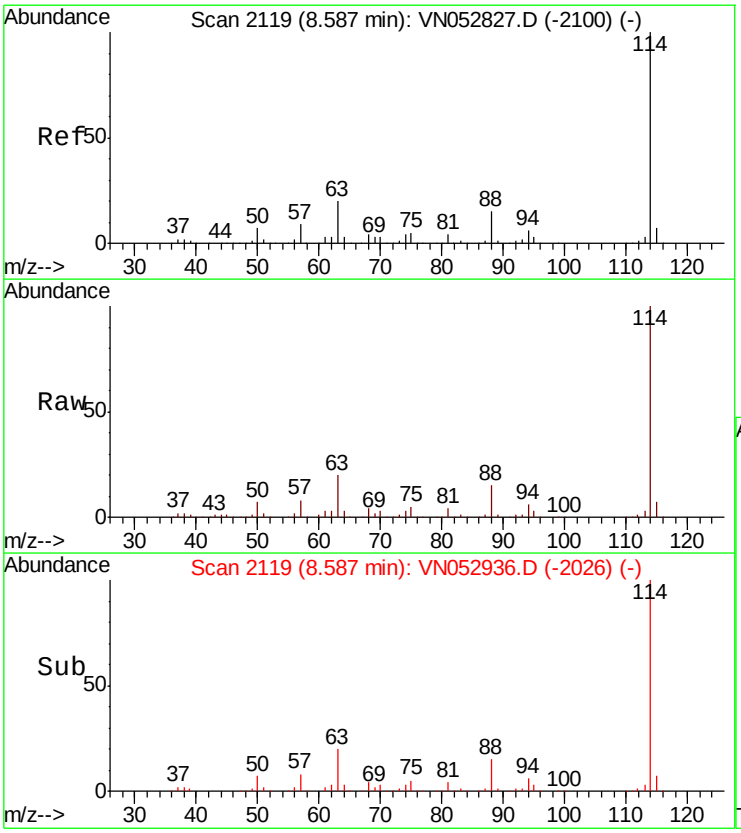
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 691367

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.4

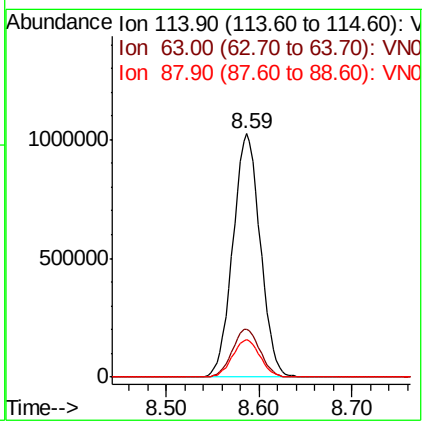


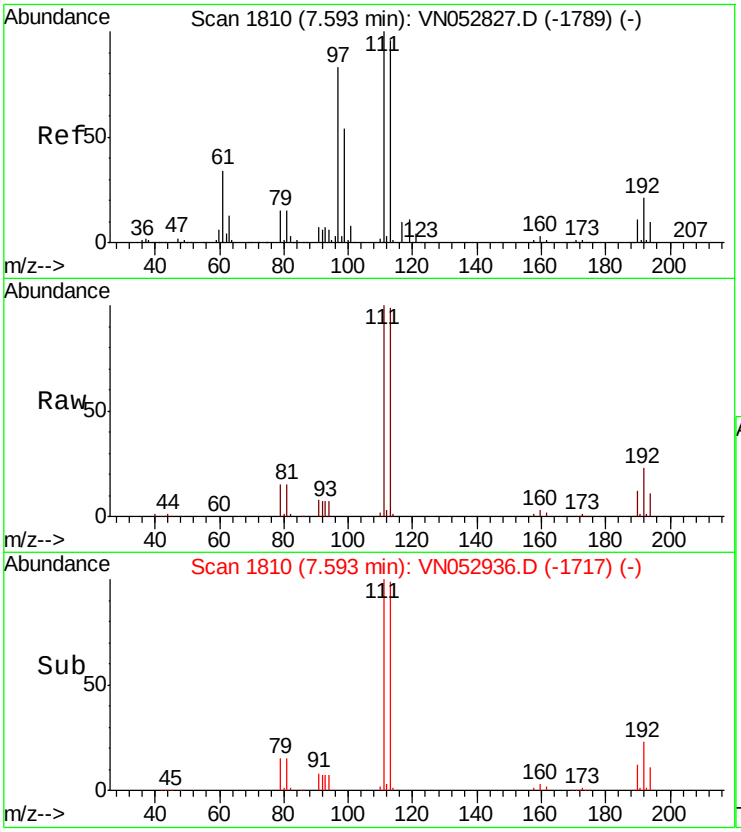


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion:114 Resp: 2098945

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.3	0.0	31.0



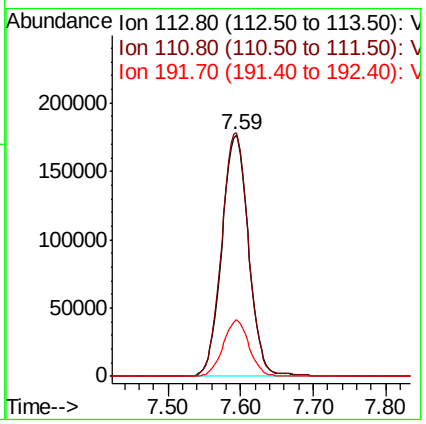


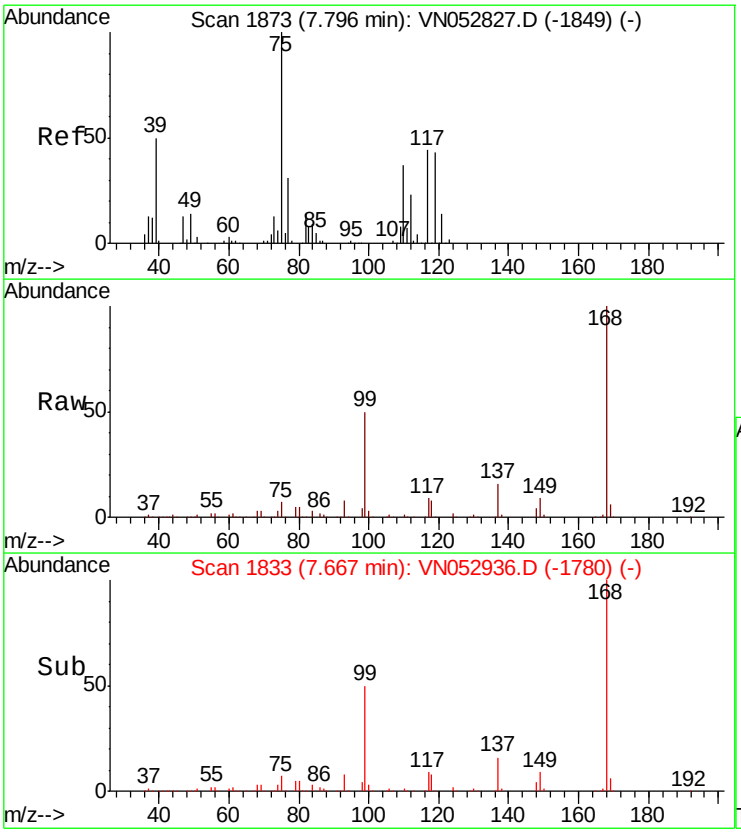
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 453103

