

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
 Data File : VN054125.D
 Acq On : 6 Mar 2019 19:06
 Operator : JC/SP
 Sample : K1755-25
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Mar 07 06:40:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	590192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1042818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1030912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	427518	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	357492	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	7.59	113	332716	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1321218	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.40	95	476472	56.90	ug/l	0.00
Spiked Amount			Recovery	=	113.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1006	Below Cal	#	71
5) Bromomethane	2.58	94	892	Below Cal	#	66
10) Methyl Iodide	3.95	142	555	3.238	ug/l #	43
11) Tert butyl alcohol	4.78	59	19204	44.534	ug/l #	89
13) Acrolein	3.62	56	272	27.636	ug/l #	14
16) Acetone	3.81	43	77117	35.325	ug/l	98
17) Carbon Disulfide	4.05	76	4045	Below Cal	#	87
18) Methyl Acetate	4.33	43	18087	3.776	ug/l	94
20) Methylene Chloride	4.55	84	42883	5.381	ug/l	95
25) 2-Butanone	6.84	43	286044	98.481	ug/l	98
29) Tetrahydrofuran	7.19	42	1289	0.677	ug/l #	38
36) 1,1-Dichloropropene	7.66	75	38224	3.905	ug/l #	48
37) Ethyl Acetate	6.93	43	77769	11.042	ug/l	99
38) Carbon Tetrachloride	7.66	117	48855	5.228	ug/l #	15
39) Methylcyclohexane	9.09	83	2787	0.247	ug/l #	79
40) Benzene	8.04	78	98734	3.410	ug/l	97
41) Methacrylonitrile	7.19	41	10129	2.759	ug/l #	100
43) Isopropyl Acetate	8.16	43	5074	1.992	ug/l #	81
48) Methyl methacrylate	9.17	41	1846	0.343	ug/l #	22
49) 1,4-Dioxane	9.20	88	746	9.635	ug/l #	79
51) 4-Methyl-2-Pentanone	9.99	43	2193	0.351	ug/l	93
52) Toluene	10.16	92	172704	10.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.71	63	2779	0.801	ug/l #	50
59) 2-Hexanone	10.85	43	74838	18.154	ug/l #	28
67) Ethyl Benzene	11.51	91	58535	1.631	ug/l	99
68) m/p-Xylenes	11.62	106	127448	9.407	ug/l	99
69) o-Xylene	11.95	106	115867	8.888	ug/l	100
70) Styrene	11.96	104	89876	4.343	ug/l	90
71) Bromoform	12.40	173	3655	0.692	ug/l #	1
73) Isopropylbenzene	12.25	105	26578	0.781	ug/l	99
74) N-amyl acetate	12.03	43	13664	1.517	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.52	83	98	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	230107	31.583	ug/l #	100
77) Bromobenzene	12.52	156	224	Below Cal	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
 Data File : VN054125.D
 Acq On : 6 Mar 2019 19:06
 Operator : JC/SP
 Sample : K1755-25
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

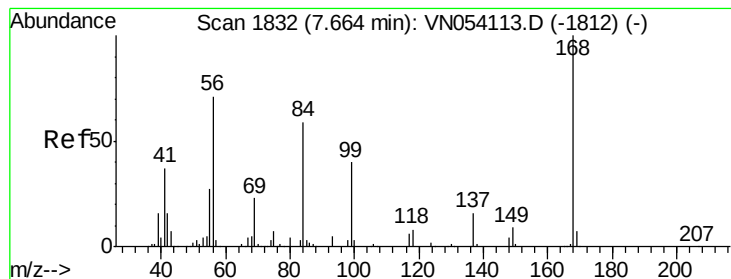
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Mar 07 06:40:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.59	91	114307	2.986	ug/l	99
79) 2-Chlorotoluene	12.65	91	38293	1.647	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	163245	5.903	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	230107	108.460	ug/l #	12
82) 4-Chlorotoluene	12.73	91	14225	0.614	ug/l #	40
83) tert-Butylbenzene	13.04	119	80090	3.270	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	656621	23.924	ug/l	99
85) sec-Butylbenzene	13.04	105	656621	19.758	ug/l #	57
86) p-Isopropyltoluene	13.29	119	18744	0.671	ug/l	98
89) n-Butylbenzene	13.61	91	9198	0.390	ug/l #	64
90) Hexachloroethane	13.89	117	4612	0.861	ug/l #	5
91) 1,2-Dichlorobenzene	13.65	146	860	Below Cal	#	73
94) Hexachlorobutadiene	15.01	225	380	Below Cal	#	61
95) Naphthalene	15.13	128	92010	9.808	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	1287	2.593	ug/l #	81

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

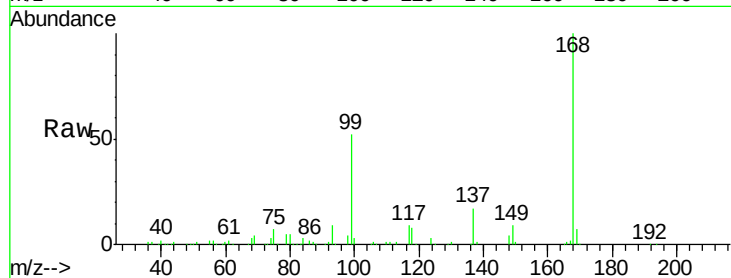
COMP-1

Tgt Ion:168 Resp: 590192

Ion Ratio Lower Upper

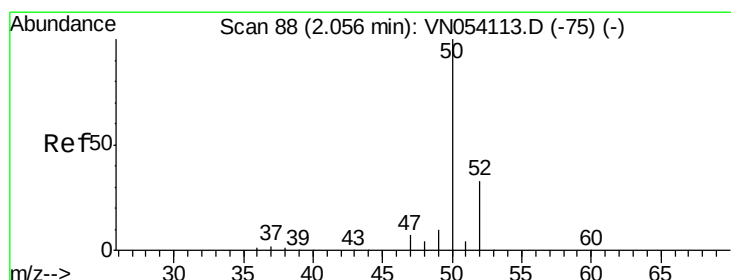
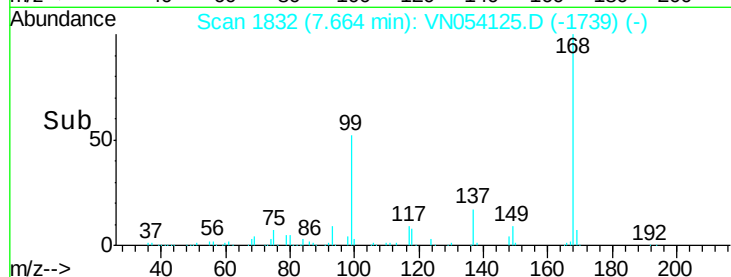
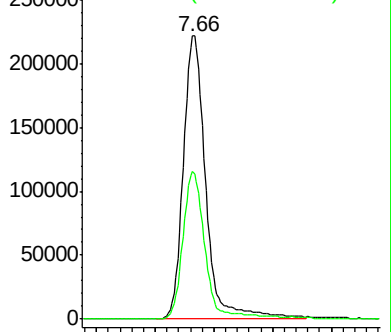
168 100

99 52.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054125.D

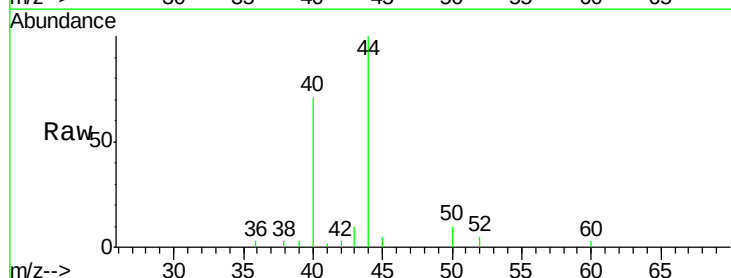
Acq: 6 Mar 2019 19:06

Tgt Ion: 50 Resp: 1006

Ion Ratio Lower Upper

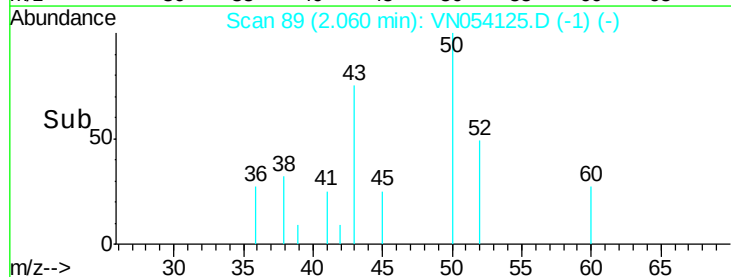
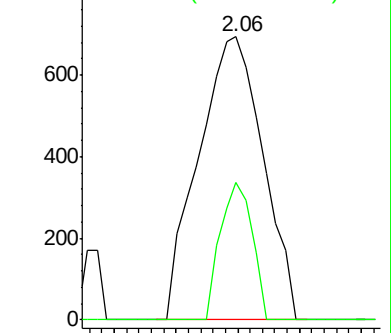
50 100

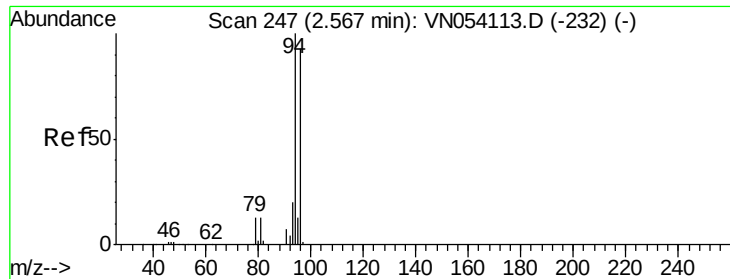
52 48.8 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

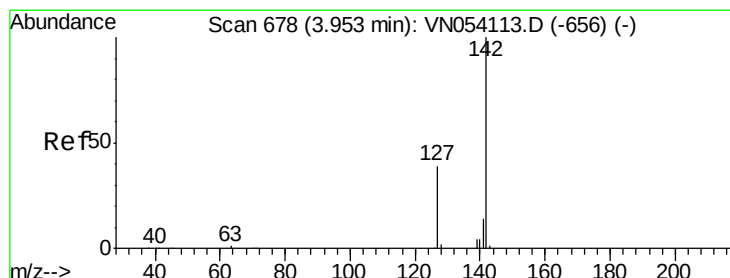
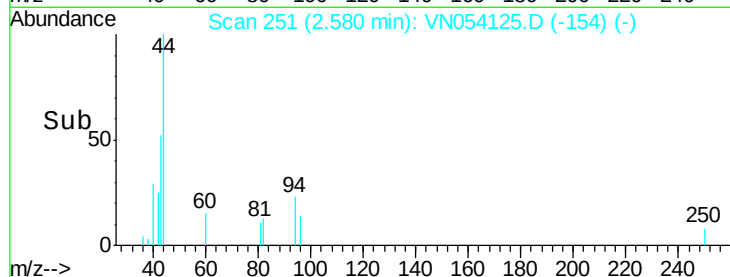
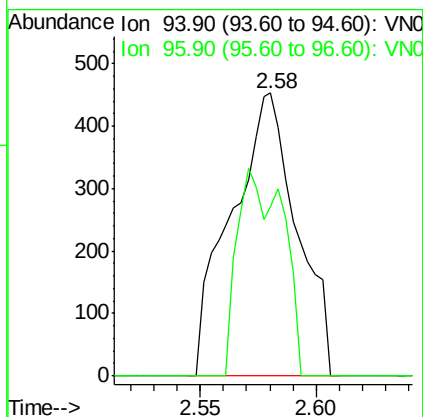
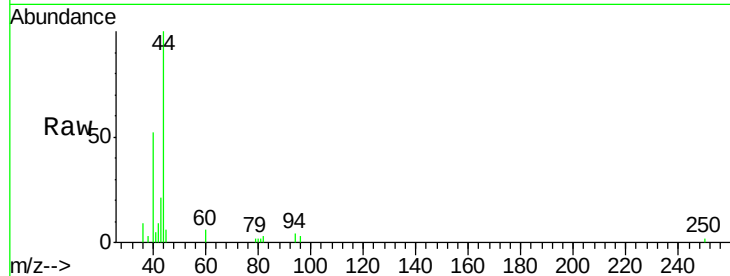
COMP-1

Tgt Ion: 94 Resp: 892

Ion Ratio Lower Upper

94 100

96 59.8 74.2 111.4#



#10

Methyl Iodide

Concen: 3.238 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

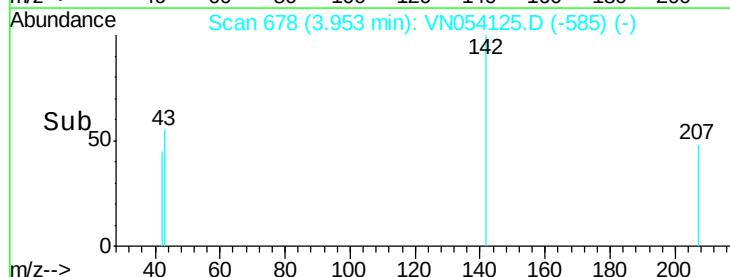
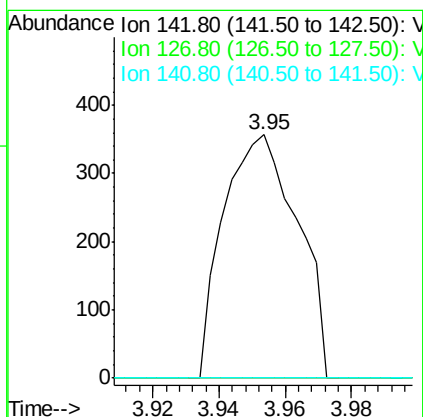
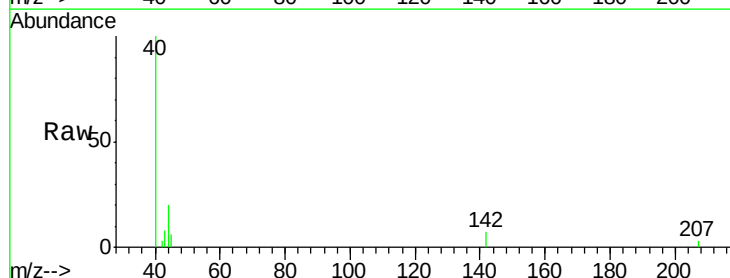
Tgt Ion: 142 Resp: 555

