Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010919\
Data File : VN053327.D
Acq On : 9 Jan 2019 18:25
Operator : MD\SY
Sample : K1087-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Quant Time: Jan 10 03:06:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1185626	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1846508	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1692963	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	641354	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	586272	47.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.06%				
35) Dibromofluoromethane	7.59	113	510896	48.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.20%				
50) Toluene-d8	10.09	98	2279729	50.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.54%				
62) 4-Bromofluorobenzene	12.40	95	757246	47.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.40%				
Target Compounds							Qvalue
8) Diethyl Ether	3.41	74	15837	2.239	ug/l		97
16) Acetone	3.82	43	28432	7.408	ug/l		100
18) Methyl Acetate	4.32	43	7691	0.689	ug/l	#	62
20) Methylene Chloride	4.55	84	68758	5.190	ug/l		97
25) 2-Butanone	6.83	43	1484	0.293	ug/l	#	88
29) Tetrahydrofuran	7.21	42	686	0.205	ug/l	#	86
31) Cyclohexane	7.66	56	18634	0.693	ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	77668	4.506	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	99611	6.260	ug/l	#	16
43) Isopropyl Acetate	8.17	43	63426	2.871	ug/l	#	80
45) 1,2-Dichloropropane	9.26	63	3382	0.245	ug/l	#	43
48) Methyl methacrylate	9.18	41	17986	1.792	ug/l	#	12
49) 1,4-Dioxane	9.27	88	220	2.058	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.99	43	7843	0.706	ug/l		96
54) cis-1,3-Dichloropropene	9.90	75	132390	6.674	ug/l	#	62
57) 1,3-Dichloropropane	10.76	76	25003	1.259	ug/l	#	42
59) 2-Hexanone	10.76	43	335493	44.081	ug/l	#	49
71) Bromoform	12.40	173	4818	0.530	ug/l	#	1
74) N-amyl acetate	11.88	43	41874	2.937	ug/l	#	51
76) 1,2,3-Trichloropropane	12.40	75	352117	37.641	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	9844	0.256	ug/l		95
81) trans-1,4-Dichloro-2-buten	12.40	75	352117	110.748	ug/l	#	14

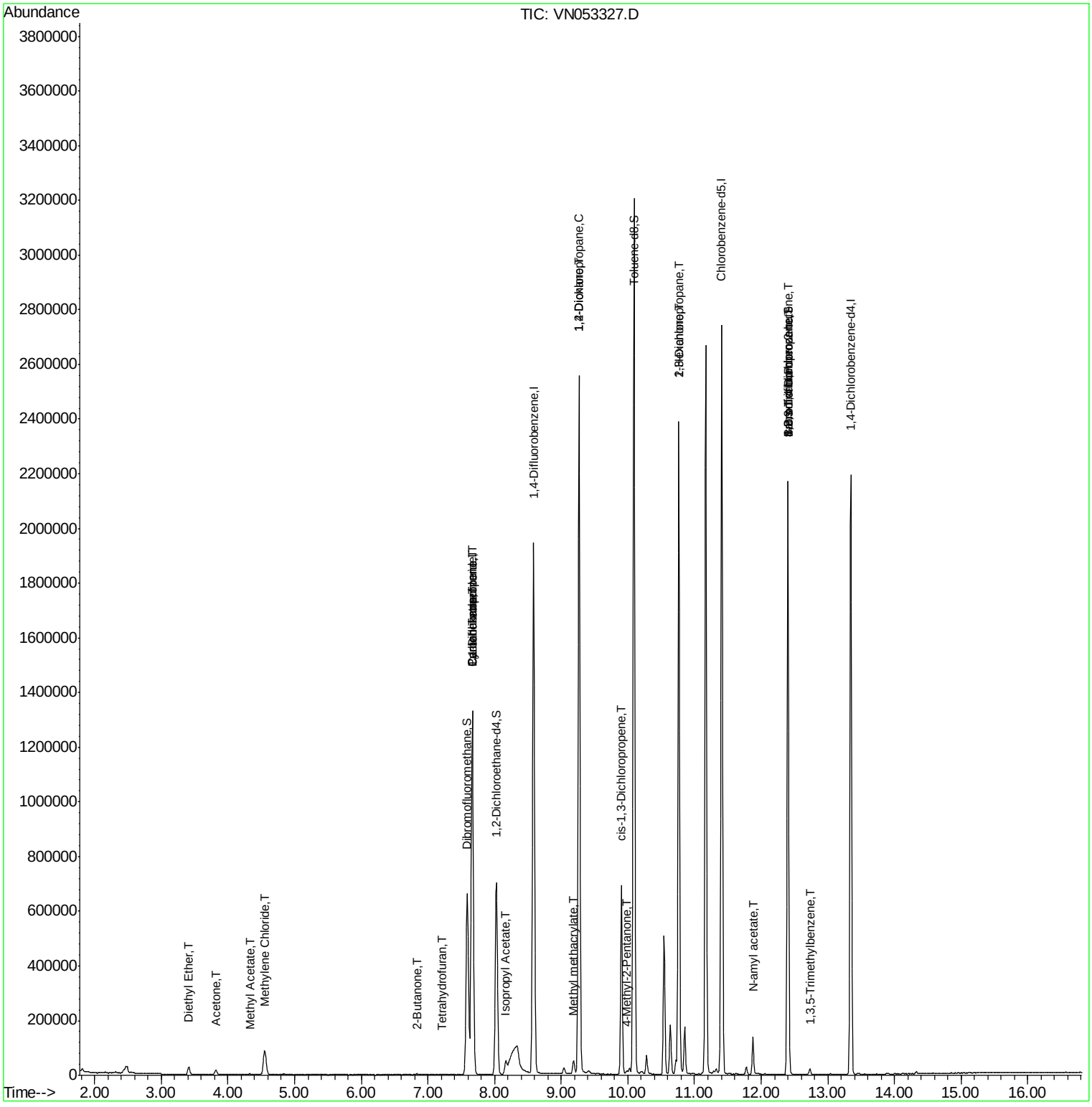
(#) = qualifier out of range (m) = manual integration (+) = signals summed

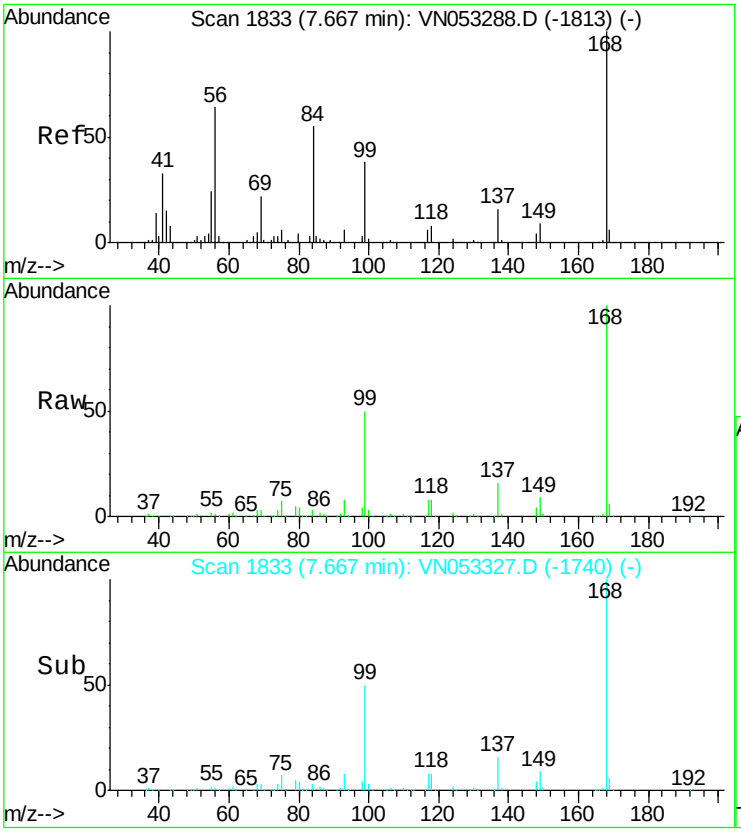
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010919\
Data File : VN053327.D
Acq On : 9 Jan 2019 18:25
Operator : MD\SY
Sample : K1087-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Quant Time: Jan 10 03:06:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration



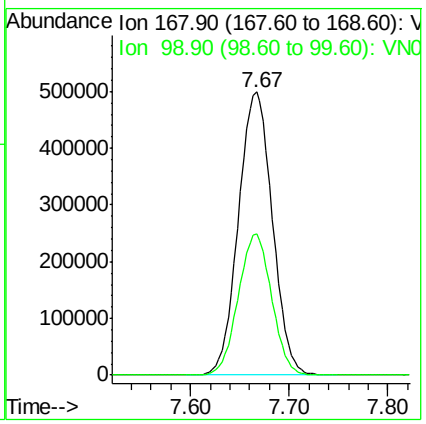


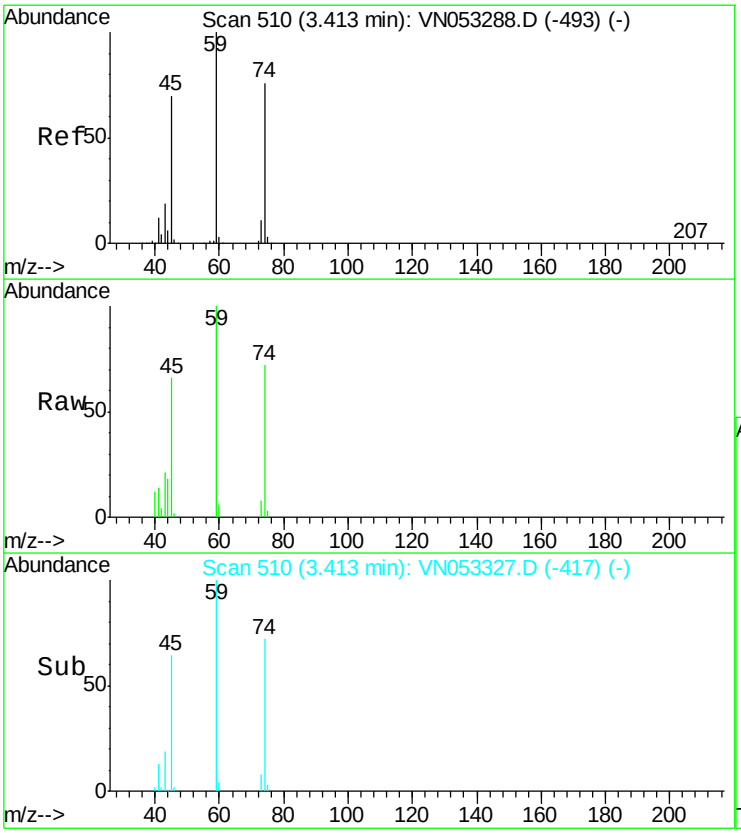
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion:168 Resp: 1185626