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.4
192	22.5	17.5	26.3

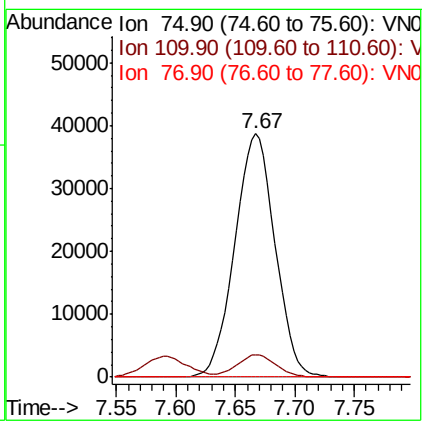


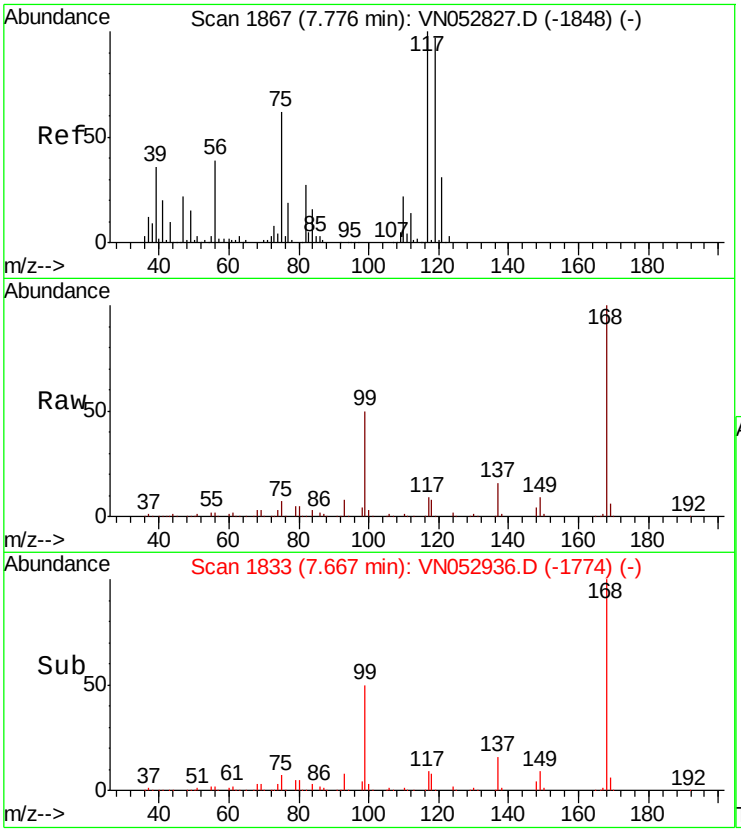


#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 75 Resp: 90539

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	0.0	24.9	37.3#



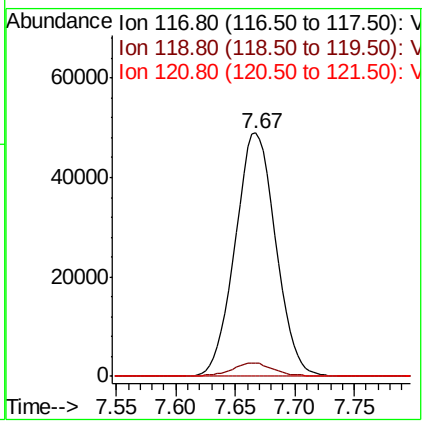


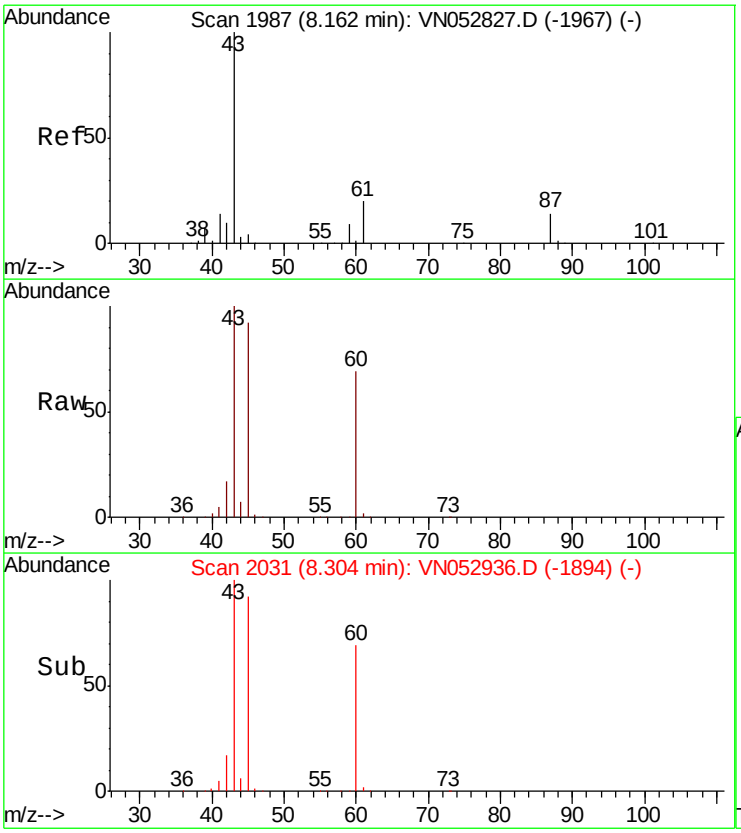
#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 116154