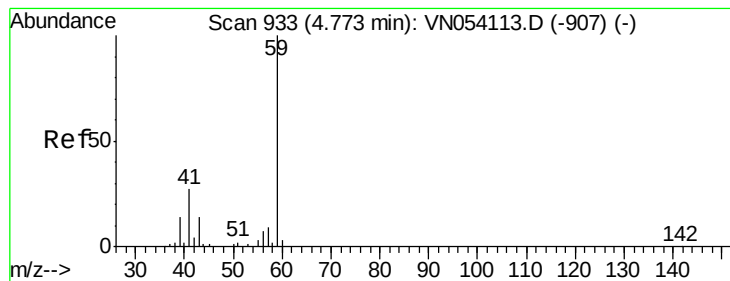
Ion Ratio Lower Upper

142 100

127 0.0 31.9 47.9#

141 0.0 11.4 17.0#



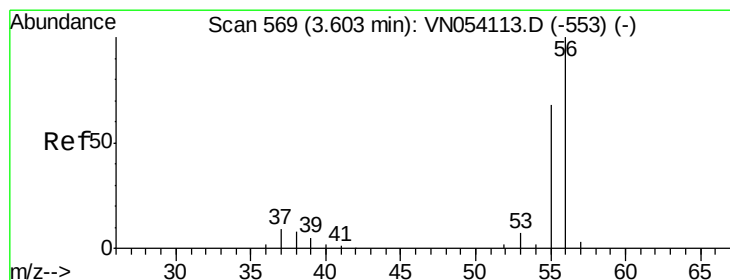
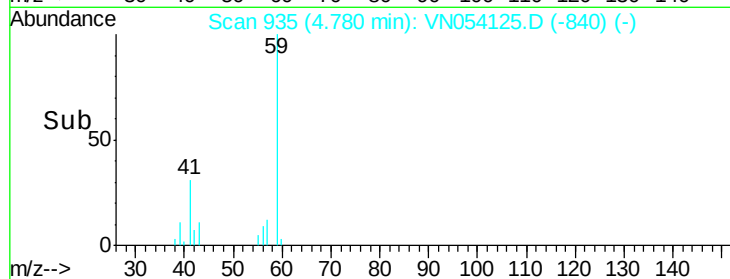
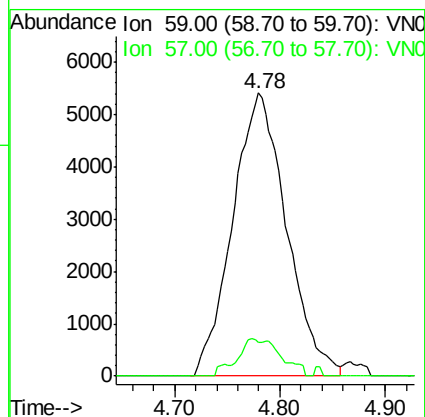
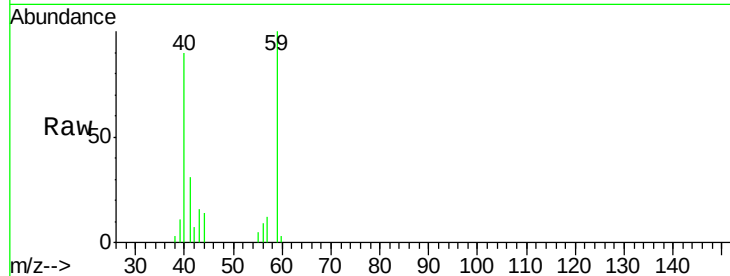


#11

Tert butyl alcohol
 Concen: 44.534 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

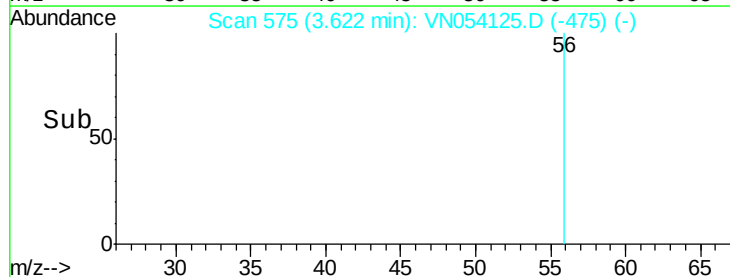
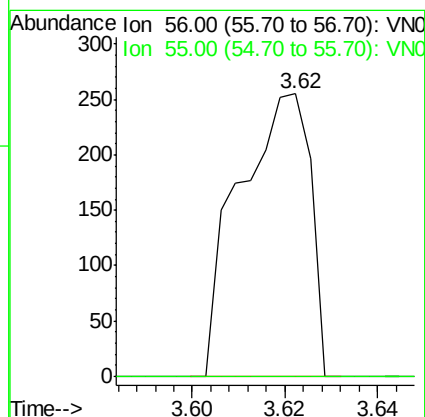
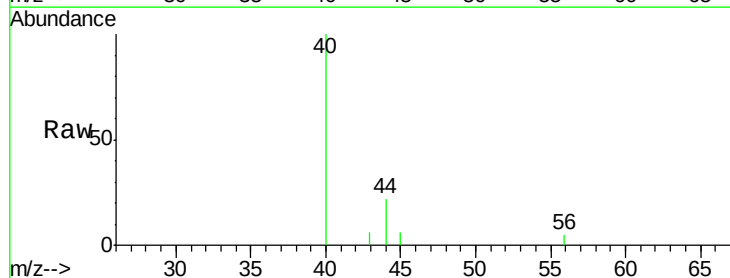
Tgt Ion: 59 Resp: 19204
 Ion Ratio Lower Upper
 59 100
 57 6.1 8.2 12.4#

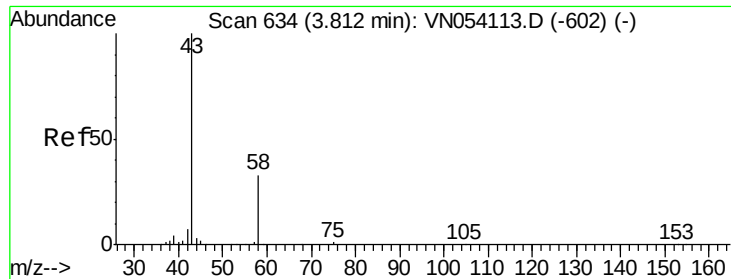


#13

Acrolein
 Concen: 27.636 ug/l
 RT: 3.62 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

Tgt Ion: 56 Resp: 272
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.1 85.7#





#16

Acetone

Concen: 35.325 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

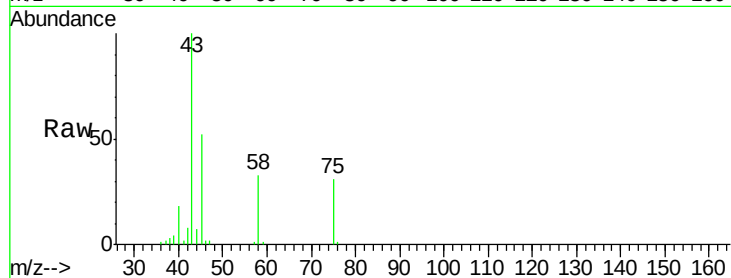
COMP-1

Tgt Ion: 43 Resp: 77117

Ion Ratio Lower Upper

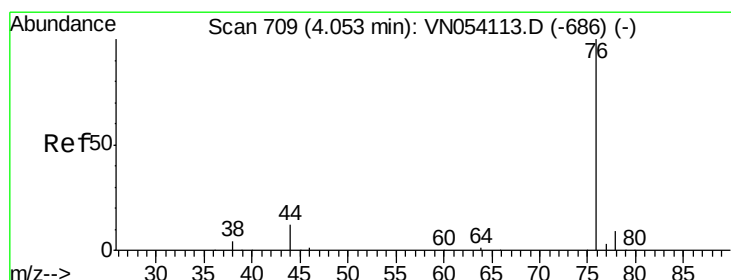
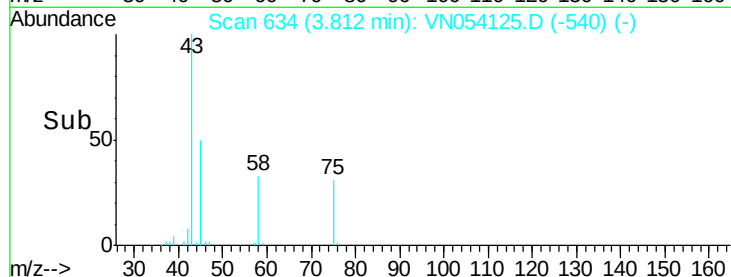
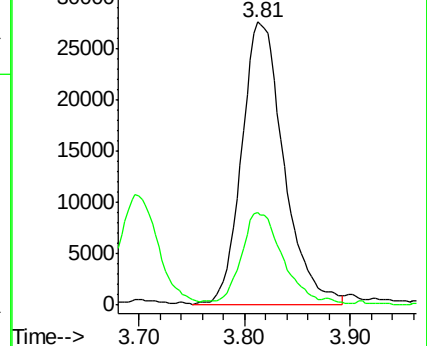
43 100

58 31.8 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN054125.D

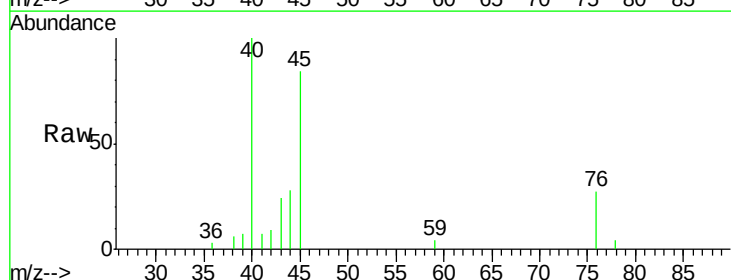
Acq: 6 Mar 2019 19:06

Tgt Ion: 76 Resp: 4045

Ion Ratio Lower Upper

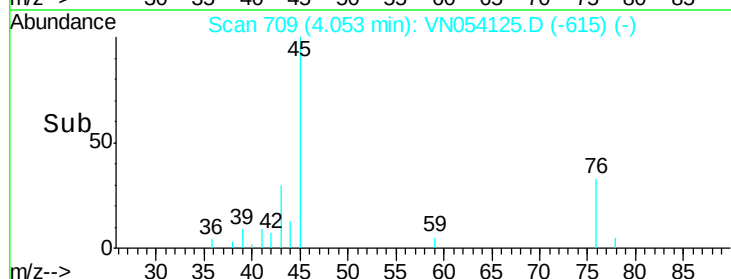
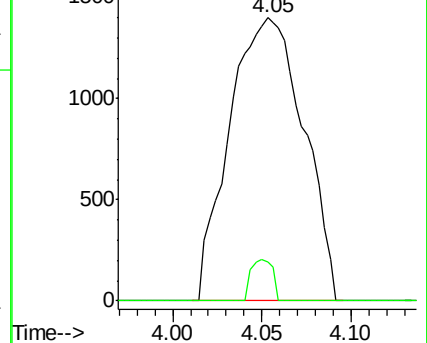
76 100

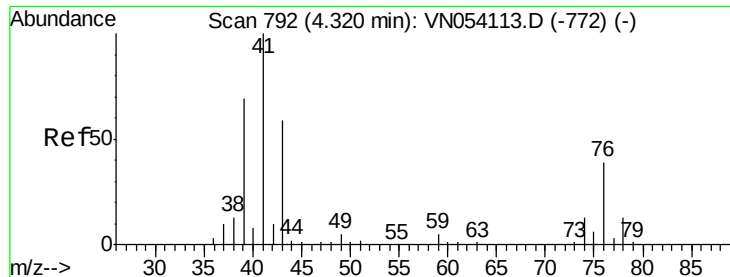
78 13.9 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

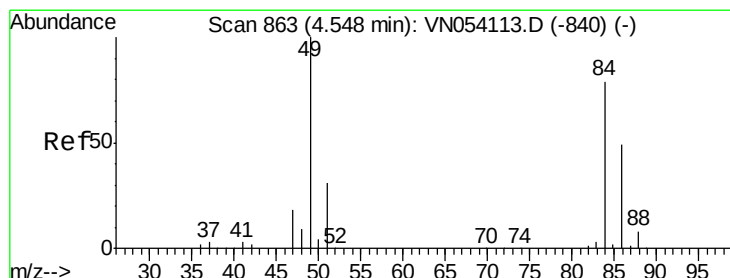
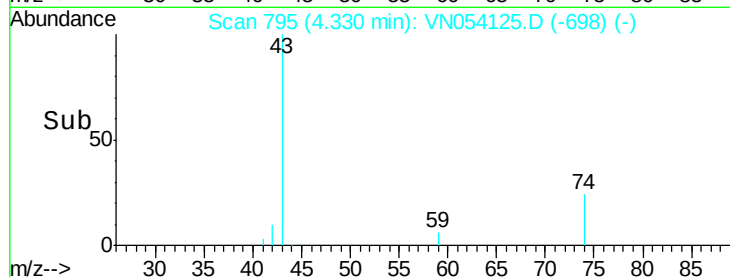
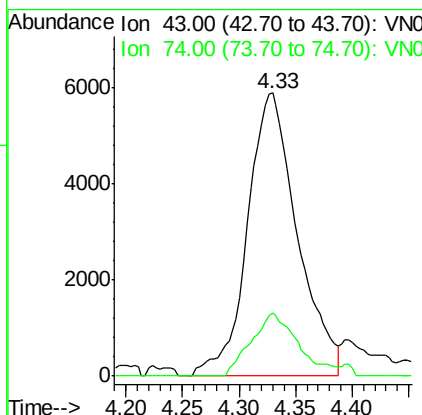
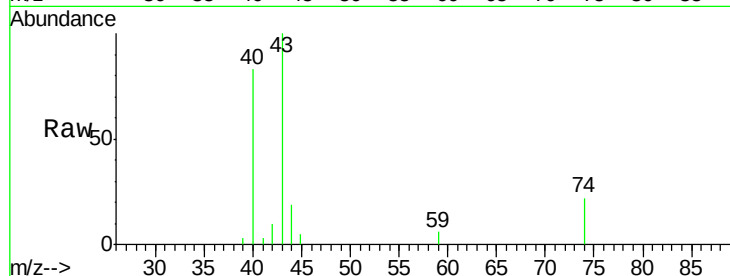




