

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051226.D
 Acq On : 15 Sep 2018 16:44
 Operator : MD\SY
 Sample : PB112879ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

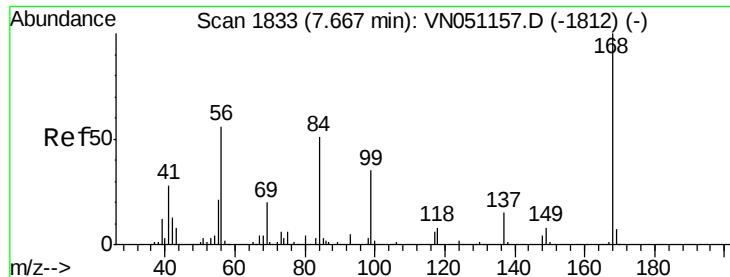
Quant Time: Sep 17 02:16:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	421963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	665675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	228215	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	246244	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.09	98	835511	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	
62) 4-Bromofluorobenzene	12.40	95	212532	33.85	ug/l	0.00
Spiked Amount			Recovery	=	67.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1790	Below Cal		90
5) Bromomethane	2.57	94	2046	Below Cal		85
10) Methyl Iodide	3.95	142	449	5.72	ug/l #	44
11) Tert butyl alcohol	4.79	59	129	0.36	ug/l #	73
16) Acetone	3.83	43	8750	1.74	ug/l	100
18) Methyl Acetate	4.33	43	12575	3.34	ug/l	92
20) Methylene Chloride	4.55	84	6132	1.18	ug/l	90
25) 2-Butanone	6.84	43	3278	1.78	ug/l #	85
29) Tetrahydrofuran	7.22	42	307	0.27	ug/l #	31
31) Cyclohexane	7.67	56	7084	0.69	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	26314	3.60	ug/l #	49
37) Ethyl Acetate	6.84	43	3278	0.77	ug/l #	66
38) Carbon Tetrachloride	7.67	117	36636	5.09	ug/l #	16
43) Isopropyl Acetate	8.17	43	230628	30.88	ug/l #	81
48) Methyl methacrylate	9.18	41	5308	1.46	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	1094	0.26	ug/l	95
54) cis-1,3-Dichloropropene	9.91	75	1912	0.23	ug/l #	62
56) Ethyl methacrylate	10.28	69	221	2.49	ug/l #	1
59) 2-Hexanone	10.77	43	13165	4.70	ug/l	61
75) 1,1,2,2-Tetrachloroethane	12.40	83	29	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	98581	41.10	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	98581	121.80	ug/l #	15
95) Naphthalene	15.13	128	117	5.36	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

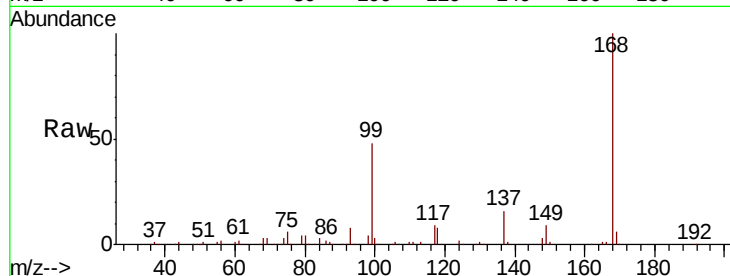
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 421963

Ion Ratio Lower Upper

168 100

99 47.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

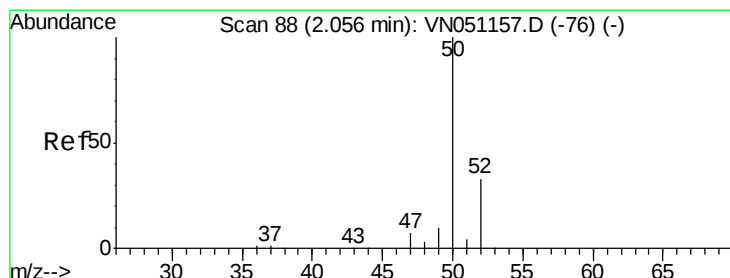
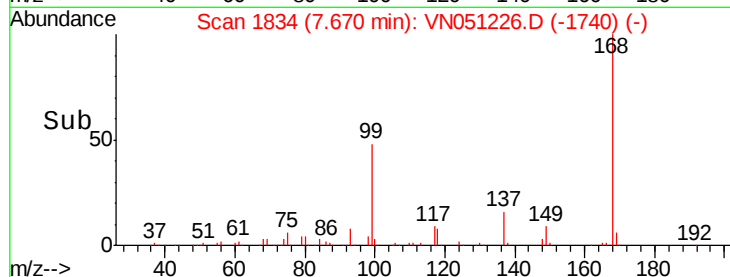
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051226.D

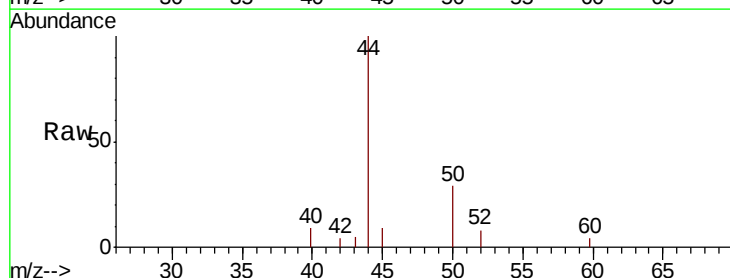
Acq: 15 Sep 2018 16:44

Tgt Ion: 50 Resp: 1790

Ion Ratio Lower Upper

50 100

52 27.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

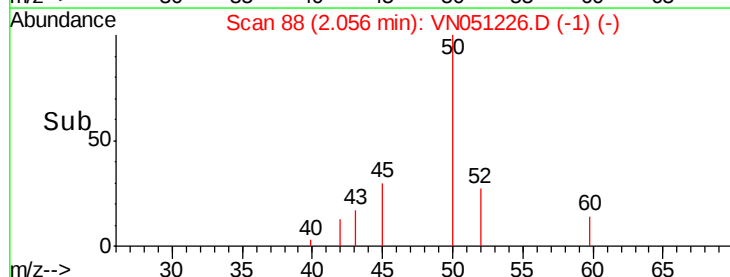
1500

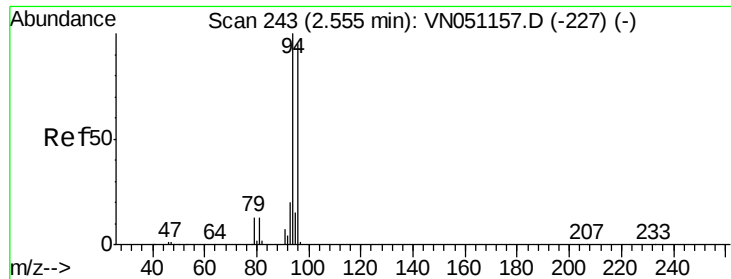
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

Instrument :

MSVOA_N

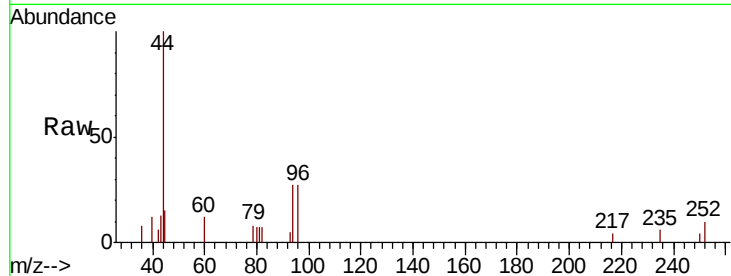
ClientSampled :

Tot Ion: 94 Resp: 2046

Ion Ratio Lower Upper

94 100

96 80.1 75.9 113.9

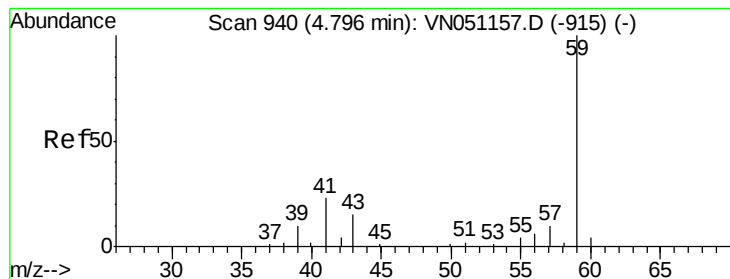


Abundance Ion 93.90 (93.60 to 94.60): VN051157.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VN051157.D (-227) (-)

