Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011419\

Quantitation Report (Not Reviewed)

Data File : VN053389.D
Acq On : 14 Jan 2019 14:11
Operator : JC/SP
Sample : PB116342ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Quant Time: Jan 14 22:56:48 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	1007907	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1573234	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1489136	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	640069	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	513764	49.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.00%				
35) Dibromofluoromethane	7.59	113	449504	50.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.38%				
50) Toluene-d8	10.09	98	1976517	51.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.32%				
62) 4-Bromofluorobenzene	12.40	95	686903	50.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.58%				
Target Compounds							Qvalue
16) Acetone	3.82	43	14933	3.715	ug/l		92
18) Methyl Acetate	4.33	43	3773	0.398	ug/l	#	73
20) Methylene Chloride	4.56	84	12356	1.097	ug/l		100
25) 2-Butanone	6.84	43	2227	0.518	ug/l	#	47
29) Tetrahydrofuran	7.22	42	1794	0.632	ug/l	#	68
31) Cyclohexane	7.66	56	16416	0.726	ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	67173	4.574	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	86610	6.389	ug/l	#	16
43) Isopropyl Acetate	8.17	43	45297	2.407	ug/l	#	85
45) 1,2-Dichloropropane	9.26	63	3111	0.264	ug/l	#	43
48) Methyl methacrylate	9.18	41	12604	1.474	ug/l	#	12
49) 1,4-Dioxane	9.26	88	103	1.131	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	17191	1.816	ug/l	#	34
54) cis-1,3-Dichloropropene	9.90	75	110246	6.523	ug/l	#	62
57) 1,3-Dichloropropane	10.76	76	23608	1.395	ug/l	#	42
59) 2-Hexanone	10.76	43	314557	48.509	ug/l	#	50
71) Bromoform	12.40	173	4741	0.593	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	324713	34.782	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	11340	0.295	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	324713	102.334	ug/l	#	14
95) Naphthalene	15.14	128	2571	0.228	ug/l	#	72
96) 1,2,3-Trichlorobenzene	15.31	180	1375	0.318	ug/l		85

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

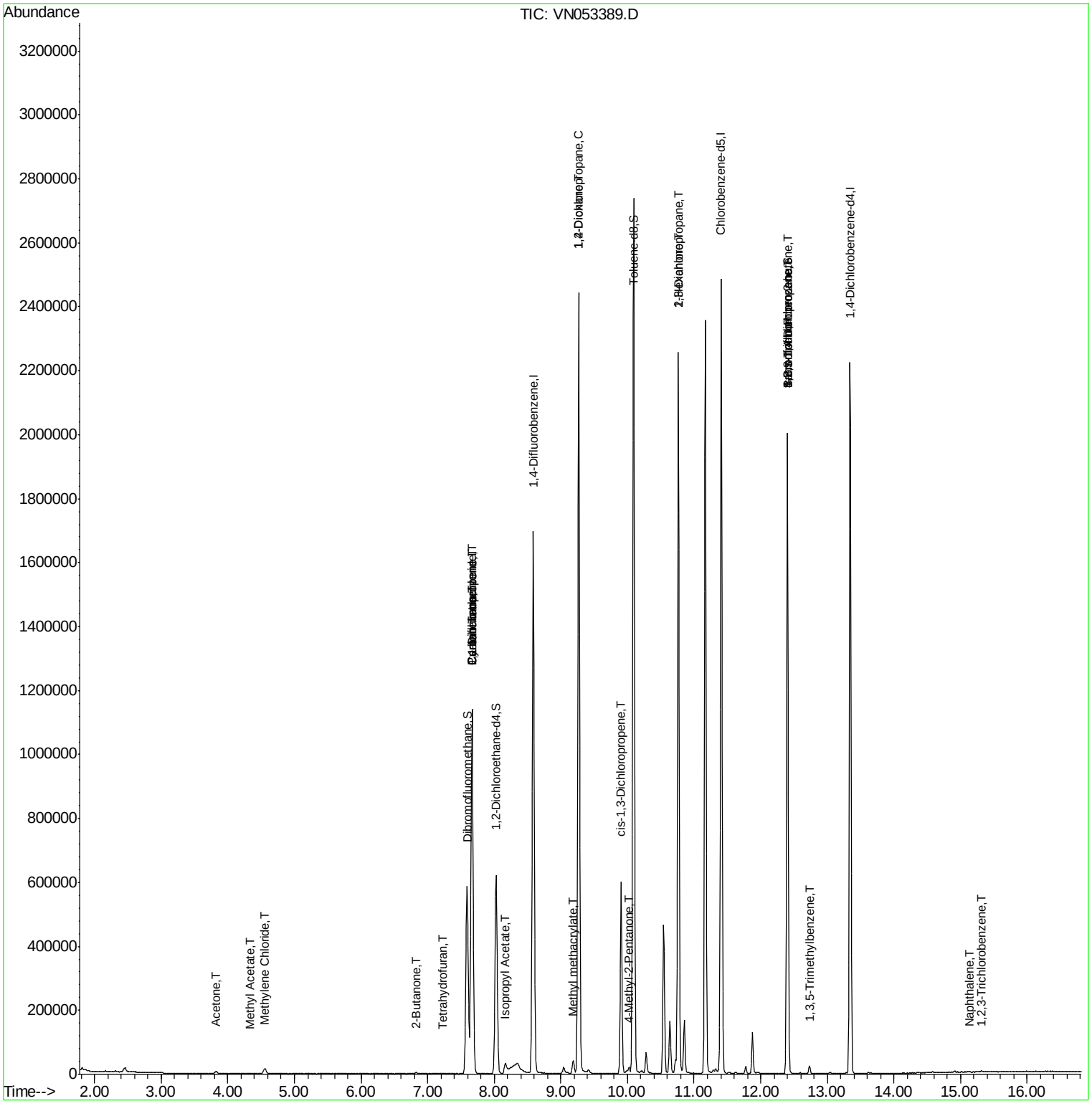
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011419\

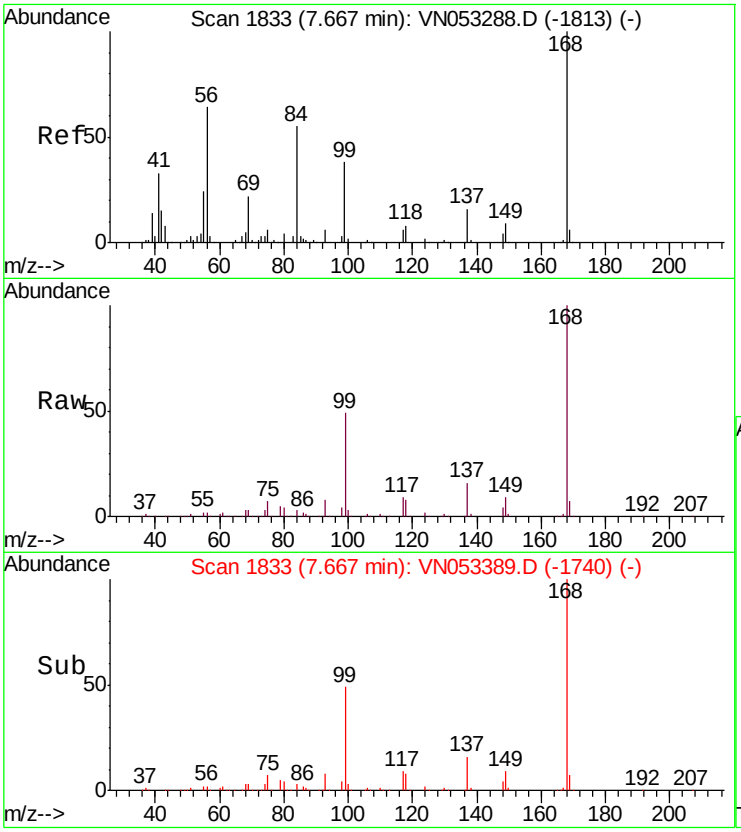
Quantitation Report (Not Reviewed)

Data File : VN053389.D
Acq On : 14 Jan 2019 14:11
Operator : JC/SP
Sample : PB116342ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Quant Time: Jan 14 22:56:48 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



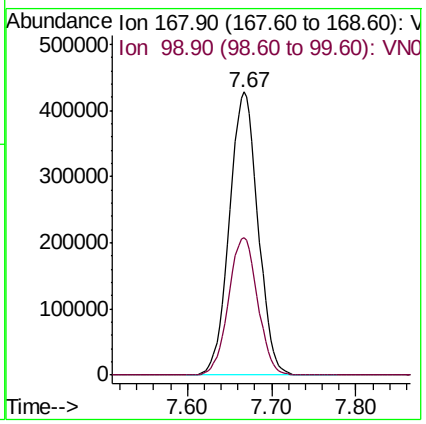


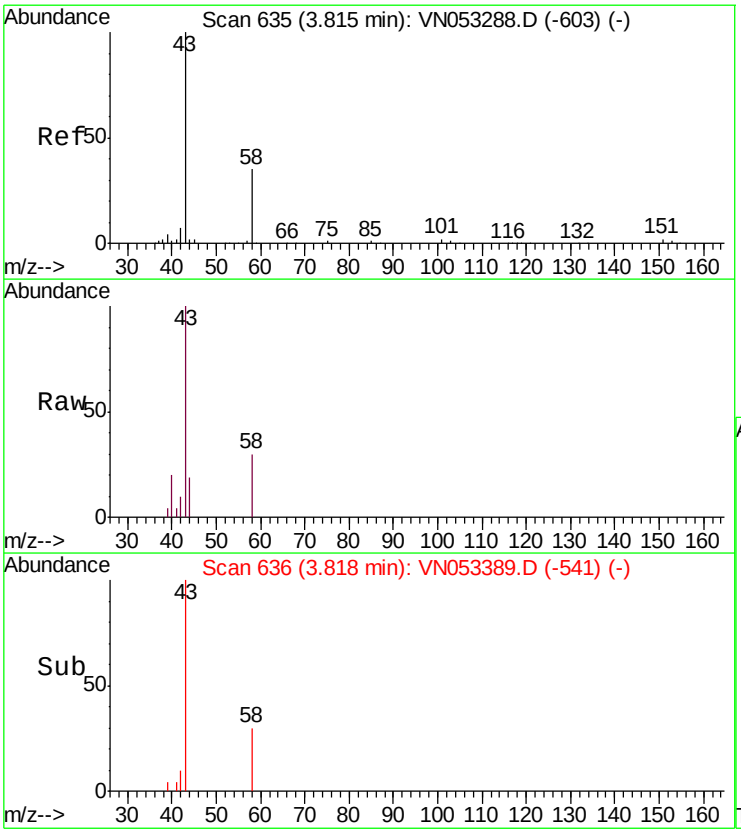
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Tgt Ion:168 Resp: 1007907