#18
Methyl Acetate
Concen: 3.776 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

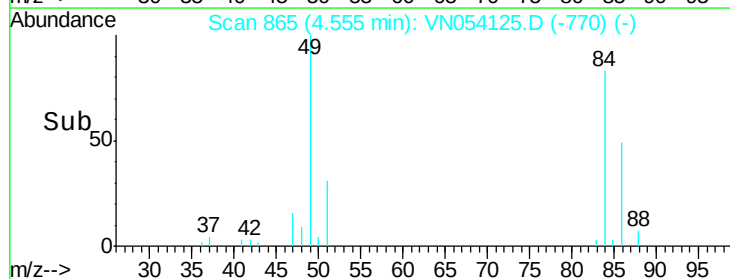
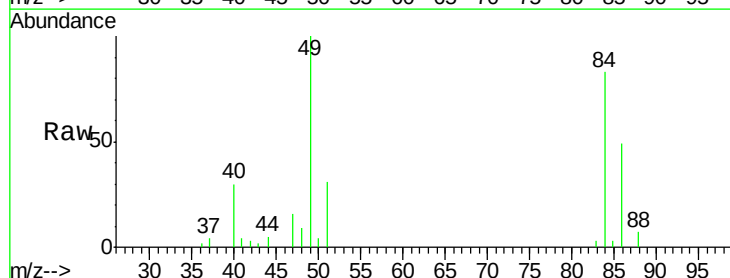
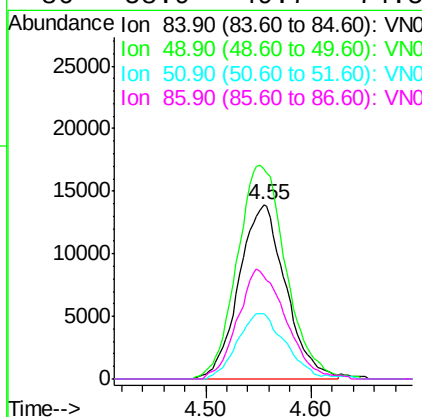
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

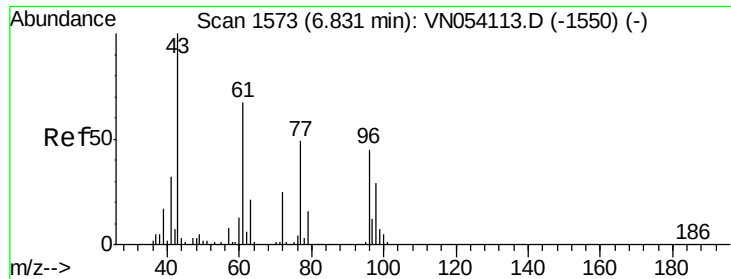
Tgt Ion: 43 Resp: 18087
Ion Ratio Lower Upper
43 100
74 19.8 18.2 27.2



#20
Methylene Chloride
Concen: 5.381 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 84 Resp: 42883
Ion Ratio Lower Upper
84 100
49 120.7 101.8 152.8
51 37.2 31.1 46.7
86 58.9 49.7 74.5

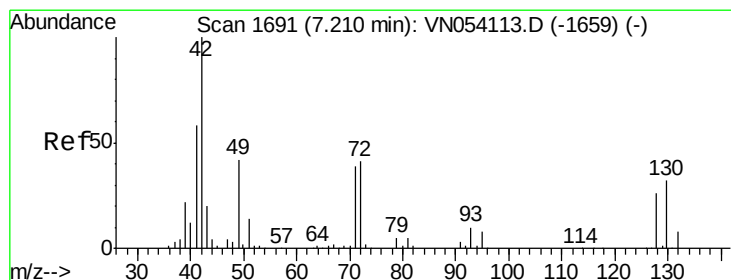
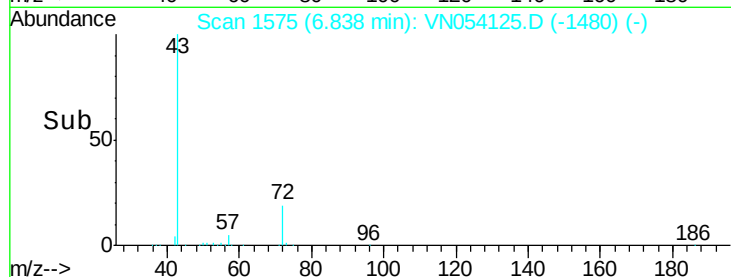
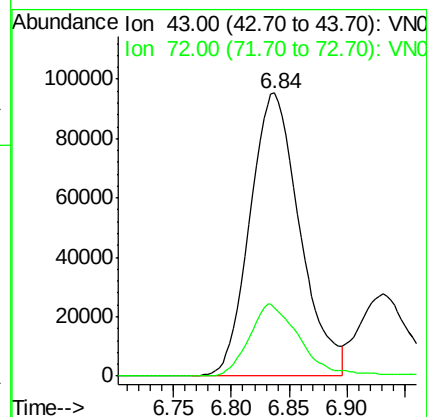
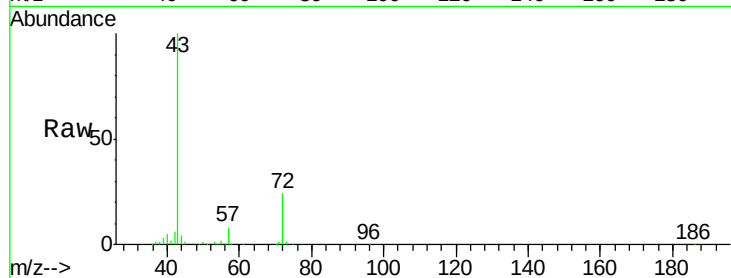




#25
2-Butanone
Concen: 98.481 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

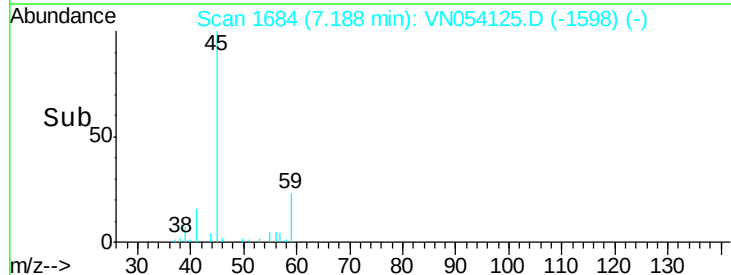
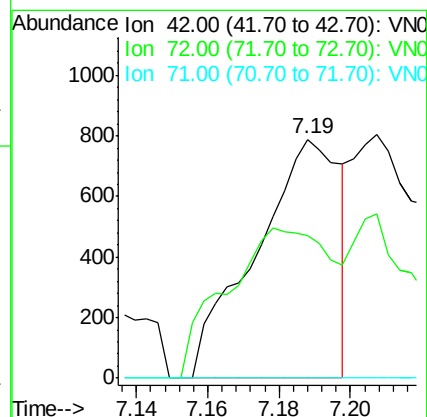
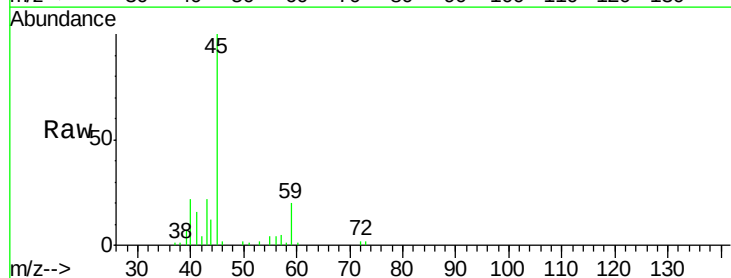
Instrument :
MSVOA_N
ClientSampled :
COMP-1

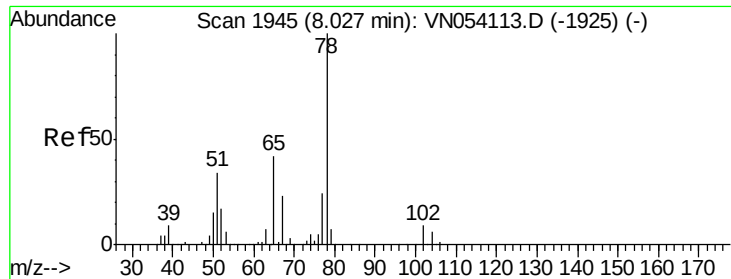
Tgt Ion: 43 Resp: 286044
Ion Ratio Lower Upper
43 100
72 24.0 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.677 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.02 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 42 Resp: 1289
Ion Ratio Lower Upper
42 100
72 79.1 32.8 49.2#
71 0.0 30.5 45.7#

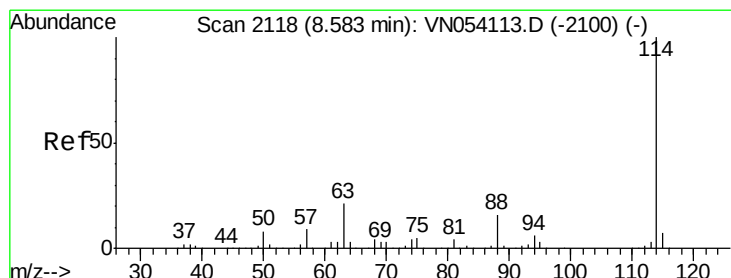
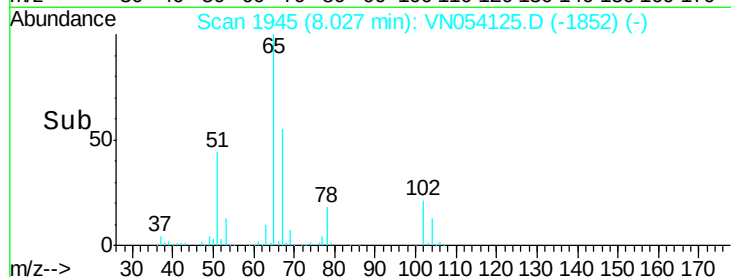
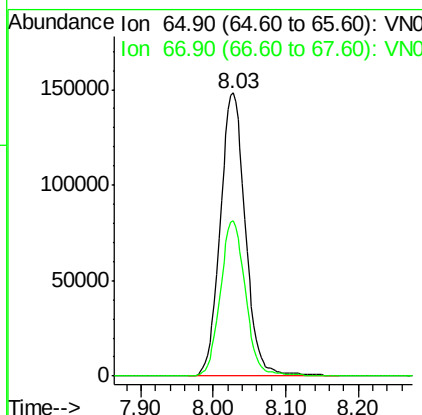
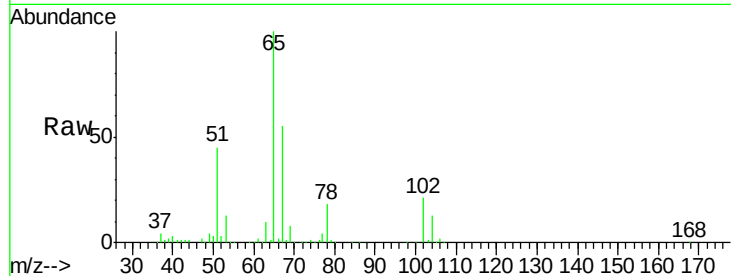




#33
 1,2-Dichloroethane-d4
 Concen: 50.436 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

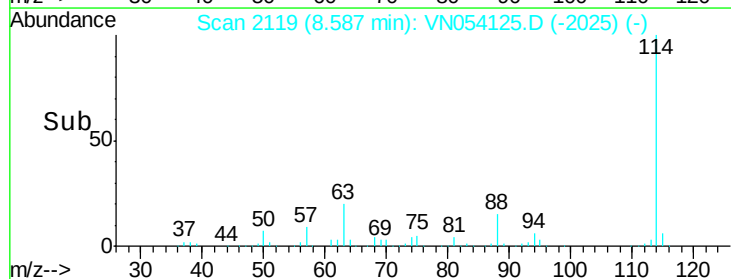
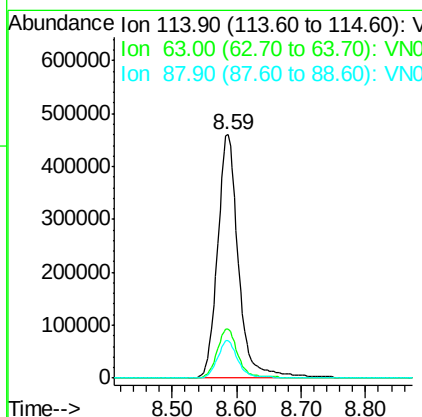
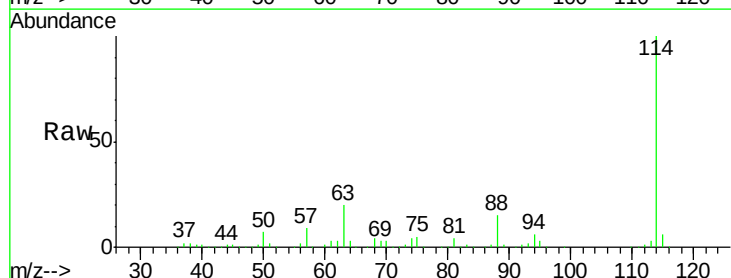
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

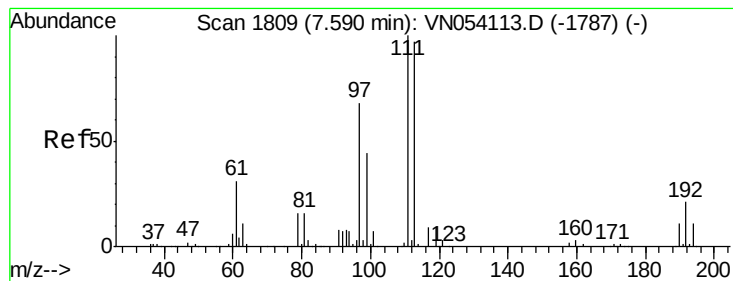
Tgt Ion: 65 Resp: 357492
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

Tgt Ion: 114 Resp: 1042818
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.124 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