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

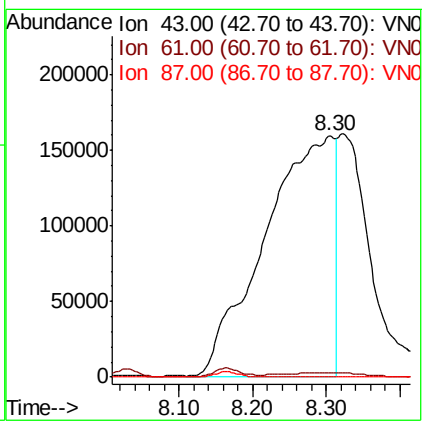


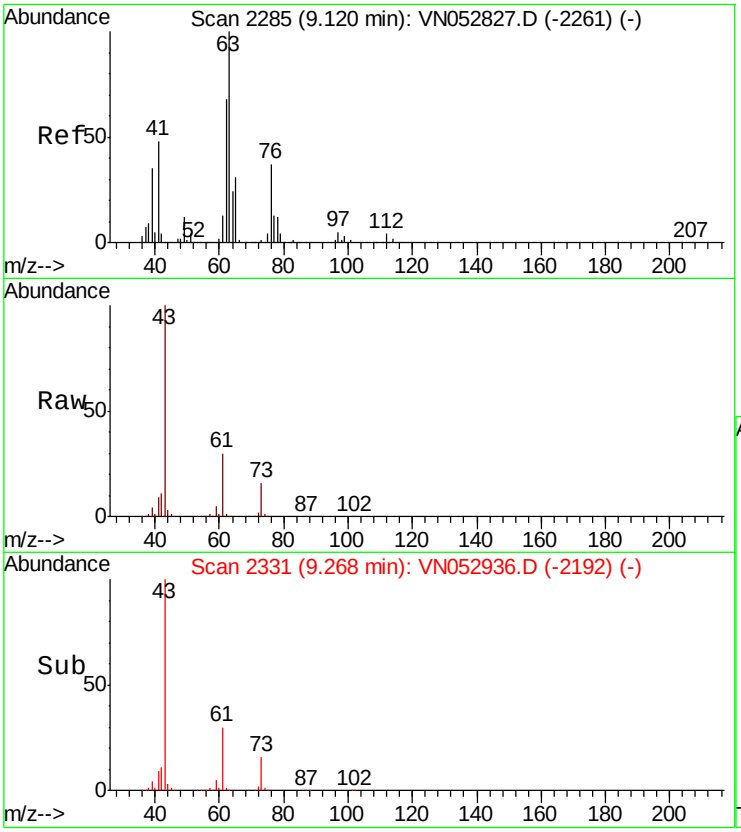


#43
Isopropyl Acetate
Concen: 43.781 ug/l
RT: 8.30 min Scan# 2031
Delta R.T. 0.14 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 43 Resp: 1042280

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.9	34.3#
87	0.0	10.6	15.8#



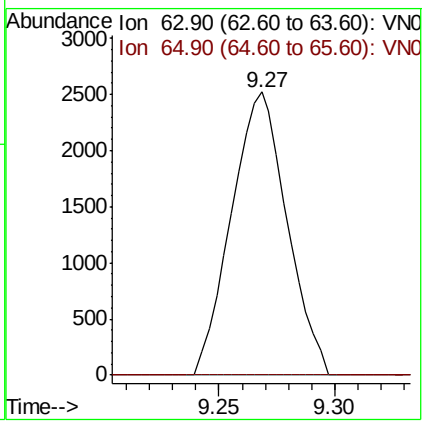


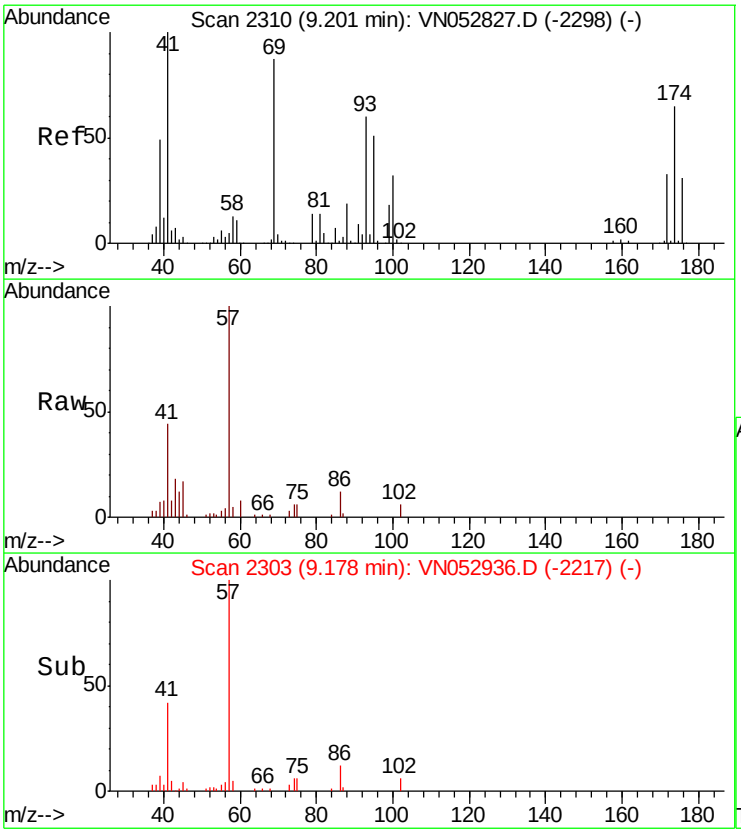
#45
1,2-Dichloropropane
Concen: 0.276 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 4200

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

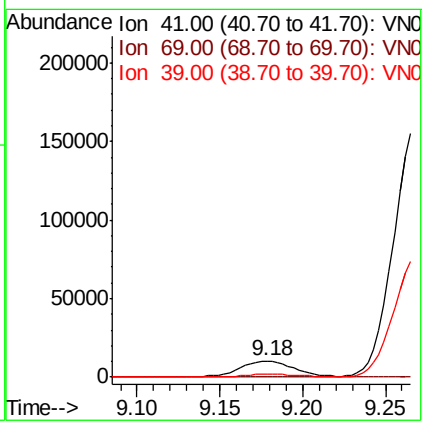


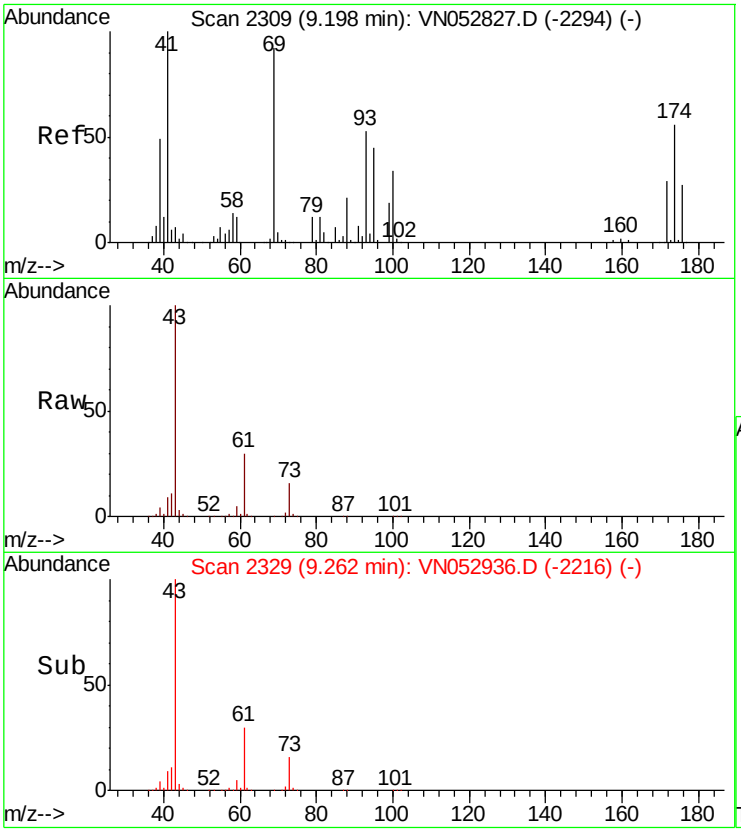


#48
Methyl methacrylate
Concen: 2.038 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 41 Resp: 21281