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.1	58.7

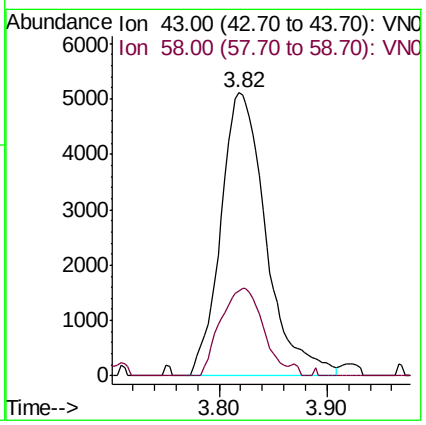


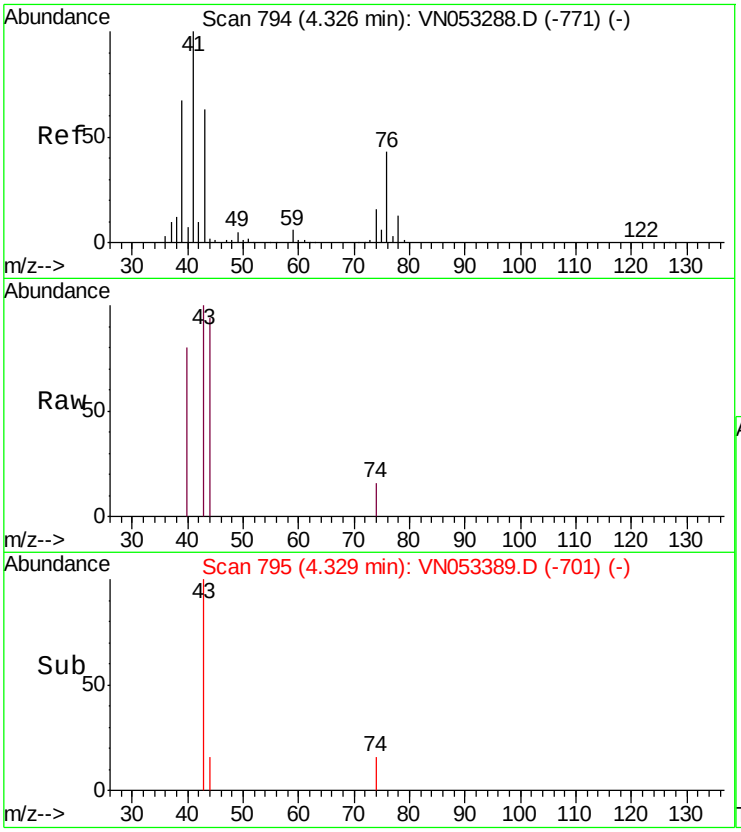


#16
Acetone
Concen: 3.715 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 43 Resp: 14933

Ion	Ratio	Lower	Upper
43	100		
58	30.0	27.8	41.6



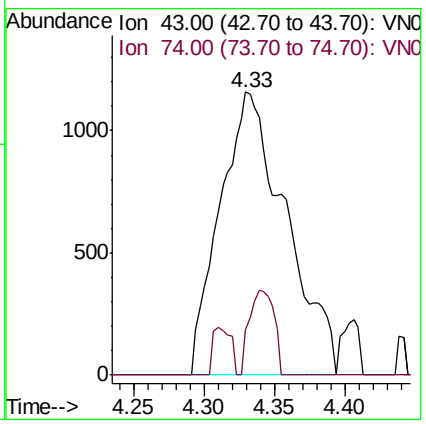


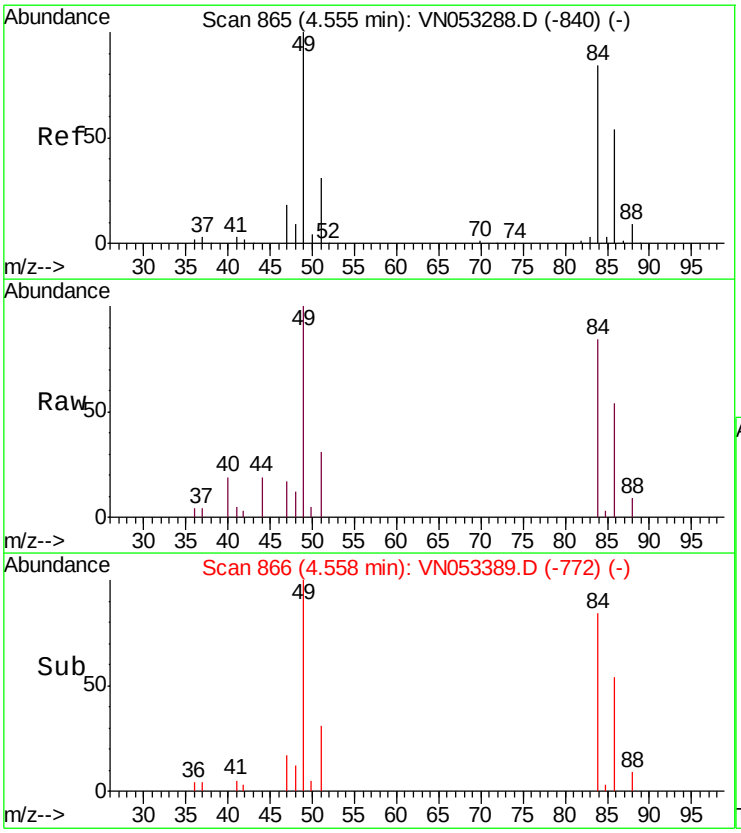
#18
Methyl Acetate
Concen: 0.398 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Tgt Ion: 43 Resp: 3773

Ion	Ratio	Lower	Upper
43	100		
74	11.3	19.8	29.8#

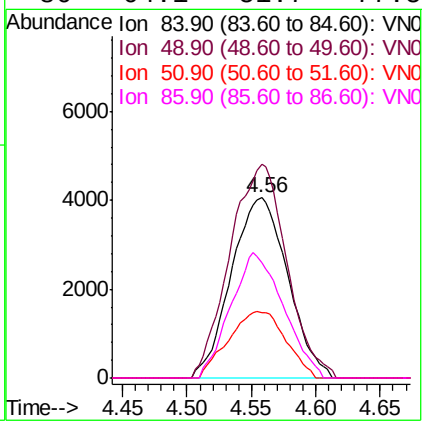


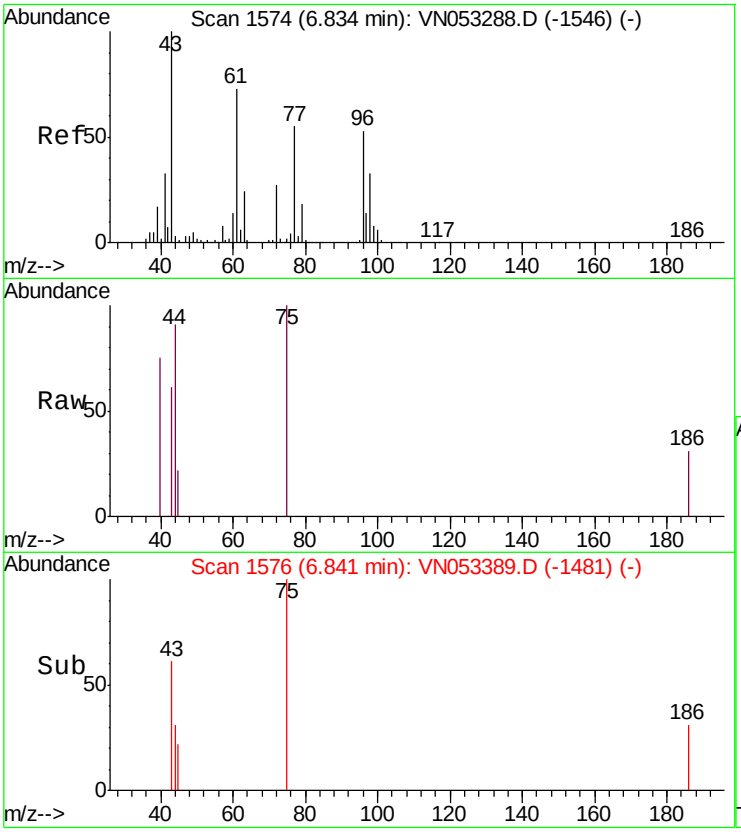


#20
Methylene Chloride
Concen: 1.097 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 84 Resp: 12356

Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.3	142.9
51	36.6	29.0	43.6
86	64.1	51.7	77.5



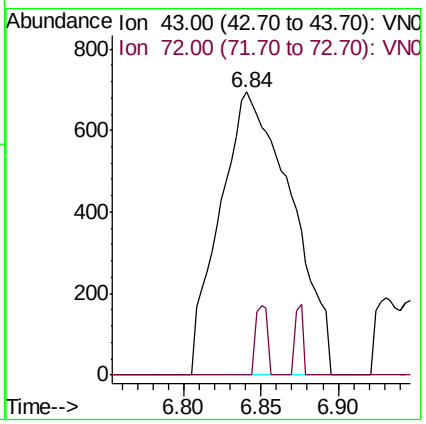


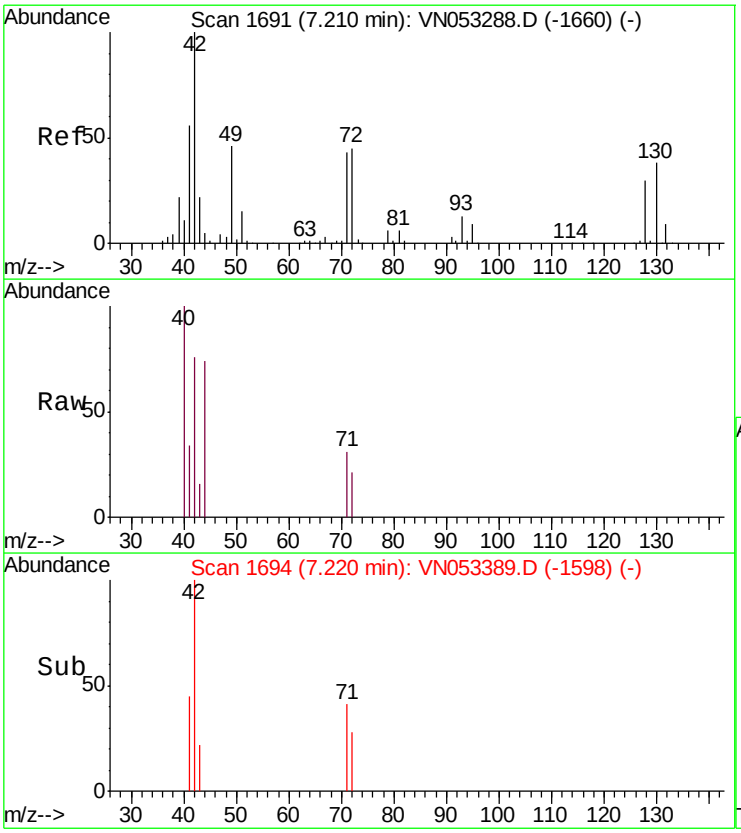
#25
2-Butanone
Concen: 0.518 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#