Ion	Ratio	Lower	Upper
168	100		
99	49.9	39.1	58.7

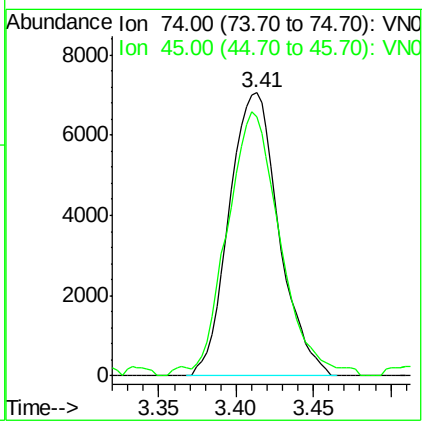


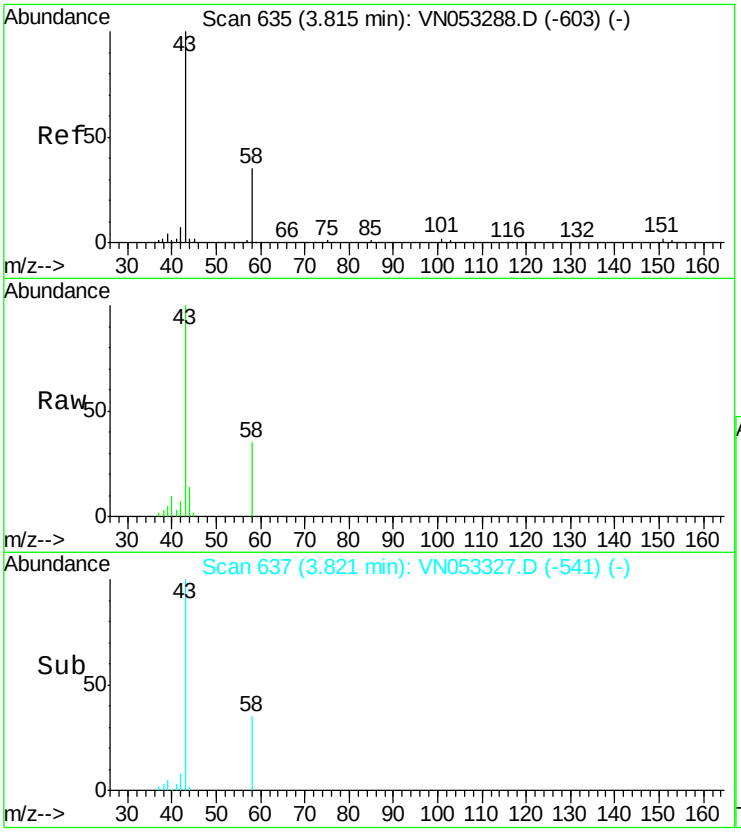


#8
Diethyl Ether
Concen: 2.239 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 74 Resp: 15837

Ion	Ratio	Lower	Upper
74	100		
45	93.3	48.3	144.9



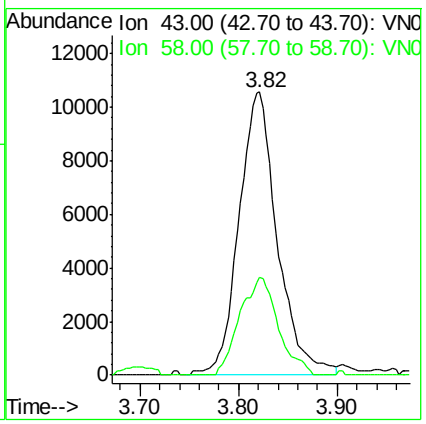


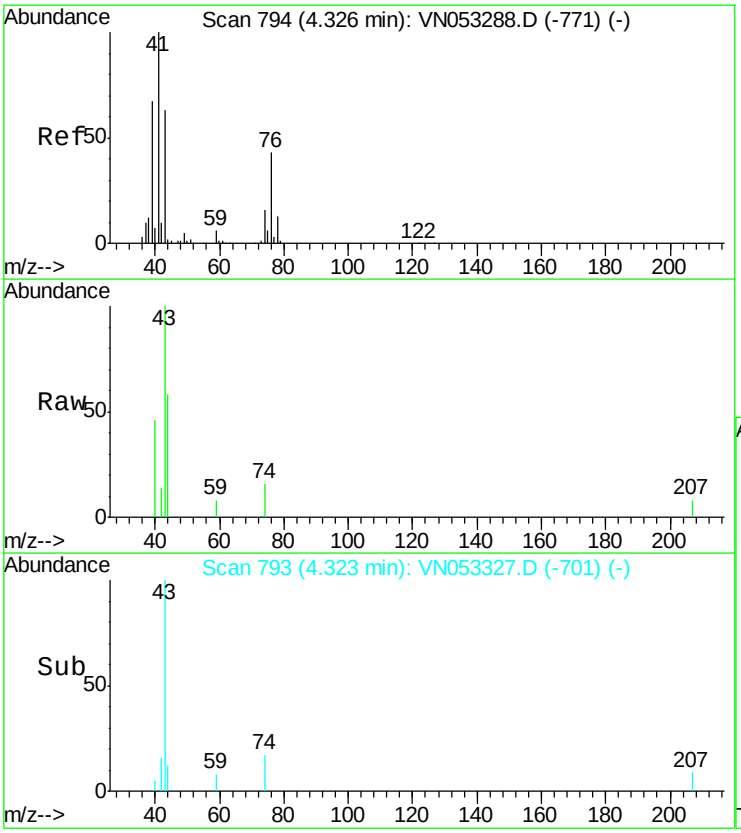
#16
Acetone
Concen: 7.408 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Tgt Ion: 43 Resp: 28432

Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.8	41.6

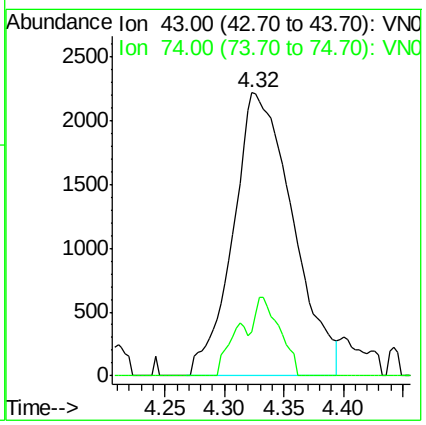


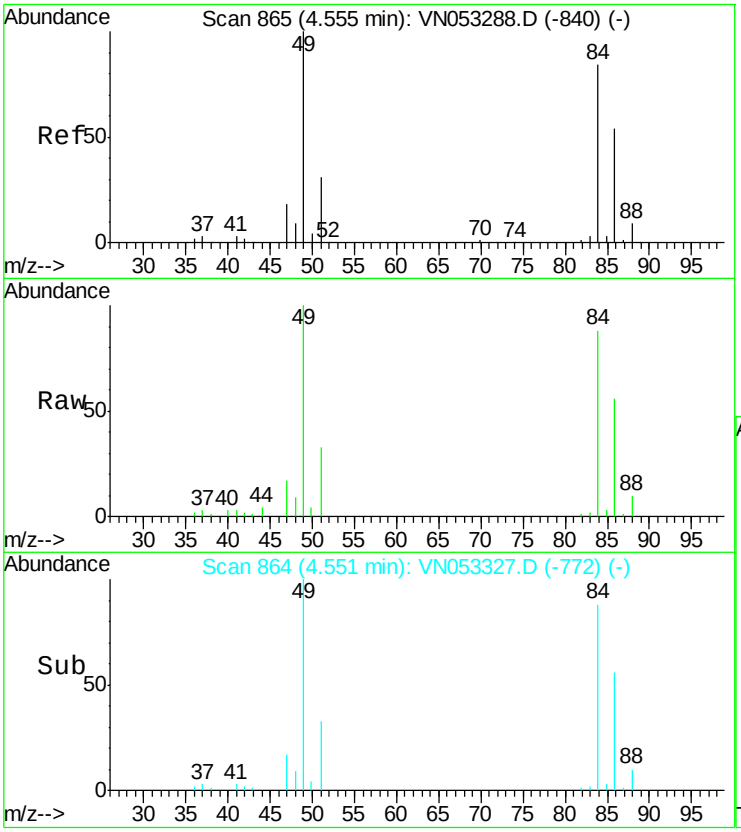


#18
Methyl Acetate
Concen: 0.689 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 43 Resp: 7691

Ion	Ratio	Lower	Upper
43	100		
74	6.0	19.8	29.8#



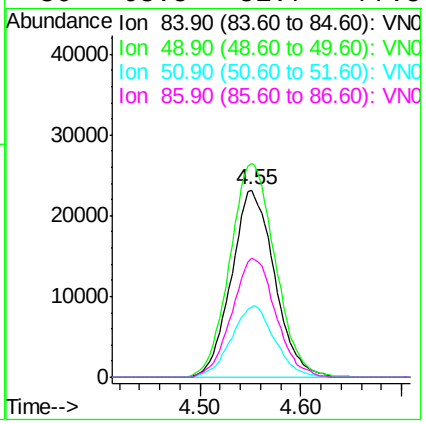


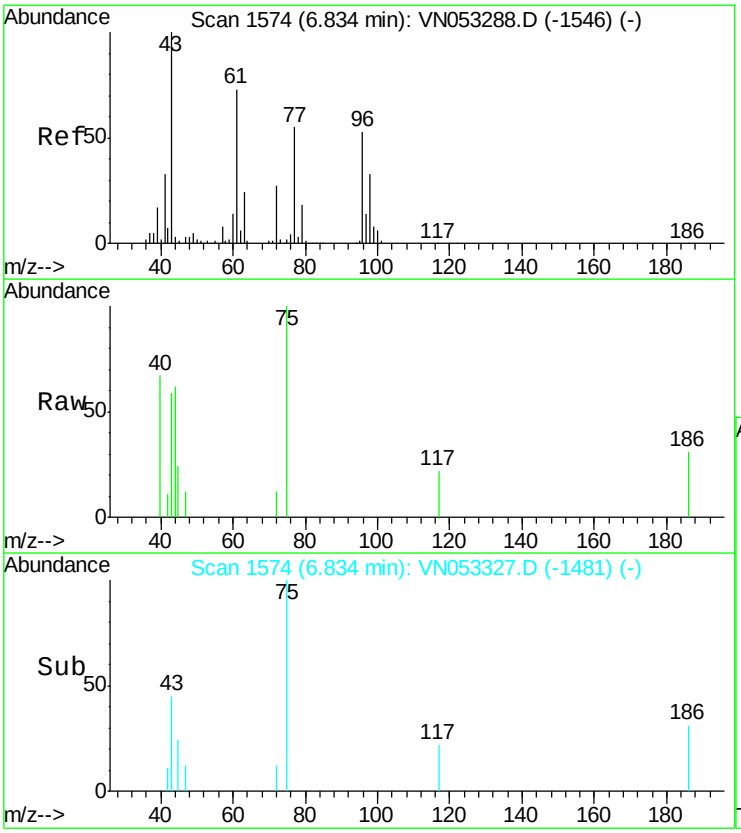
#20
Methylene Chloride
Concen: 5.190 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Tgt Ion: 84 Resp: 68758

Ion	Ratio	Lower	Upper
84	100		
49	114.0	95.3	142.9
51	37.5	29.0	43.6
86	63.5	51.7	77.5