Time-->

2.55 2.57 2.59 2.61 2.63 2.65 2.67 2.69 2.71 2.73 2.75 2.77 2.79 2.81 2.83 2.85 2.87 2.89 2.91 2.93 2.95 2.97 2.99 3.01 3.03 3.05 3.07 3.09 3.11 3.13 3.15 3.17 3.19 3.21 3.23 3.25 3.27 3.29 3.31 3.33 3.35 3.37 3.39 3.41 3.43 3.45 3.47 3.49 3.51 3.53 3.55 3.57 3.59 3.61 3.63 3.65 3.67 3.69 3.71 3.73 3.75 3.77 3.79 3.81 3.83 3.85 3.87 3.89 3.91 3.93 3.95 3.97 3.99 4.01 4.03 4.05 4.07 4.09 4.11 4.13 4.15 4.17 4.19 4.21 4.23 4.25 4.27 4.29 4.31 4.33 4.35 4.37 4.39 4.41 4.43 4.45 4.47 4.49 4.51 4.53 4.55 4.57 4.59 4.61 4.63 4.65 4.67 4.69 4.71 4.73 4.75 4.77 4.79 4.81 4.83 4.85 4.87 4.89 4.91 4.93 4.95 4.97 4.99 5.01 5.03 5.05 5.07 5.09 5.11 5.13 5.15 5.17 5.19 5.21 5.23 5.25 5.27 5.29 5.31 5.33 5.35 5.37 5.39 5.41 5.43 5.45 5.47 5.49 5.51 5.53 5.55 5.57 5.59 5.61 5.63 5.65 5.67 5.69 5.71 5.73 5.75 5.77 5.79 5.81 5.83 5.85 5.87 5.89 5.91 5.93 5.95 5.97 5.99 6.01 6.03 6.05 6.07 6.09 6.11 6.13 6.15 6.17 6.19 6.21 6.23 6.25 6.27 6.29 6.31 6.33 6.35 6.37 6.39 6.41 6.43 6.45 6.47 6.49 6.51 6.53 6.55 6.57 6.59 6.61 6.63 6.65 6.67 6.69 6.71 6.73 6.75 6.77 6.79 6.81 6.83 6.85 6.87 6.89 6.91 6.93 6.95 6.97 6.99 7.01 7.03 7.05 7.07 7.09 7.11 7.13 7.15 7.17 7.19 7.21 7.23 7.25 7.27 7.29 7.31 7.33 7.35 7.37 7.39 7.41 7.43 7.45 7.47 7.49 7.51 7.53 7.55 7.57 7.59 7.61 7.63 7.65 7.67 7.69 7.71 7.73 7.75 7.77 7.79 7.81 7.83 7.85 7.87 7.89 7.91 7.93 7.95 7.97 7.99 8.01 8.03 8.05 8.07 8.09 8.11 8.13 8.15 8.17 8.19 8.21 8.23 8.25 8.27 8.29 8.31 8.33 8.35 8.37 8.39 8.41 8.43 8.45 8.47 8.49 8.51 8.53 8.55 8.57 8.59 8.61 8.63 8.65 8.67 8.69 8.71 8.73 8.75 8.77 8.79 8.81 8.83 8.85 8.87 8.89 8.91 8.93 8.95 8.97 8.99 9.01 9.03 9.05 9.07 9.09 9.11 9.13 9.15 9.17 9.19 9.21 9.23 9.25 9.27 9.29 9.31 9.33 9.35 9.37 9.39 9.41 9.43 9.45 9.47 9.49 9.51 9.53 9.55 9.57 9.59 9.61 9.63 9.65 9.67 9.69 9.71 9.73 9.75 9.77 9.79 9.81 9.83 9.85 9.87 9.89 9.91 9.93 9.95 9.97 9.99 10.01 10.03 10.05 10.07 10.09 10.11 10.13 10.15 10.17 10.19 10.21 10.23 10.25 10.27 10.29 10.31 10.33 10.35 10.37 10.39 10.41 10.43 10.45 10.47 10.49 10.51 10.53 10.55 10.57 10.59 10.61 10.63 10.65 10.67 10.69 10.71 10.73 10.75 10.77 10.79 10.81 10.83 10.85 10.87 10.89 10.91 10.93 10.95 10.97 10.99 11.01 11.03 11.05 11.07 11.09 11.11 11.13 11.15 11.17 11.19 11.21 11.23 11.25 11.27 11.29 11.31 11.33 11.35 11.37 11.39 11.41 11.43 11.45 11.47 11.49 11.51 11.53 11.55 11.57 11.59 11.61 11.63 11.65 11.67 11.69 11.71 11.73 11.75 11.77 11.79 11.81 11.83 11.85 11.87 11.89 11.91 11.93 11.95 11.97 11.99 12.01 12.03 12.05 12.07 12.09 12.11 12.13 12.15 12.17 12.19 12.21 12.23 12.25 12.27 12.29 12.31 12.33 12.35 12.37 12.39 12.41 12.43 12.45 12.47 12.49 12.51 12.53 12.55 12.57 12.59 12.61 12.63 12.65 12.67 12.69 12.71 12.73 12.75 12.77 12.79 12.81 12.83 12.85 12.87 12.89 12.91 12.93 12.95 12.97 12.99 13.01 13.03 13.05 13.07 13.09 13.11 13.13 13.15 13.17 13.19 13.21 13.23 13.25 13.27 13.29 13.31 13.33 13.35 13.37 13.39 13.41 13.43 13.45 13.47 13.49 13.51 13.53 13.55 13.57 13.59 13.61 13.63 13.65 13.67 13.69 13.71 13.73 13.75 13.77 13.79 13.81 13.83 13.85 13.87 13.89 13.91 13.93 13.95 13.97 13.99 14.01 14.03 14.05 14.07 14.09 14.11 14.13 14.15 14.17 14.19 14.21 14.23 14.25 14.27 14.29 14.31 14.33 14.35 14.37 14.39 14.41 14.43 14.45 14.47 14.49 14.51 14.53 14.55 14.57 14.59 14.61 14.63 14.65 14.67 14.69 14.71 14.73 14.75 14.77 14.79 14.81 14.83 14.85 14.87 14.89 14.91 14.93 14.95 14.97 14.99 15.01 15.03 15.05 15.07 15.09 15.11 15.13 15.15 15.17 15.19 15.21 15.23 15.25 15.27 15.29 15.31 15.33 15.35 15.37 15.39 15.41 15.43 15.45 15.47 15.49 15.51 15.53 15.55 15.57 15.59 15.61 15.63 15.65 15.67 15.69 15.71 15.73 15.75 15.77 15.79 15.81 15.83 15.85 15.87 15.89 15.91 15.93 15.95 15.97 15.99 16.01 16.03 16.05 16.07 16.09 16.11 16.13 16.15 16.17 16.19 16.21 16.23 16.25 16.27 16.29 16.31 16.33 16.35 16.37 16.39 16.41 16.43 16.45 16.47 16.49 16.51 16.53 16.55 16.57 16.59 16.61 16.63 16.65 16.67 16.69 16.71 16.73 16.75 16.77 16.79 16.81 16.83 16.85 16.87 16.89 16.91 16.93 16.95 16.97 16.99 17.01 17.03 17.05 17.07 17.09 17.11 17.13 17.15 17.17 17.19 17.21 17.23 17.25 17.27 17.29 17.31 17.33 17.35 17.37 17.39 17.41 17.43 17.45 17.47 17.49 17.51 17.53 17.55 17.57 17.59 17.61 17.63 17.65 17.67 17.69 17.71 17.73 17.75 17.77 17.79 17.81 17.83 17.85 17.87 17.89 17.91 17.93 17.95 17.97 17.99 18.01 18.03 18.05 18.07 18.09 18.11 18.13 18.15 18.17 18.19 18.21 18.23 18.25 18.27 18.29 18.31 18.33 18.35 18.37 18.39 18.41 18.43 18.45 18.47 18.49 18.51 18.53 18.55 18.57 18.59 18.61 18.63 18.65 18.67 18.69 18.71 18.73 18.75 18.77 18.79 18.81 18.83 18.85 18.87 18.89 18.91 18.93 18.95 18.97 18.99 19.01 19.03 19.05 19.07 19.09 19.11 19.13 19.15 19.17 19.19 19.21 19.23 19.25 19.27 19.29 19.31 19.33 19.35 19.37 19.39 19.41 19.43 19.45 19.47 19.49 19.51 19.53 19.55 19.57 19.59 19.61 19.63 19.65 19.67 19.69 19.71 19.73 19.75 19.77 19.79 19.81 19.83 19.85 19.87 19.89 19.91 19.93 19.95 19.97 19.99 20.01 20.03 20.05 20.07 20.09 20.11 20.13 20.15 20.17 20.19 20.21 20.23 20.25 20.27 20.29 20.31 20.33 20.35 20.37 20.39 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30.37 30.39 30.41 30.43 30.45 30.47 30.49 30.51 30.53 30.55 30.57 30.59 30.61 30.63 30.65 30.67 30.69 30.71 30.73 30.75 30.77 30.79 30.81 30.83 30.85 30.87 30.89 30.91 30.93 30.95 30.97 30.99 31.01 31.03 31.05 31.07 31.09 31.11 31.13 31.15 31.17 31.19 31.21 31.23 31.25 31.27 31.29 31.31 31.33 31.35 31.37 31.39 31.41 31.43 31.45 31.47 31.49 31.51 31.53 31.55 31.57 31.59 31.61 31.63 31.65 31.67 31.69 31.71 31.73 31.75 31.77 31.79 31.81 31.83 31.85 31.87 31.89 31.91 31.93 31.95 31.97 31.99 32.01 32.03 32.05 32.07 32.09 32.11 32.13 32.15 32.17 32.19 32.21 32.23 32.25 32.27 32.29 32.31 32.33 32.35 32.37 32.39 32.41 32.43 32.45 32.47 32.49 32.51 32.53 32.55 32.57 32.59 32.61 32.63 32.65 32.67 32.69 32.71 32.73 32.75 32.77 32.79 32.81 32.83 32.85 32.87 32.89 32.91 32.93 32.95 32.97 32.99 33.01 33.03 33.05 33.07 33.09 33.11 33.13 33.15 33.17 33.19 33.21 33.23 33.25 33.27 33.29 33.31 33.33 33.35 33.37 33.39 33.41 33.43 33.45 33.47 33.49 33.51 33.53 33.55 33.57 33.59 33.61 33.63 33.65 33.67 33.69 33.71 33.73 33.75 33.77 33.79 33.81 33.83 33.85 33.87 33.89 33.91 33.93 33.95 33.97 33.99 34.01 34.03 34.05 34.07 34.09 34.11 34.13 34.15 34.17 34.19 34.21 34.23 34.25 34.27 34.29 34.31 34.33 34.35 34.37 34.39 34.41 34.43 34.45 34.47 34.49 34.51 34.53 34.55 34.57 34.59 34.61 34.63 34.65 34.67 34.69 34.71 34.73 34.75 34.77 34.79 34.81 34.83 34.85 34.87 34.89 34.91 34.93 34.95 34.97 34.99 35.01 35.03 35.05 35.07 35.09 35.11 35.13 35.15 35.17 35.19 35.21 35.23 35.25 35.27 35.29 35.31 35.33 35.35 35.37 35.39 35.41 35.43 35.45 35.47 35.49 35.51 35.53 35.55 35.57 35.59 35.61 35.63 35.65 35.67 35.69 35.71 35.73 35.75 35.77 35.79 35.81 35.83 35.85 35.87 35.89 35.91 35.93 35.95 35.97 35.99 36.01 36.03 36.05 36.07 36.09 36.11 36.13 36.15 36.17 36.19 36.21 36.23 36.25 36.27 36.29 36.31 36.33 36.35 36.37 36.39 36.41 36.43 36.45 36.47 36.49 36.51 36.53 36.55 36.57 36.59 36.61 36.63 36.65 36.67 36.69 36.71 36.73 36.75 36.77 36.79 36.81 36.83 36.85 36.87 36.89 36.91 36.93 36.95 36.97 36.99 37.01 37.03 37.05 37.07 37.09 37.11 37.13 37.15 37.17 37.19 37.21 37.23 37.25 37.27 37.29 37.31 37.33 37.35 37.37 37.39 37.41 37.43 37.45 37.47 37.49 37.51 37.53 37.55 37.57 37.59 37.61 37.63 37.65 37.67 37.69 37.71 37.73 37.75 37.77 37.79 37.81 37.83 37.85 37.87 37.89 37.91 37.93 37.95 37.97 37.99 38.01 38.03 38.05 38.07 38.09 38.11 38.13 38.15 38.17 38.19 38.21 38.23 38.25 38.27 38.29 38.31 38.33 38.35 38.37 38.39 38.41 38.43 38.45 38.47 38.49 38.51 38.53 38.55 38.57 38.59 38.61 38.63 38.65 38.67 38.69 38.71 38.73 38.75 38.77 38.79 38.81 38.83 38.85 38.87 38.89 38.91 38.93 38.95 38.97 38.99 39.01 39.03 39.05 39.07 39.09 39.11 39.13 39.15 39.17 39.19 39.21 39.23 39.25 39.27 39.29 39.31 39.33 39.35 39.37 39.39 39.41 39.43 39.45 39.47 39.49 39.51 39.53 39.55 39.57 39.59 39.61 39.63 39.65 39.67 39.69 39.71 39.73 39.75 39.77 39.79 39.81 39.83 39.85 39.87 39.89 39.91 39.93 39.95 39.97 39.99 40.01 40.03 40.05 40.07 40.09 40.11 40.13 40.15 40.17 40.19 40.21 40.23 40.25 40.27 40.29 40.31 40.33 40.35 40.37 40.39 40.41 40.43 40.45 40.47 40.49 40.51 40.53 40.55 40.57 40.59 40.61 40.63 40.65 40.67 40.69 40.71 40.73 40.75 40.77 40.79 40.81 40.83 40.85 40.87 40.89 40.91 40.93 40.95 40.97 40.99 41.01 41.03 41.05 41.07 41.09 41.11 41.13 41.15 41.17 41.19 41.21 41.23 41.25 41.27 41.29 41.31 41.33 41.35 41.37 41.3