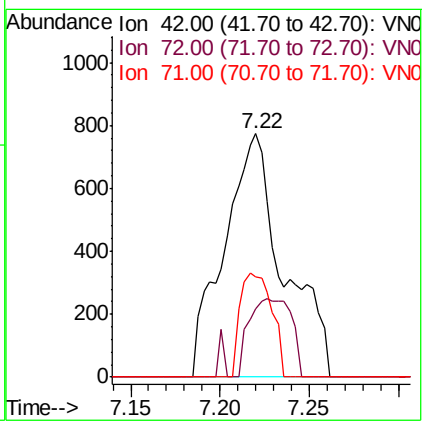


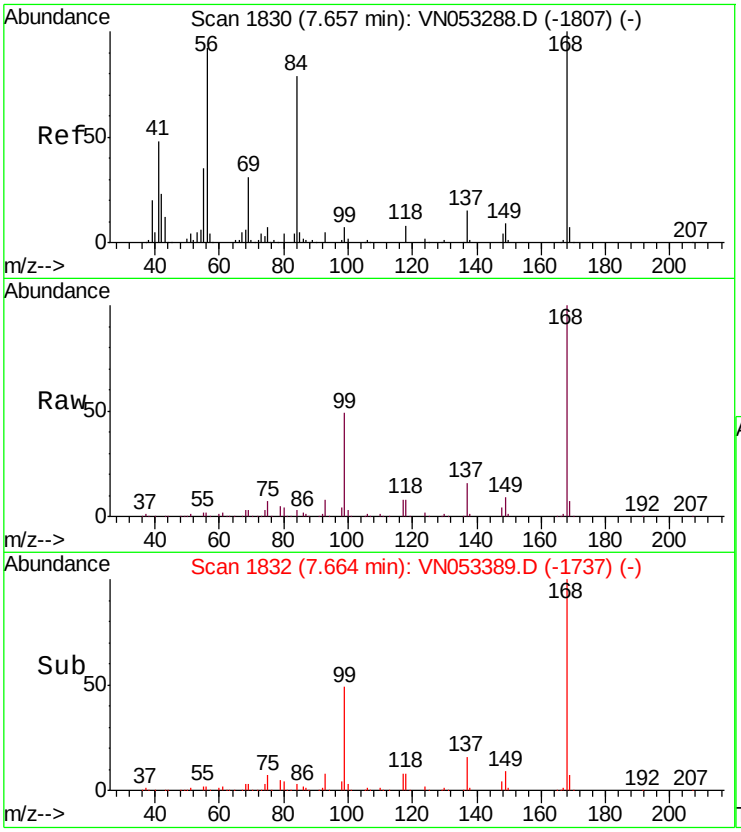


#29
Tetrahydrofuran
Concen: 0.632 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 42 Resp: 1794

Ion	Ratio	Lower	Upper
42	100		
72	23.1	35.6	53.4#
71	22.9	33.8	50.8#



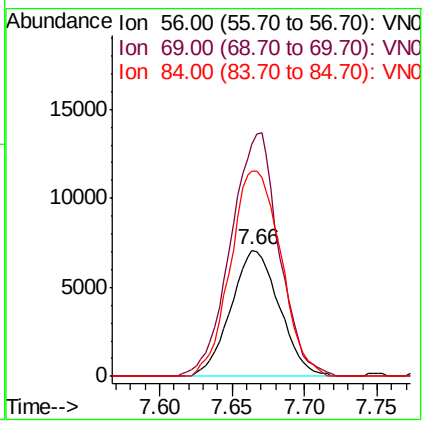


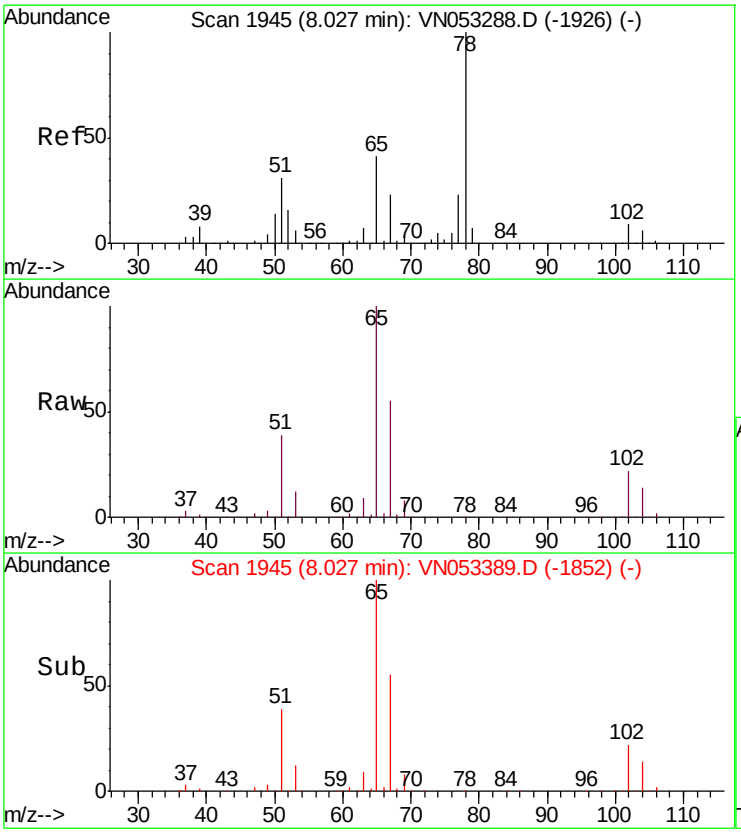
#31
Cyclohexane
Concen: 0.726 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Tgt Ion: 56 Resp: 16416

Ion	Ratio	Lower	Upper
56	100		
69	183.7	26.7	40.1#
84	162.4	68.2	102.4#

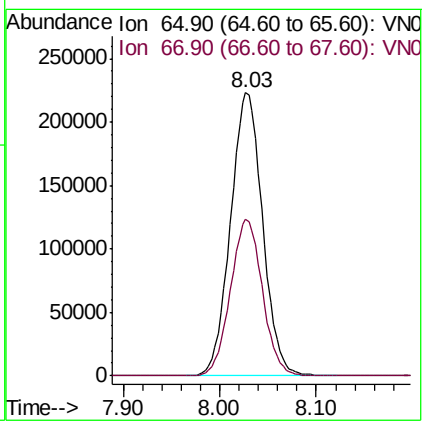


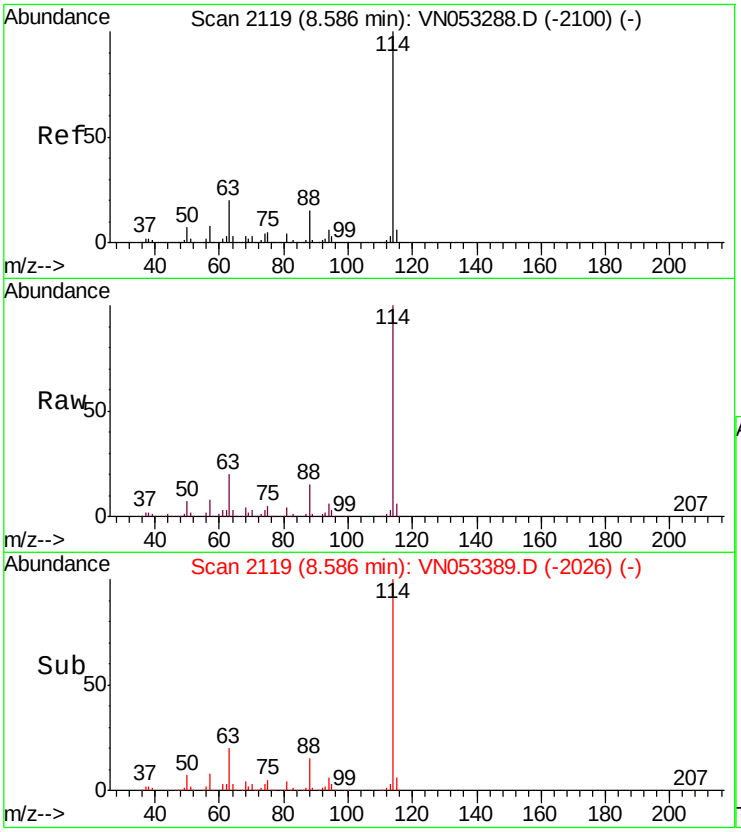


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 65 Resp: 513764

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	111.0



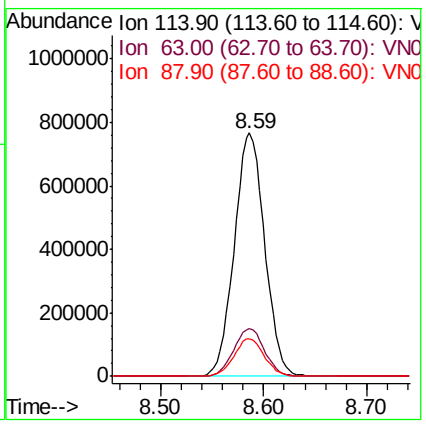


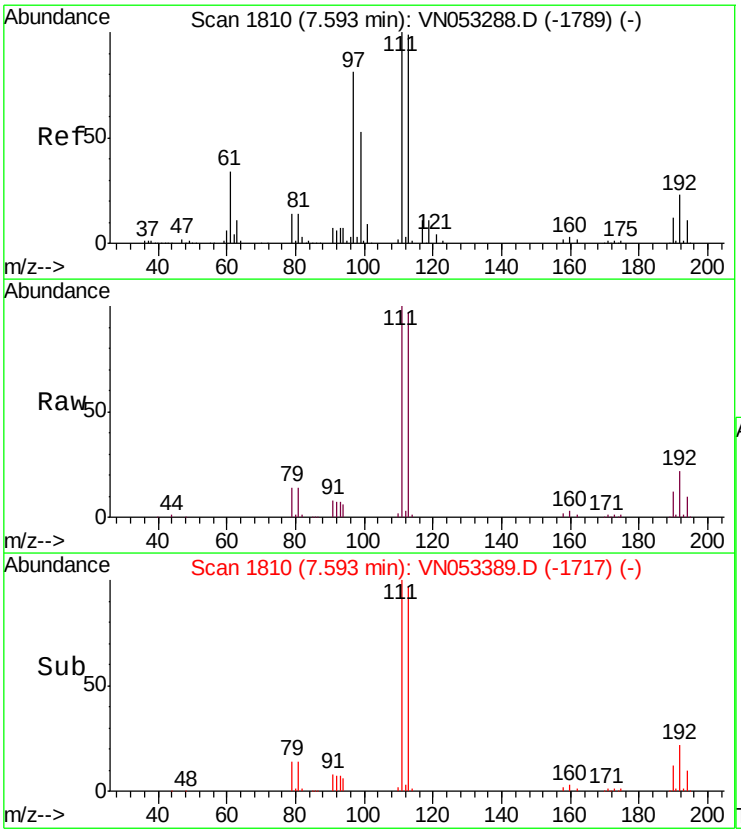
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Tgt Ion:114 Resp: 1573234