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	20.6	41.9	62.9#



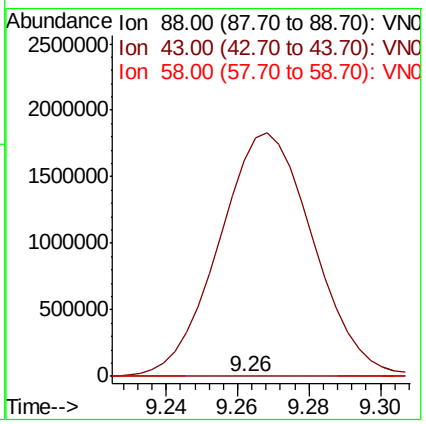


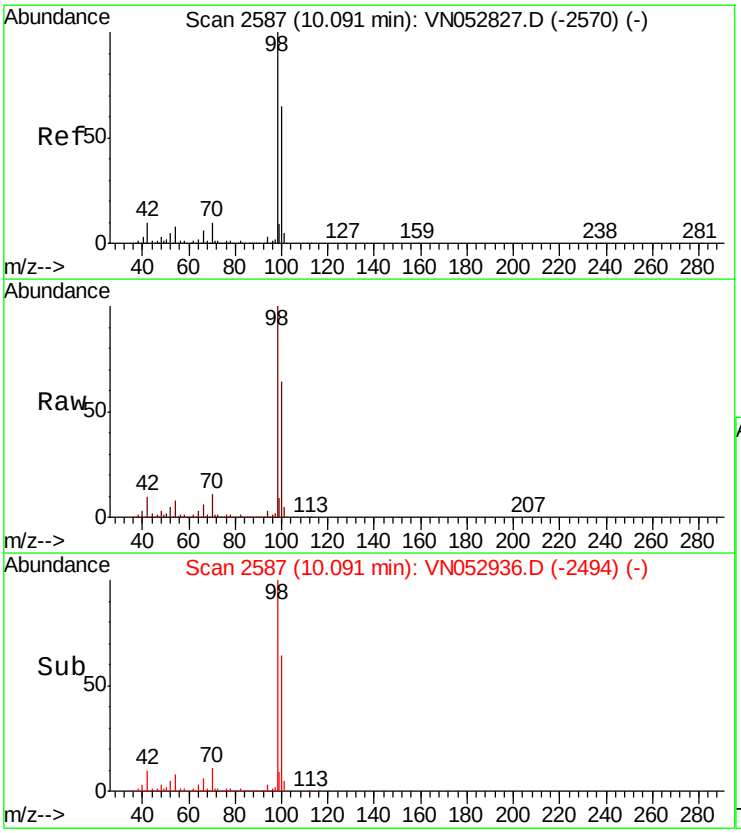
#49
1,4-Dioxane
Concen: 3.831 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 454

Ion	Ratio	Lower	Upper
88	100		
43	740910.1	26.6	40.0#
58	3139.0	58.4	87.6#

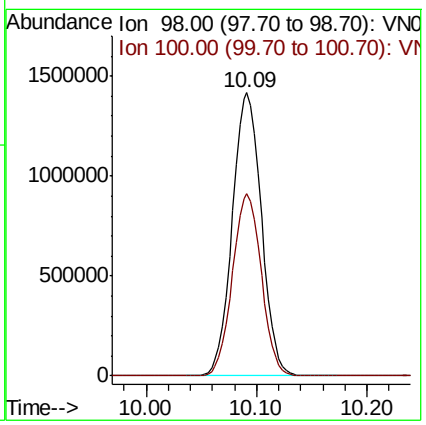


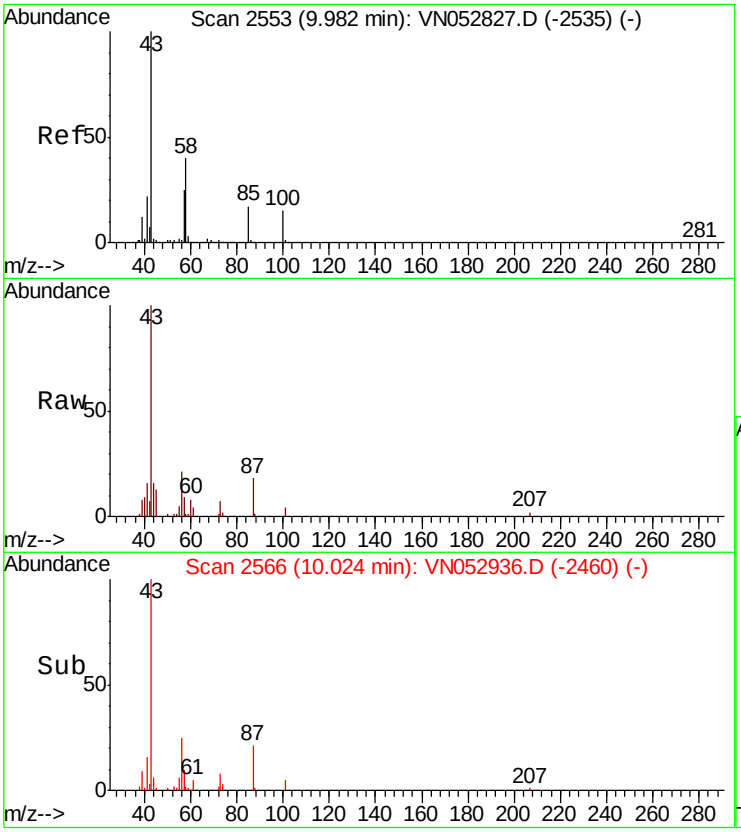


#50
Toluene-d8
Concen: 3.831 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 98 Resp: 2583109

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4



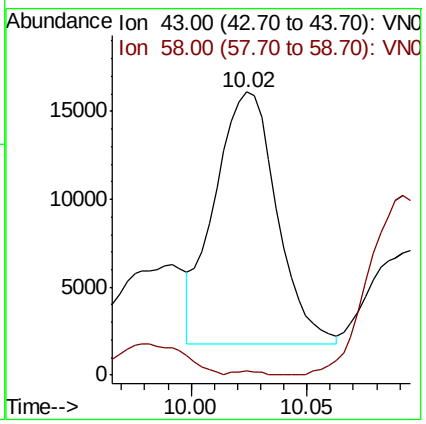


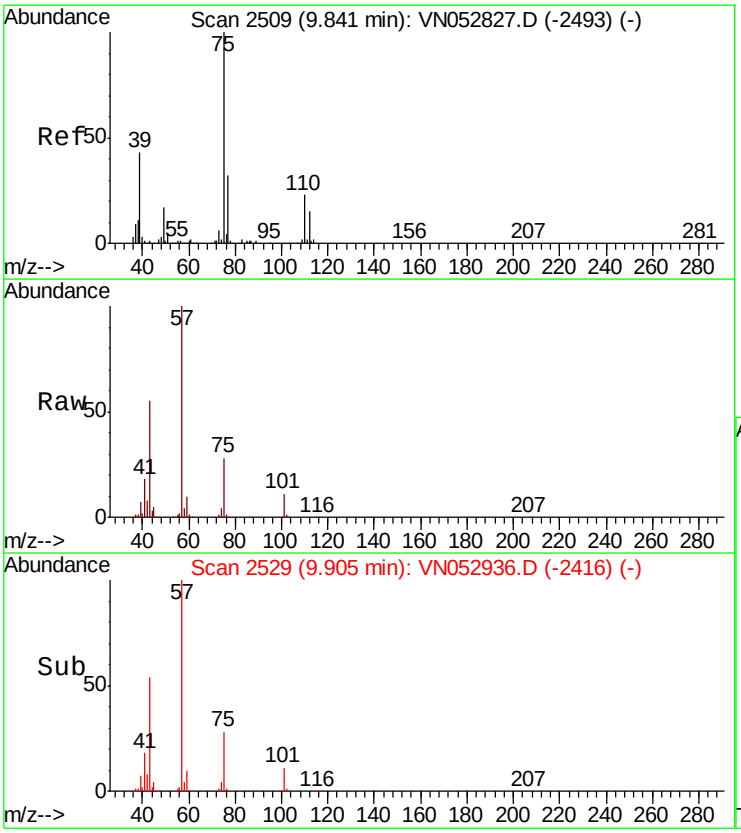
#51
4-Methyl-2-Pentanone
Concen: 2.443 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 26670