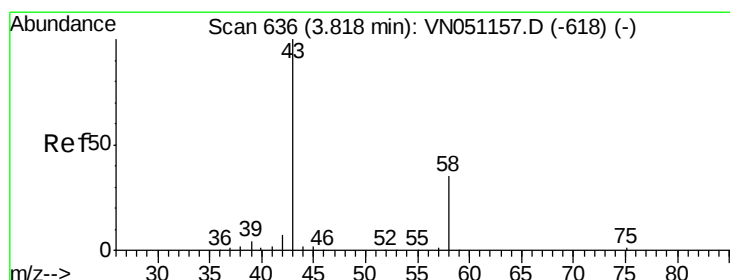
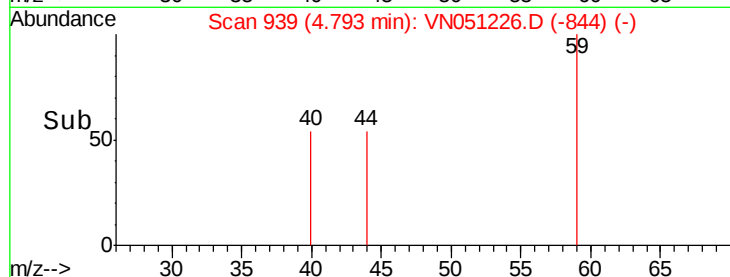
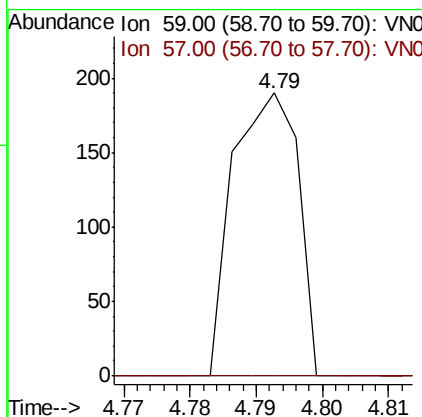
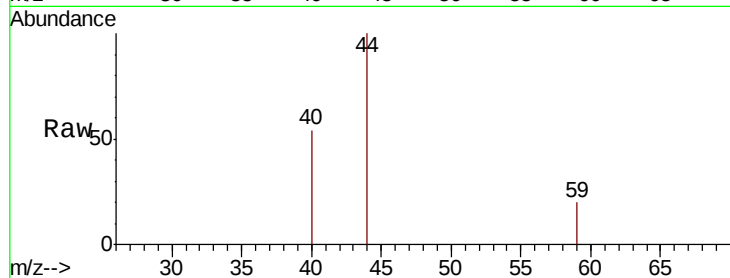


#11

Tert butyl alcohol
 Concen: 0.36 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: VN051226.D
 Acq: 15 Sep 2018 16:44

Instrument :
 MSVOA_N
 ClientSampled :

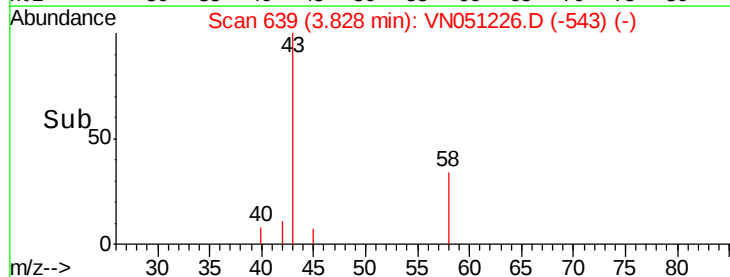
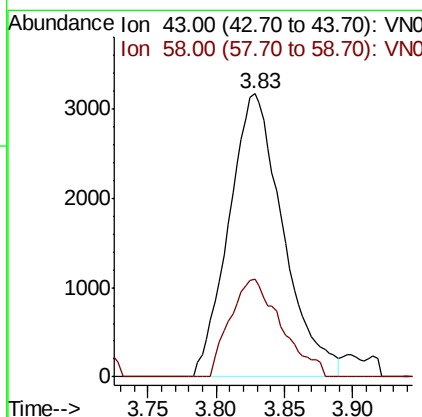
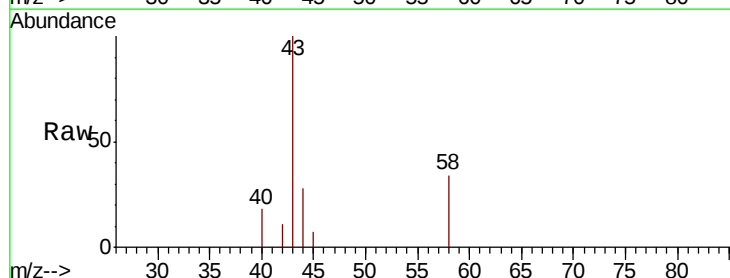
Tot Ion: 59 Resp: 129
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

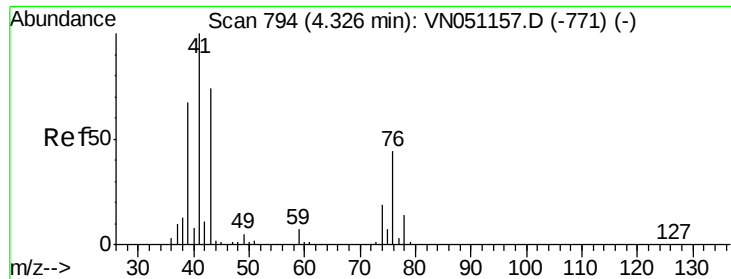


#16

Acetone
 Concen: 1.74 ug/l
 RT: 3.83 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VN051226.D
 Acq: 15 Sep 2018 16:44

Tgt Ion: 43 Resp: 8750
 Ion Ratio Lower Upper
 43 100
 58 34.4 27.8 41.6

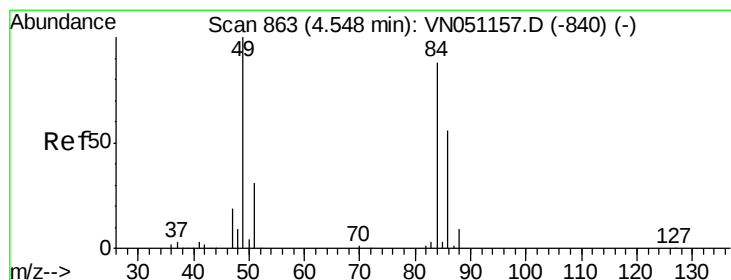
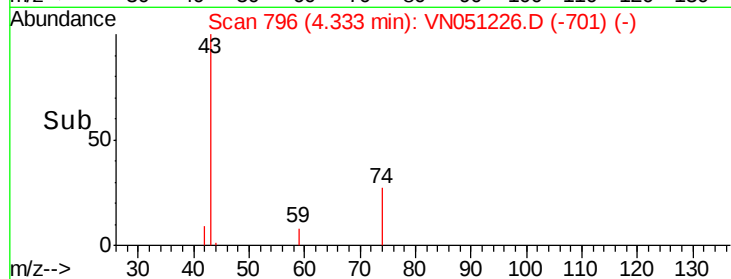
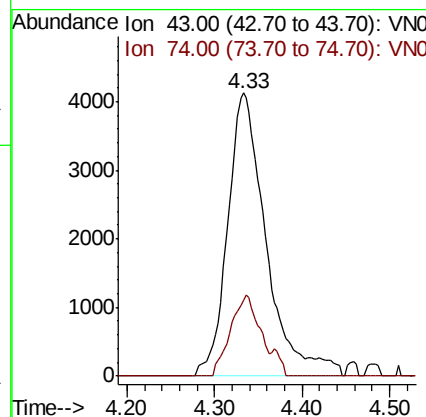
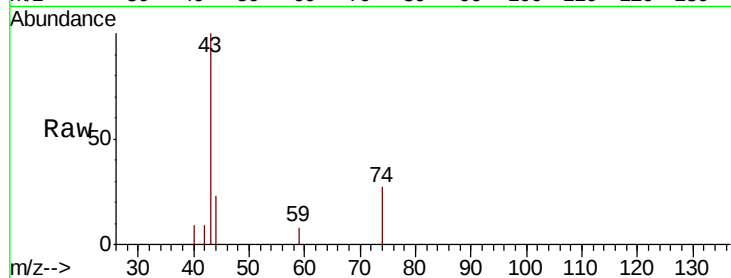




#18
Methyl Acetate
Concen: 3.34 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

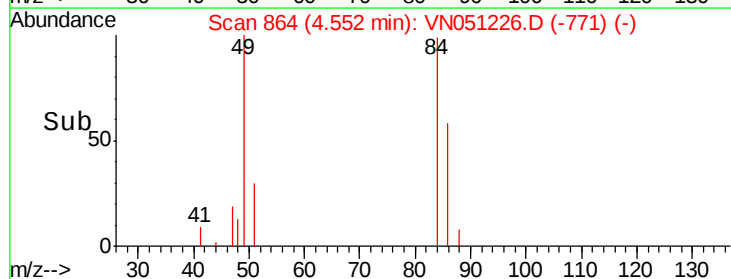
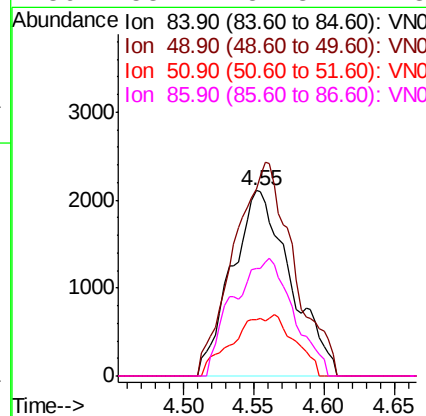
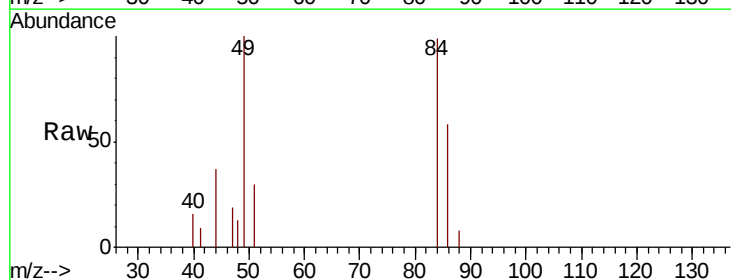
Instrument :
MSVOA_N
ClientSampled :

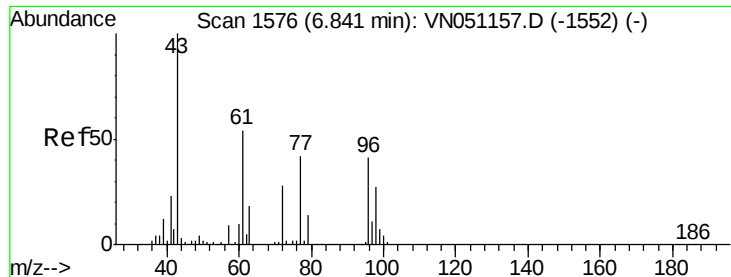
Tot Ion: 43 Resp: 12575
Ion Ratio Lower Upper
43 100
74 21.8 20.7 31.1



#20
Methylene Chloride
Concen: 1.18 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

Tgt Ion: 84 Resp: 6132
Ion Ratio Lower Upper
84 100
49 100.8 90.2 135.2
51 30.6 28.4 42.6
86 58.2 51.8 77.8





#25

2-Butanone

Concen: 1.78 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

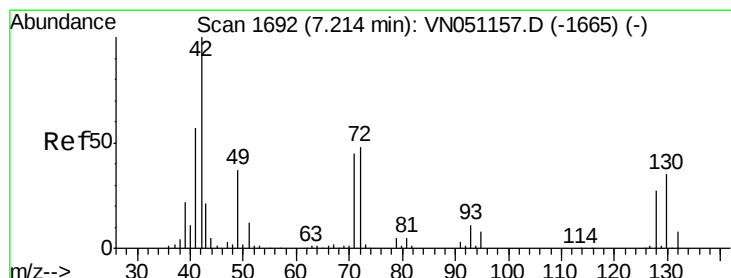
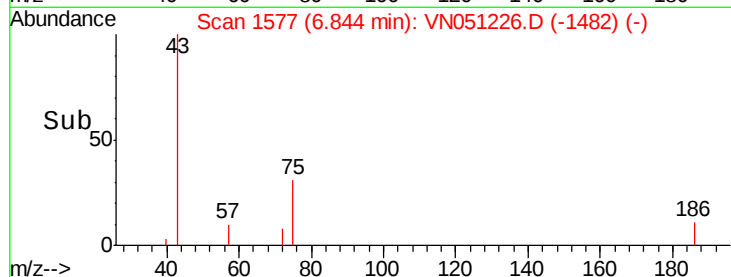
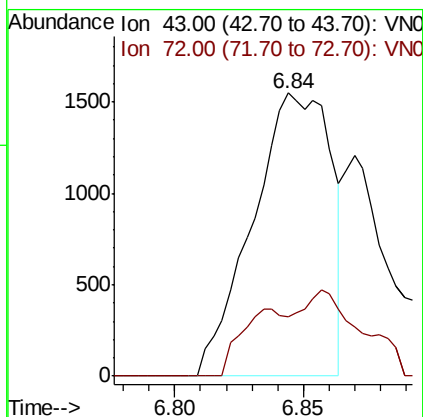
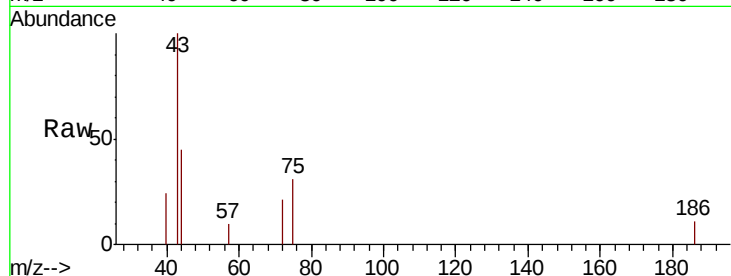
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3278