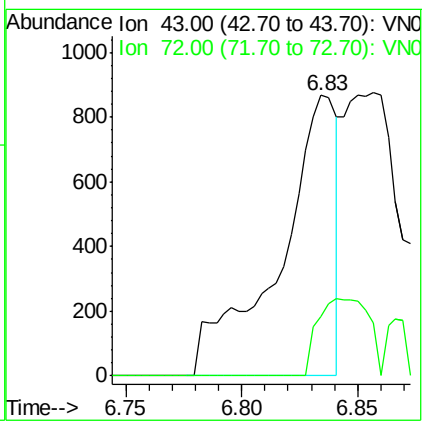


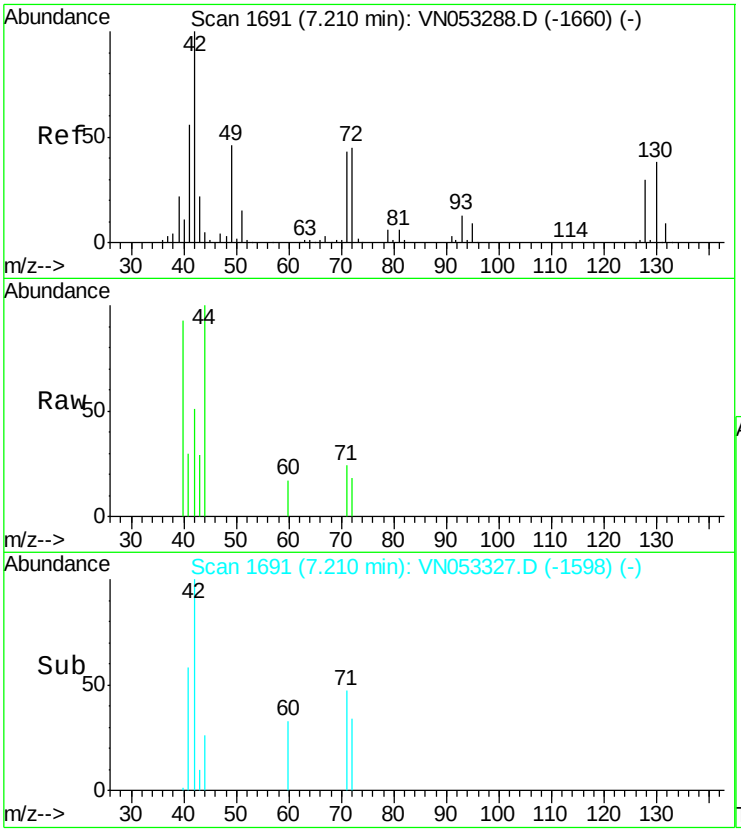


#25
2-Butanone
Concen: 0.293 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 43 Resp: 1484

Ion	Ratio	Lower	Upper
43	100		
72	21.1	22.0	33.0#



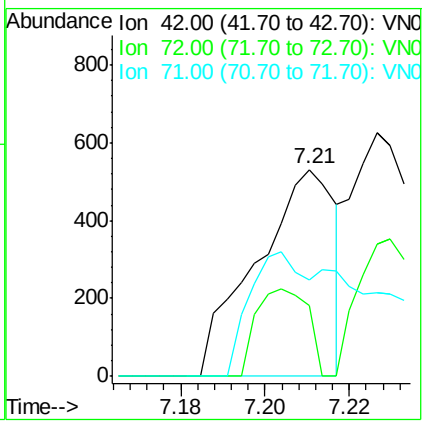


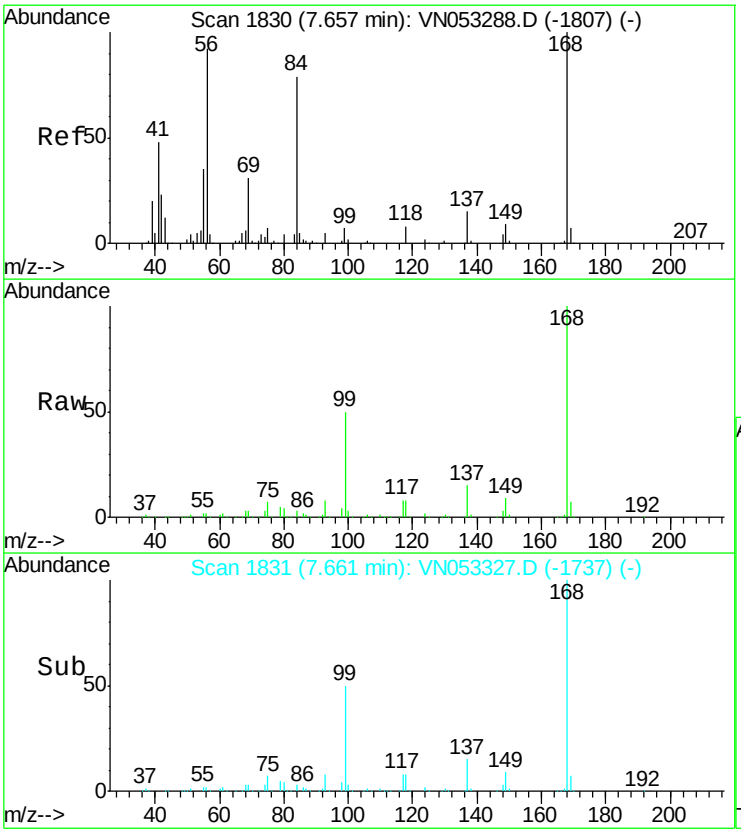
#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion: 42 Resp: 686

Ion	Ratio	Lower	Upper
42	100		
72	27.8	35.6	53.4#
71	43.1	33.8	50.8

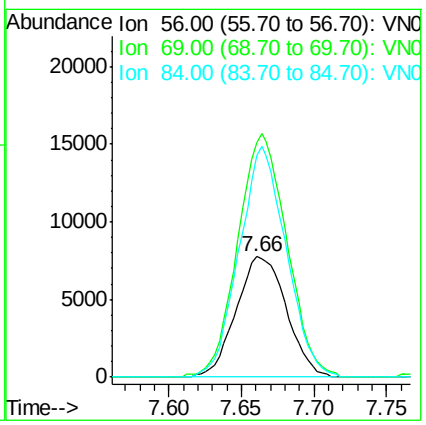


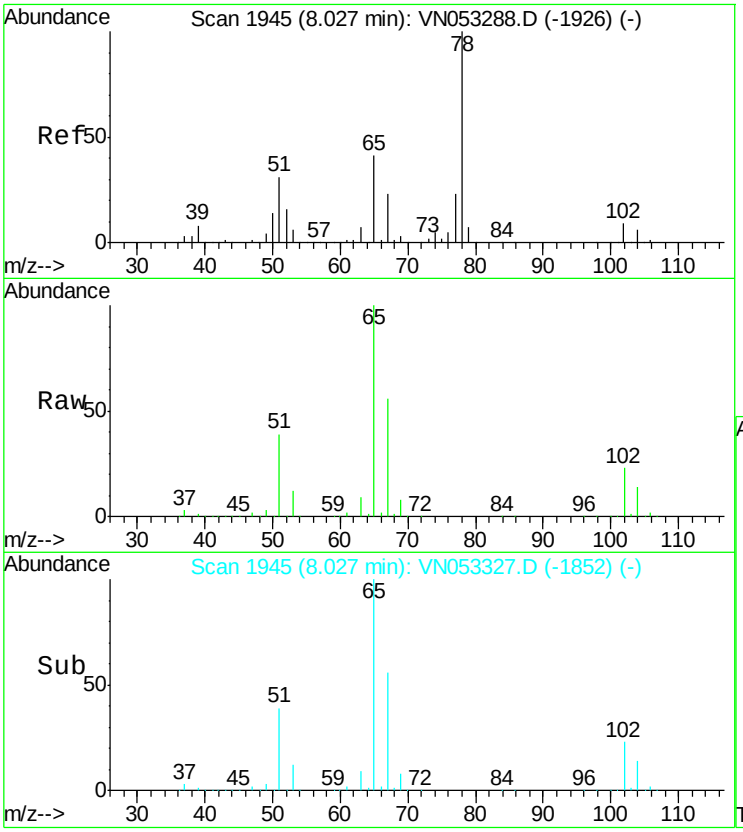


#31
Cyclohexane
Concen: 0.693 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 56 Resp: 18634

Ion	Ratio	Lower	Upper
56	100		
69	192.5	26.7	40.1#
84	183.7	68.2	102.4#



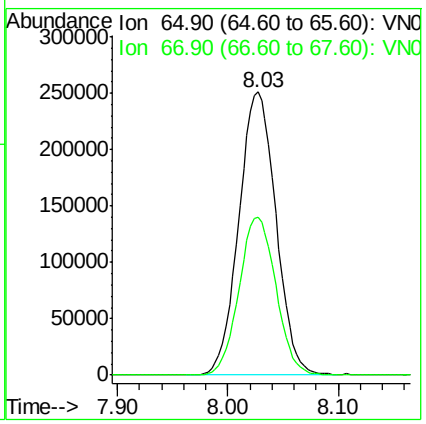


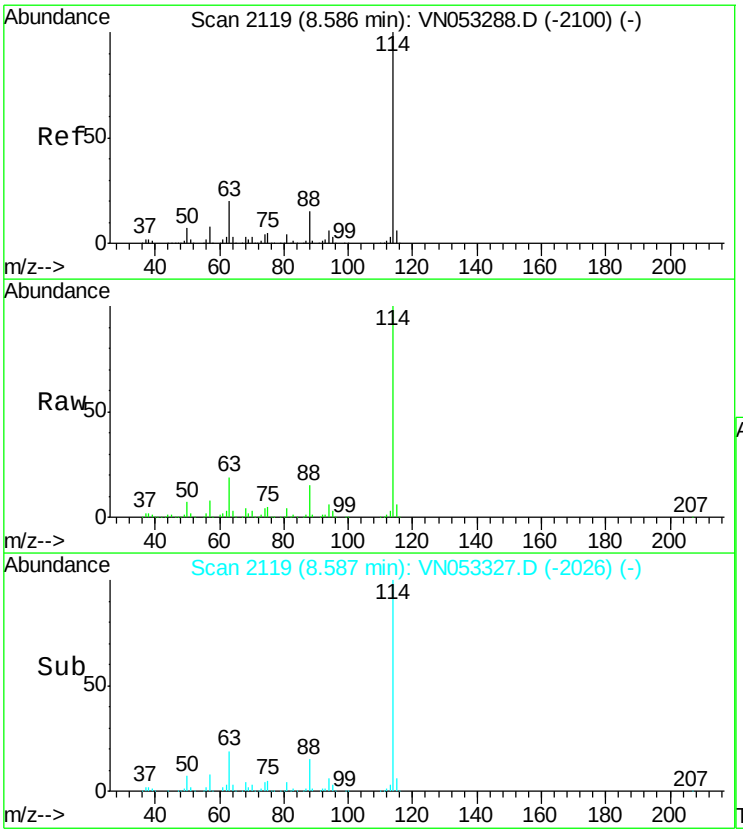
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Tgt Ion: 65 Resp: 586272