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#

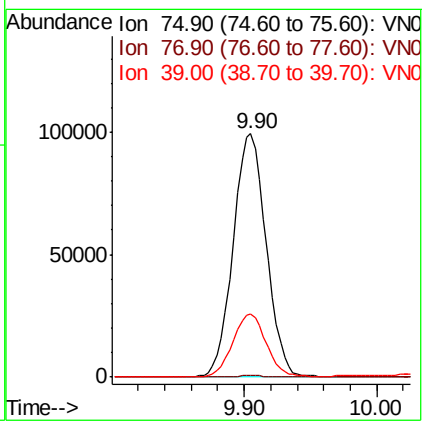


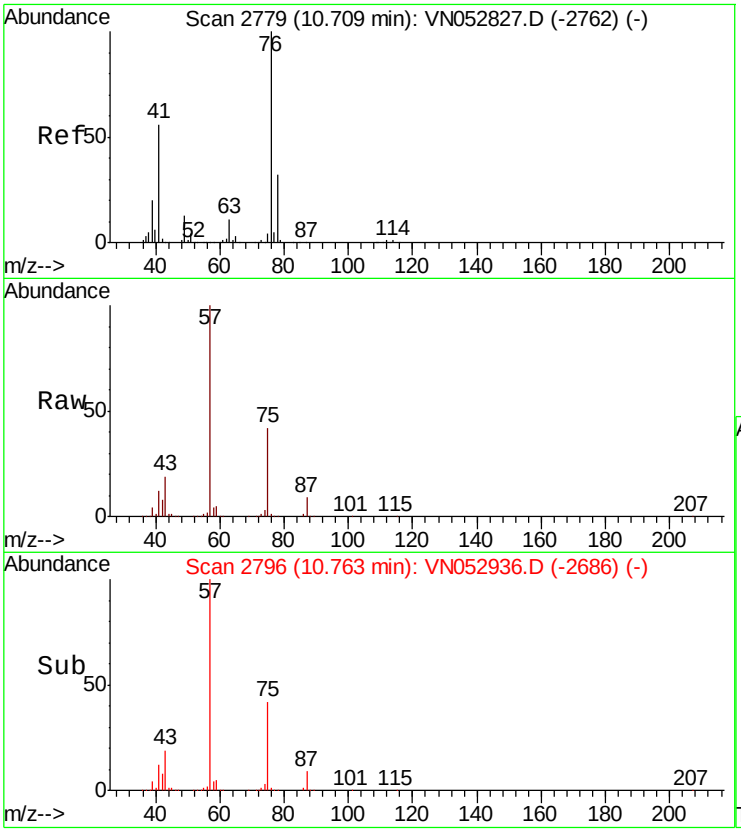


#54
cis-1,3-Dichloropropene
Concen: 7.849 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 75 Resp: 171984

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.8#
39	26.1	34.8	52.2#



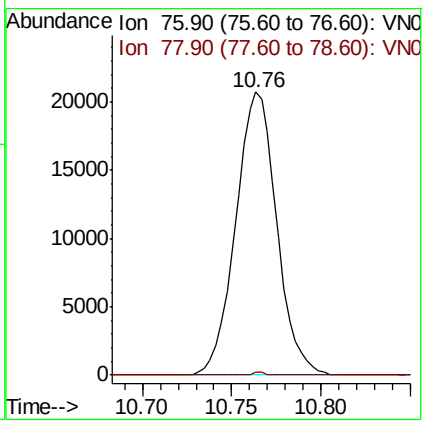


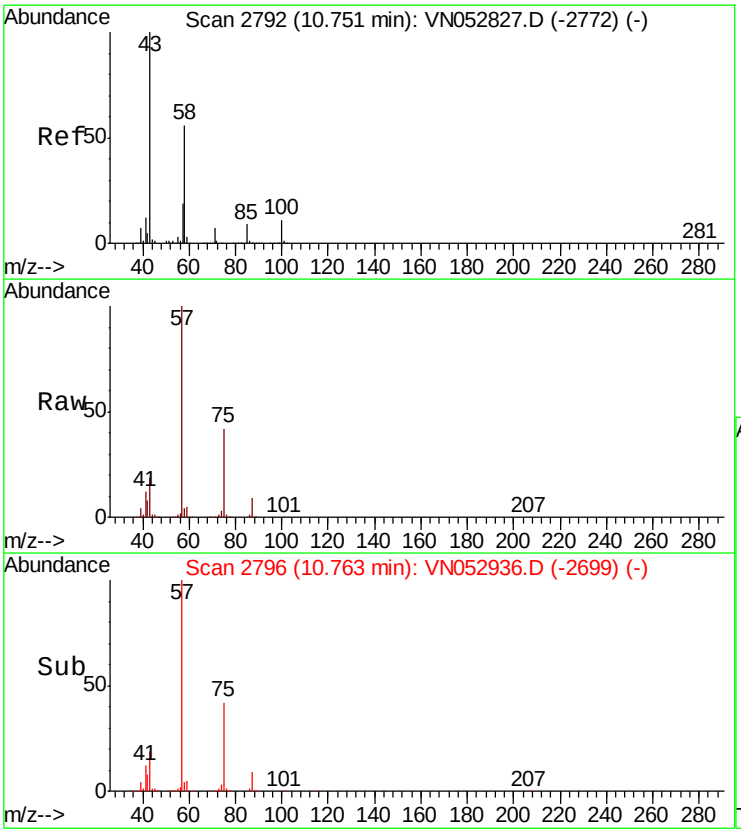
#57
1,3-Dichloropropane
Concen: 1.546 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 33250