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.3	0.0	30.8

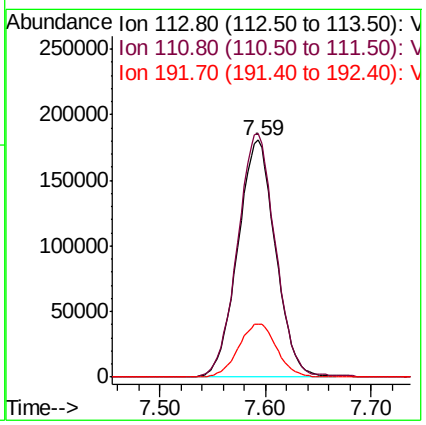


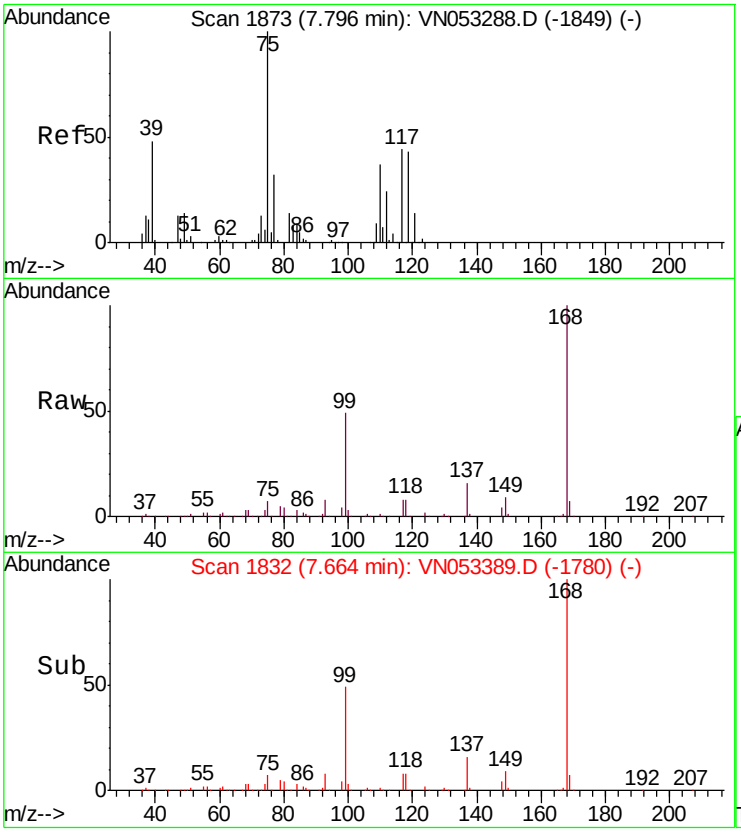


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion:113 Resp: 449504

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.2
192	22.8	17.9	26.9



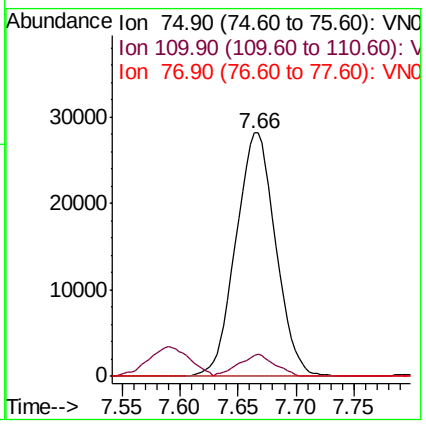


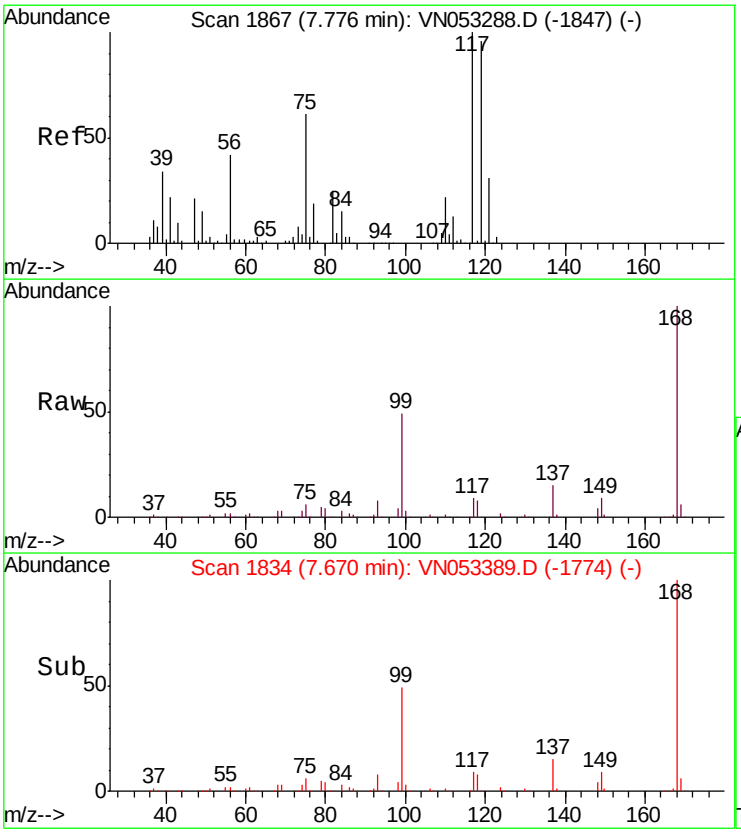
#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Tgt Ion: 75 Resp: 67173

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

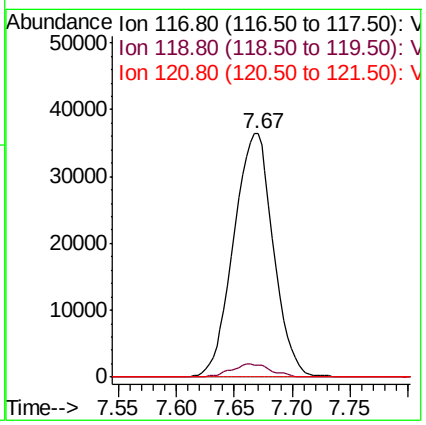


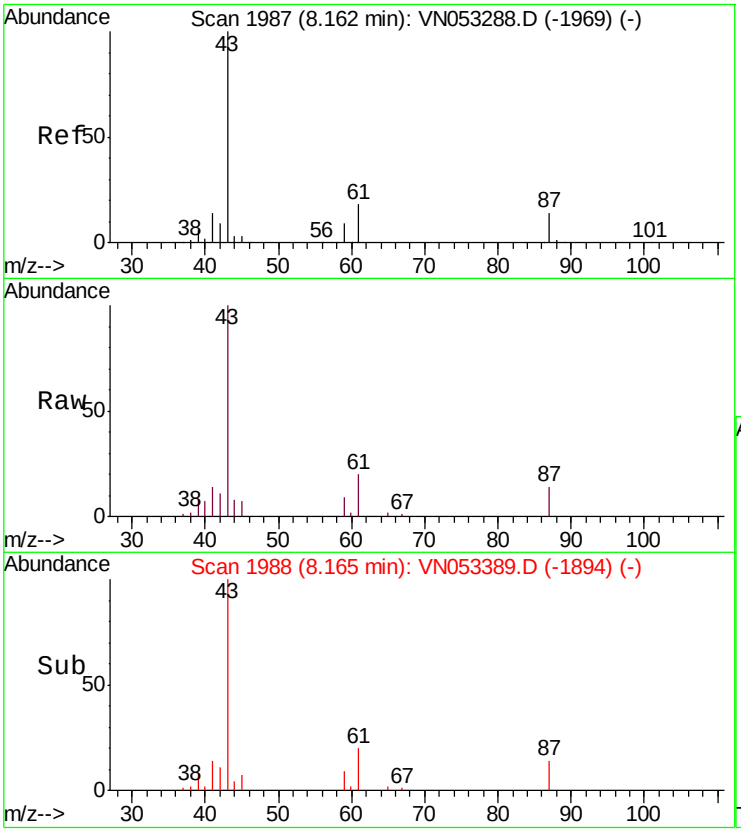


#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion:117 Resp: 86610

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.6	115.0#
121	0.0	25.0	37.4#



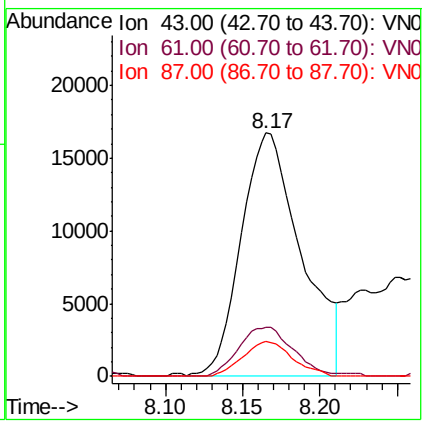


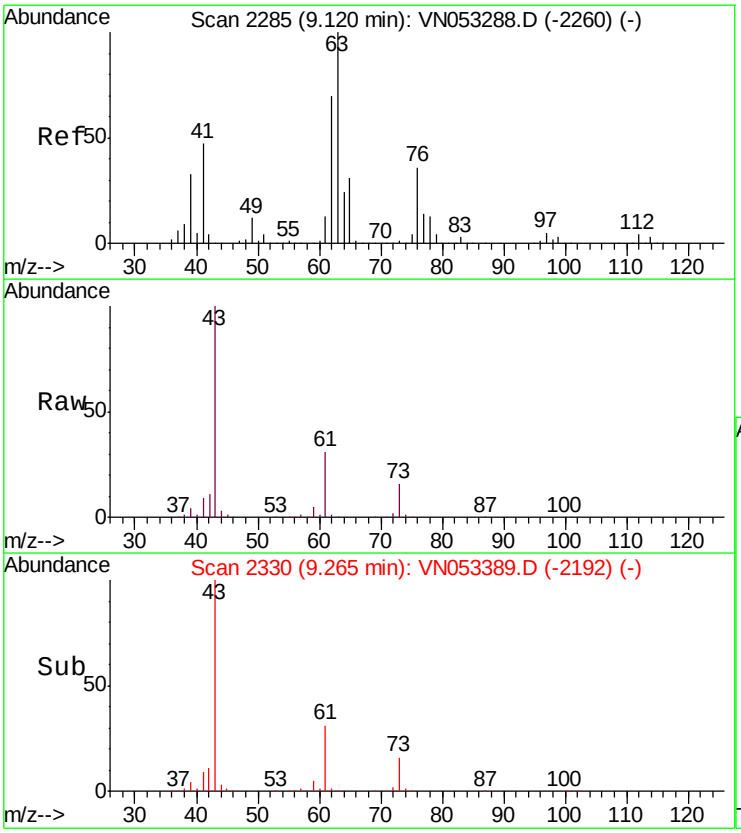
#43
Isopropyl Acetate
Concen: 2.407 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion: 43 Resp: 45297