Ion Ratio Lower Upper

43 100

72 20.9 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

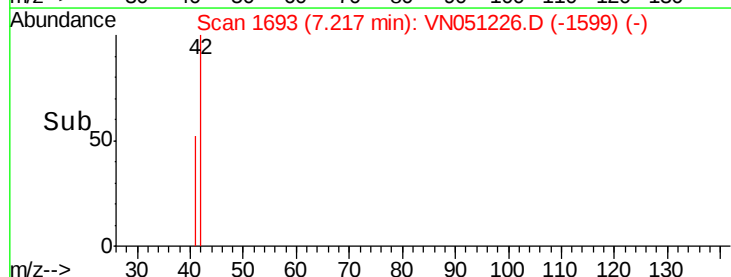
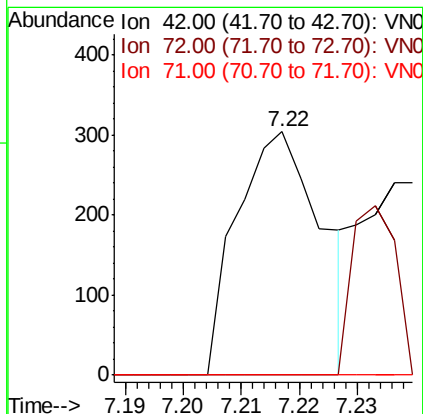
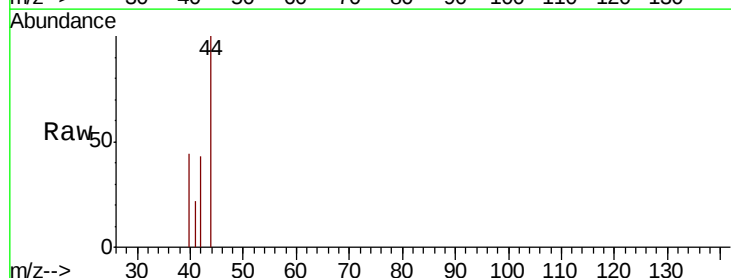
Tgt Ion: 42 Resp: 307

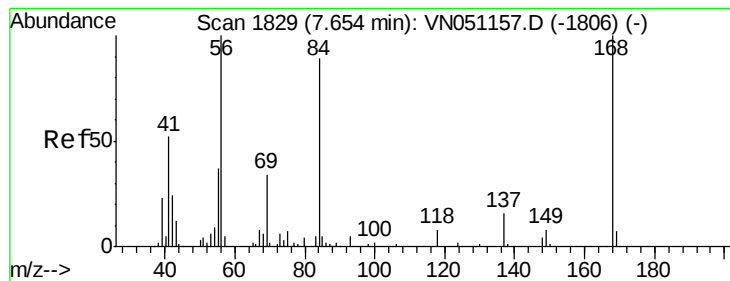
Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

71 0.0 34.7 52.1#





#31

Cyclohexane

Concen: 0.69 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

Instrument :
MSVOA_N
ClientSampleId :

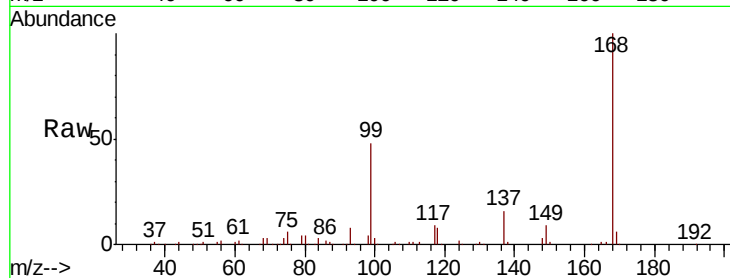
Tot Ion: 56 Resp: 7084

Ion Ratio Lower Upper

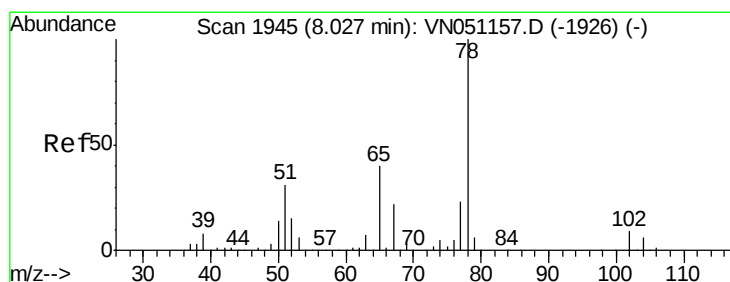
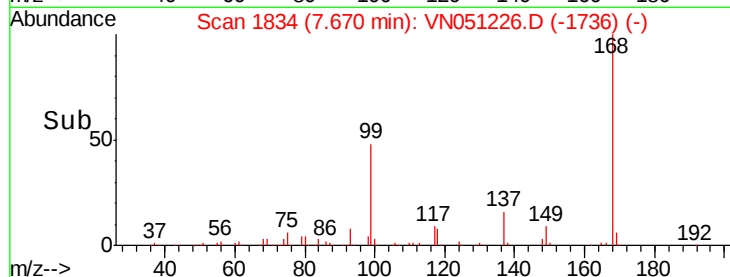
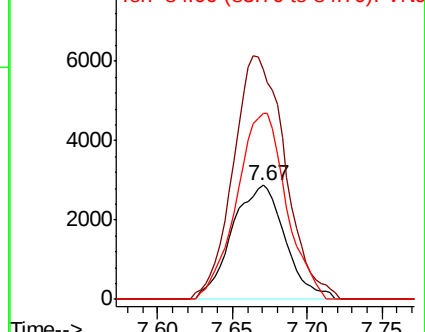
56 100

69 202.1 26.3 39.5#

84 163.5 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.60 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051226.D

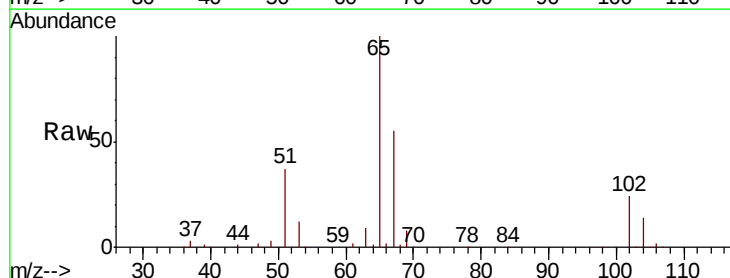
Acq: 15 Sep 2018 16:44

Tgt Ion: 65 Resp: 228215

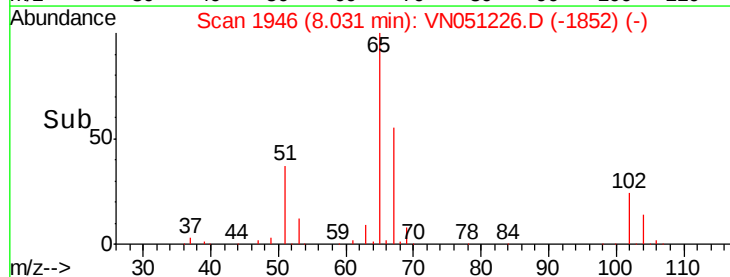
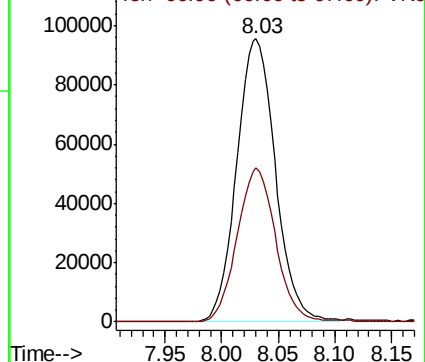
Ion Ratio Lower Upper

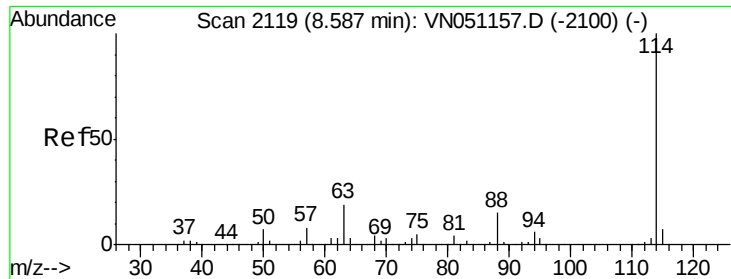
65 100

67 54.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

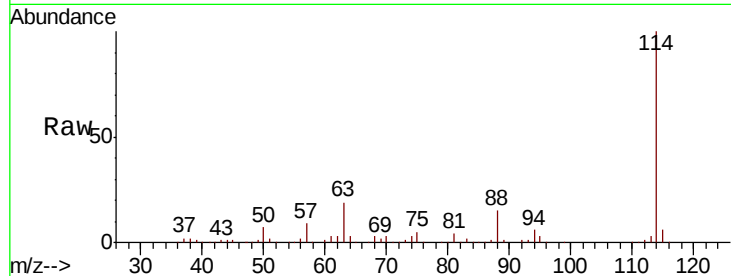




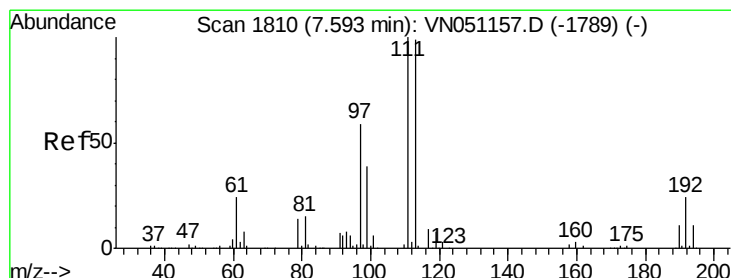
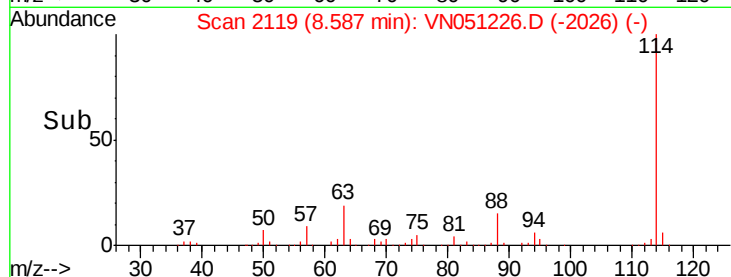
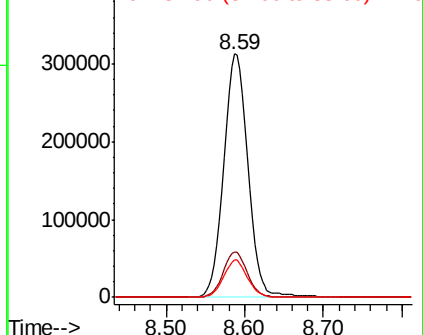
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051226.D
 Acq: 15 Sep 2018 16:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.8
88	15.3	0.0	30.8