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	111.0

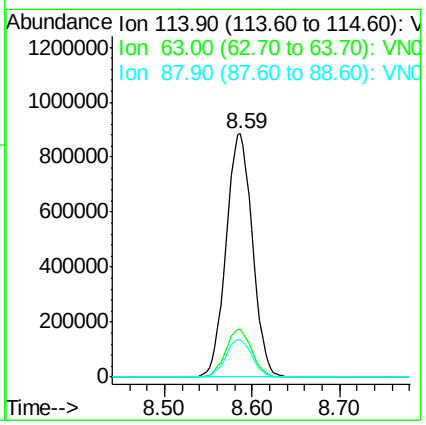


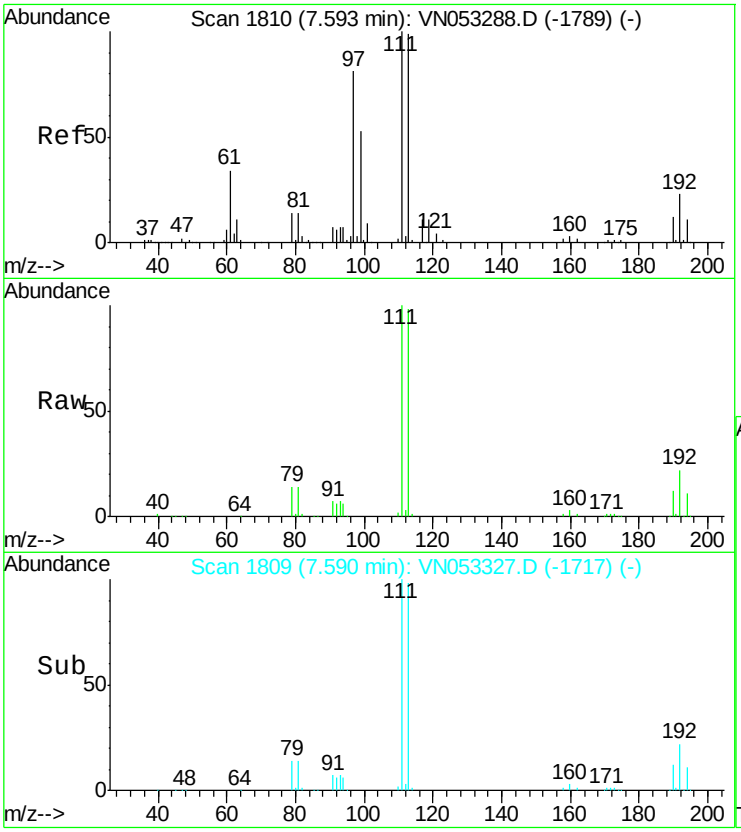


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion:114 Resp: 1846508

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.3	0.0	30.8



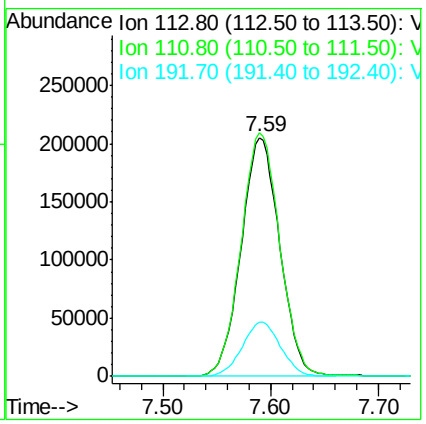


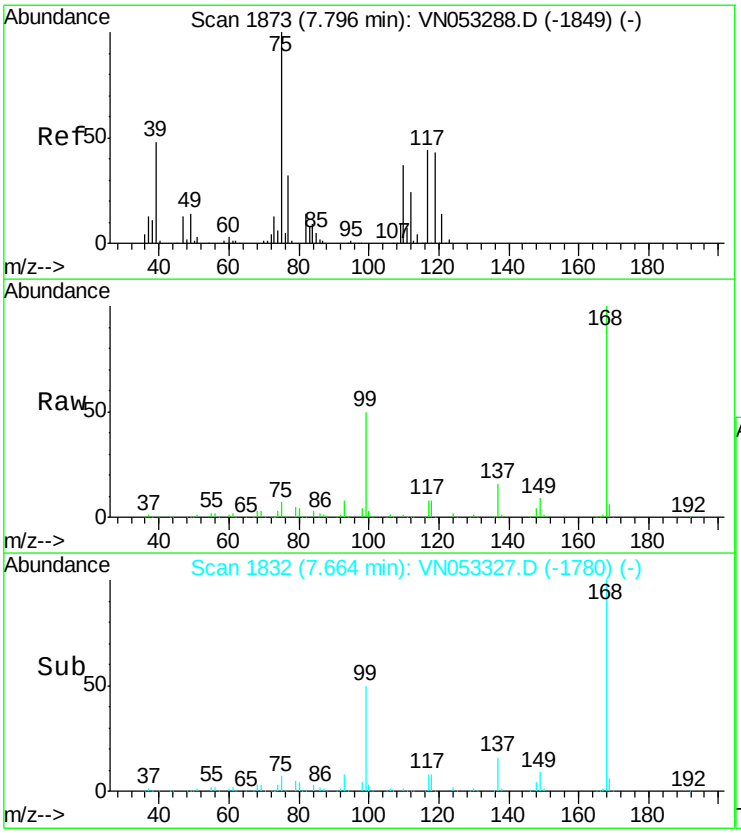
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion:113 Resp: 510896

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	22.5	17.9	26.9

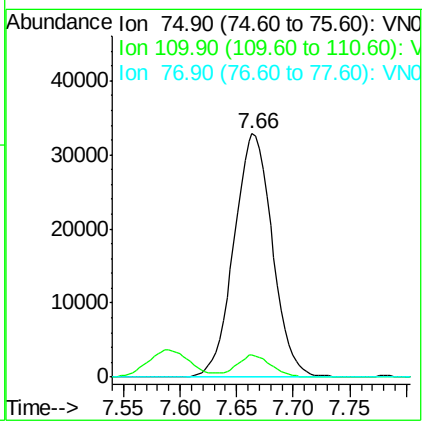


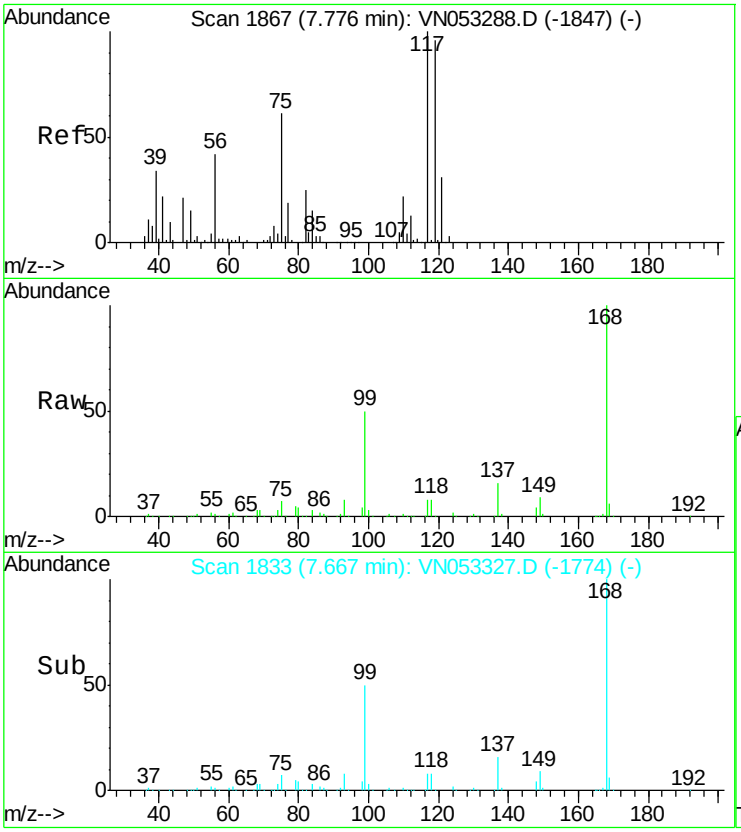


#36
1,1-Dichloropropene
Concen: 4.506 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 75 Resp: 77668

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.4	55.0#
77	0.0	25.3	37.9#



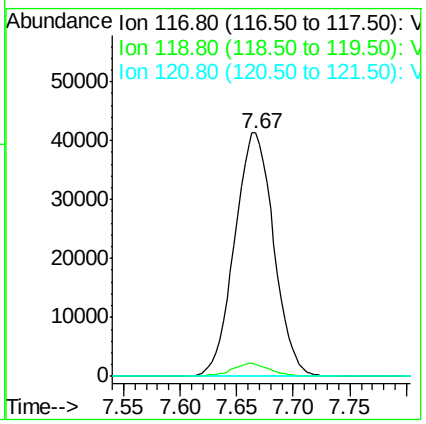


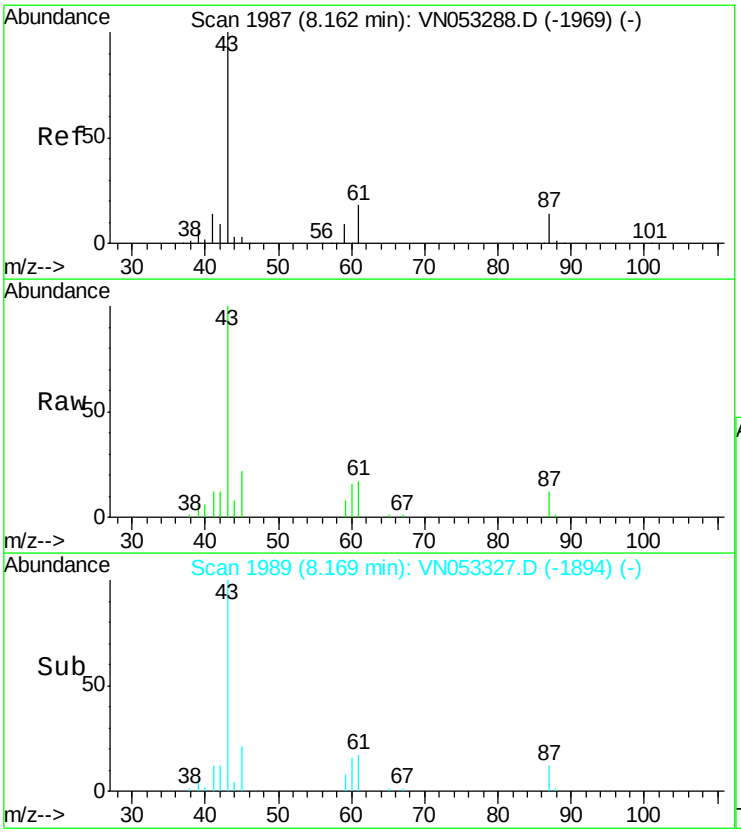
#38
Carbon Tetrachloride
Concen: 6.260 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion:117 Resp: 99611

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.6	115.0#
121	0.0	25.0	37.4#