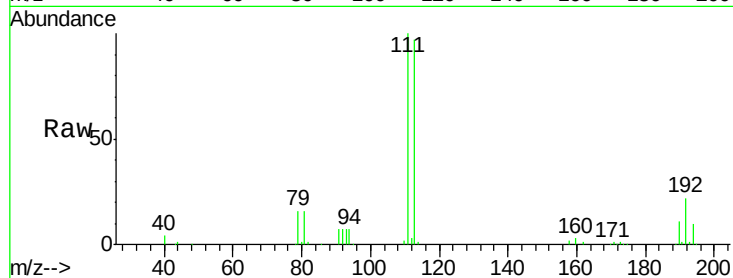
Tgt Ion:113 Resp: 332716

Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

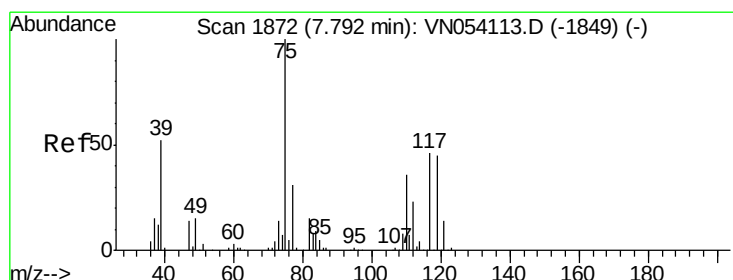
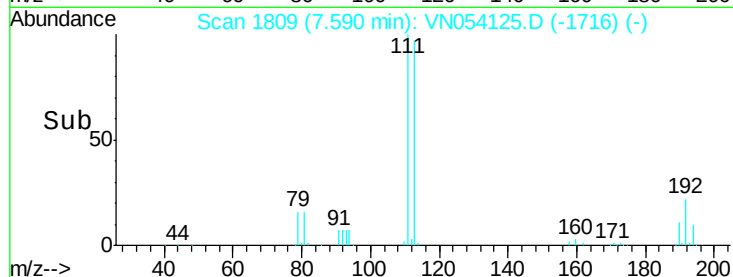
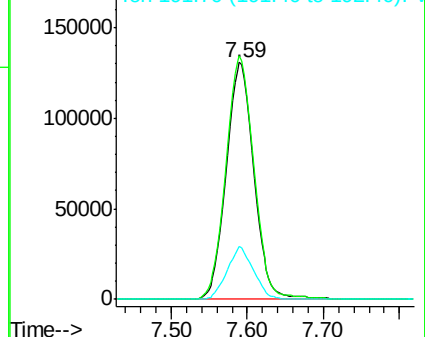
192 21.3 17.4 26.0



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: 3.905 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

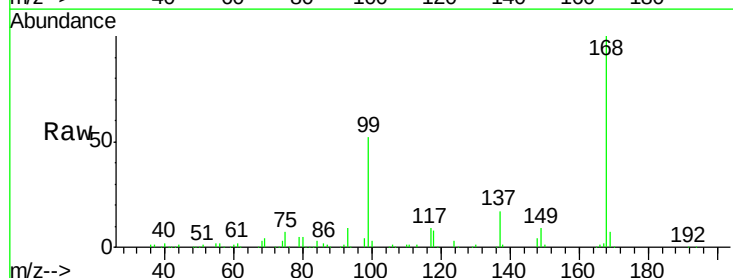
Tgt Ion: 75 Resp: 38224

Ion Ratio Lower Upper

75 100

110 8.0 18.0 54.0#

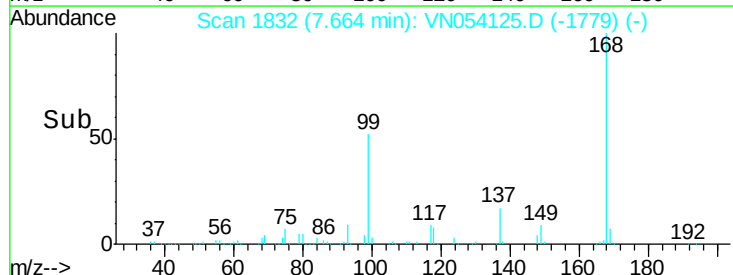
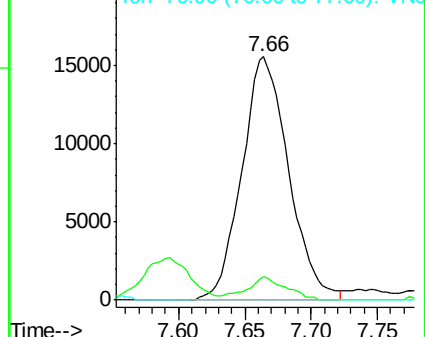
77 0.0 25.3 37.9#

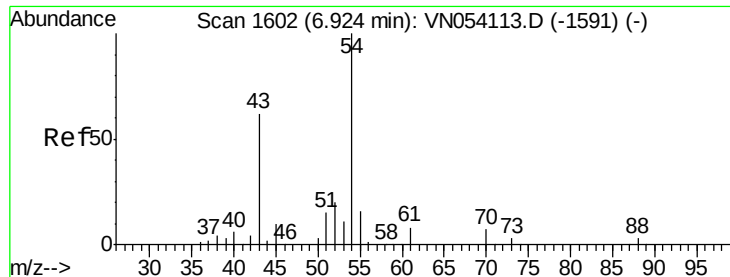


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

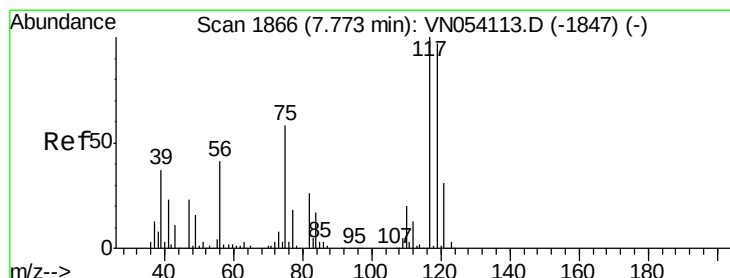
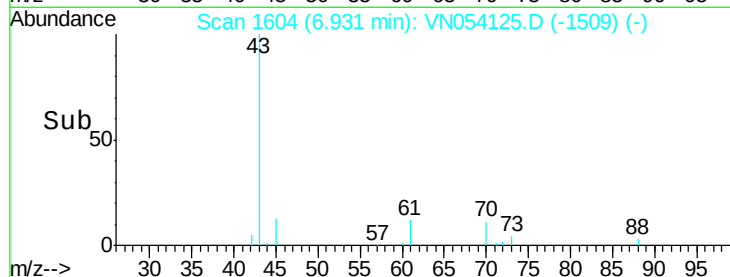
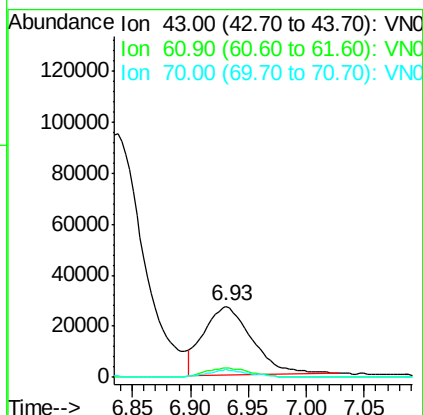
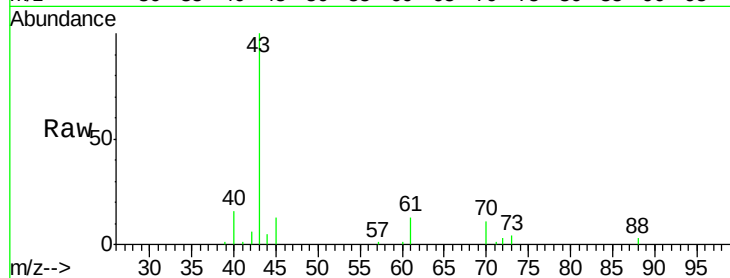




#37
Ethyl Acetate
Concen: 11.042 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

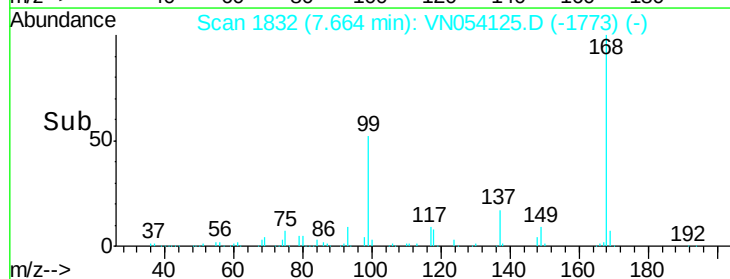
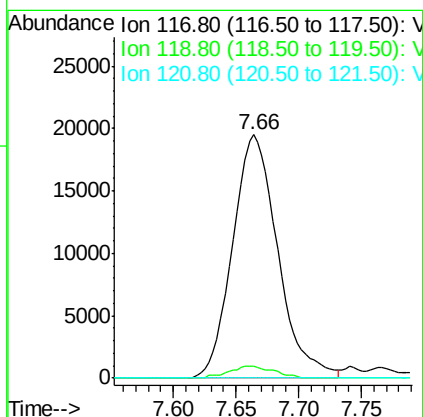
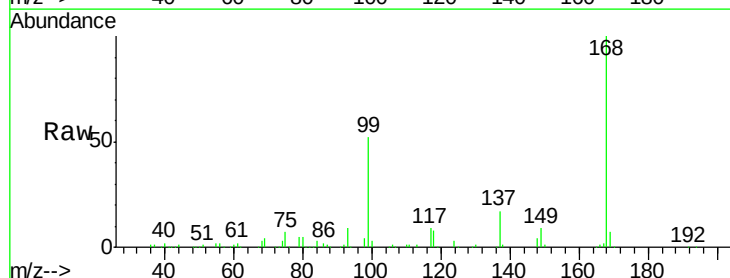
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

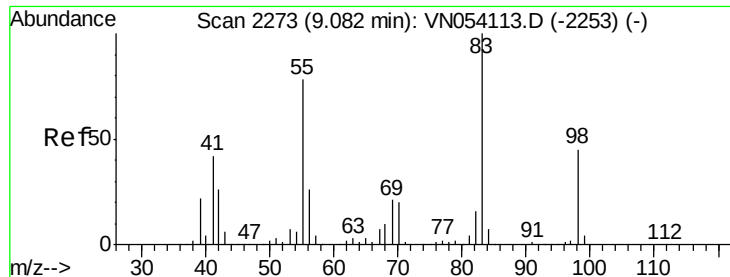
Tgt Ion: 43 Resp: 77769
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 5.228 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 117 Resp: 48855
Ion Ratio Lower Upper
117 100
119 4.7 77.0 115.6#
121 0.0 24.3 36.5#

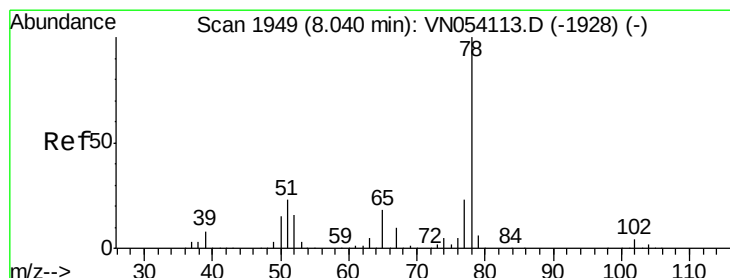
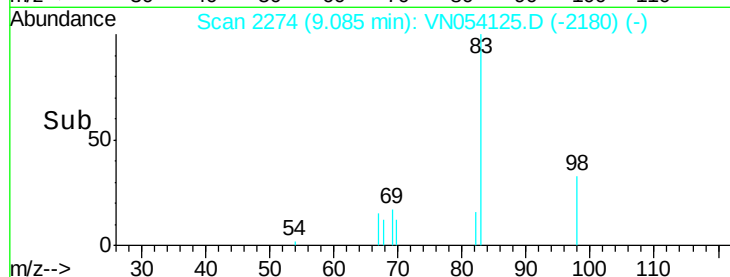
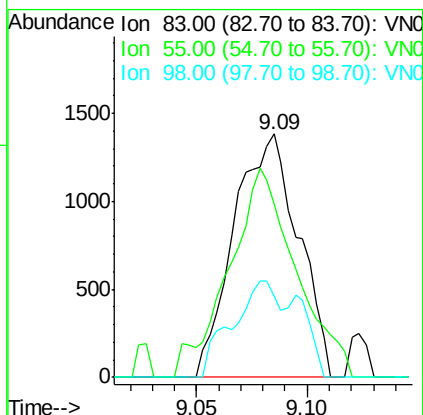
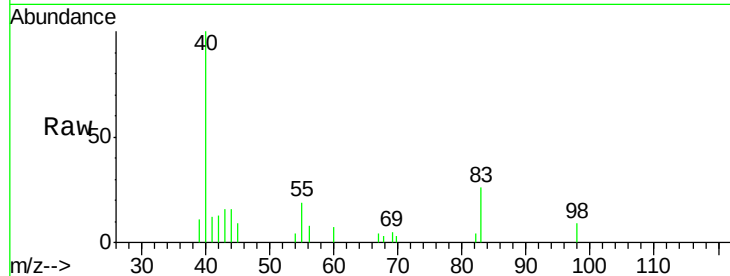




#39
Methylcyclohexane
Concen: 0.247 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

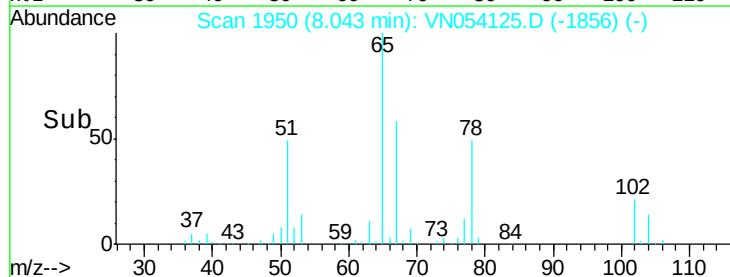
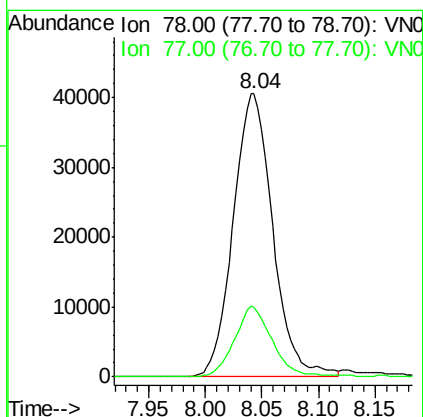
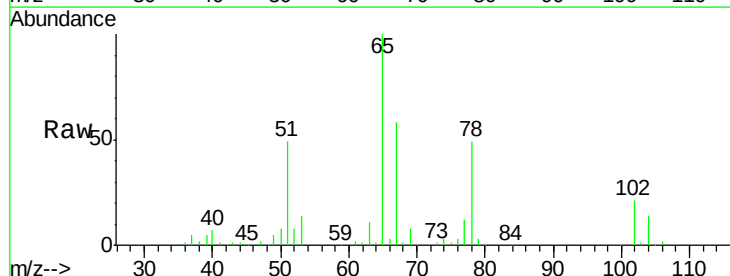
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