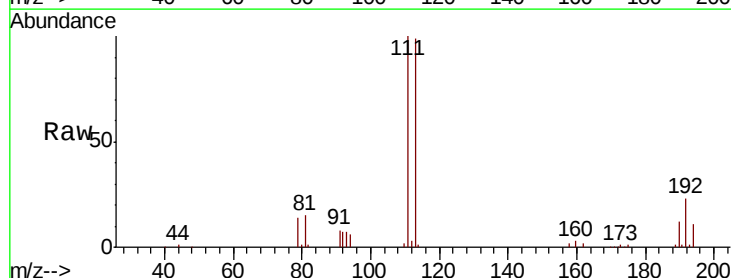


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

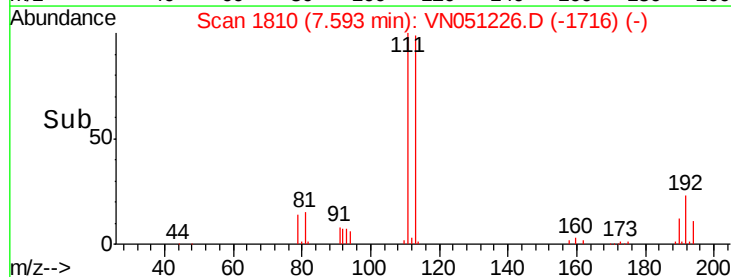
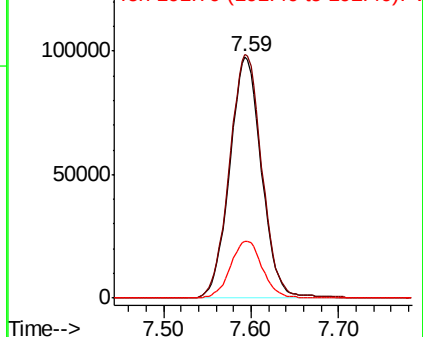


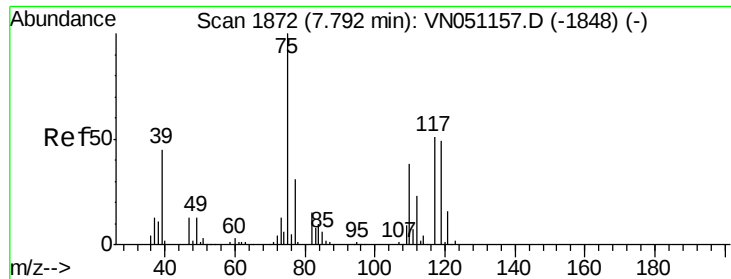
#35
 Dibromofluoromethane
 Concen: 49.23 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051226.D
 Acq: 15 Sep 2018 16:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.6
192	23.8	18.7	28.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

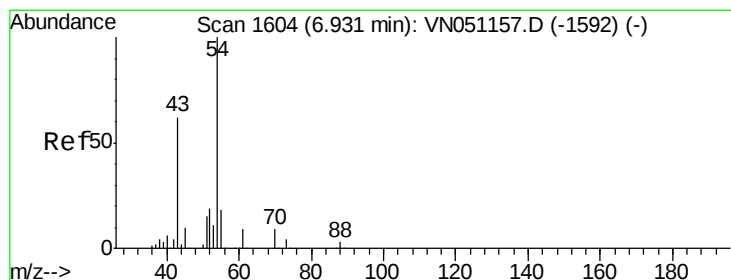
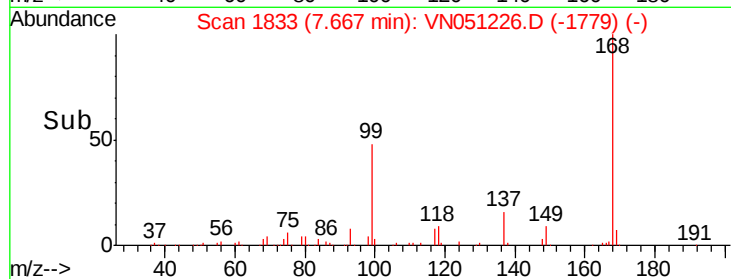
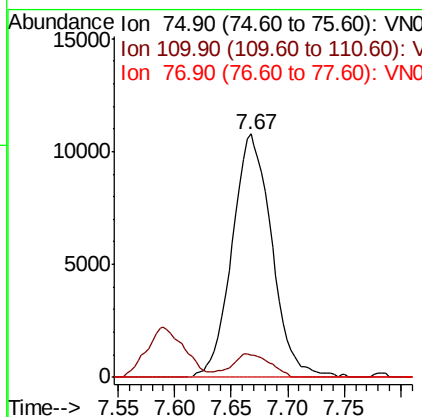
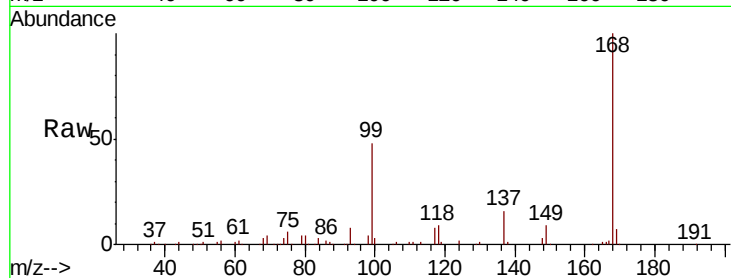




#36
 1,1-Dichloropropene
 Concen: 3.60 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051226.D
 Acq: 15 Sep 2018 16:44

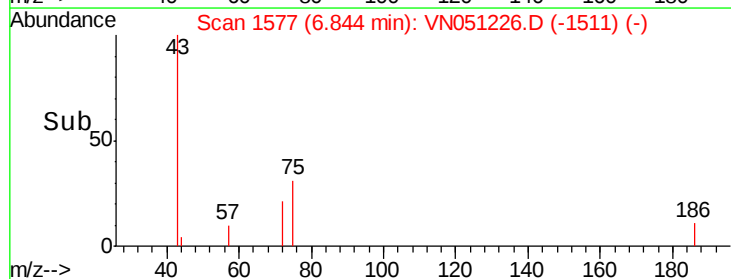
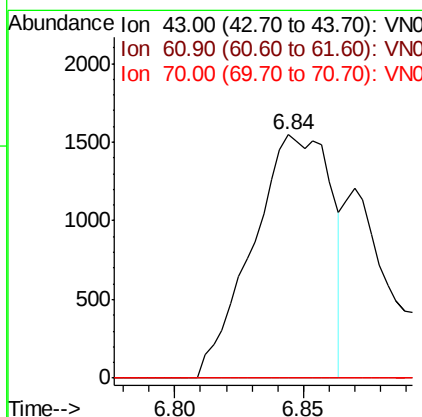
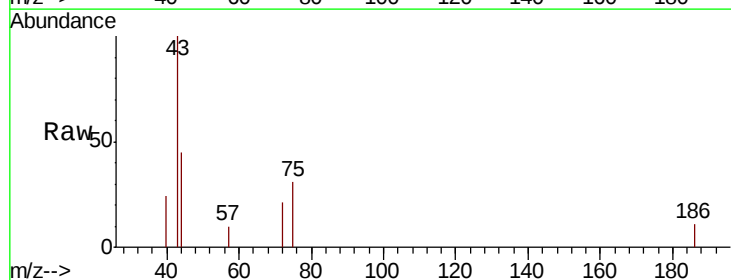
Instrument :
 MSVOA_N
 ClientSampled :

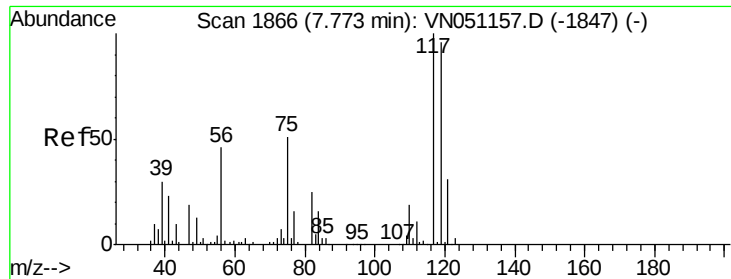
Tot Ion	75	Resp	26314
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.6	55.8#
77	0.0	25.2	37.8#



#37
 Ethyl Acetate
 Concen: 0.77 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.09 min
 Lab File: VN051226.D
 Acq: 15 Sep 2018 16:44

Tgt Ion	43	Resp	3278
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.4	18.6#
70	0.0	9.3	13.9#

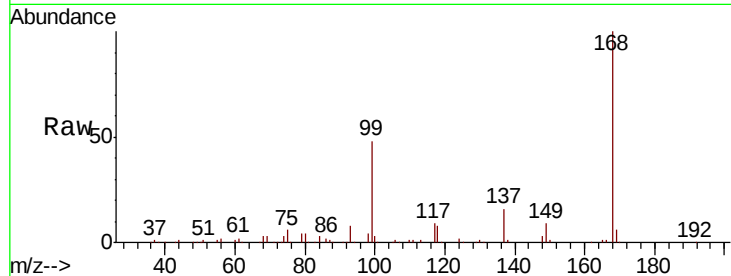




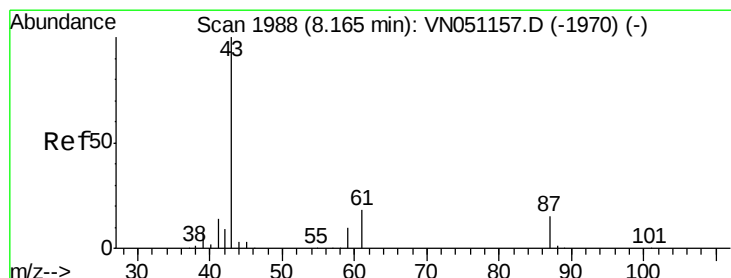
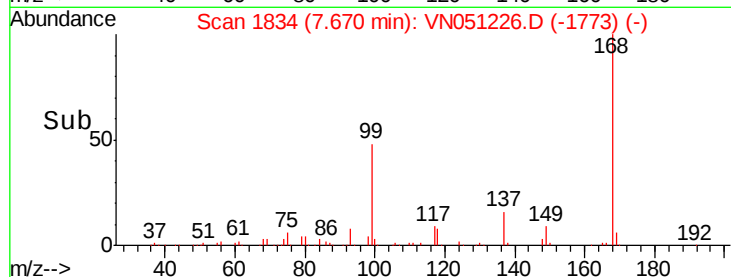
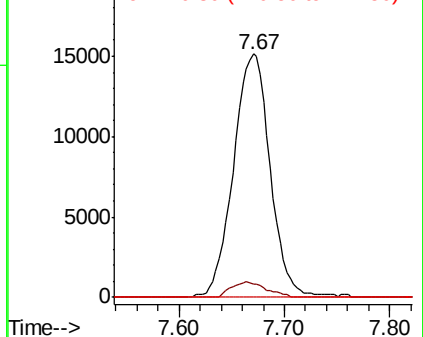
#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.10 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 36636
Ion Ratio Lower Upper
117 100
119 5.4 76.8 115.2#
121 0.0 24.6 36.8#

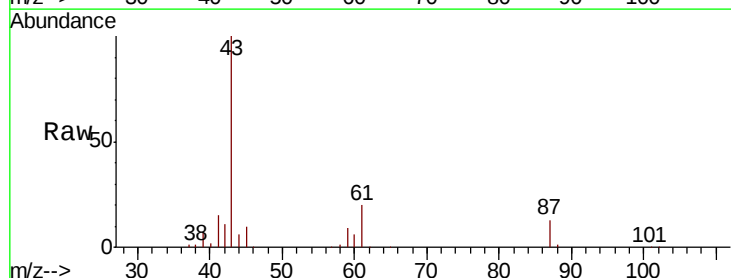


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

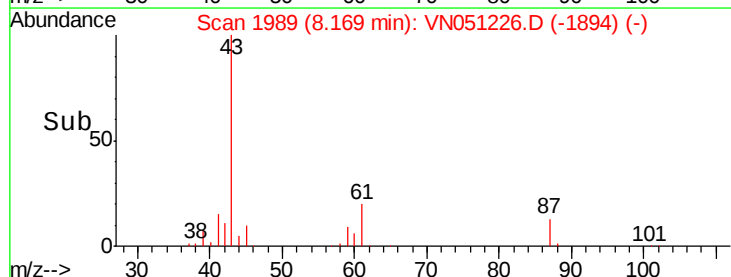
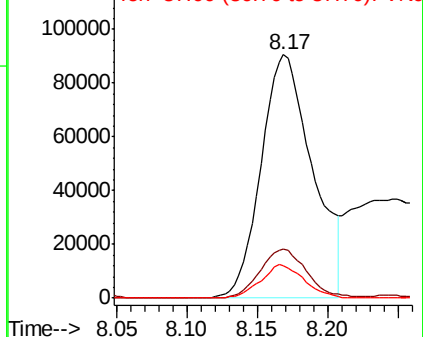