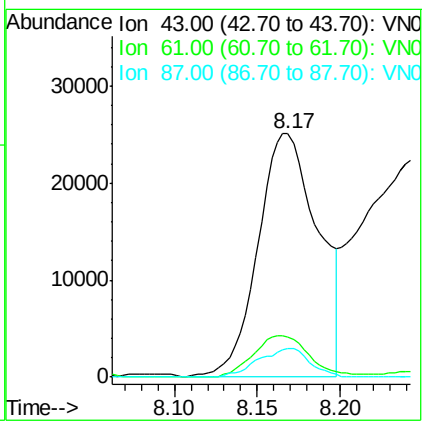


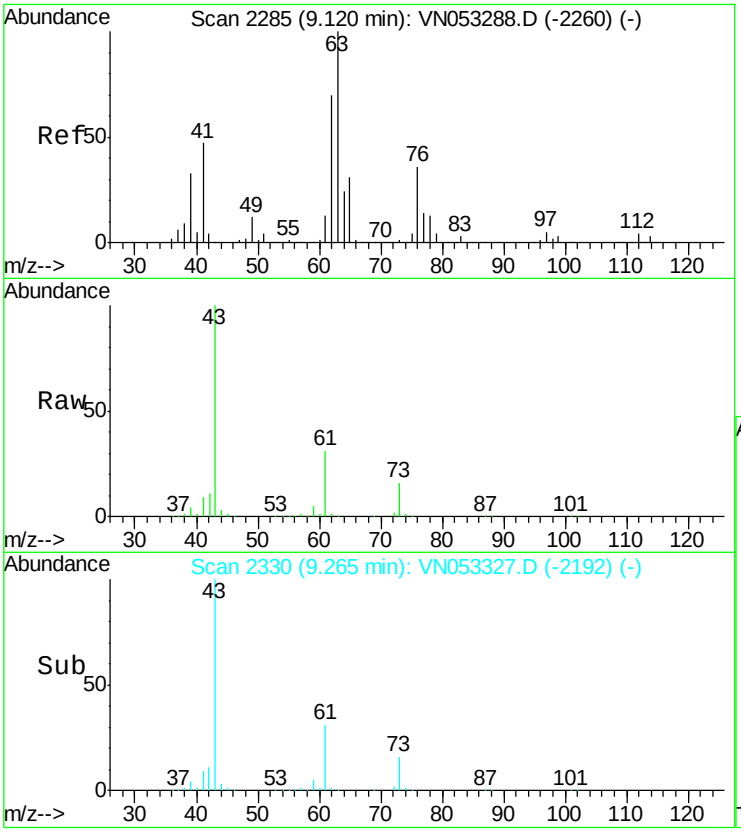


#43
Isopropyl Acetate
Concen: 2.871 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 43 Resp: 63426

Ion	Ratio	Lower	Upper
43	100		
61	15.9	23.3	34.9#
87	10.0	10.8	16.2#



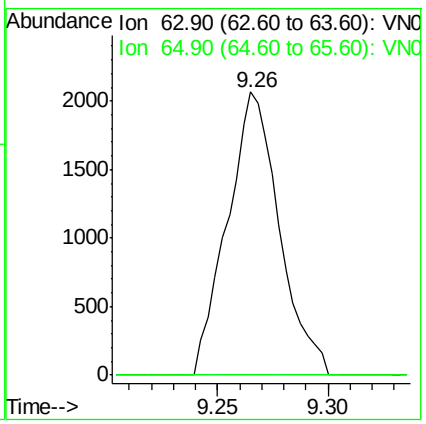


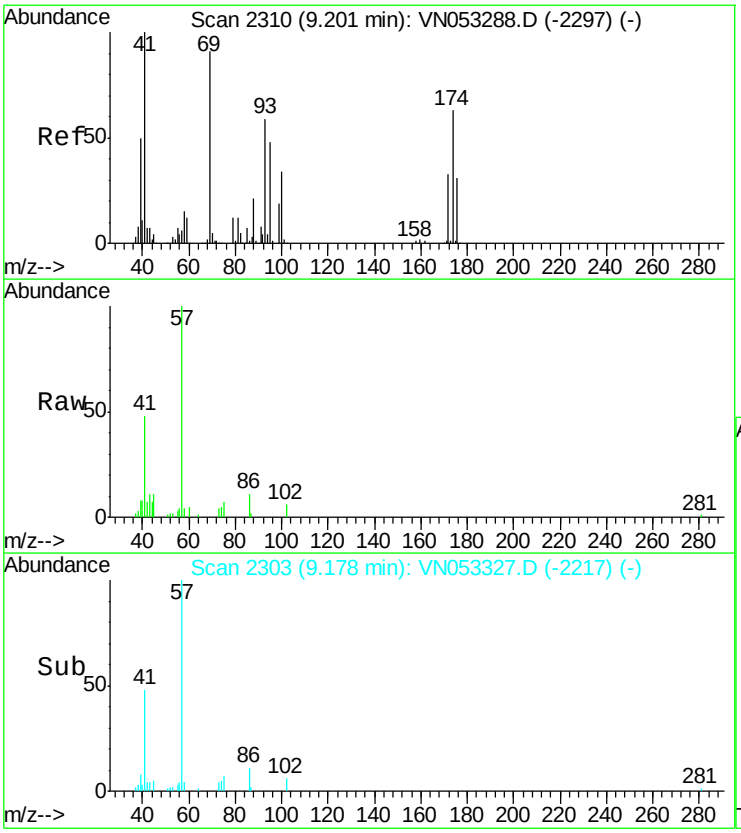
#45
1,2-Dichloropropane
Concen: 0.245 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Tgt Ion: 63 Resp: 3382

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

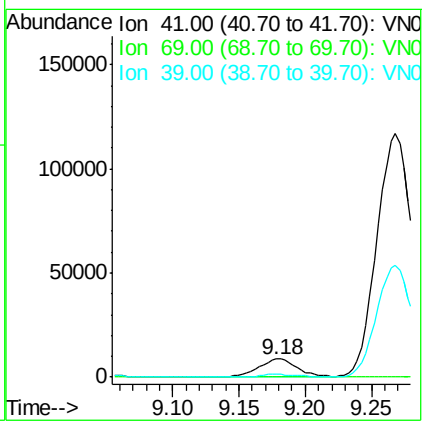


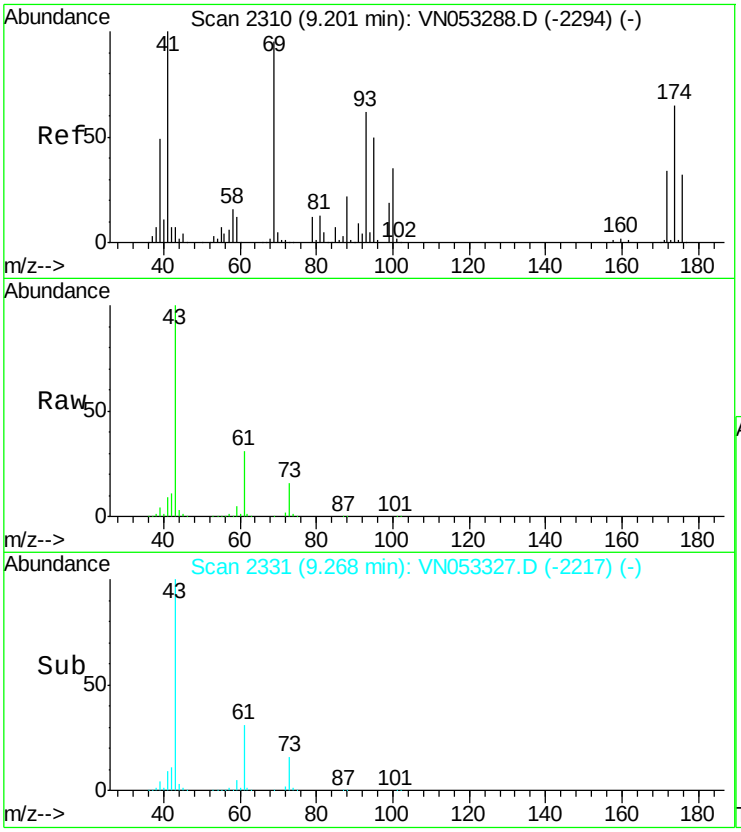


#48
Methyl methacrylate
Concen: 1.792 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 41 Resp: 17986

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.5	110.3#
39	0.0	41.6	62.4#



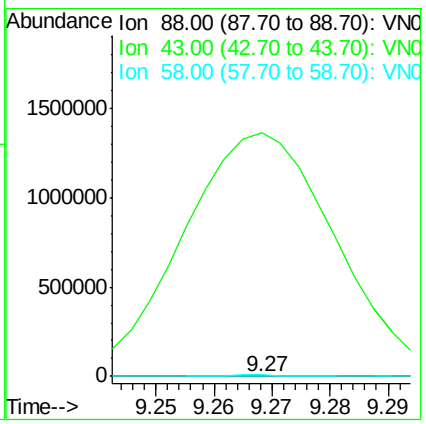


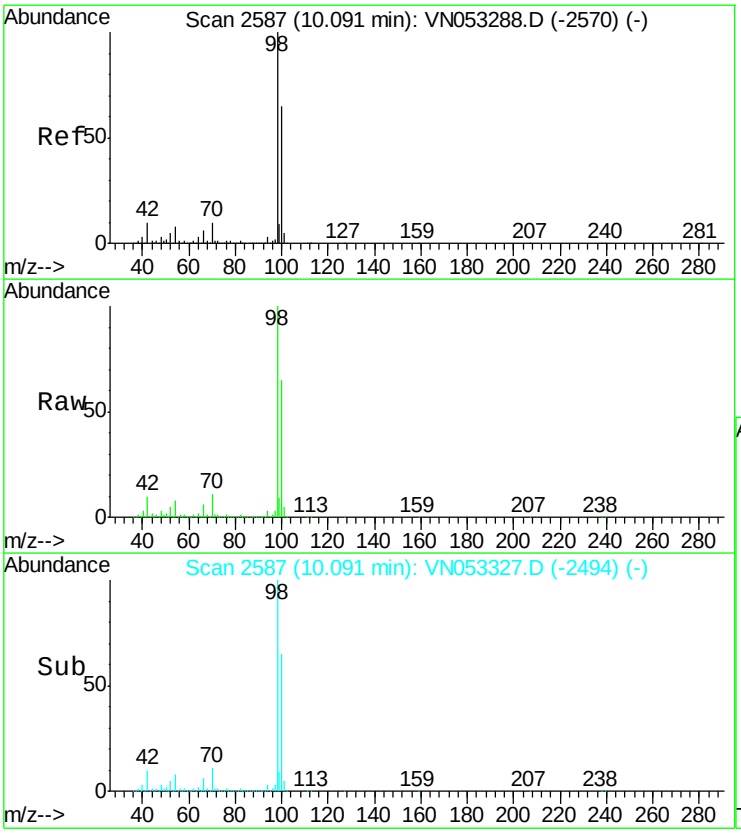
#49
1,4-Dioxane
Concen: 2.058 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion: 88 Resp: 220