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.8	38.8#

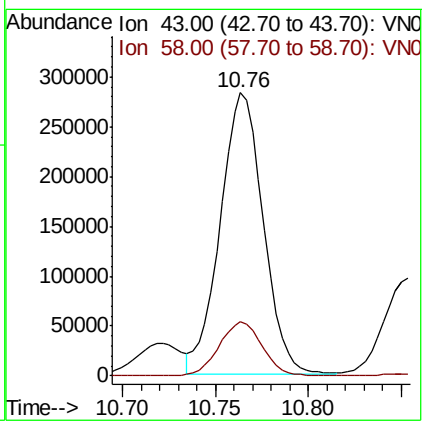


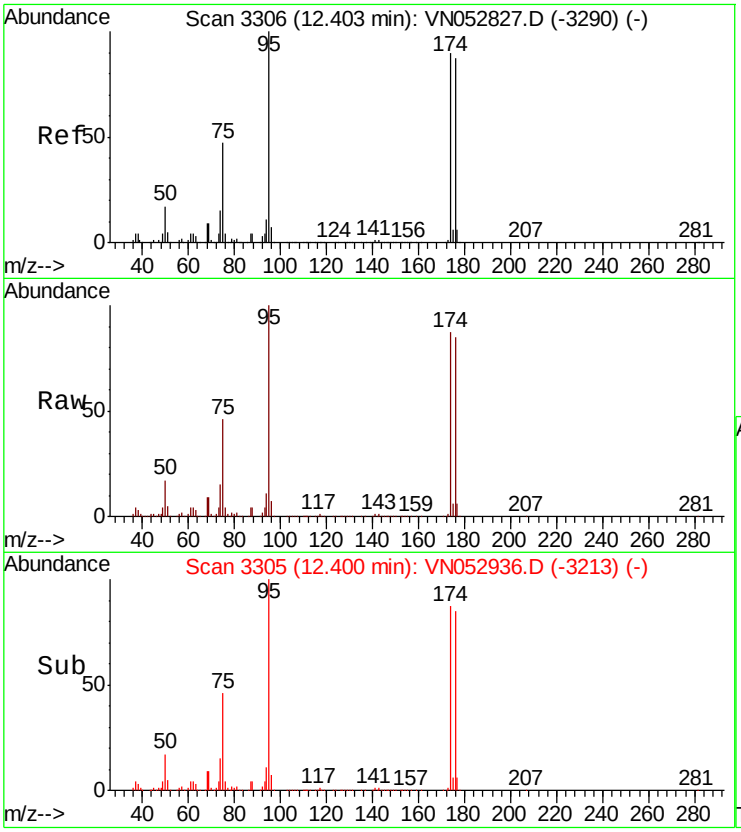


#59
2-Hexanone
Concen: 60.403 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 43 Resp: 451882

Ion	Ratio	Lower	Upper
43	100		
58	19.5	28.1	84.3#



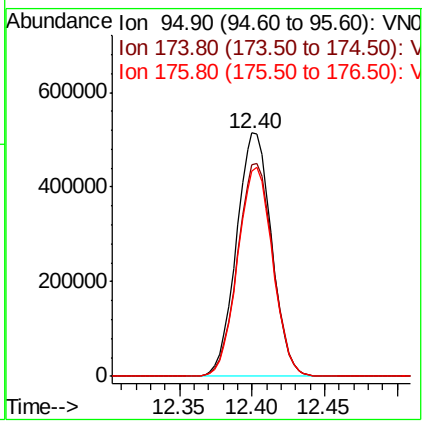


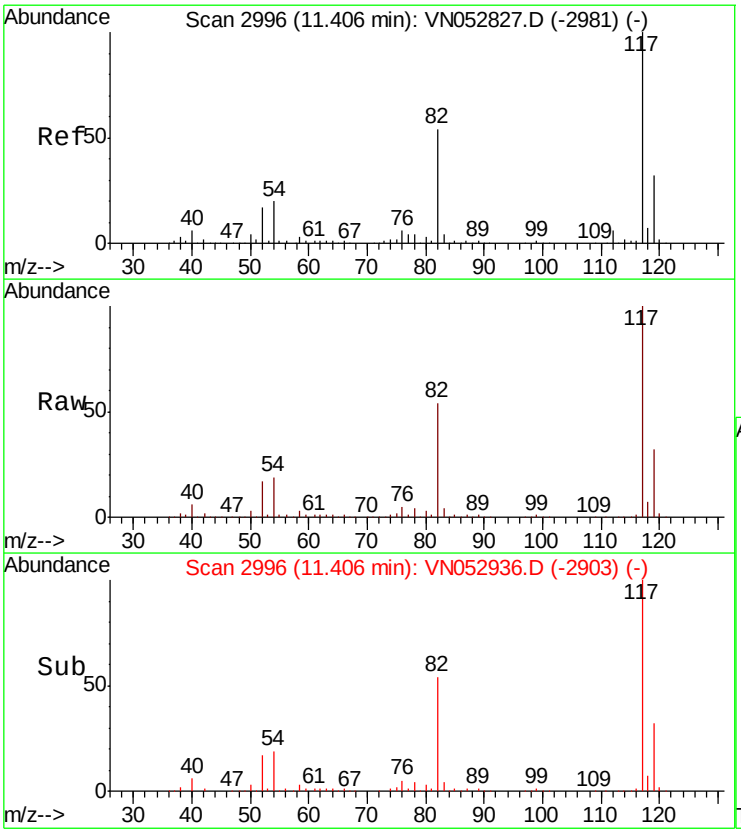
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 865770