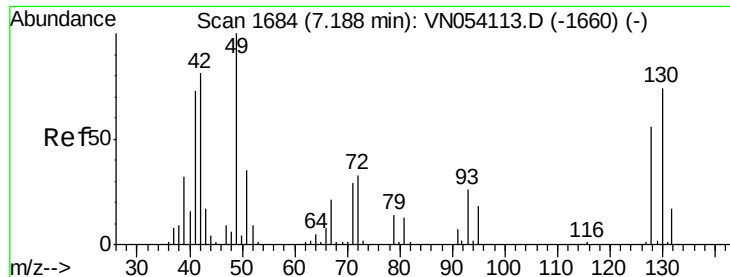
Tgt Ion: 83 Resp: 2787
Ion Ratio Lower Upper
83 100
55 57.7 62.1 93.1#
98 33.3 36.0 54.0#



#40
Benzene
Concen: 3.410 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 78 Resp: 98734
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1

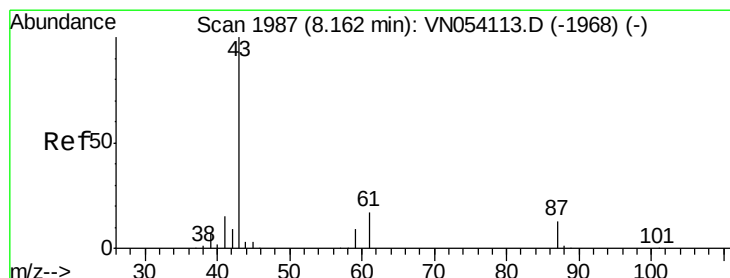
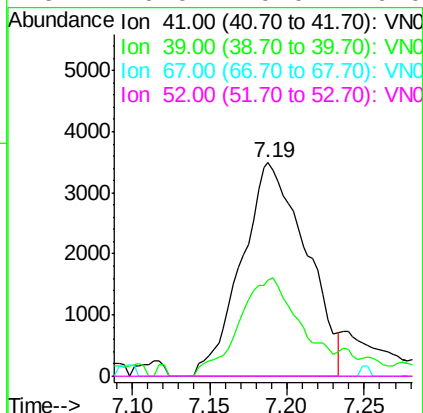
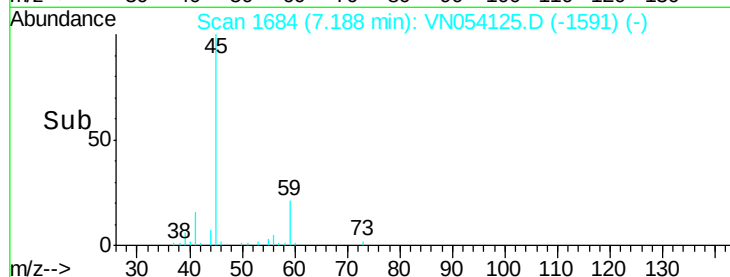
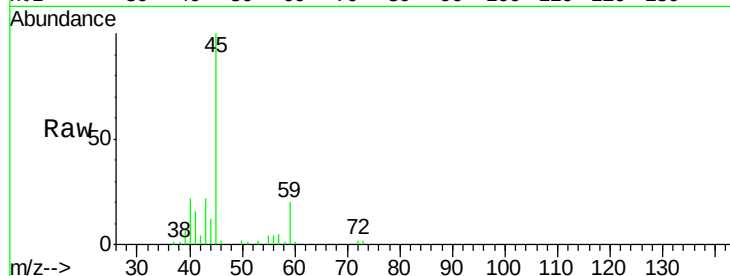




#41
Methacrylonitrile
Concen: 2.759 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

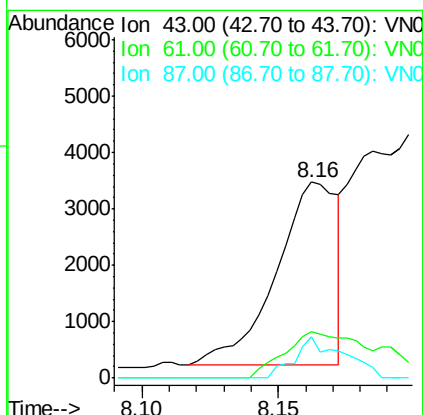
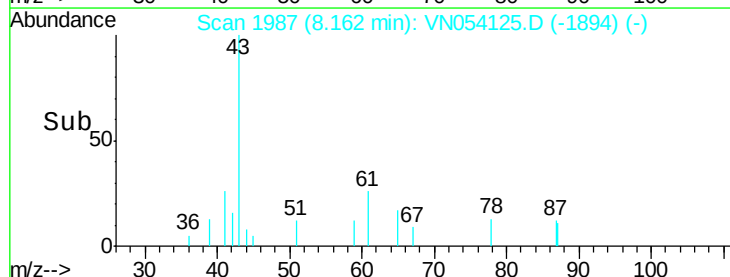
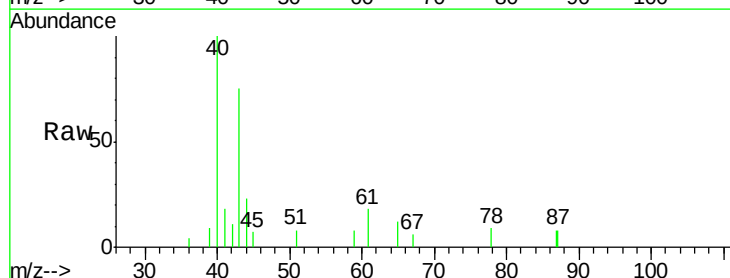
Instrument :
MSVOA_N
ClientSampled :
COMP-1

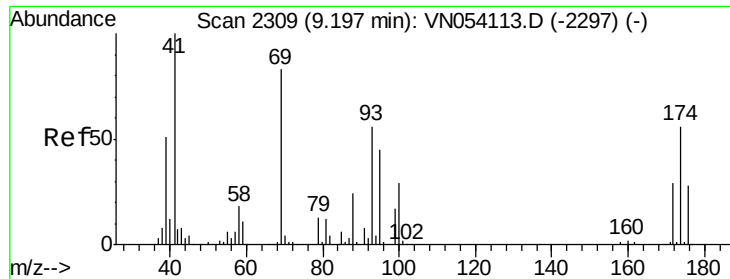
Tgt Ion:	41	Resp:	10129
Ion	Ratio	Lower	Upper
41	100		
39	43.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 1.992 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion:	43	Resp:	5074
Ion	Ratio	Lower	Upper
43	100		
61	39.7	22.5	33.7#
87	18.0	10.1	15.1#

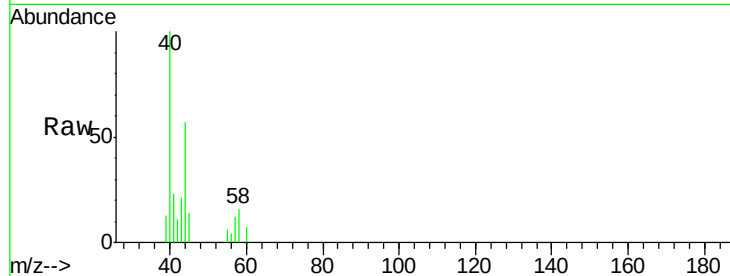




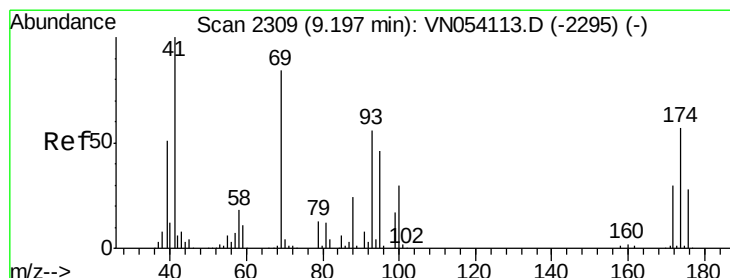
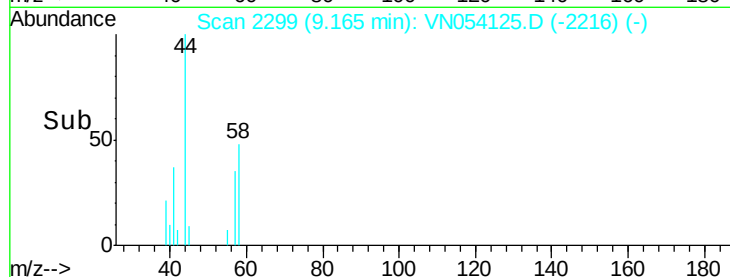
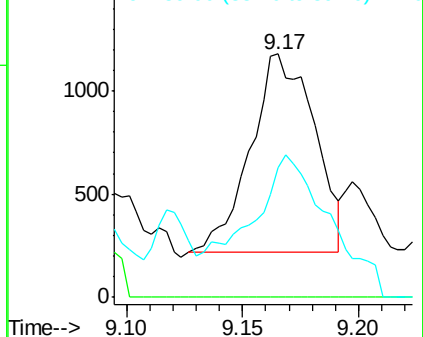
#48
Methyl methacrylate
Concen: 0.343 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.03 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tgt Ion: 41 Resp: 1846
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.4#
39 90.9 43.7 65.5#

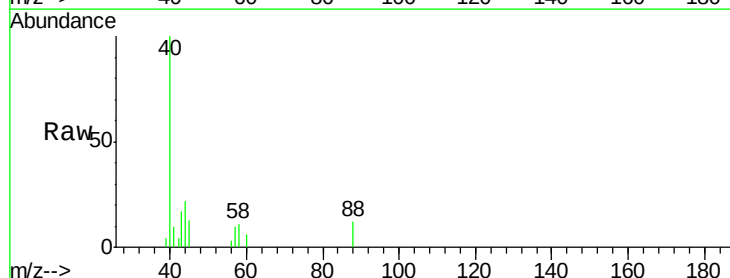


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

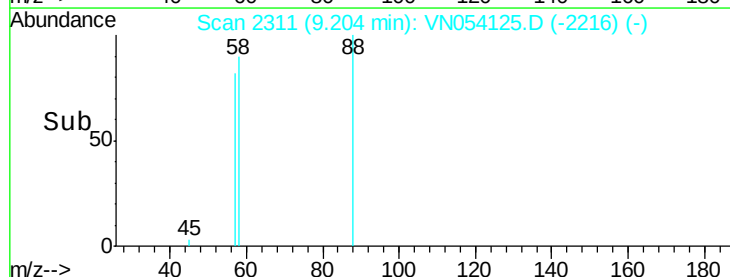
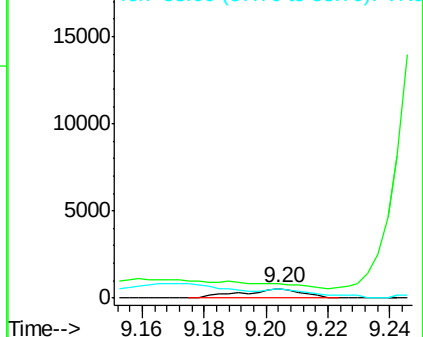


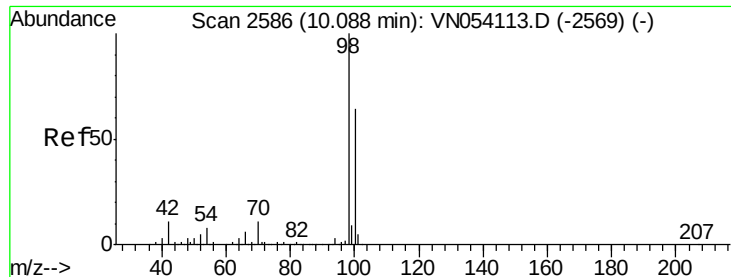
#49
1,4-Dioxane
Concen: 9.635 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 88 Resp: 746
Ion Ratio Lower Upper
88 100
43 0.0 25.5 38.3#
58 77.7 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC

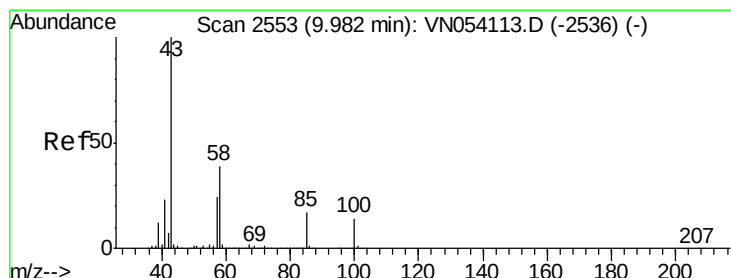
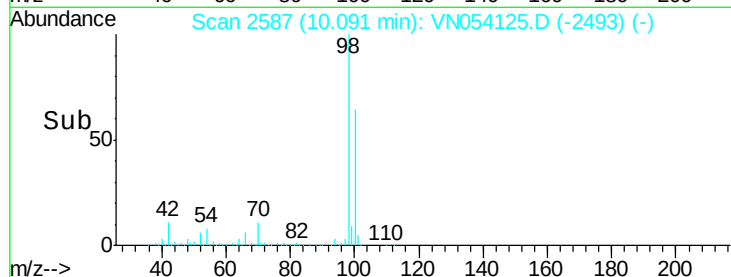
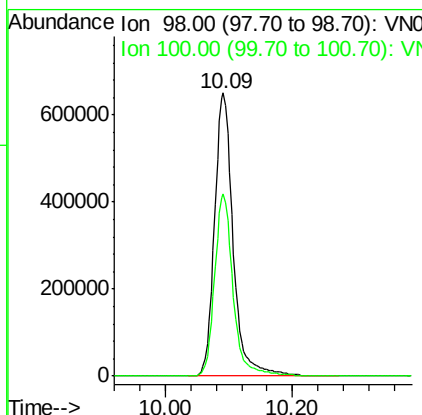
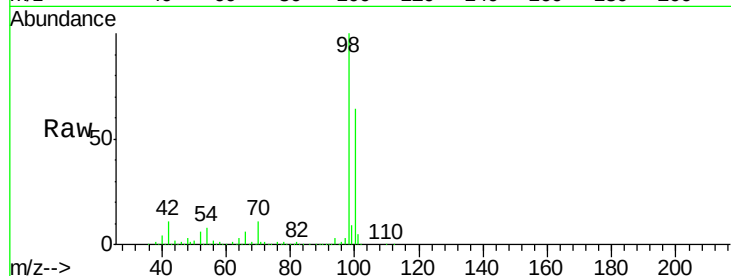