Ion	Ratio	Lower	Upper
88	100		
43	1159423.2	26.2	39.4#
58	5076.4	55.5	83.3#

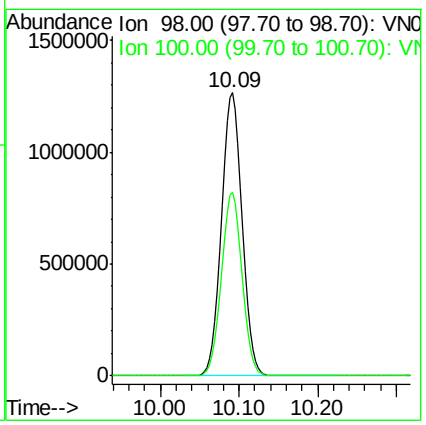


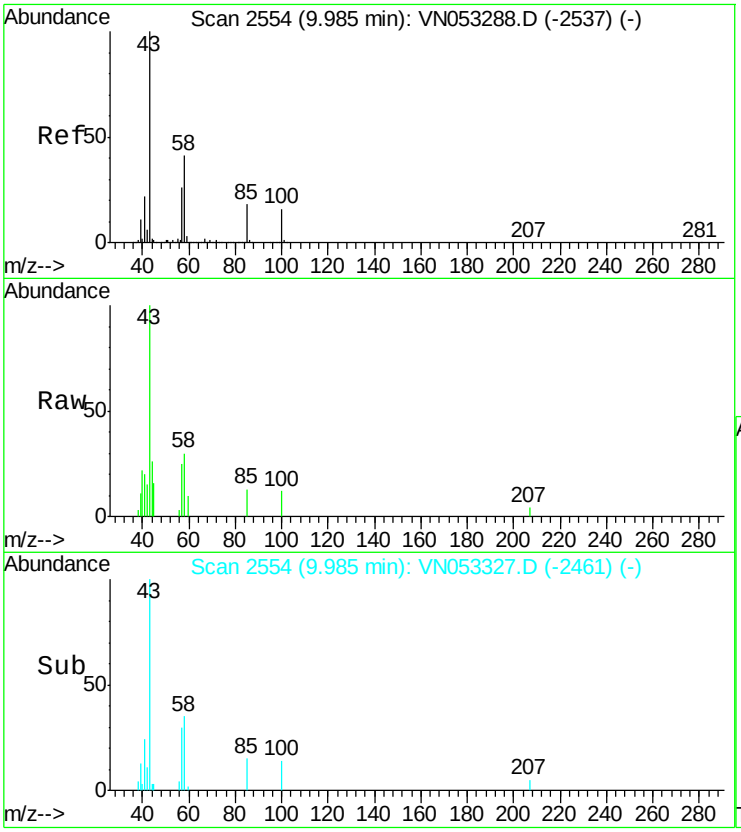


#50
Toluene-d8
Concen: 2.058 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 98 Resp: 2279729

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3



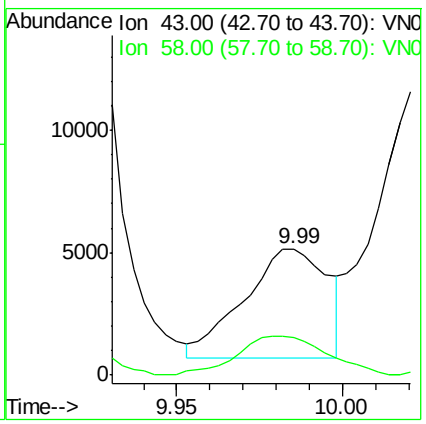


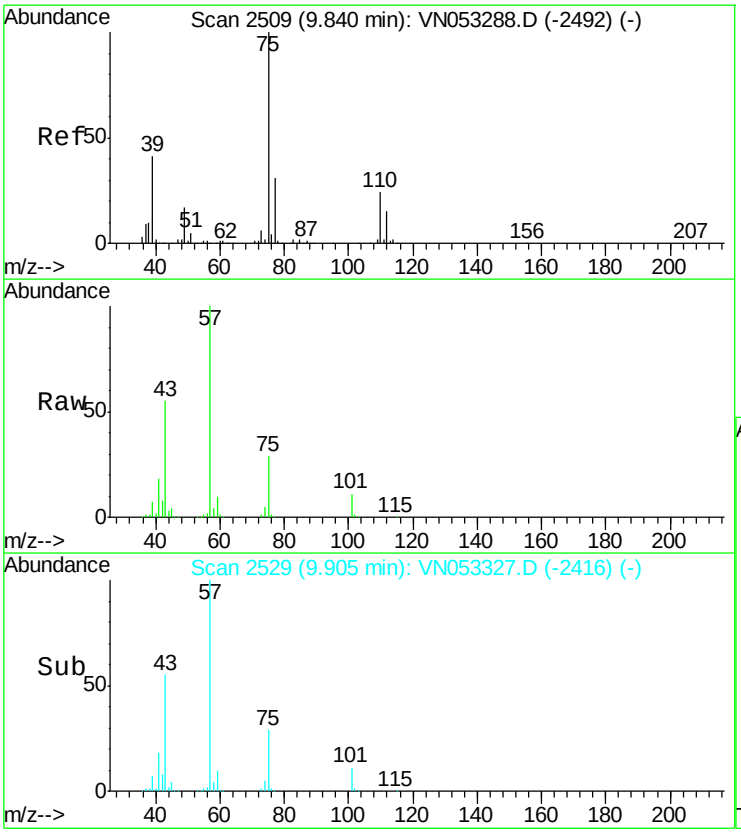
#51
4-Methyl-2-Pentanone
Concen: 0.706 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Tgt Ion: 43 Resp: 7843

Ion	Ratio	Lower	Upper
43	100		
58	38.6	32.7	49.1

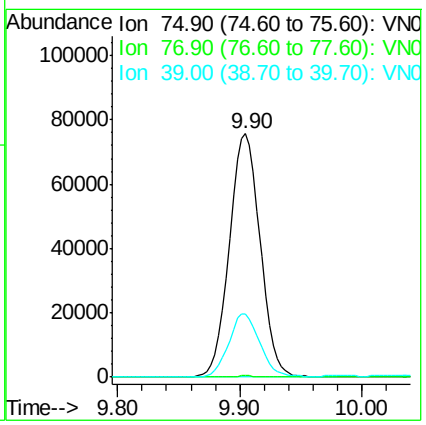


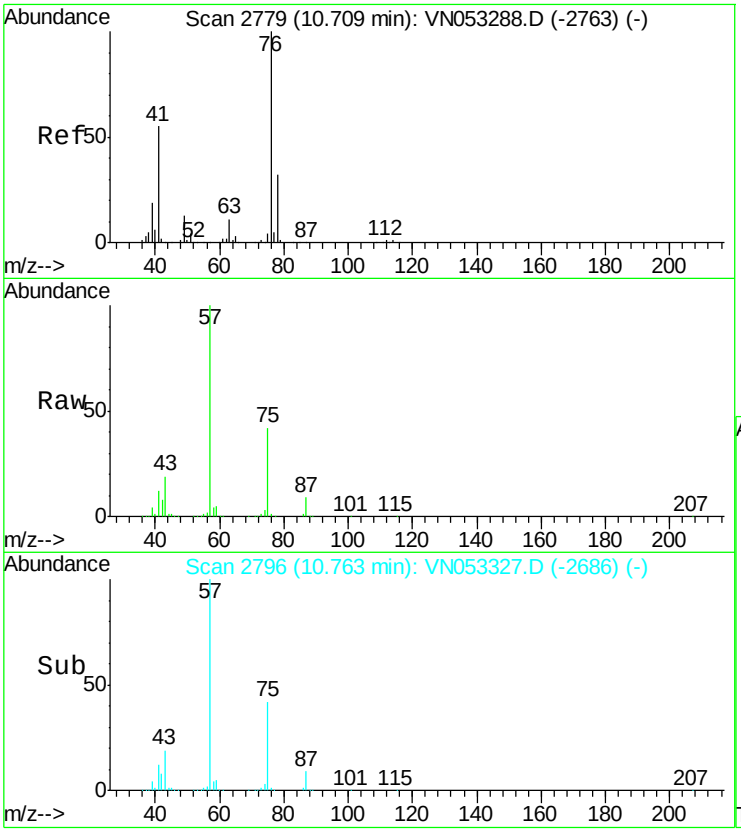


#54
cis-1,3-Dichloropropene
Concen: 6.674 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 75 Resp: 132390

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.1	37.7#
39	25.7	33.1	49.7#



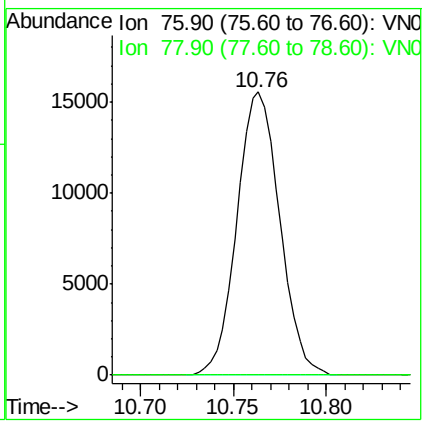


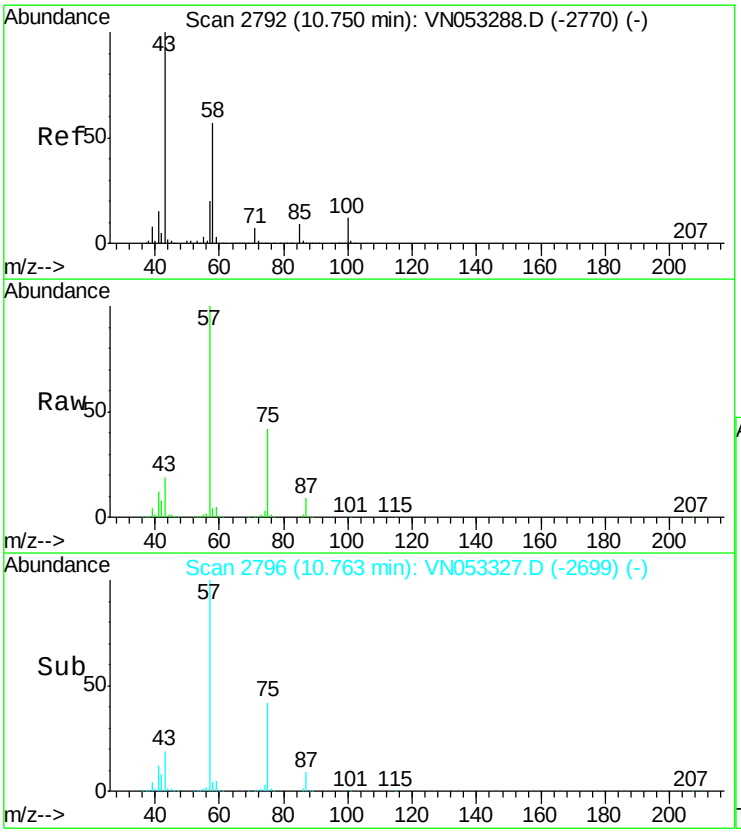
#57
1,3-Dichloropropane
Concen: 1.259 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion: 76 Resp: 25003