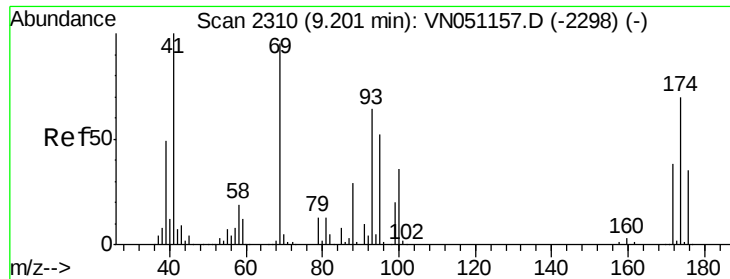
#43
Isopropyl Acetate
Concen: 30.88 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

Tgt Ion: 43 Resp: 230628
Ion Ratio Lower Upper
43 100
61 18.2 25.0 37.6#
87 11.6 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

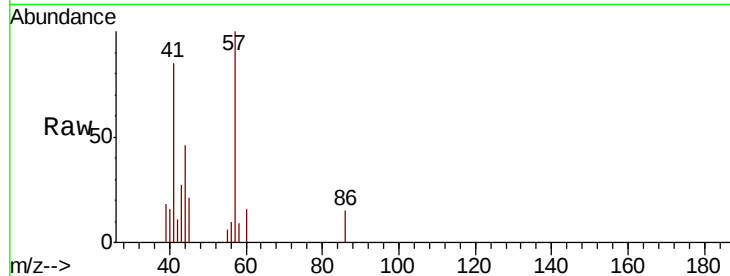




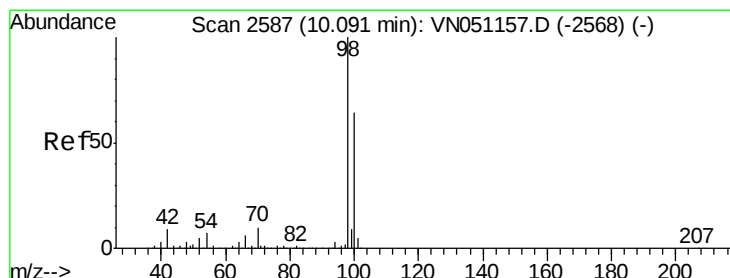
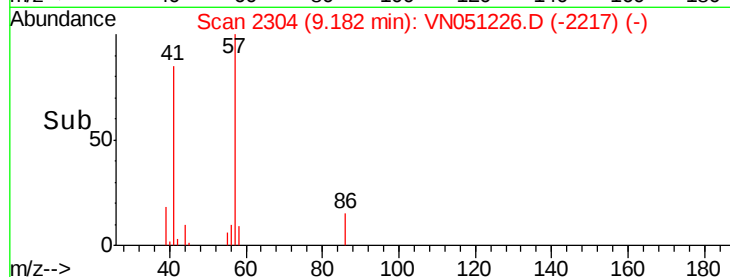
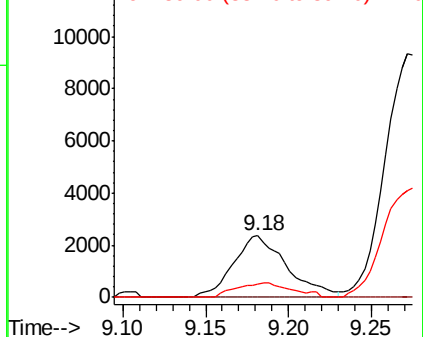
#48
Methyl methacrylate
Concen: 1.46 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 5308
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 24.1 41.6 62.4#

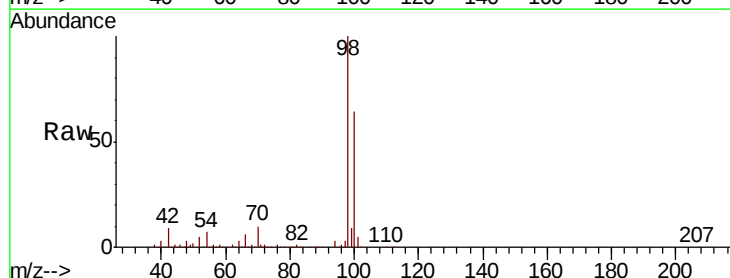


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

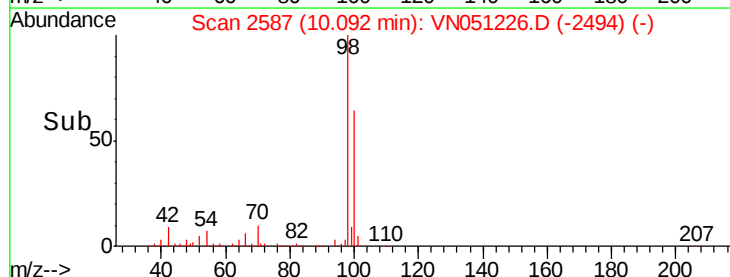
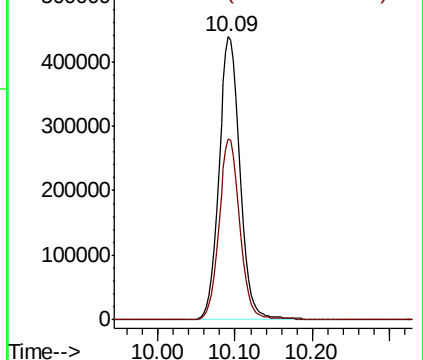


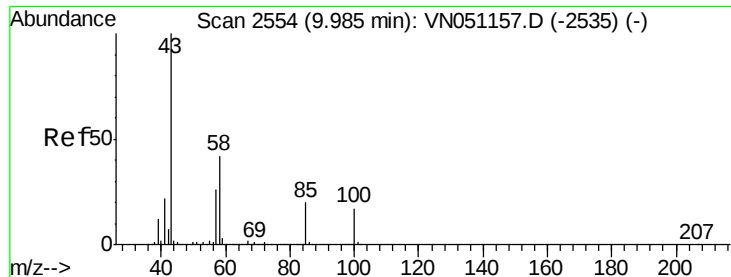
#50
Toluene-d8
Concen: 44.02 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

Tgt Ion: 98 Resp: 835511
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

Instrument :

MSVOA_N

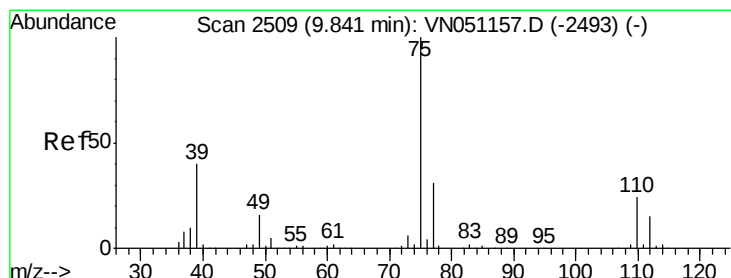
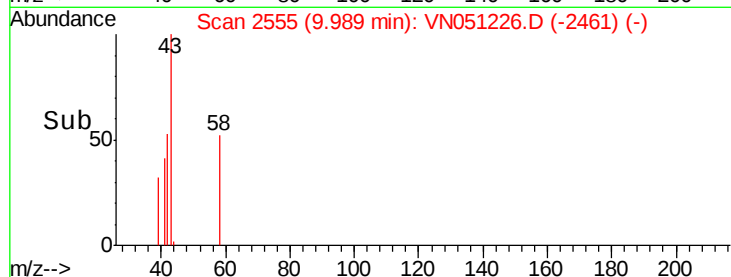
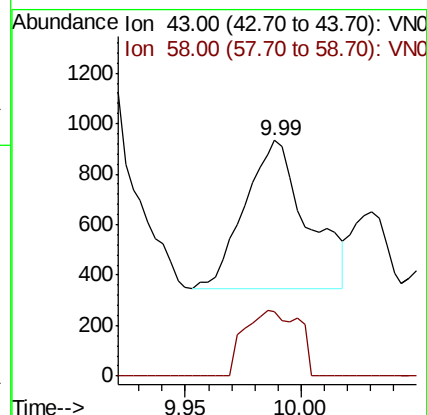
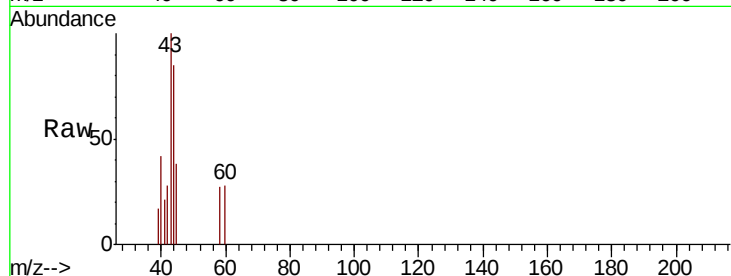
ClientSampled :

Tot Ion: 43 Resp: 1094

Ion Ratio Lower Upper

43 100

58 38.6 33.5 50.3



#54

cis-1,3-Dichloropropene

Concen: 0.23 ug/l

RT: 9.91 min Scan# 2531

Delta R.T. 0.07 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

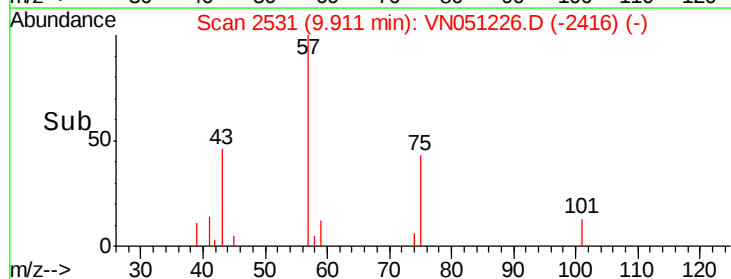
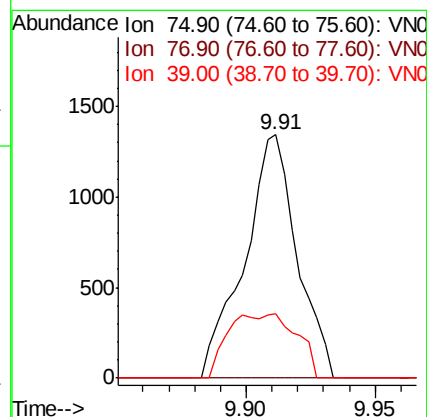
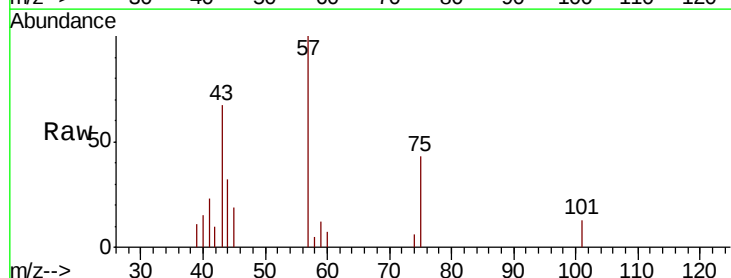
Tgt Ion: 75 Resp: 1912