Ion	Ratio	Lower	Upper
43	100		
61	18.7	23.3	34.9#
87	11.8	10.8	16.2

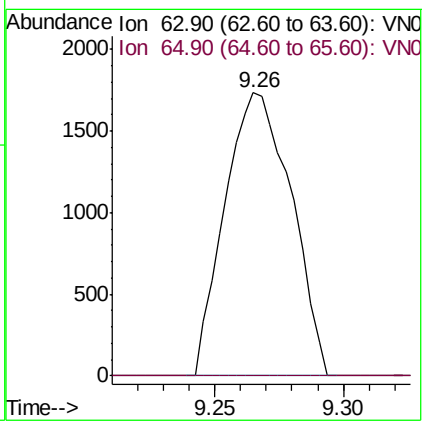


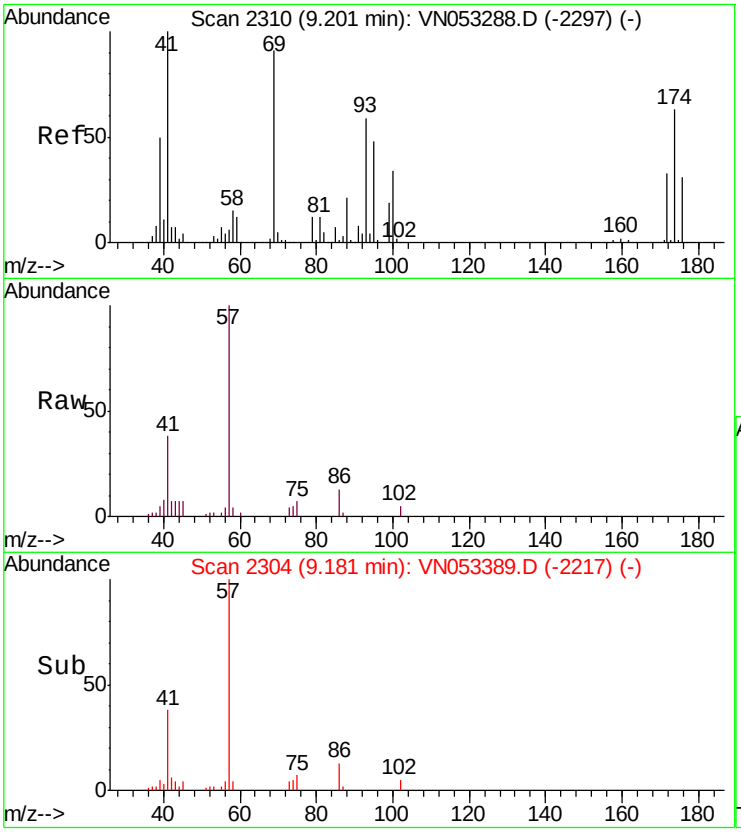


#45
1,2-Dichloropropane
Concen: 0.264 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 63 Resp: 3111

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#



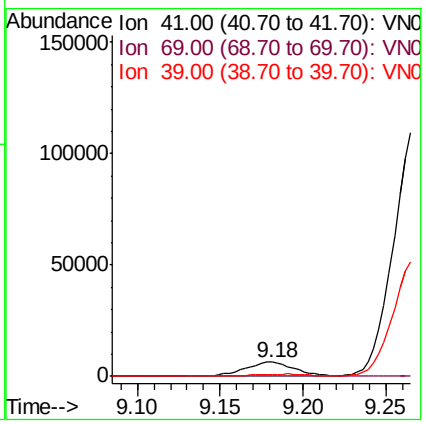


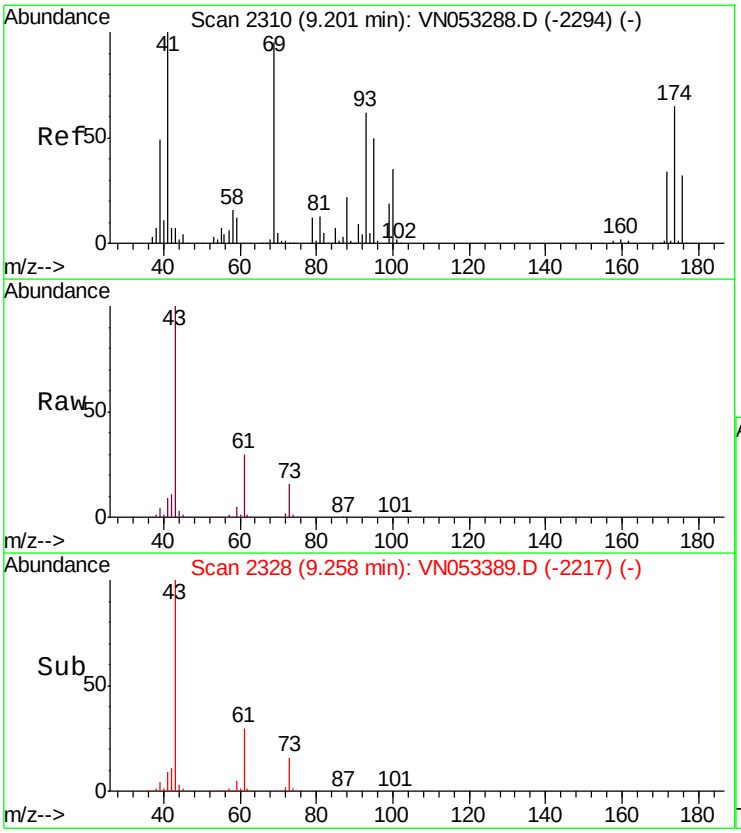
#48
Methyl methacrylate
Concen: 1.474 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion: 41 Resp: 12604

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

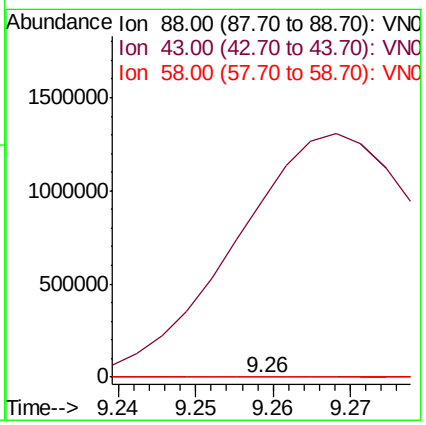


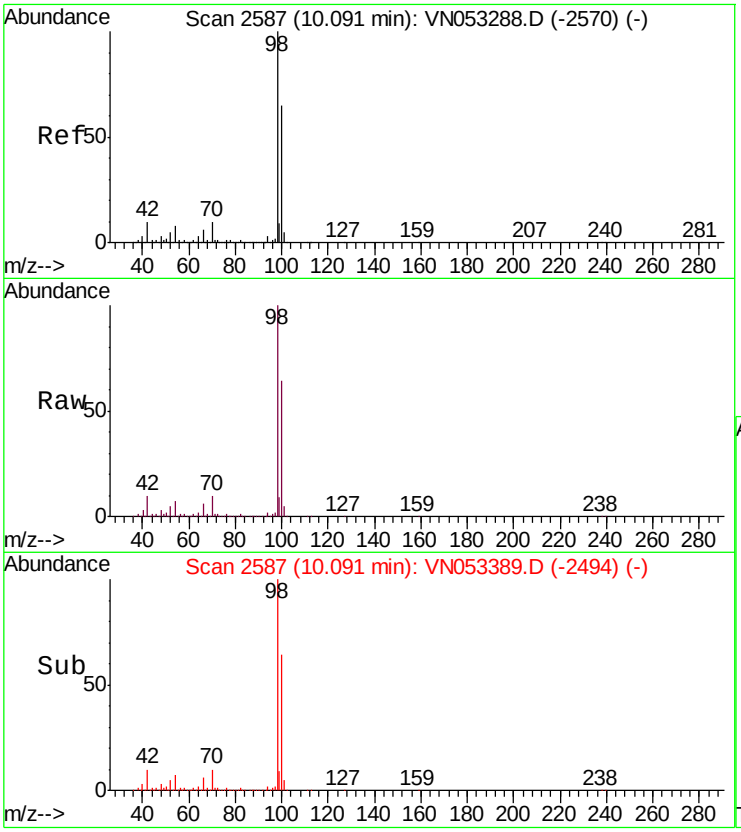


#49
1,4-Dioxane
Concen: 1.131 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 88 Resp: 103

Ion	Ratio	Lower	Upper
88	100		
43	2312629.1	26.2	39.4#
58	10953.4	55.5	83.3#



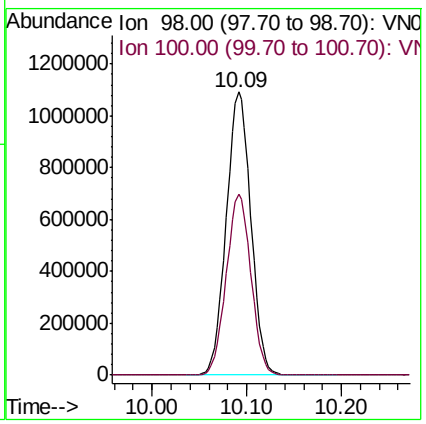


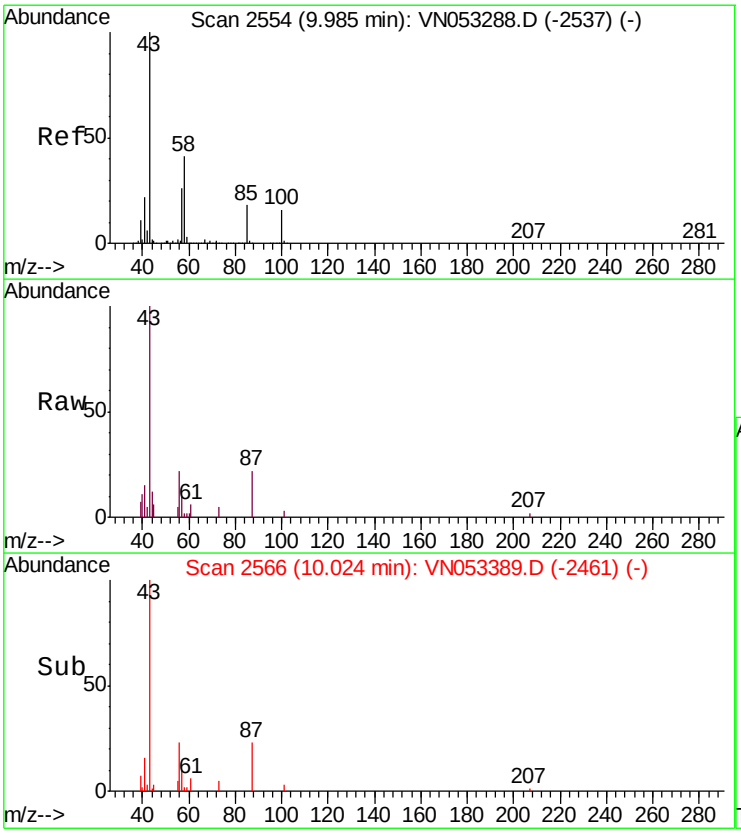
#50
Toluene-d8
Concen: 1.131 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion: 98 Resp: 1976517