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

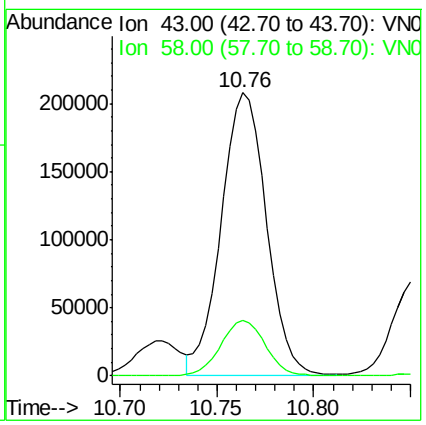


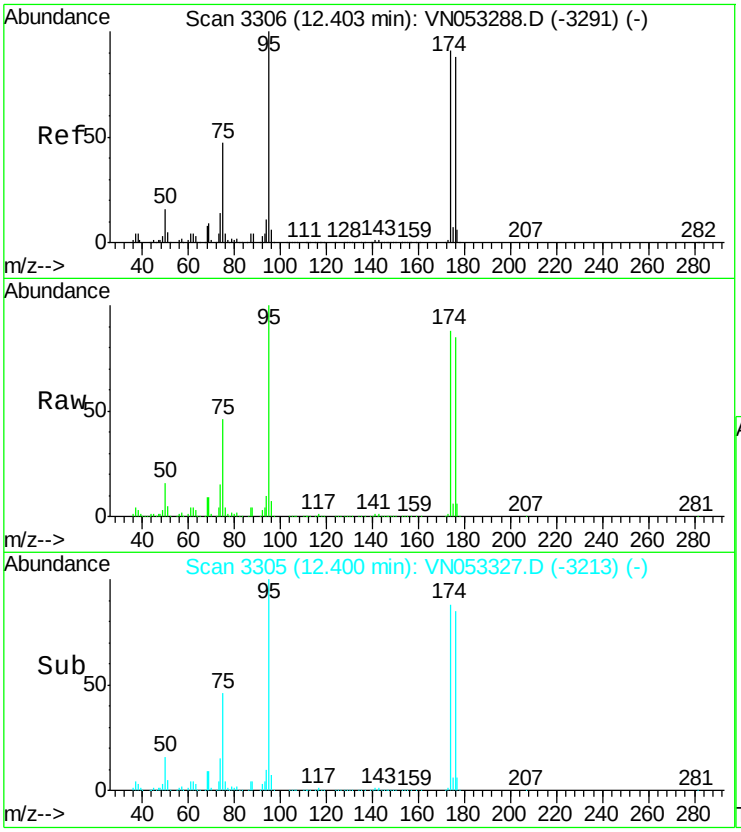


#59
2-Hexanone
Concen: 44.081 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 43 Resp: 335493

Ion	Ratio	Lower	Upper
43	100		
58	19.6	28.3	85.0#



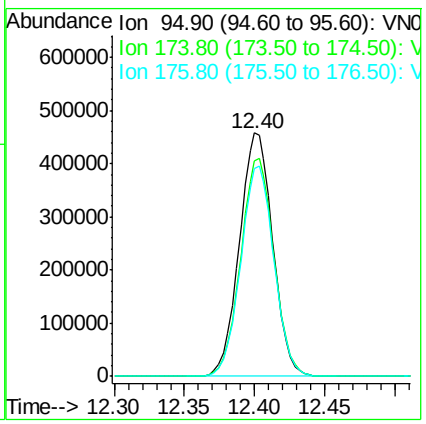


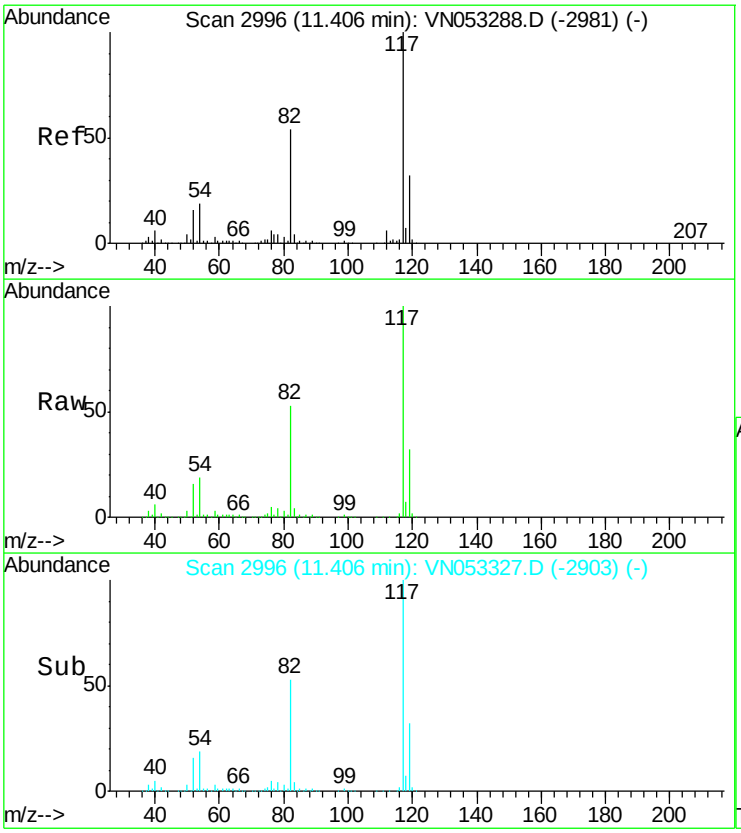
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion: 95 Resp: 757246

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	180.4
176	86.3	0.0	175.6

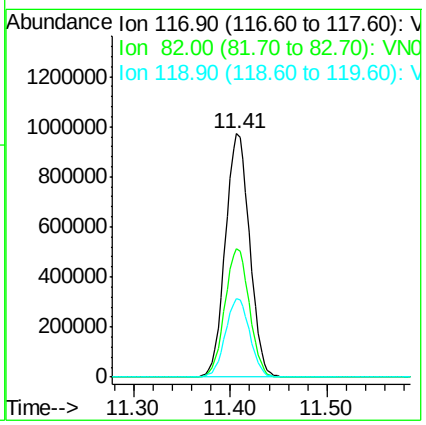


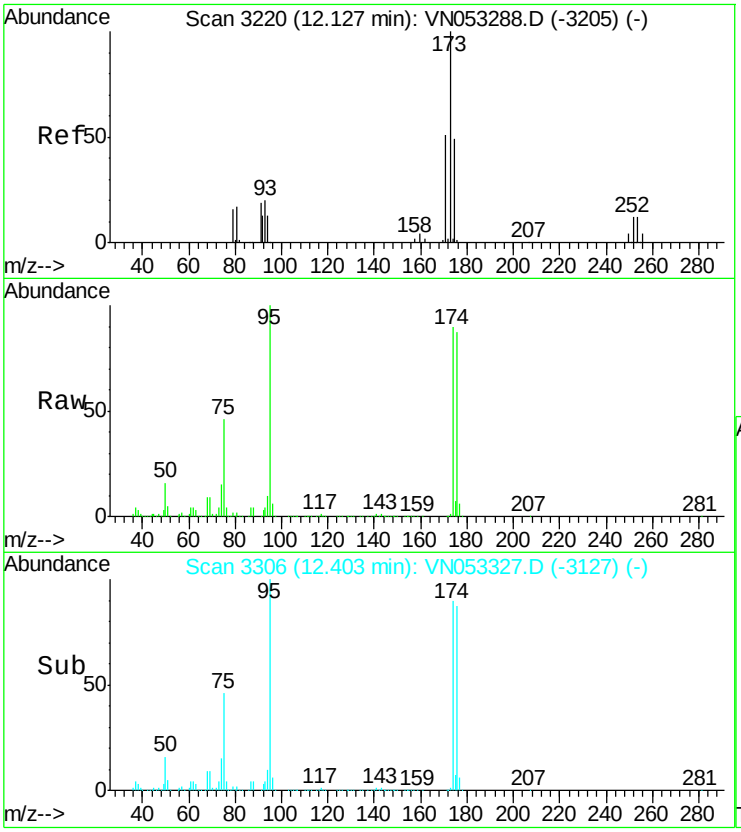


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion:117 Resp: 1692963

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.1	25.6	38.4



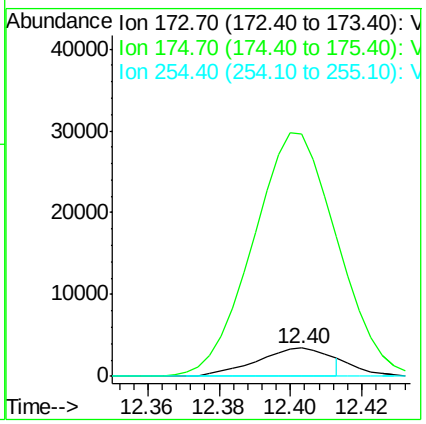


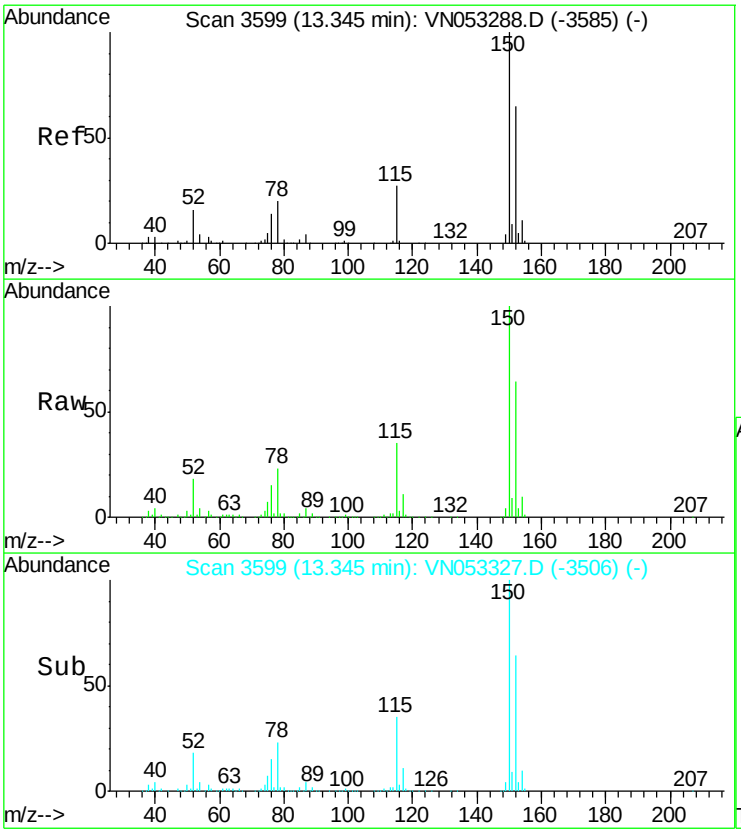
#71
Bromoform
Concen: 0.530 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Tgt Ion:173 Resp: 4818