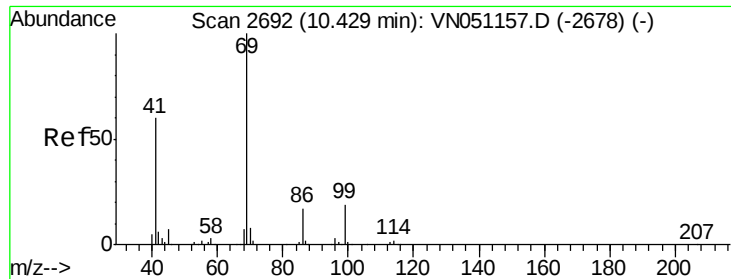
Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

39 26.4 31.9 47.9#





#56

Ethyl methacrylate

Concen: 2.49 ug/l

RT: 10.28 min Scan# 2646

Delta R.T. -0.15 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampled :

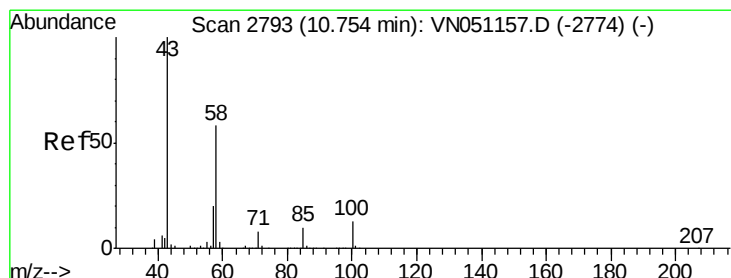
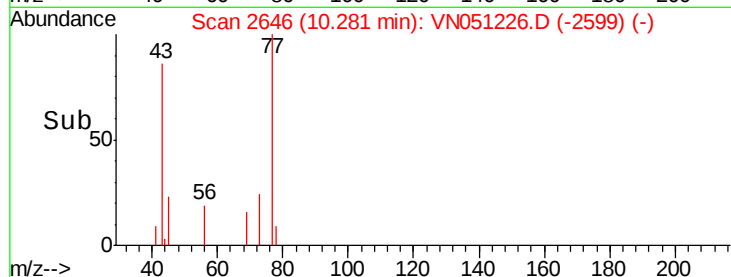
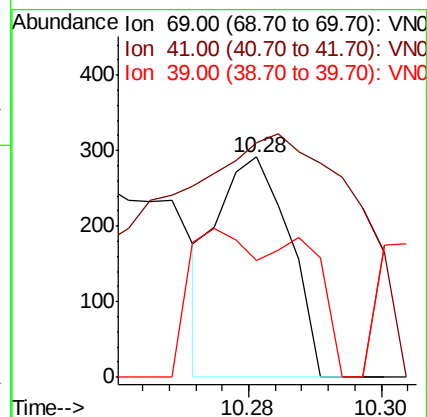
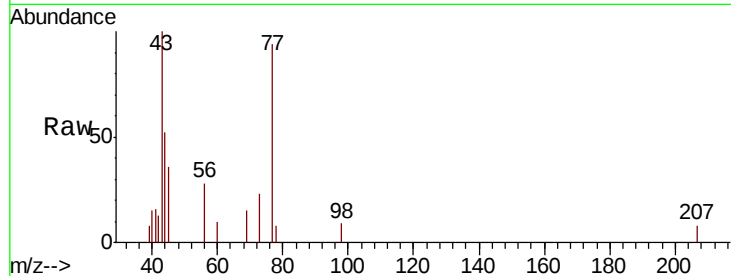
Tot Ion: 69 Resp: 221

Ion Ratio Lower Upper

69 100

41 292.3 47.8 71.8#

39 62.0 23.0 34.4#



#59

2-Hexanone

Concen: 4.70 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN051226.D

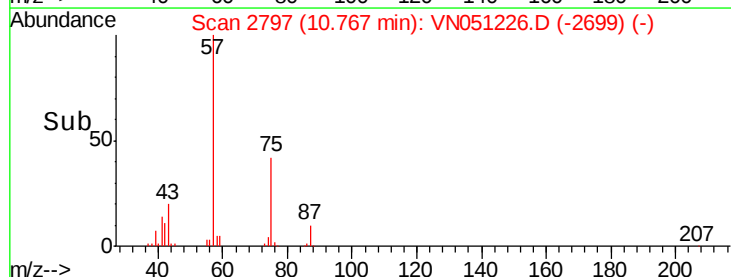
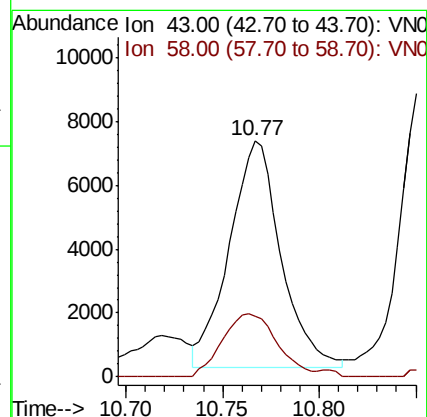
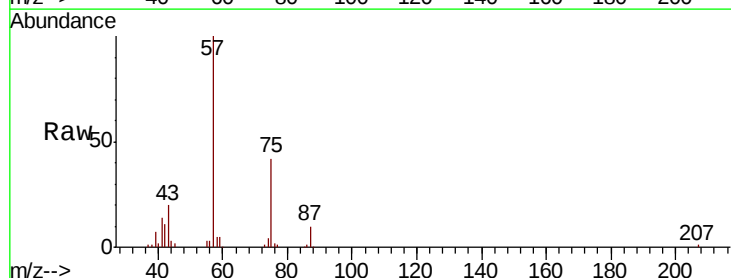
Acq: 15 Sep 2018 16:44

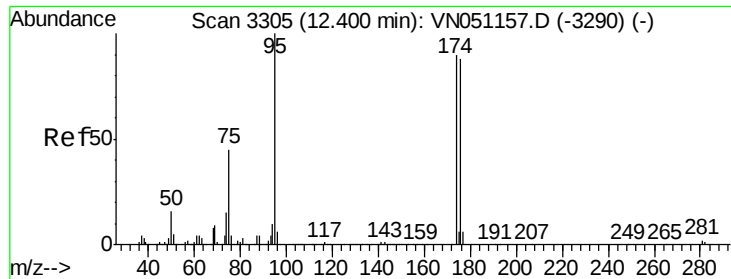
Tgt Ion: 43 Resp: 13165

Ion Ratio Lower Upper

43 100

58 29.8 29.3 88.0

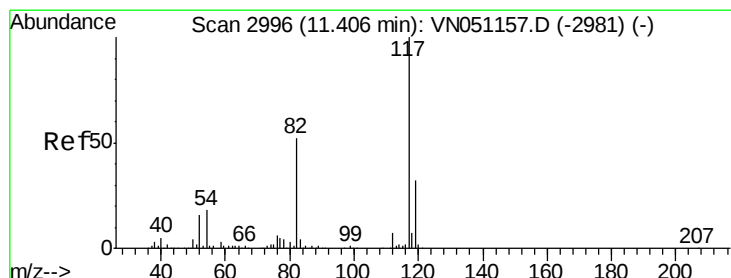
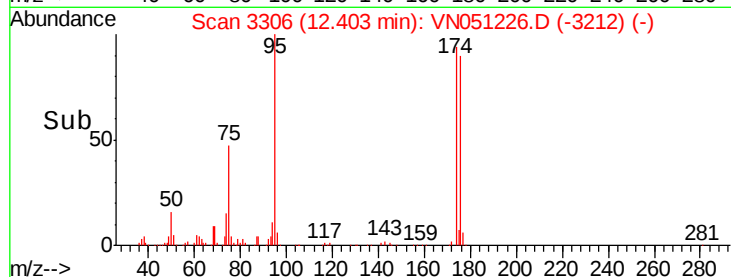
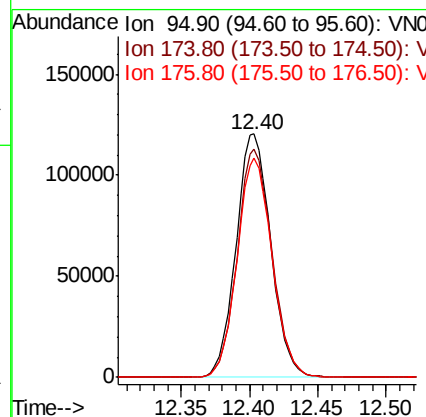
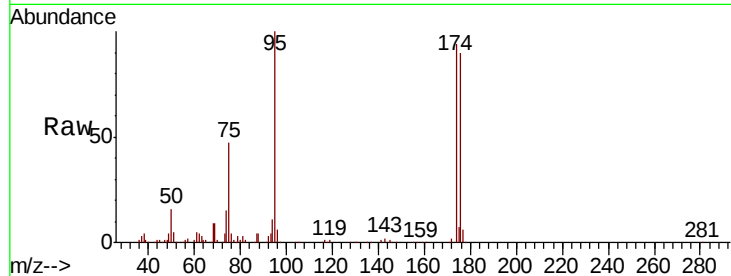




#62
4-Bromofluorobenzene
Concen: 33.85 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

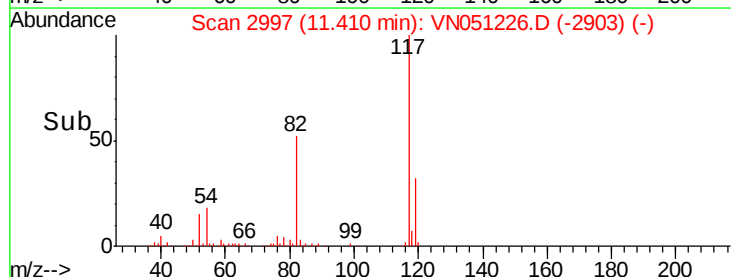
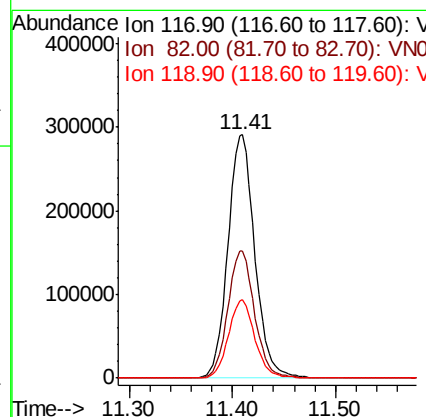
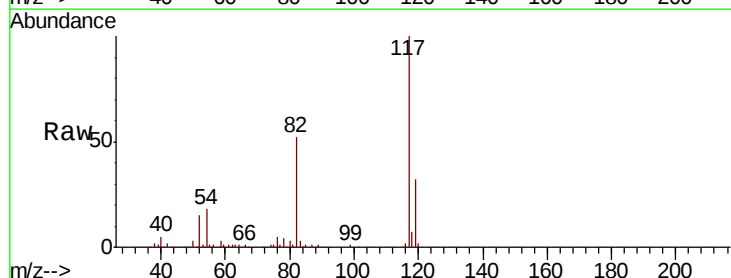
Instrument :
MSVOA_N
ClientSampleId :

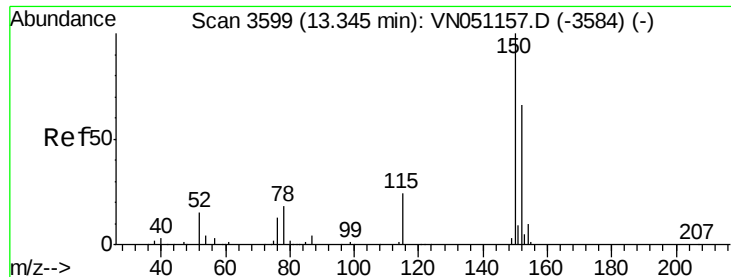
Tot Ion: 95 Resp: 212532
Ion Ratio Lower Upper
95 100
174 93.8 0.0 184.8
176 90.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051226.D
Acq: 15 Sep 2018 16:44

Tgt Ion: 117 Resp: 527157
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampled :