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

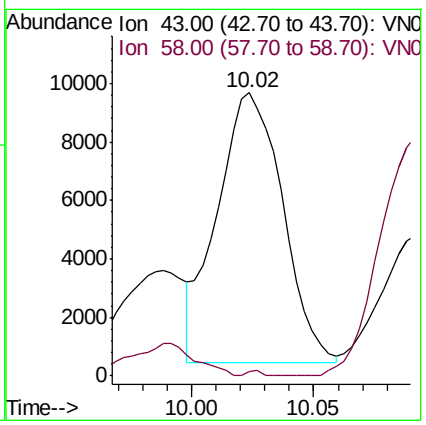


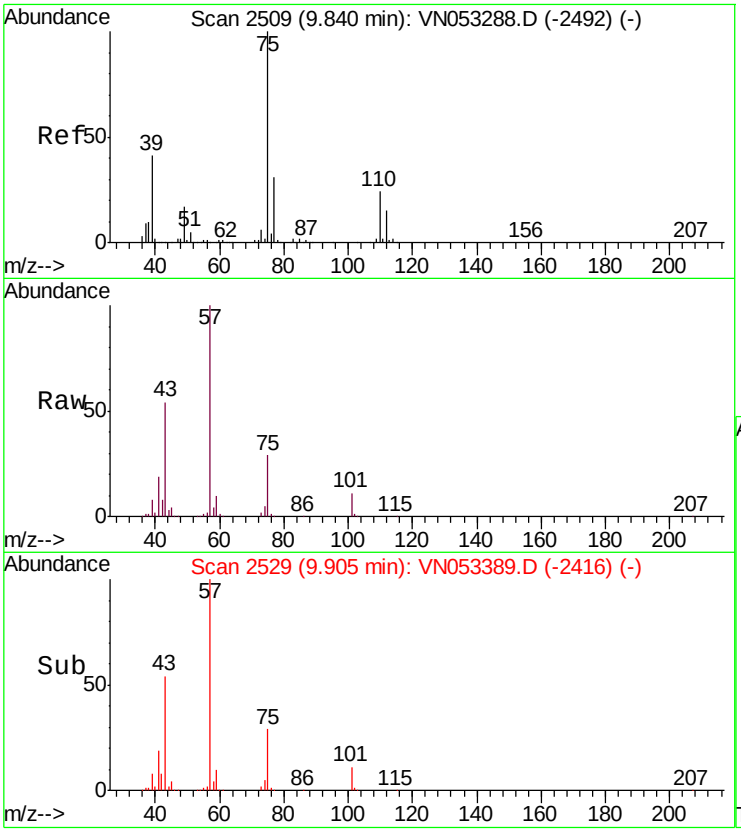


#51
4-Methyl-2-Pentanone
Concen: 1.816 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 43 Resp: 17191

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.7	49.1#



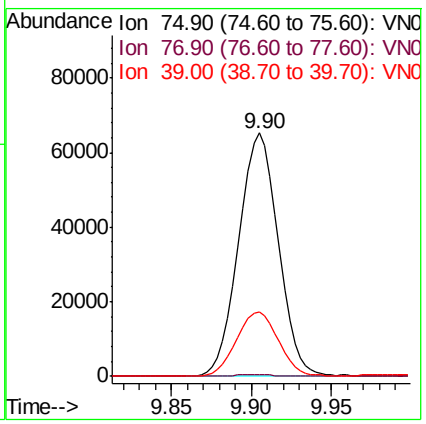


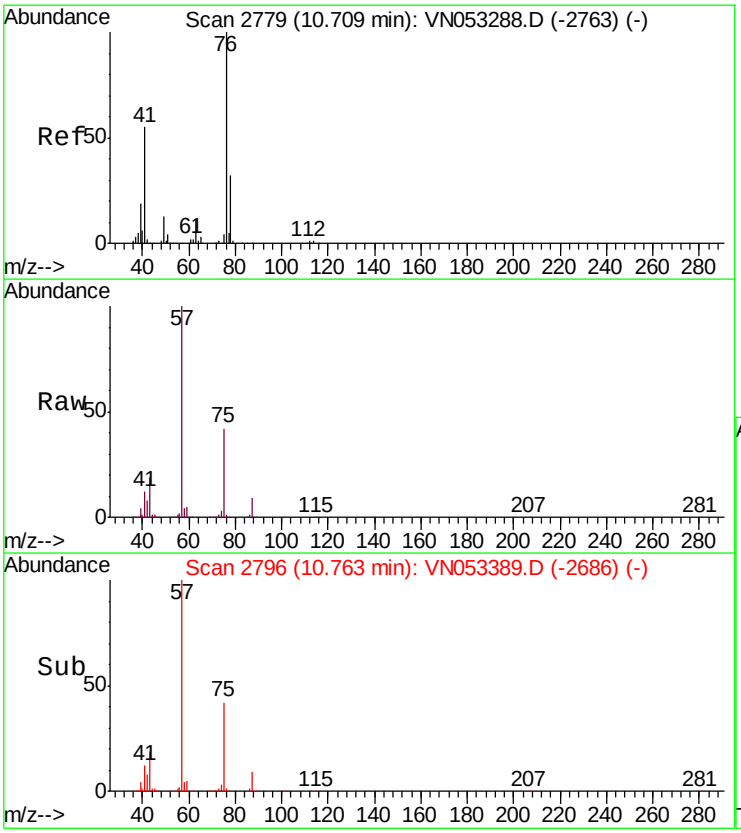
#54
cis-1,3-Dichloropropene
Concen: 6.523 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Tgt Ion: 75 Resp: 110246

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.1	37.7#
39	26.5	33.1	49.7#

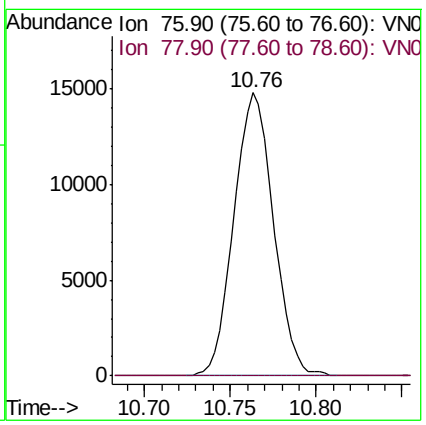


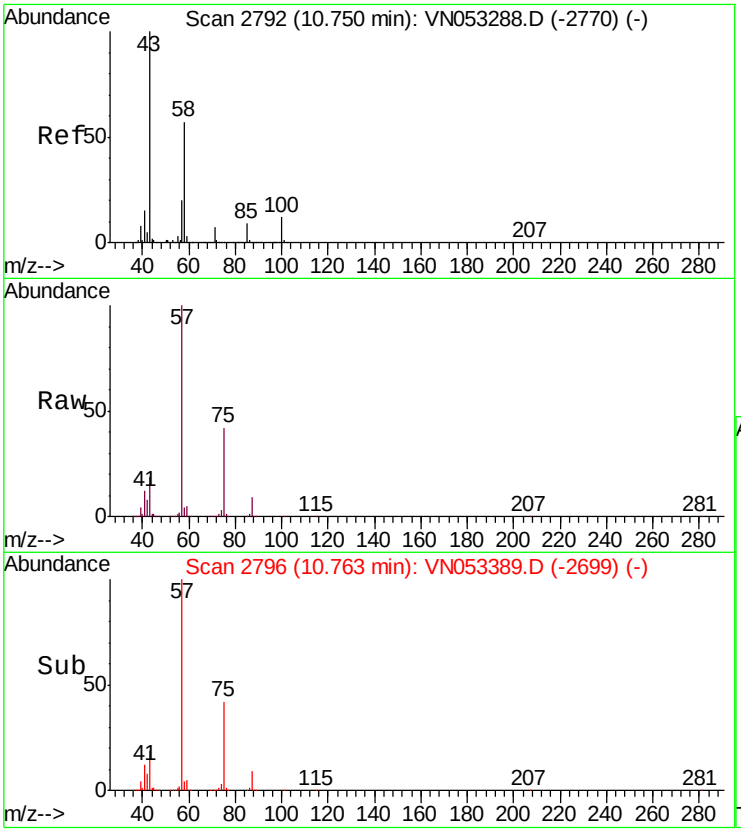


#57
1,3-Dichloropropane
Concen: 1.395 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 76 Resp: 23608

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



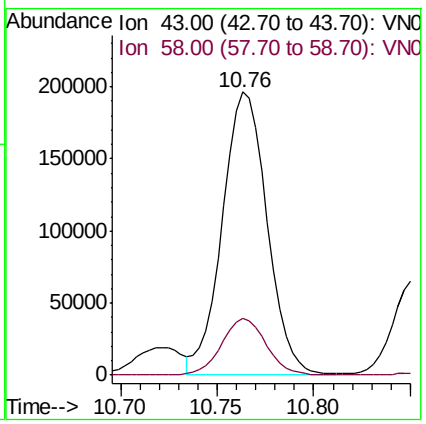


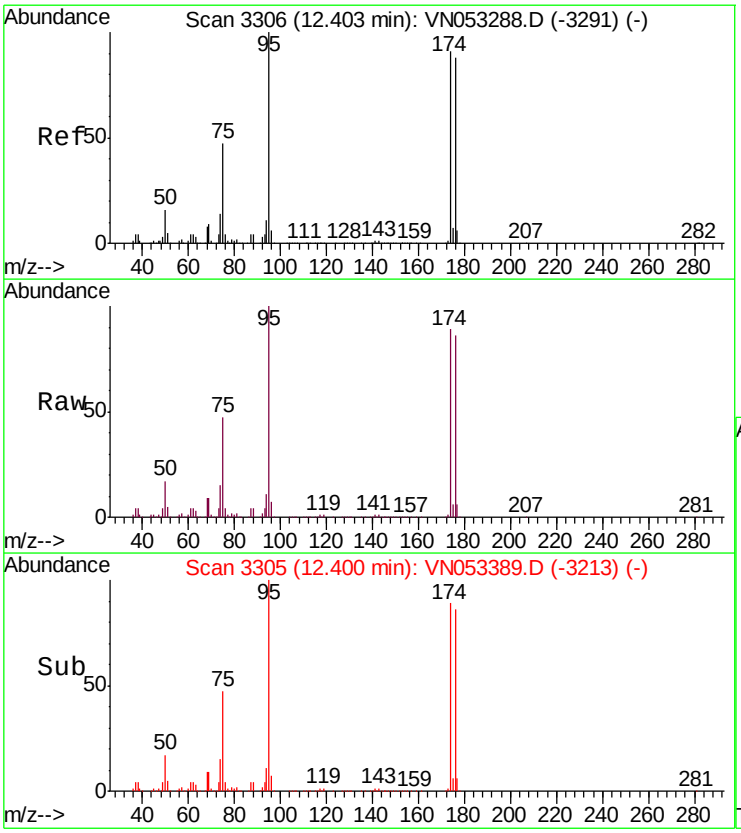
#59
2-Hexanone
Concen: 48.509 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion: 43 Resp: 314557