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	178.8
176	85.7	0.0	173.8

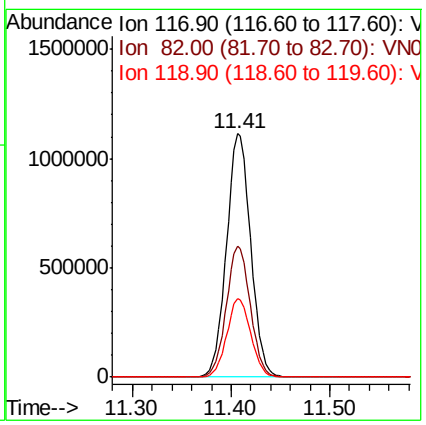


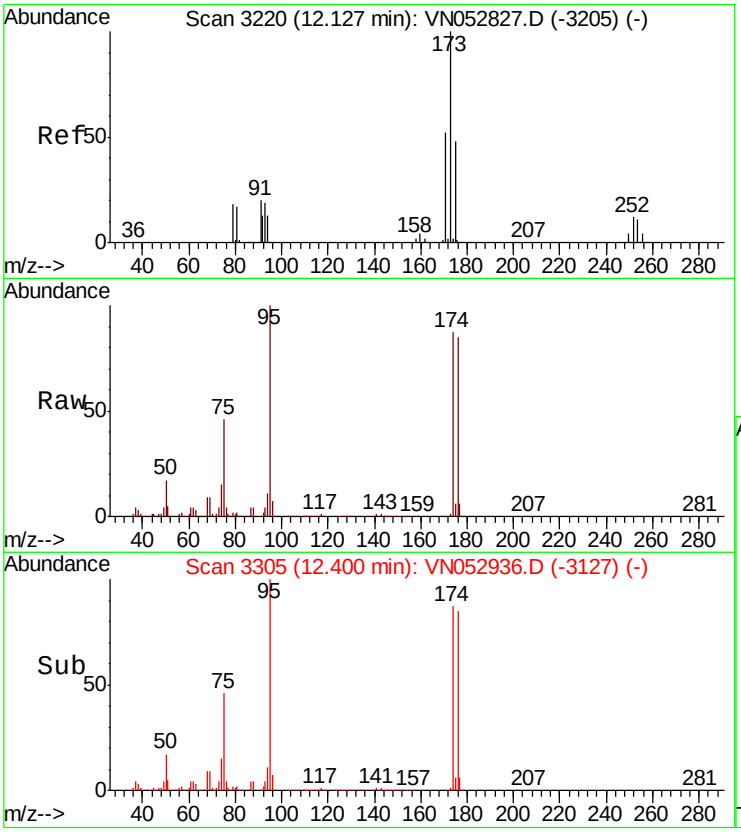


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion:117 Resp: 1903493

Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.8	64.2
119	32.2	25.5	38.3



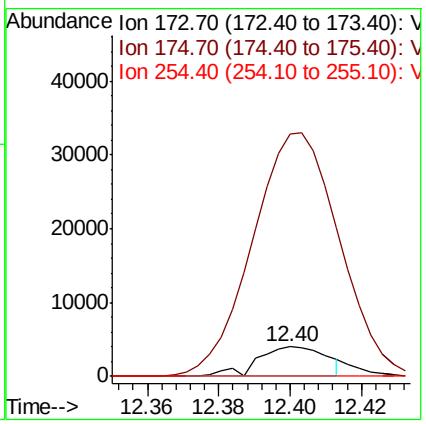


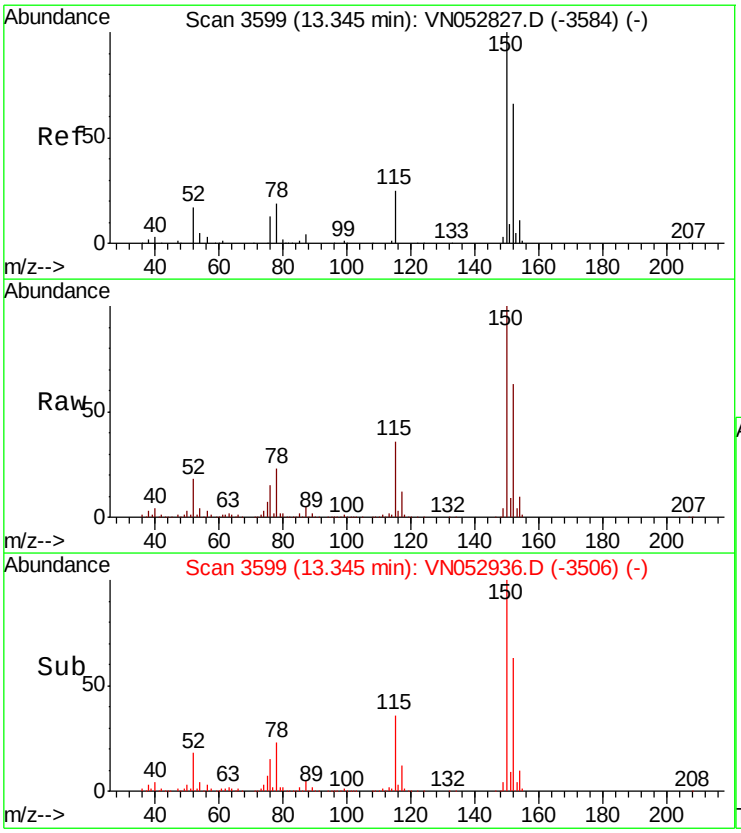
#71
Bromoform
Concen: 0.575 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 5365