#50
Toluene-d8
Concen: 51.370 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

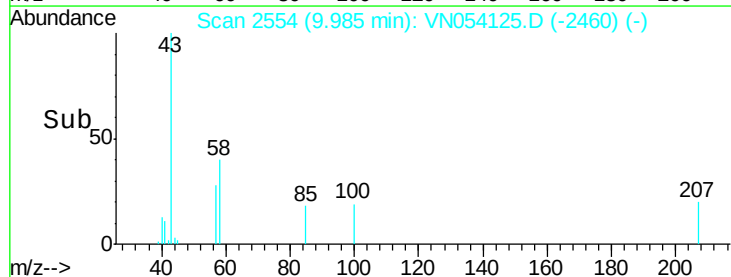
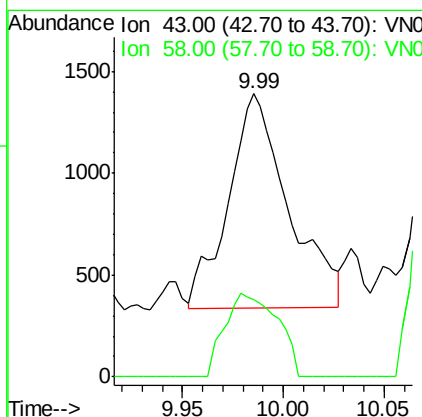
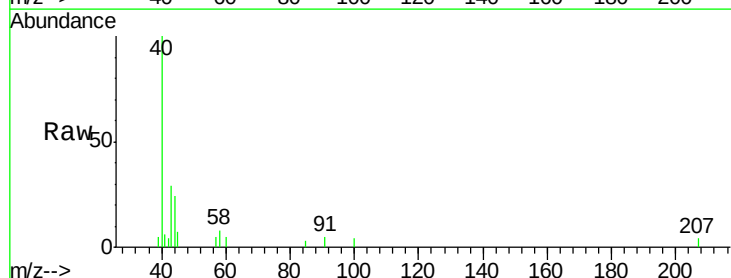
Instrument :
MSVOA_N
ClientSampled :
COMP-1

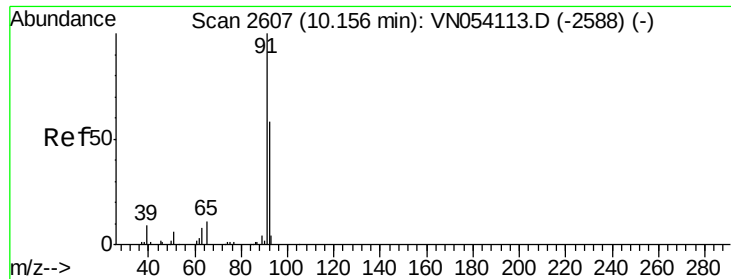
Tgt Ion: 98 Resp: 1321218
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.351 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 43 Resp: 2193
Ion Ratio Lower Upper
43 100
58 34.2 30.8 46.2





#52

Toluene

Concen: 10.066 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

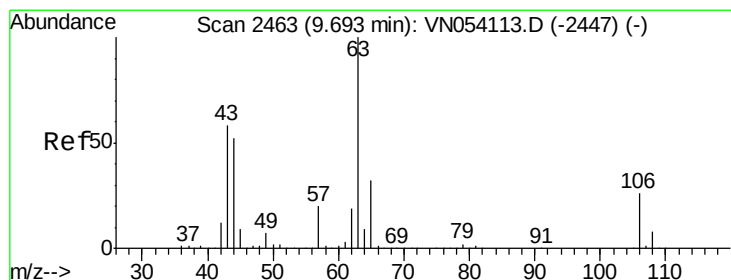
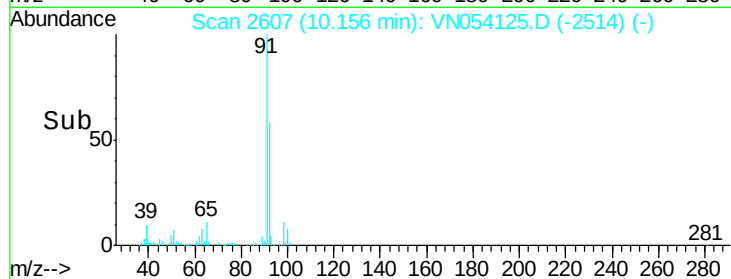
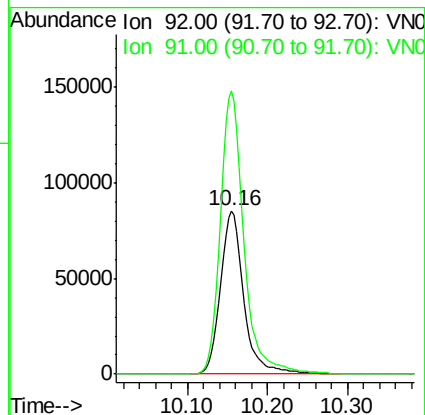
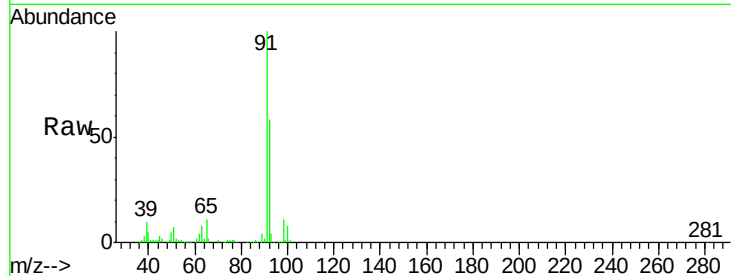
COMP-1

Tgt Ion: 92 Resp: 172704

Ion Ratio Lower Upper

92 100

91 174.6 139.0 208.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.801 ug/l

RT: 9.71 min Scan# 2468

Delta R.T. 0.02 min

Lab File: VN054125.D

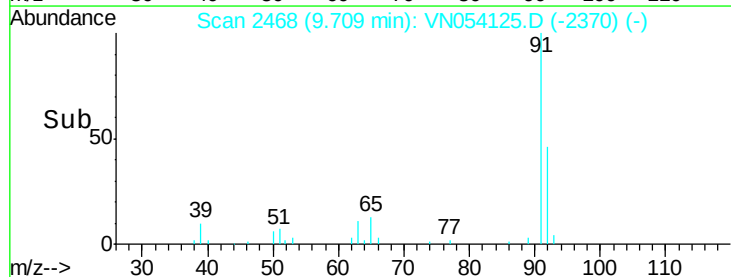
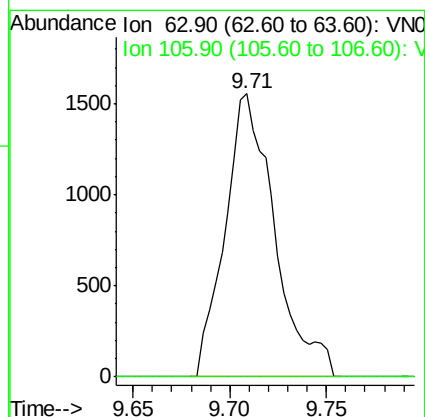
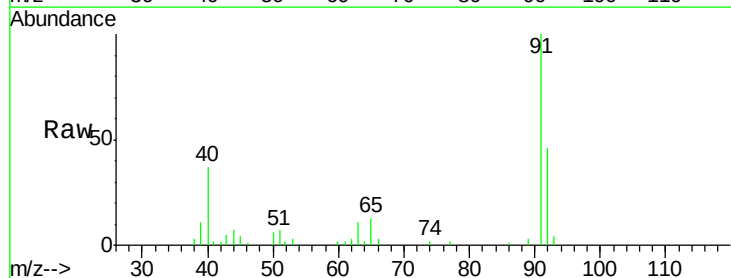
Acq: 6 Mar 2019 19:06

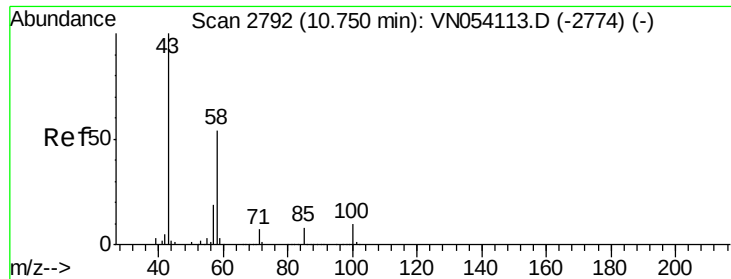
Tgt Ion: 63 Resp: 2779

Ion Ratio Lower Upper

63 100

106 0.0 20.2 30.2#

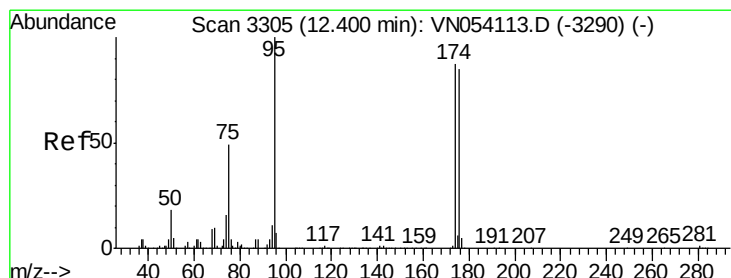
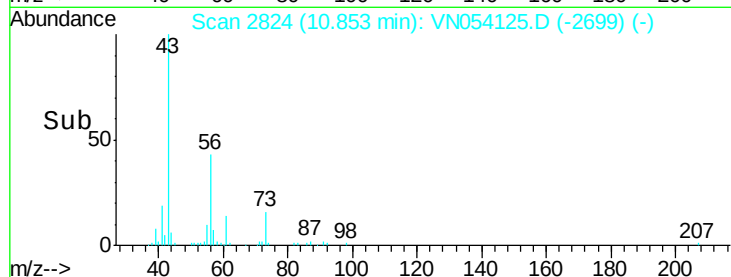
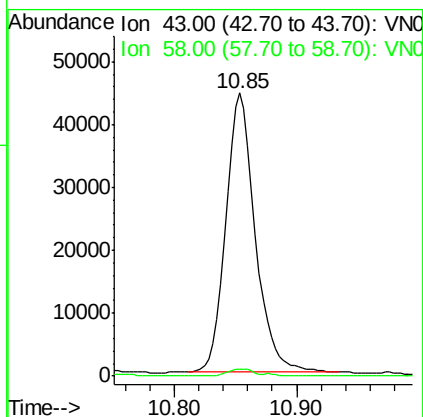
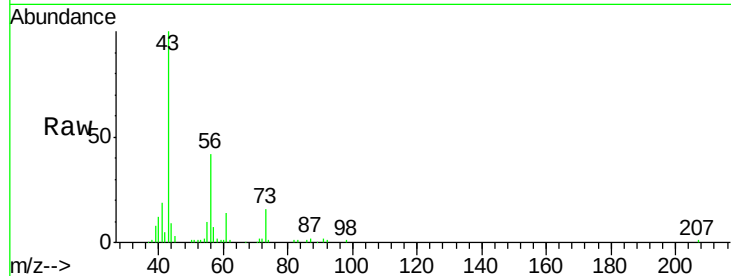




#59
2-Hexanone
Concen: 18.154 ug/l
RT: 10.85 min Scan# 2824
Delta R.T. 0.10 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

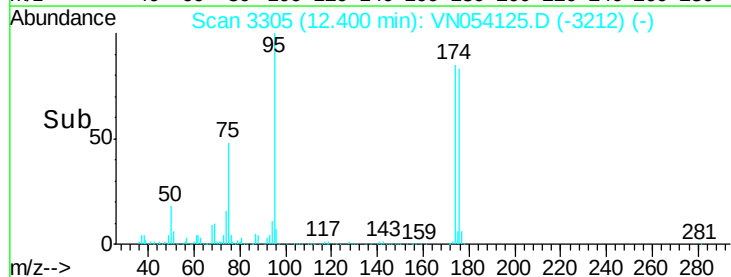
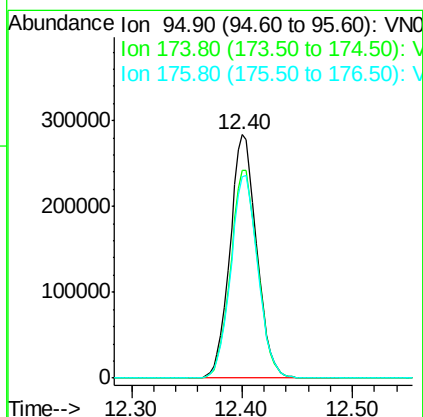
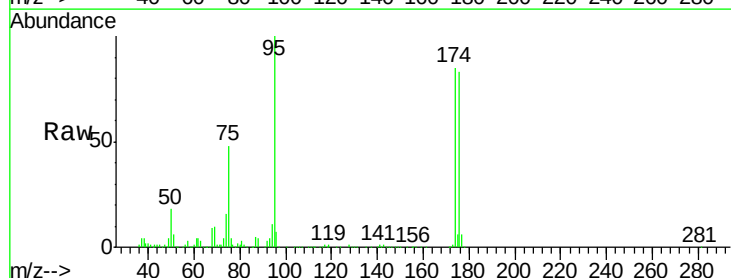
Instrument :
MSVOA_N
ClientSampled :
COMP-1