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.3	85.0#

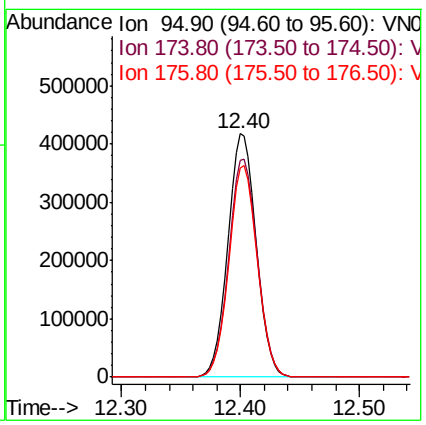


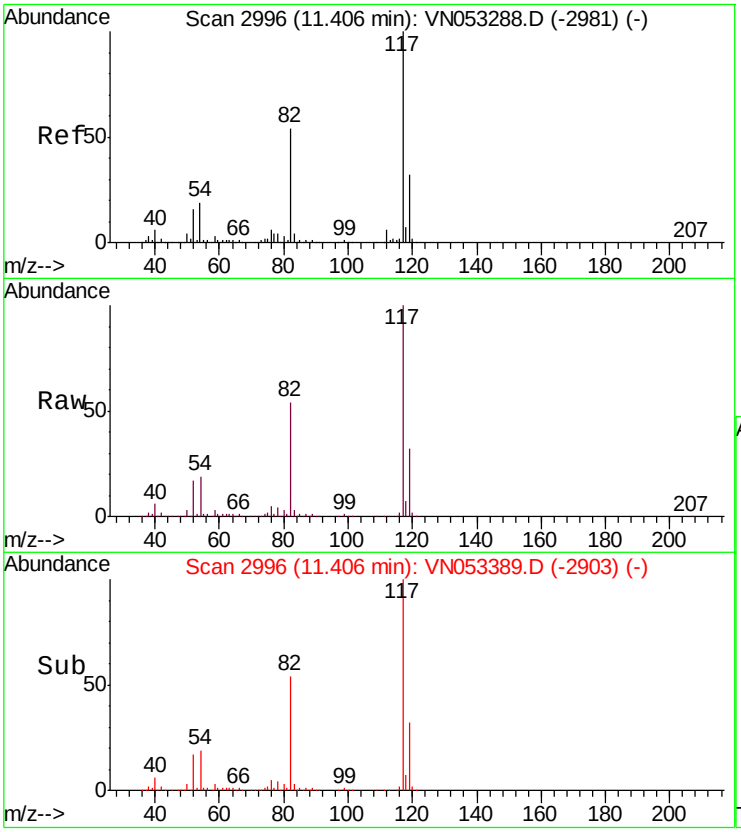


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 95 Resp: 686903

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	180.4
176	87.3	0.0	175.6



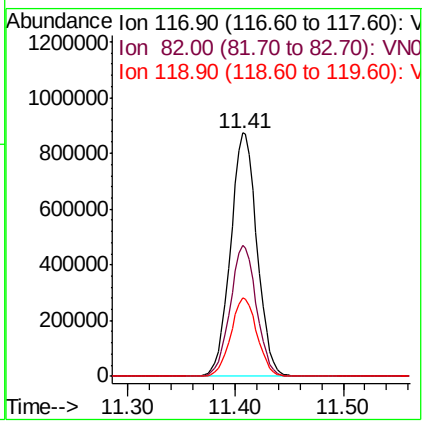


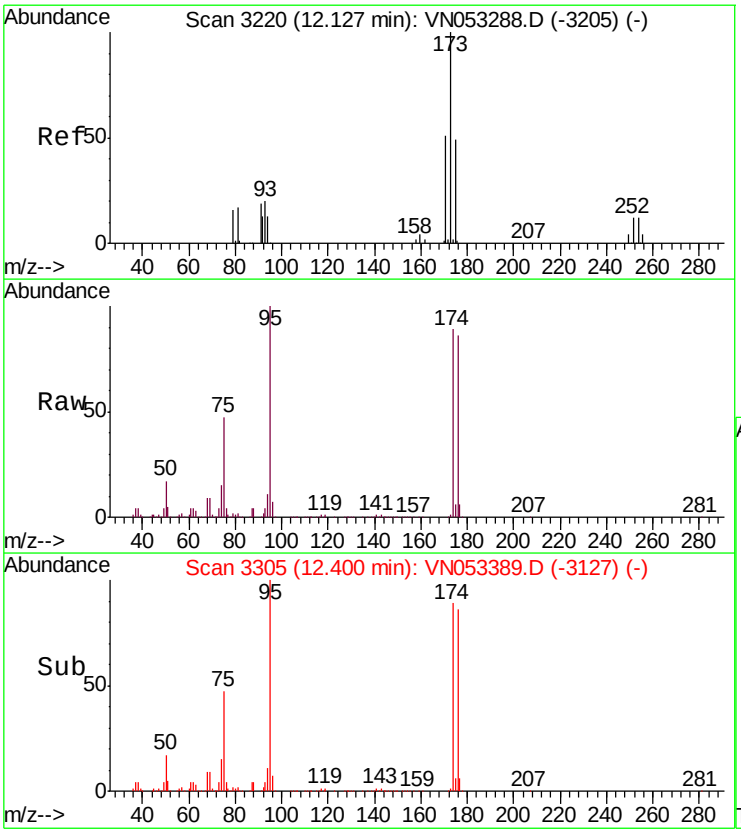
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion:117 Resp: 1489136

Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.9	64.3
119	32.0	25.6	38.4

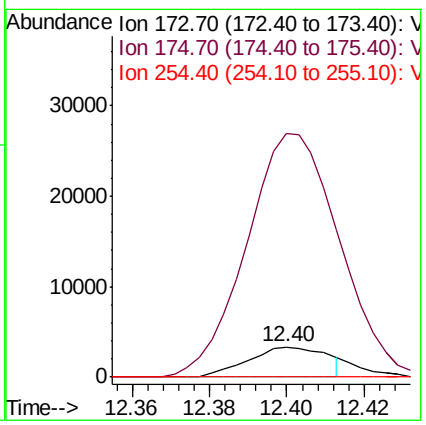


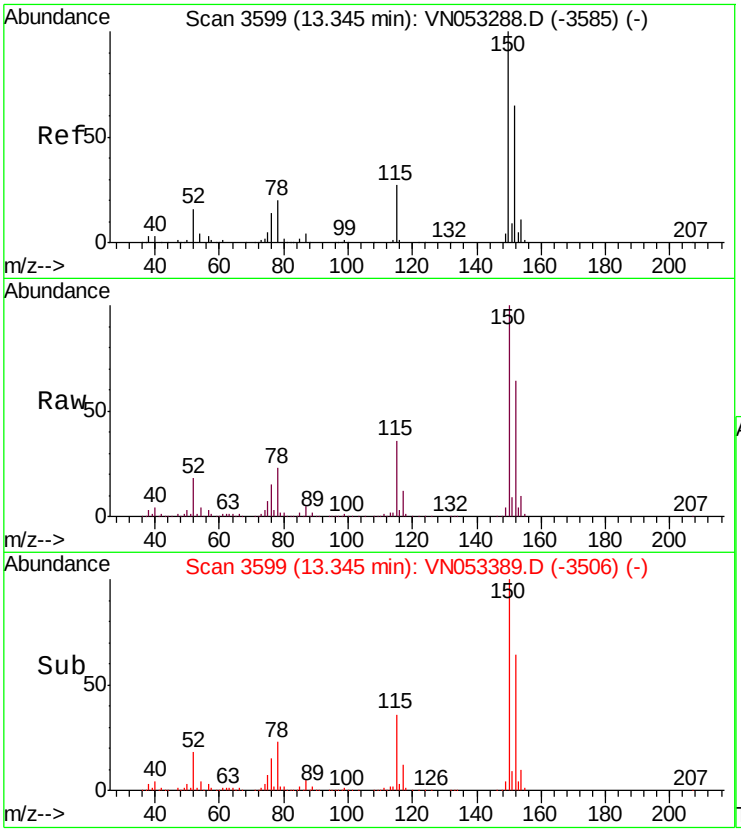


#71
Bromoform
Concen: 0.593 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion:173 Resp: 4741

Ion	Ratio	Lower	Upper
173	100		
175	825.8	24.3	72.8#
254	0.0	0.2	0.2#



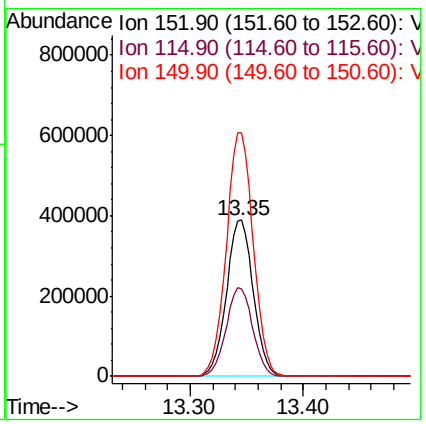


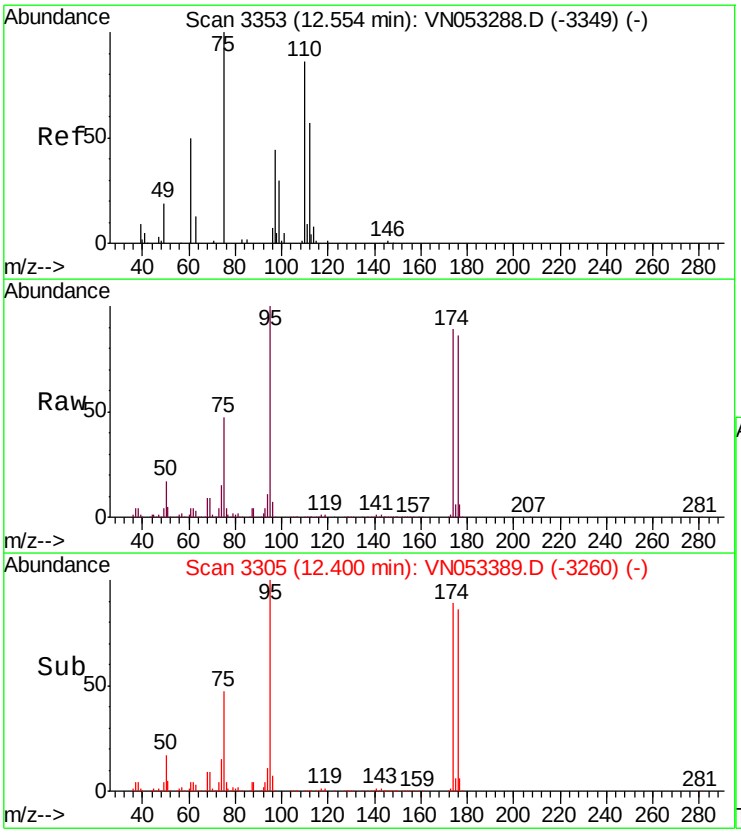
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion:152 Resp: 640069