Ion	Ratio	Lower	Upper
173	100		
175	892.5	24.3	72.8#
254	0.0	0.2	0.2#

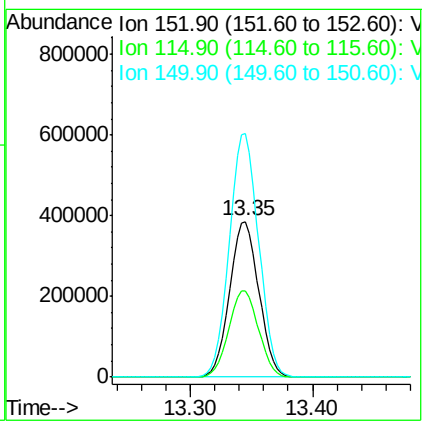


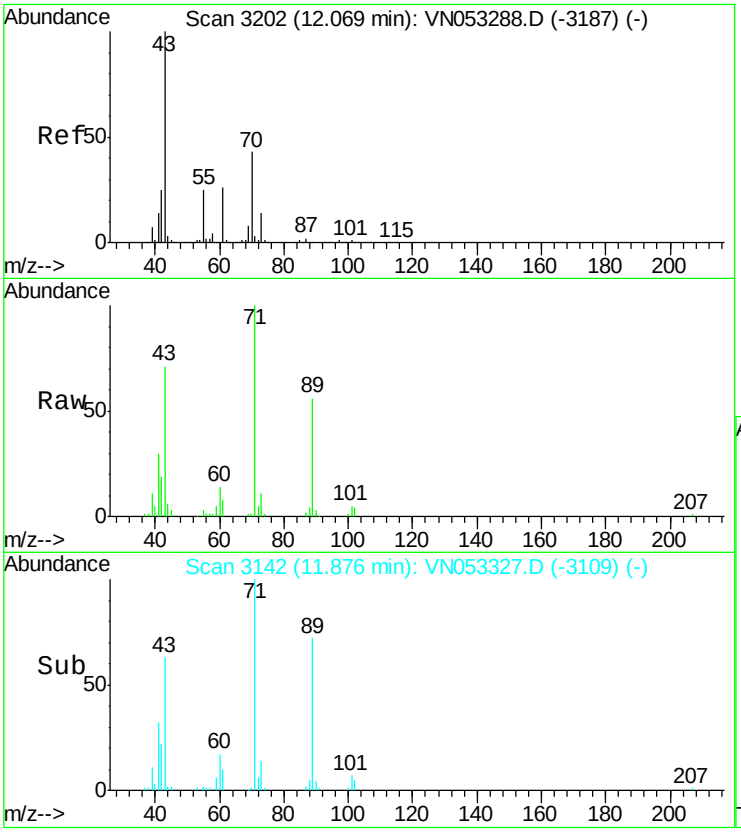


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion:152 Resp: 641354

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	84.0
150	157.2	0.0	346.6



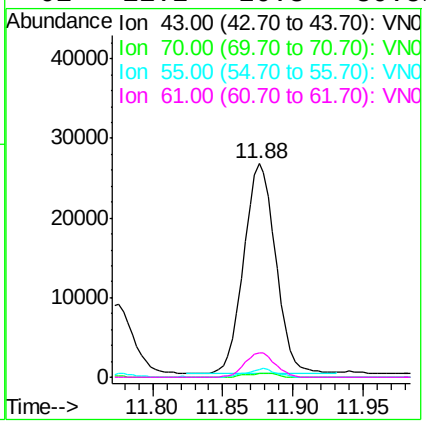


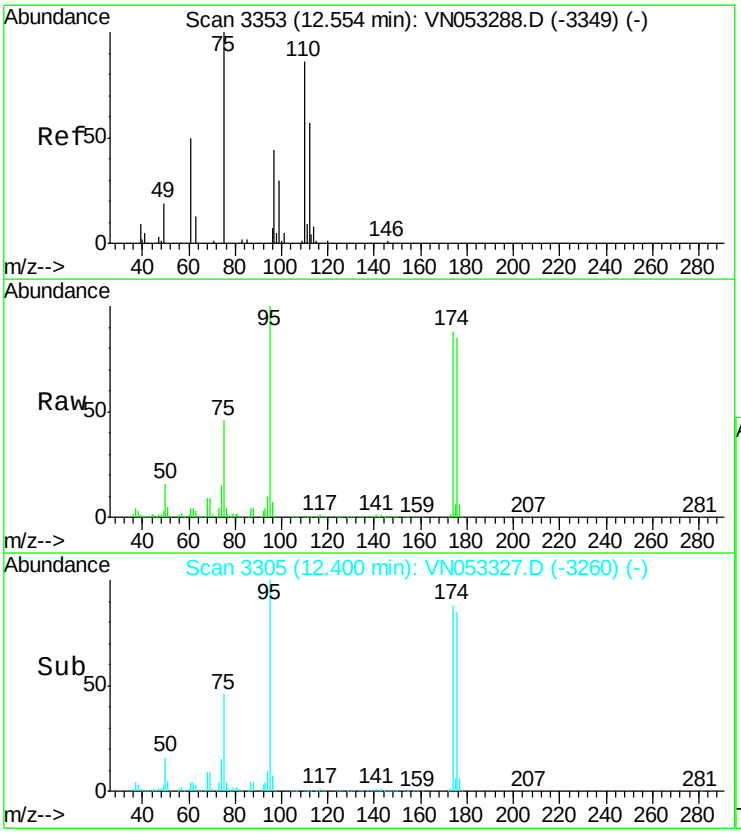
#74
N-amyl acetate
Concen: 2.937 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument : MSVOA_N
ClientSampleId : MH-447-C

Tgt Ion: 43 Resp: 41874

Ion	Ratio	Lower	Upper
43	100		
70	1.8	35.0	52.6#
55	3.8	20.0	30.0#
61	11.2	20.3	30.5#

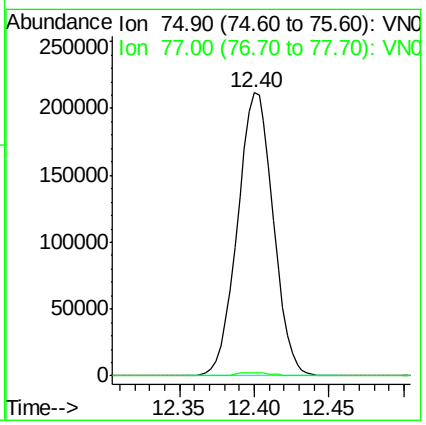


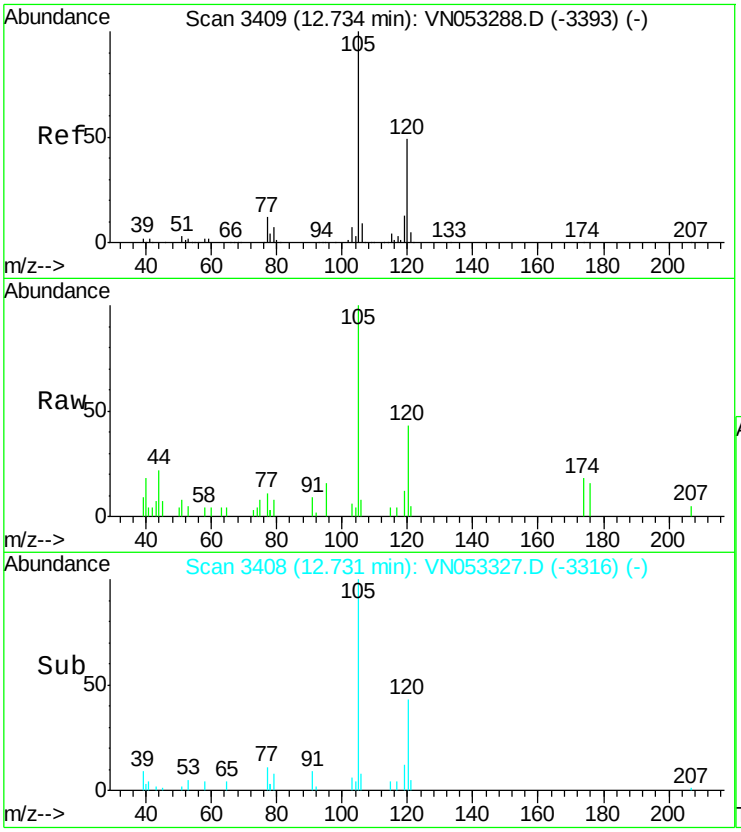


#76
1,2,3-Trichloropropane
Concen: 37.641 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 75 Resp: 352117

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



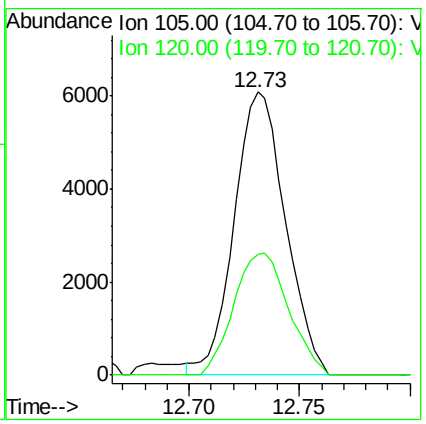


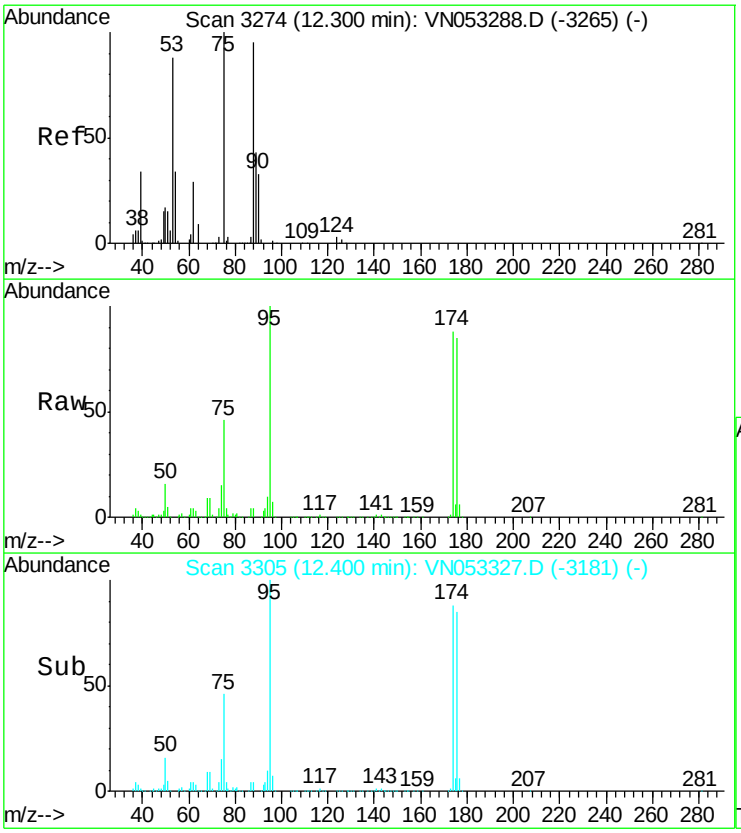
#80
1,3,5-Trimethylbenzene
Concen: 0.256 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
MH-447-C

Tgt Ion:105 Resp: 9844

Ion	Ratio	Lower	Upper
105	100		
120	45.9	24.7	74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 110.748 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053327.D
Acq: 9 Jan 2019 18:25

Tgt Ion: 75 Resp: 352117

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	35.4	53.0#