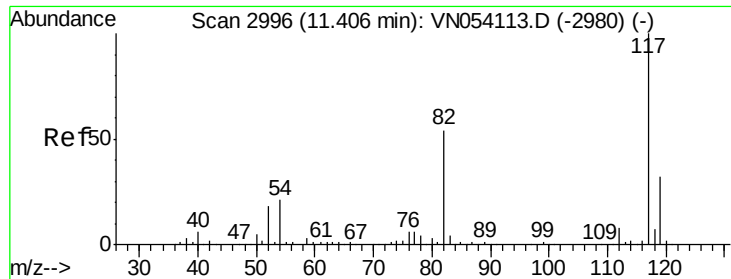
Tgt Ion: 43 Resp: 74838
Ion Ratio Lower Upper
43 100
58 2.6 27.0 81.0#



#62
4-Bromofluorobenzene
Concen: 56.902 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 95 Resp: 476472
Ion Ratio Lower Upper
95 100
174 86.6 0.0 173.2
176 84.4 0.0 168.8

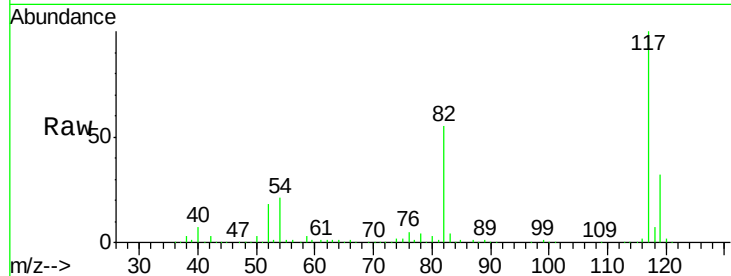




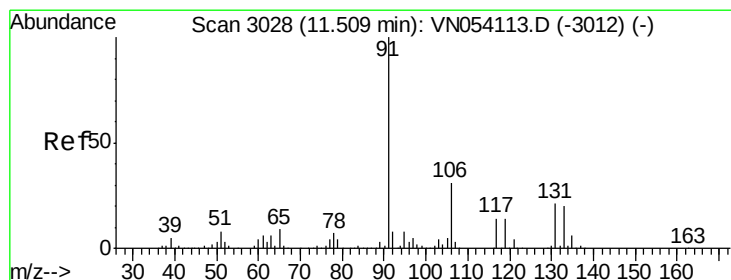
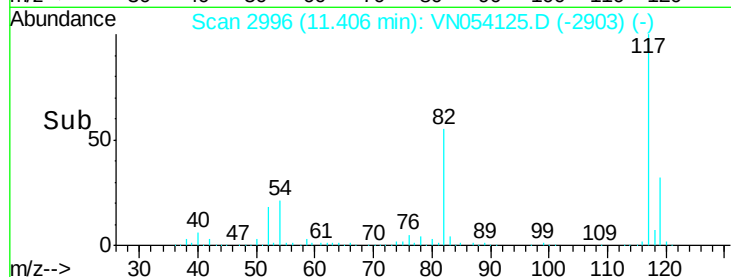
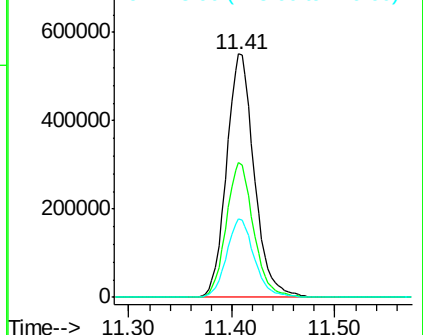
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tgt Ion: 117 Resp: 1030912
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.2
119 32.1 26.0 39.0

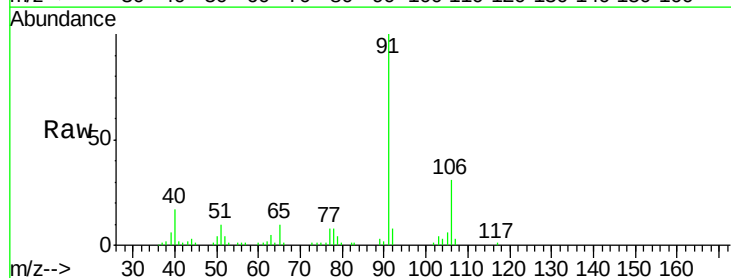


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

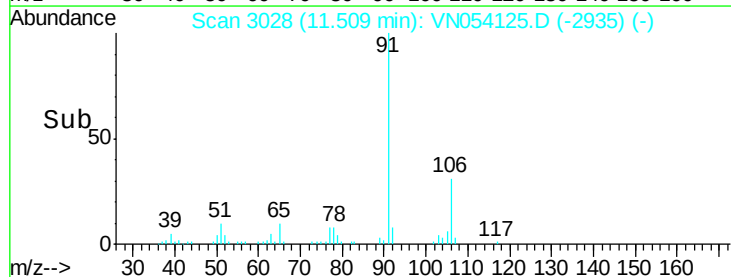
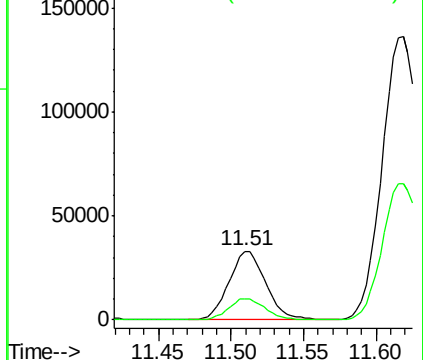


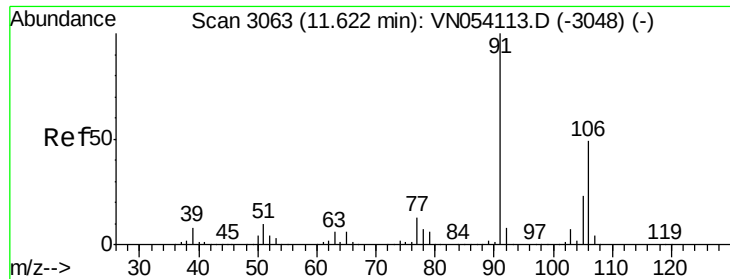
#67
Ethyl Benzene
Concen: 1.631 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 91 Resp: 58535
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

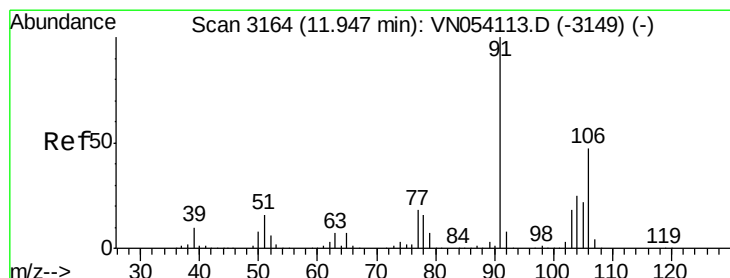
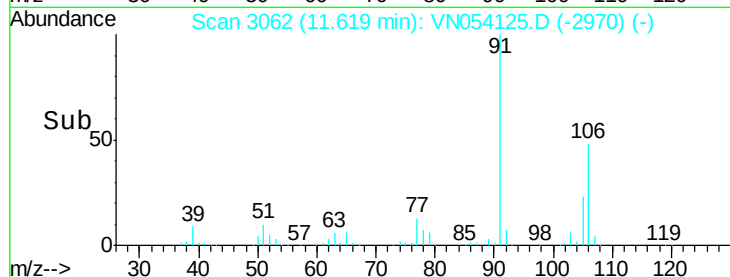
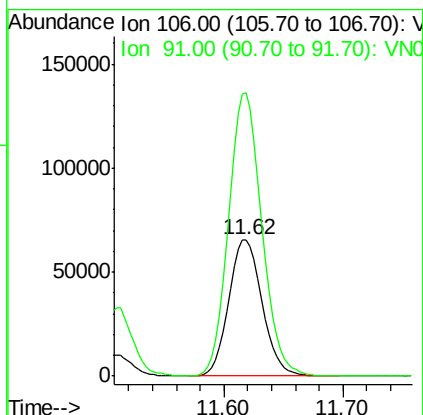
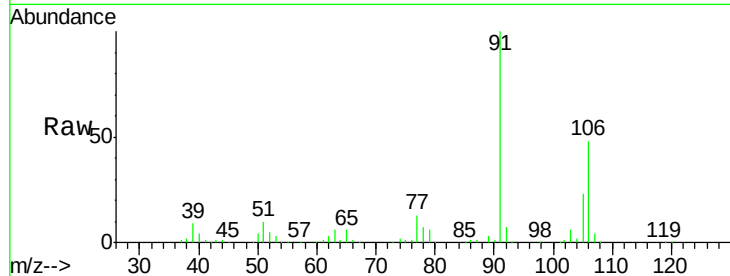




#68
m/p-Xylenes
Concen: 9.407 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

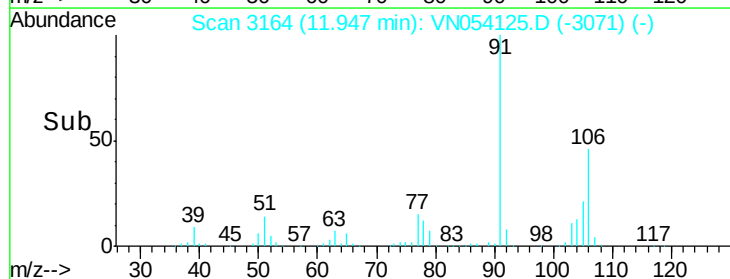
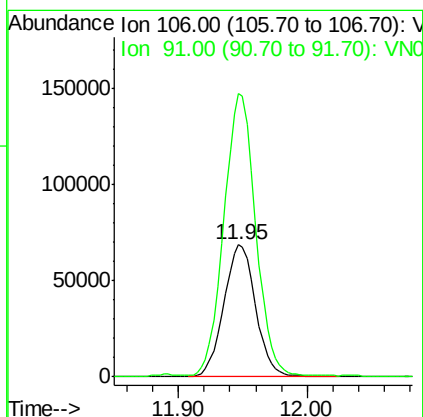
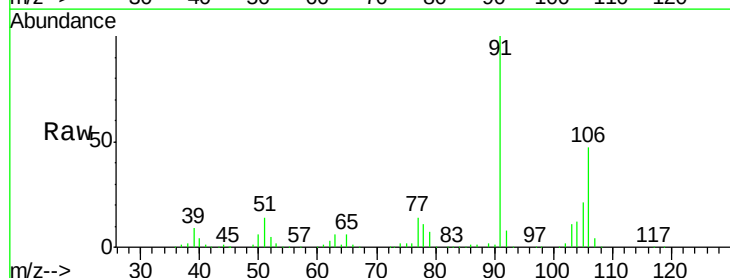
Instrument :
MSVOA_N
ClientSampled :
COMP-1

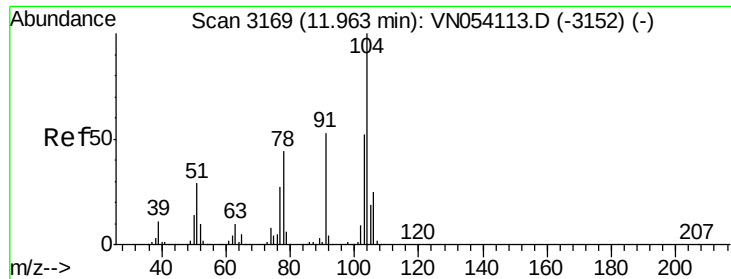
Tgt Ion:106 Resp: 127448
Ion Ratio Lower Upper
106 100
91 205.9 163.2 244.8



#69
o-Xylene
Concen: 8.888 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion:106 Resp: 115867
Ion Ratio Lower Upper
106 100
91 213.8 107.1 321.3





#70

Styrene

Concen: 4.343 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

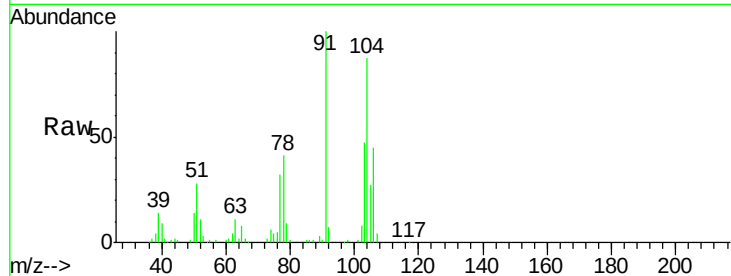
Tgt Ion:104 Resp: 89876

Ion Ratio Lower Upper

104 100

78 56.7 39.4 59.0

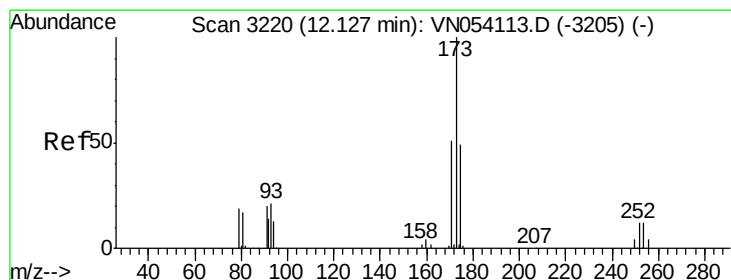
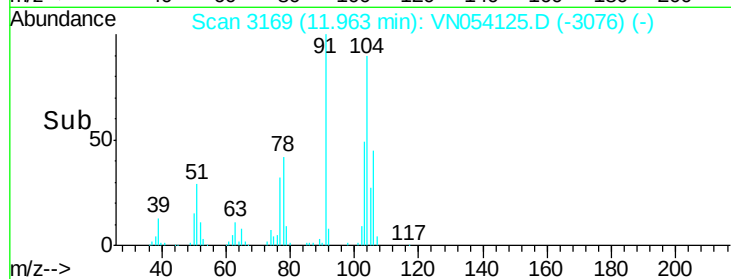
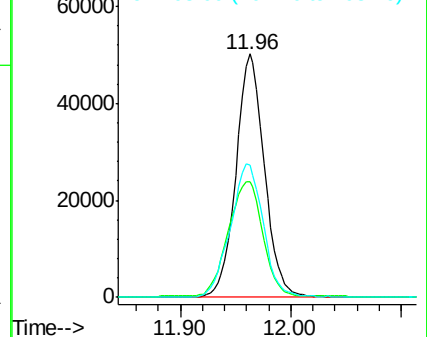
103 63.1 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.692 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