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.0	84.0
150	156.6	0.0	346.6

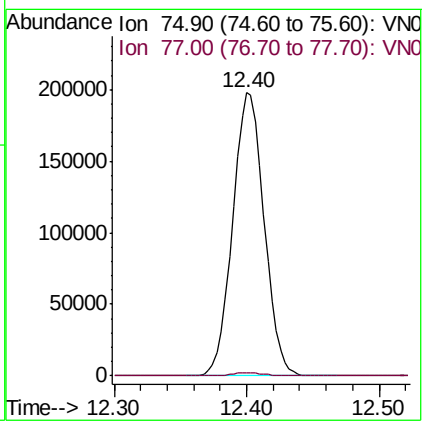


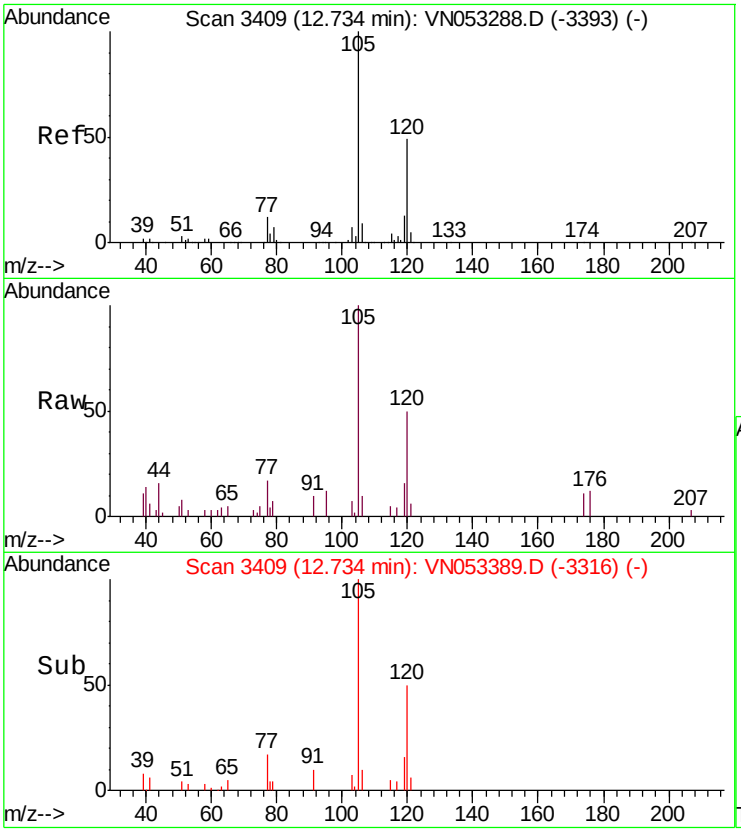


#76
1,2,3-Trichloropropane
Concen: 34.782 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 75 Resp: 324713

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



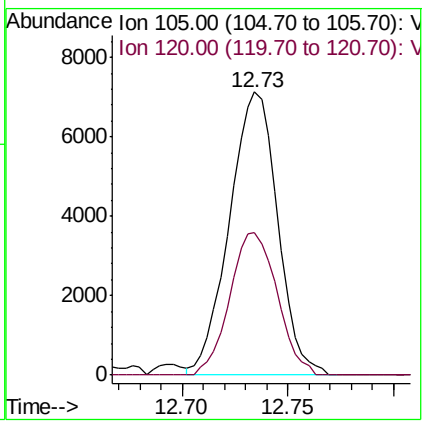


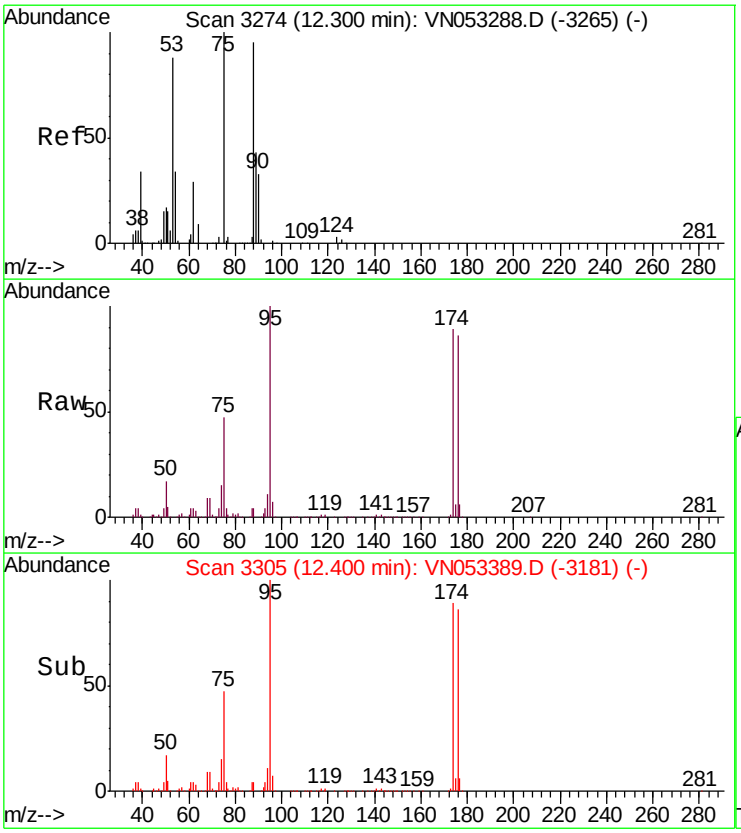
#80
1,3,5-Trimethylbenzene
Concen: 0.295 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#02

Tgt Ion:105 Resp: 11340

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.7	74.1

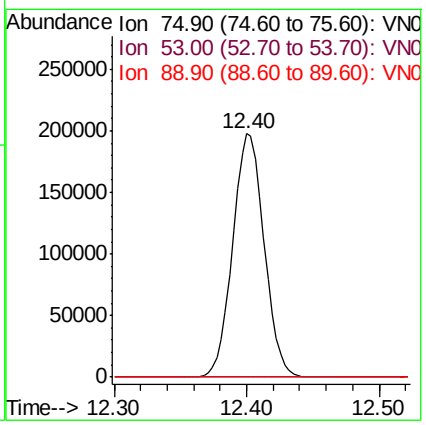


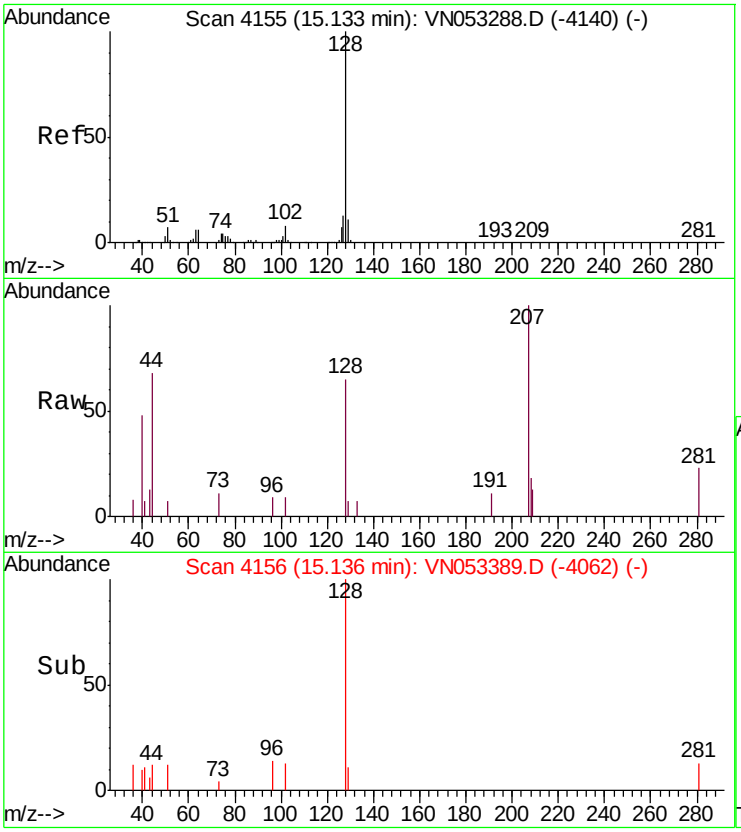


#81
trans-1,4-Dichloro-2-butene
Concen: 102.334 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion: 75 Resp: 324713

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



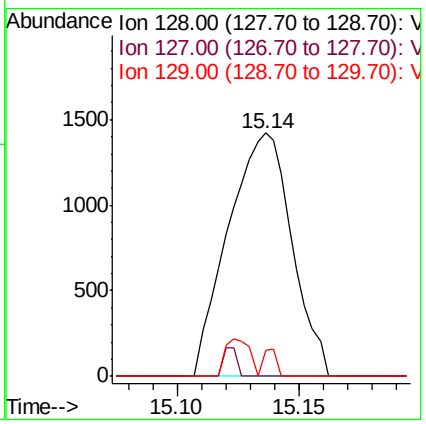


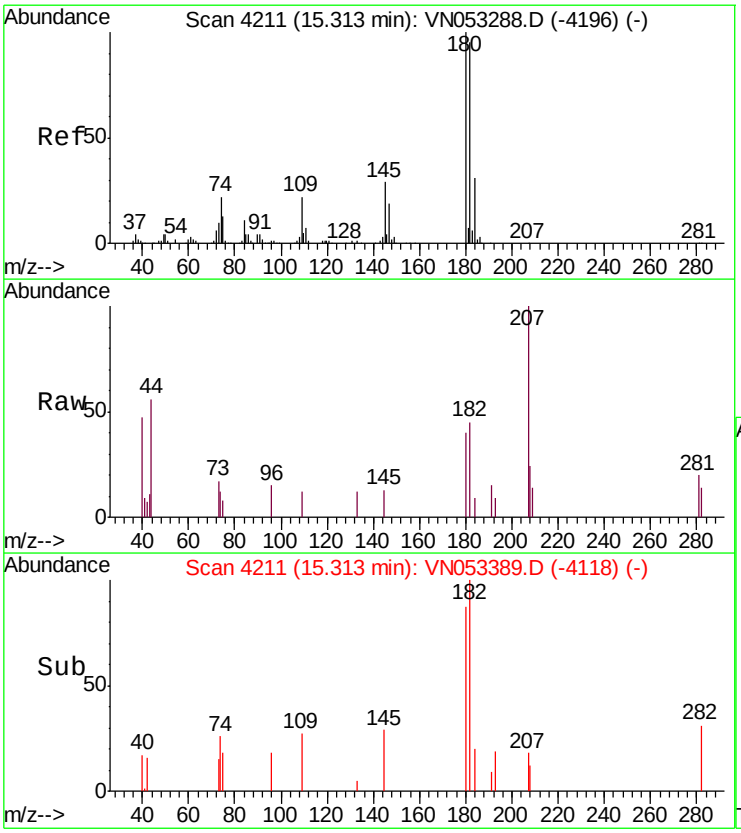
#95
Naphthalene
Concen: 0.228 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Instrument : MSVOA_N
ClientSampleId : PB116342ZHE#02

Tgt Ion:128 Resp: 2571

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	2.3	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.318 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053389.D
Acq: 14 Jan 2019 14:11

Tgt Ion:180 Resp: 1375

Ion	Ratio	Lower	Upper
180	100		
182	111.9	48.4	145.0
145	23.1	14.9	44.5