Ion	Ratio	Lower	Upper
173	100		
175	906.4	24.3	72.9#
254	0.0	0.1	0.1#

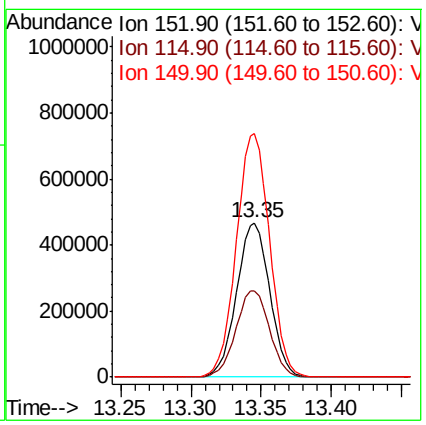


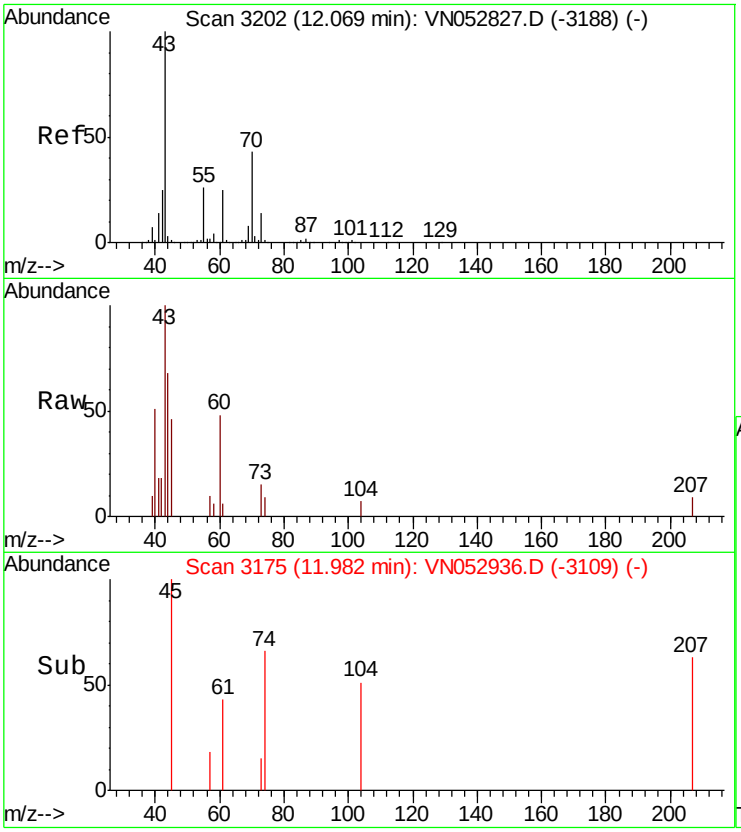


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion:152 Resp: 768570

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.3	85.0
150	158.4	0.0	347.8



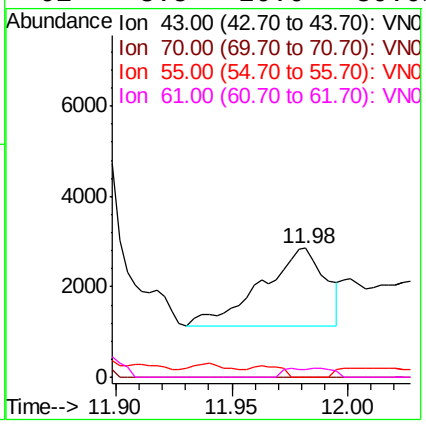


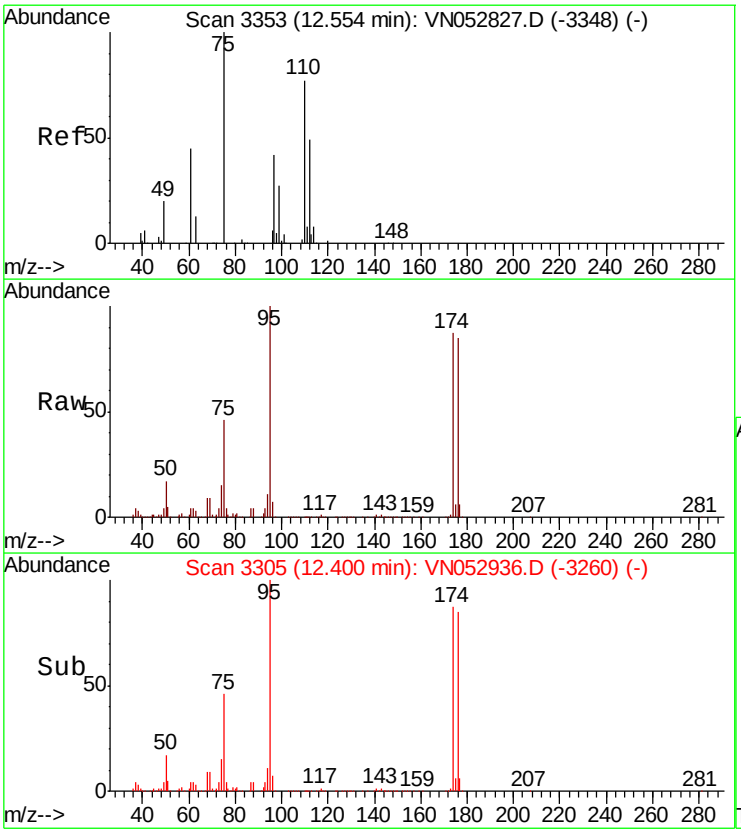
#74
N-amyl acetate
Concen: 0.207 ug/l
RT: 11.98 min Scan# 3175
Delta R.T. -0.09 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3262

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.4#
55	0.0	20.3	30.5#
61	8.5	20.0	30.0#

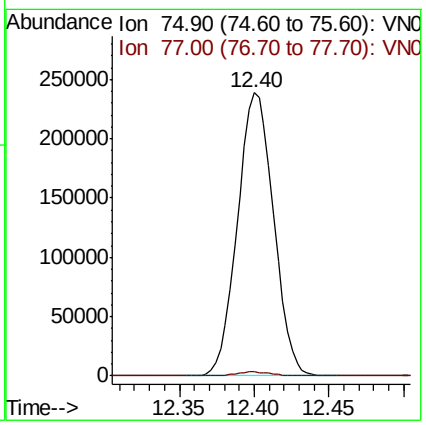


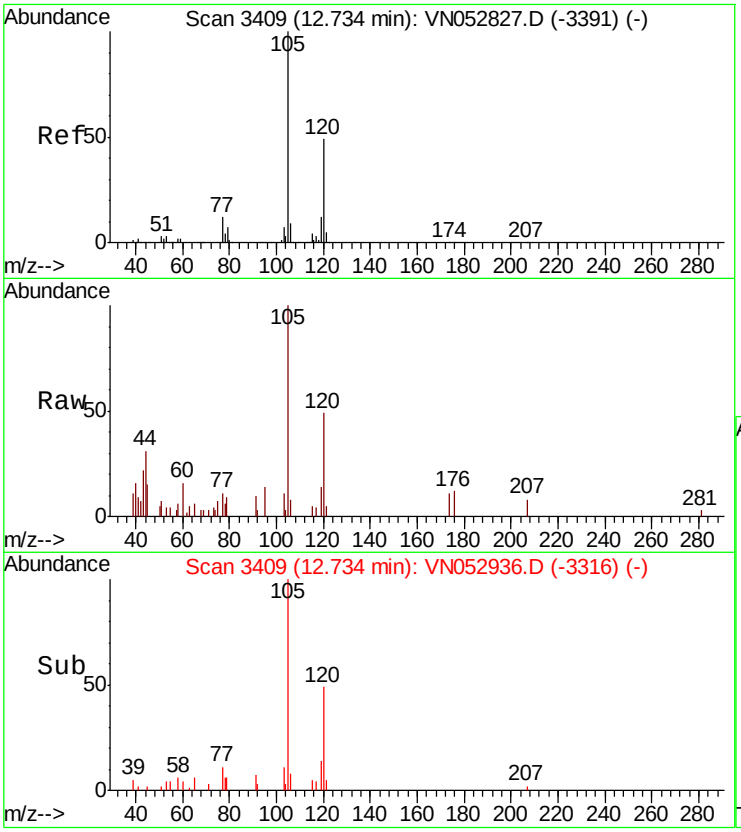


#76
1,2,3-Trichloropropane
Concen: 35.377 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 75 Resp: 401158

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



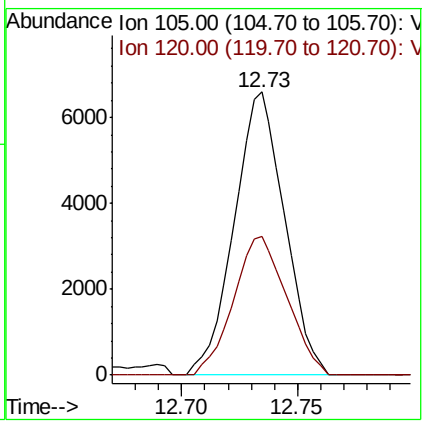


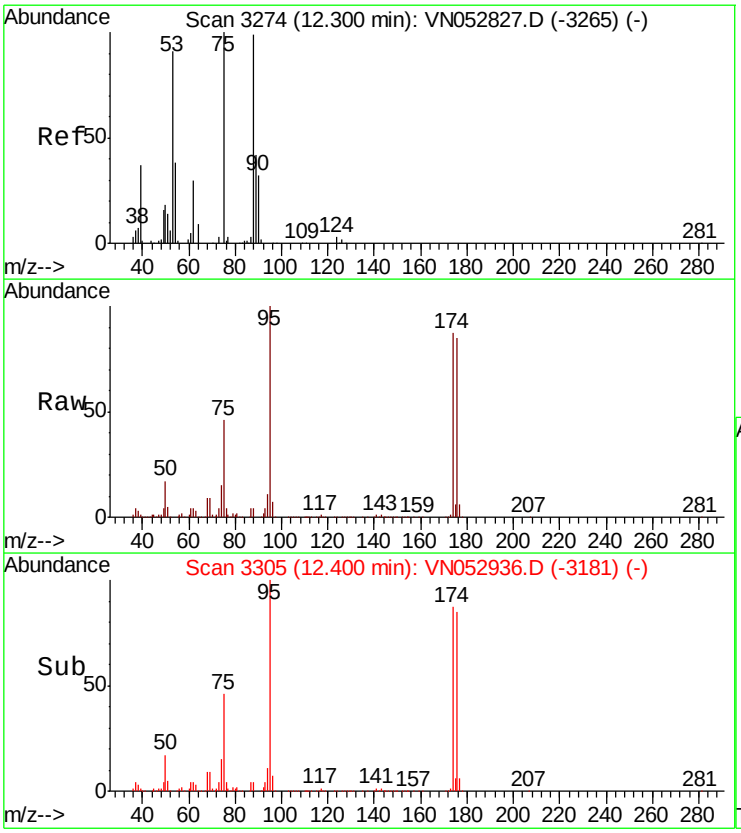
#80
1,3,5-Trimethylbenzene
Concen: 0.215 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 9944

Ion	Ratio	Lower	Upper
105	100		
120	51.7	24.4	73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 113.649 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052936.D
Acq: 17 Dec 2018 19:11

Tgt Ion: 75 Resp: 401158

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