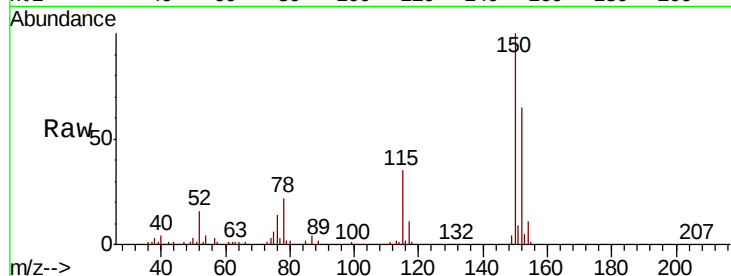
Tot Ion:152 Resp: 153715

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

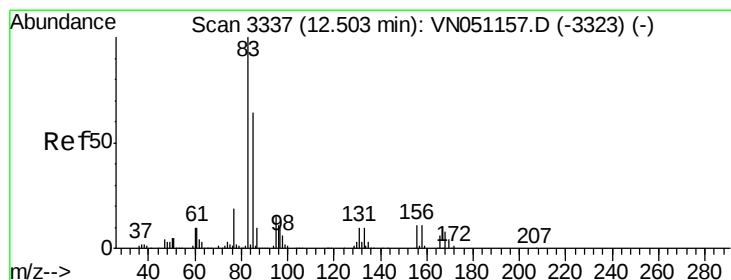
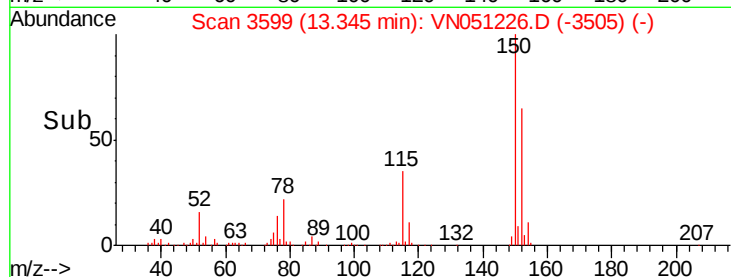
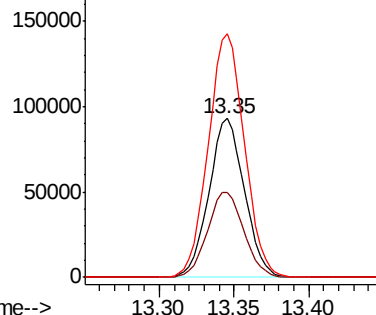
150 156.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

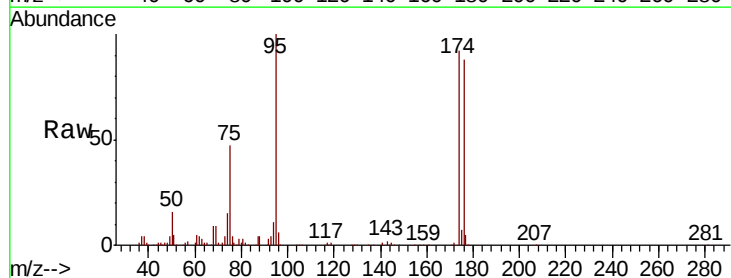
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 348.3 5.3 16.1#

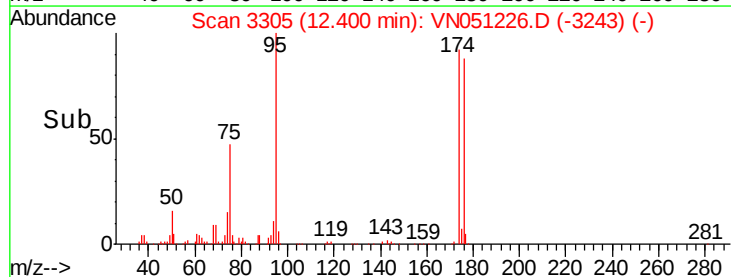
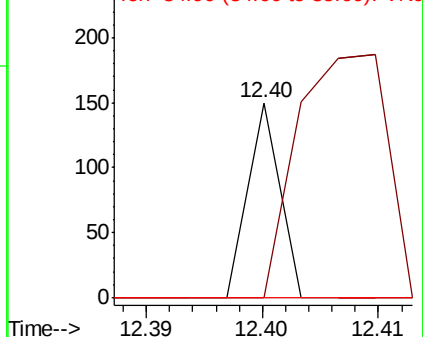
85 0.0 32.3 96.8#

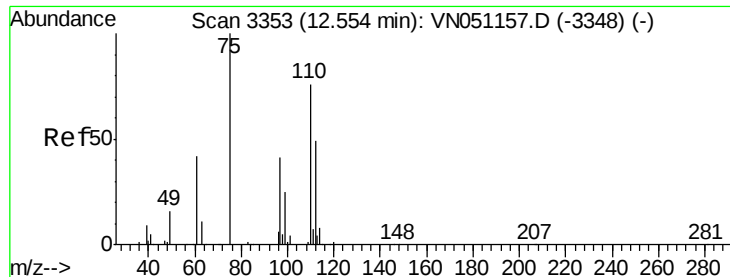


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 41.10 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

Instrument :

MSVOA_N

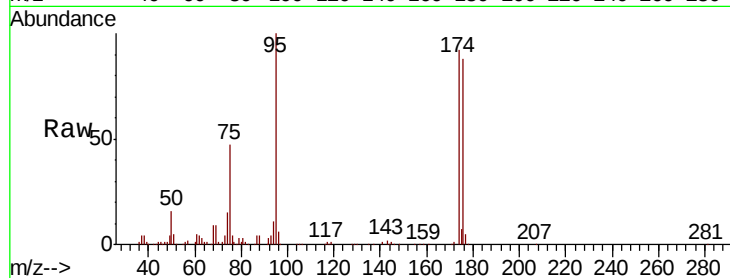
ClientSampleId :

Tot Ion: 75 Resp: 98581

Ion Ratio Lower Upper

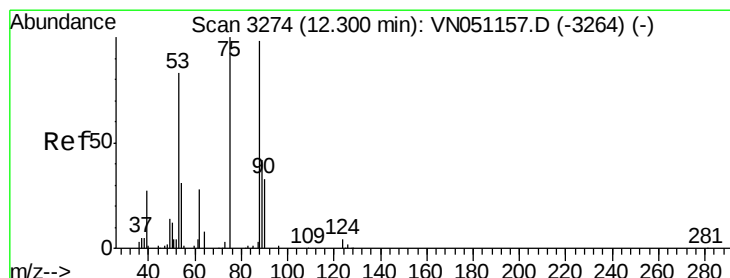
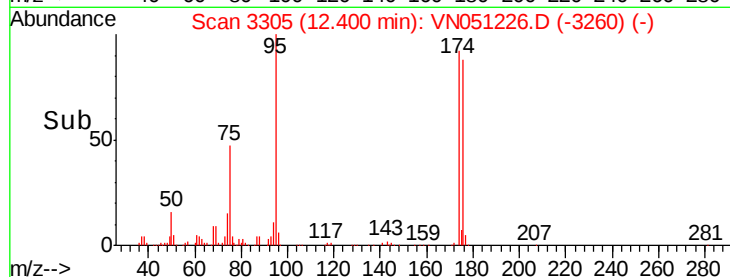
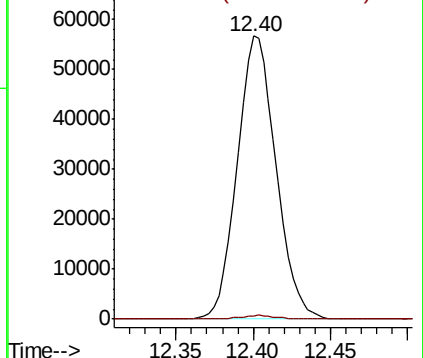
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 121.80 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

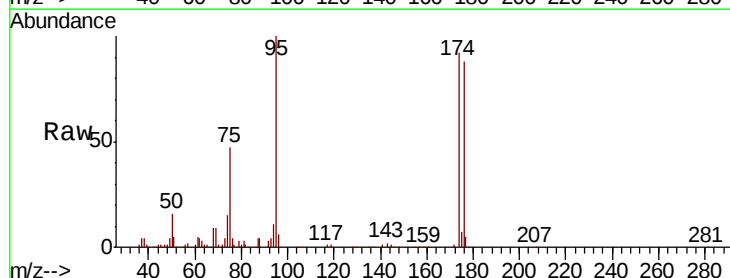
Tgt Ion: 75 Resp: 98581

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

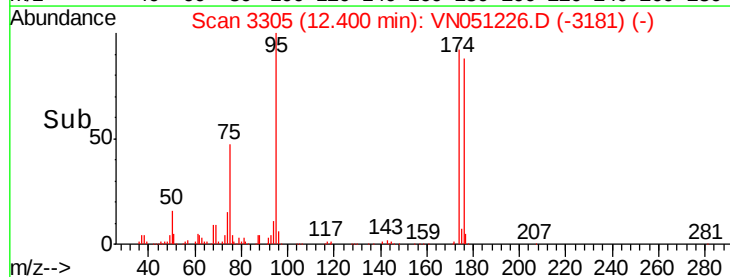
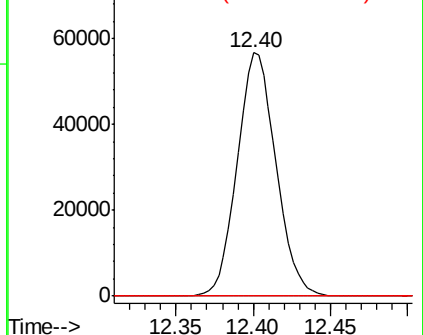
89 0.0 36.0 54.0#

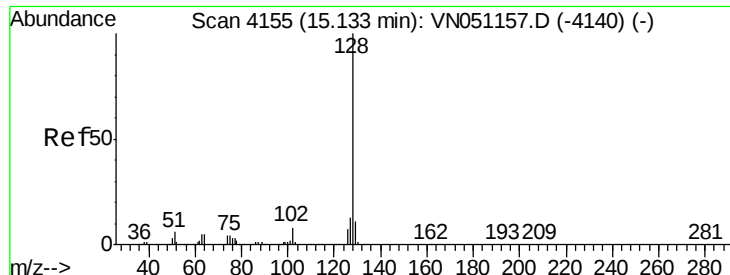


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#95

Naphthalene

Concen: 5.36 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.01 min

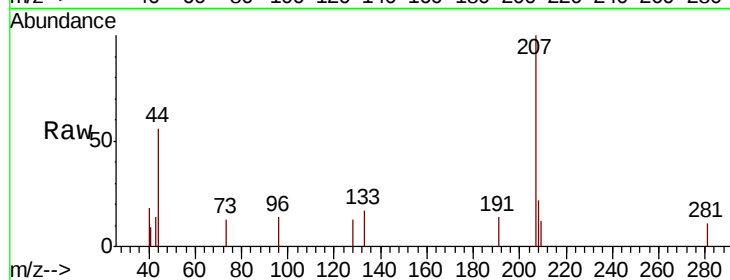
Lab File: VN051226.D

Acq: 15 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :



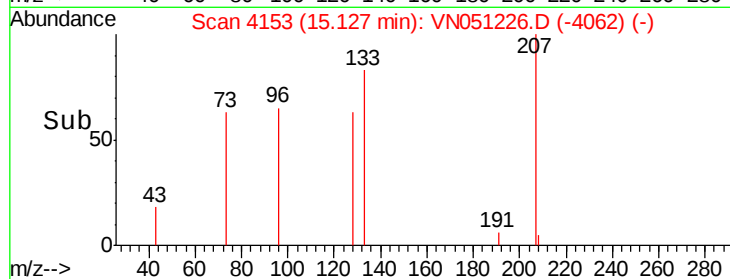
Tot Ion:128 Resp: 117

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

300

250

200

150

100

50

0

15.11 15.12 15.13 15.14

Time-->