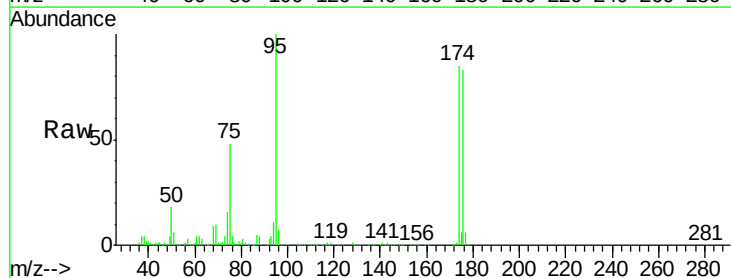
Tgt Ion:173 Resp: 3655

Ion Ratio Lower Upper

173 100

175 714.3 24.1 72.2#

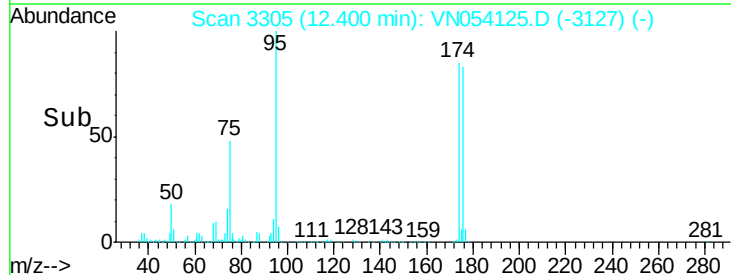
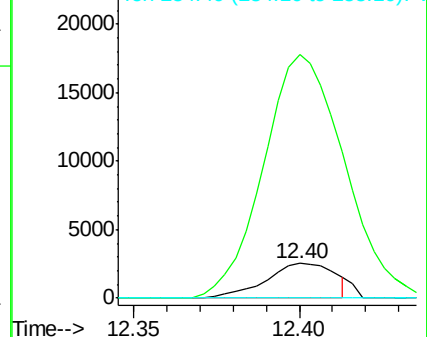
254 0.0 0.0 0.0

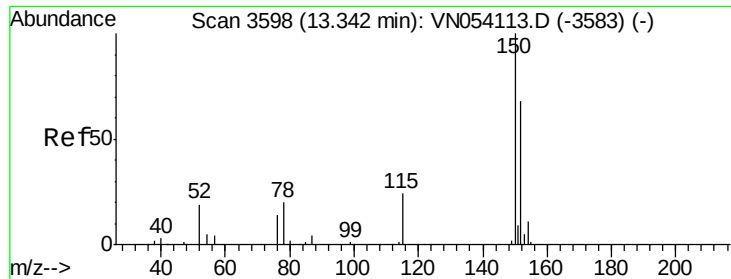


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

COMP-1

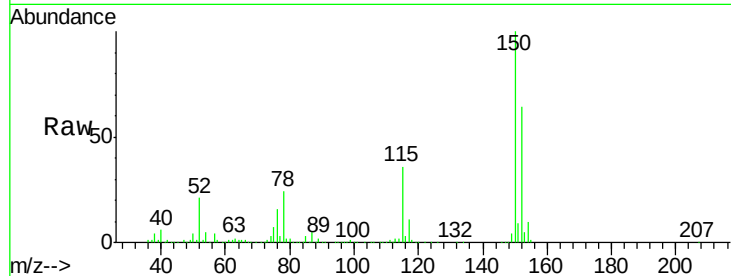
Tgt Ion:152 Resp: 427518

Ion Ratio Lower Upper

152 100

115 58.5 28.5 85.6

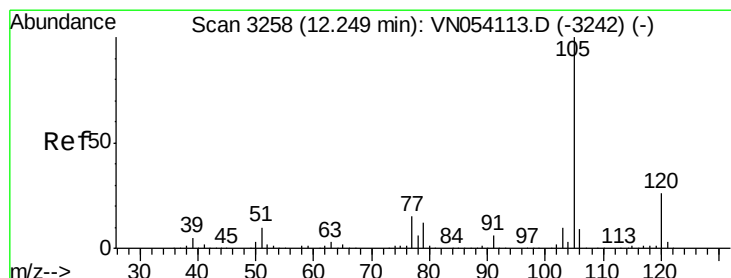
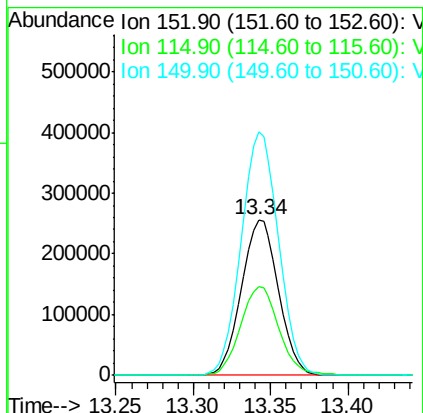
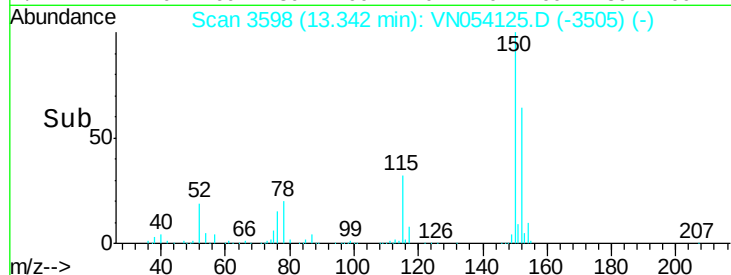
150 156.9 0.0 343.2



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



#73

Isopropylbenzene

Concen: 0.781 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN054125.D

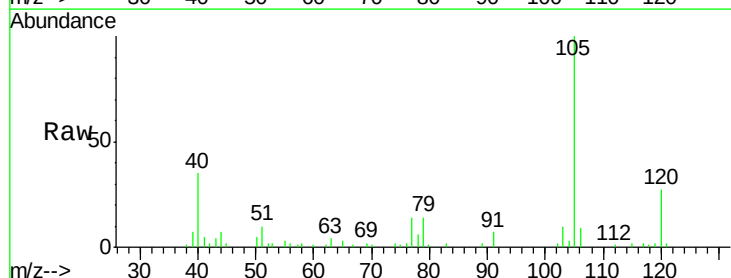
Acq: 6 Mar 2019 19:06

Tgt Ion:105 Resp: 26578

Ion Ratio Lower Upper

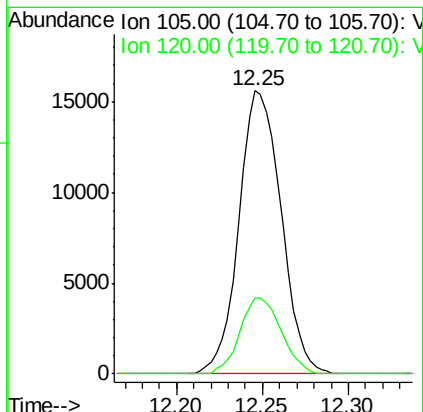
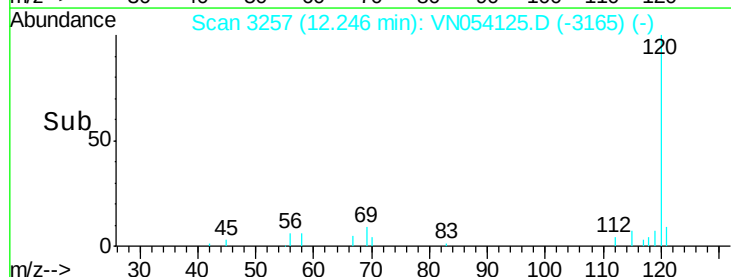
105 100

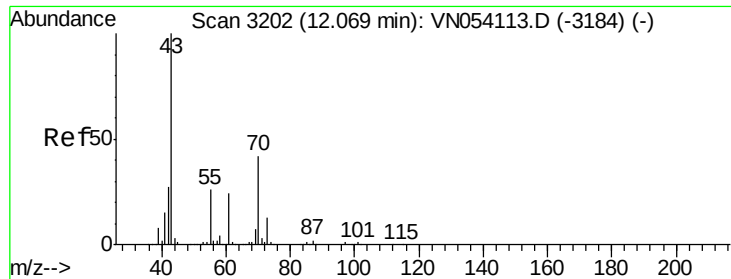
120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 1.517 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

COMP-1

Tgt Ion: 43 Resp: 13664

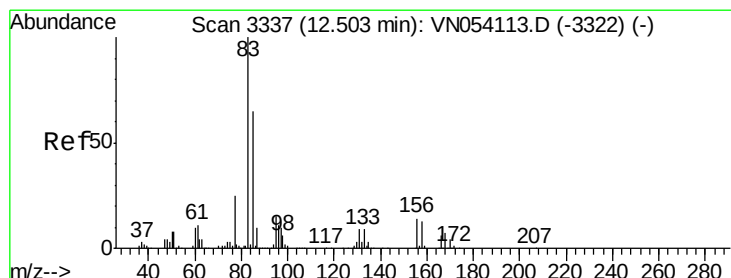
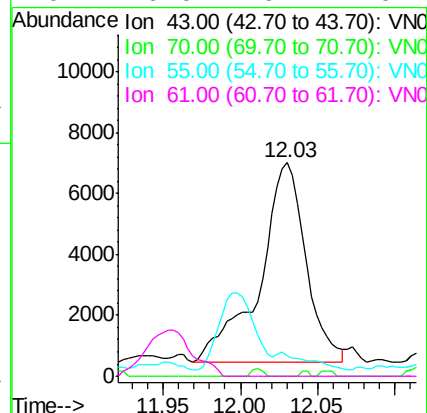
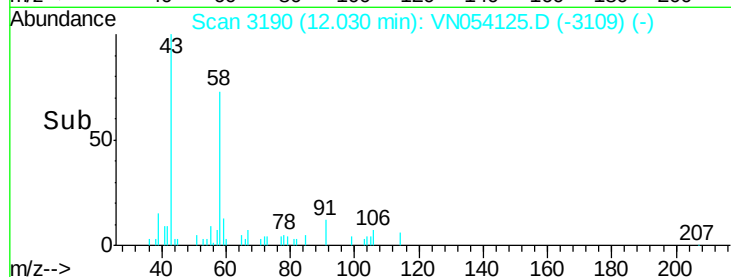
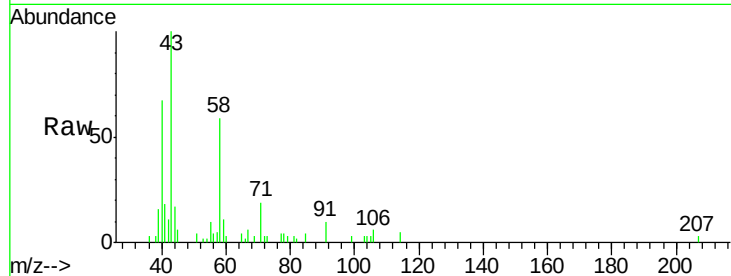
Ion Ratio Lower Upper

43 100

70 0.4 33.6 50.4#

55 0.0 20.6 31.0#

61 0.0 19.4 29.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3341

Delta R.T. 0.01 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

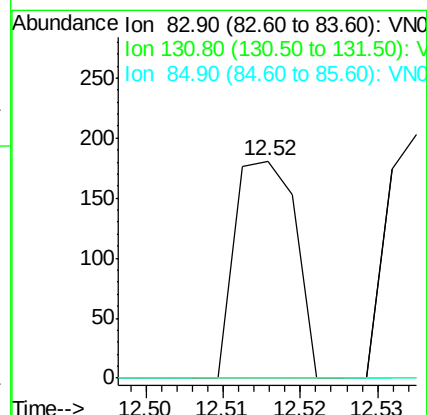
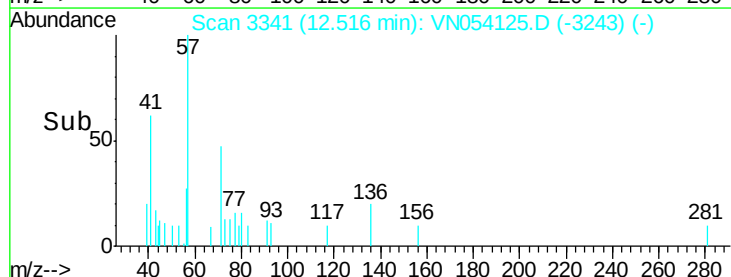
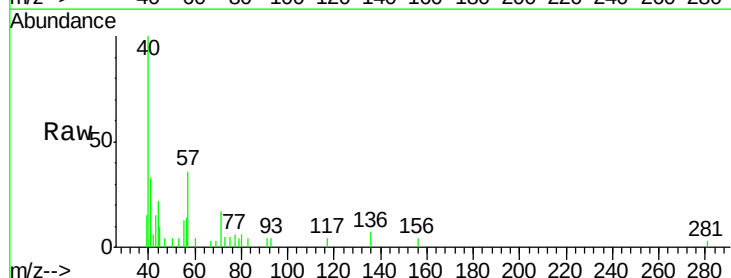
Tgt Ion: 83 Resp: 98

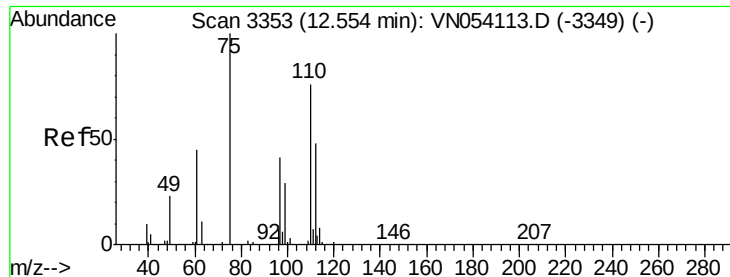
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 31.583 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

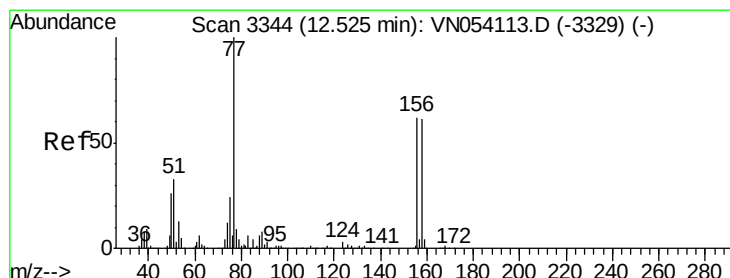
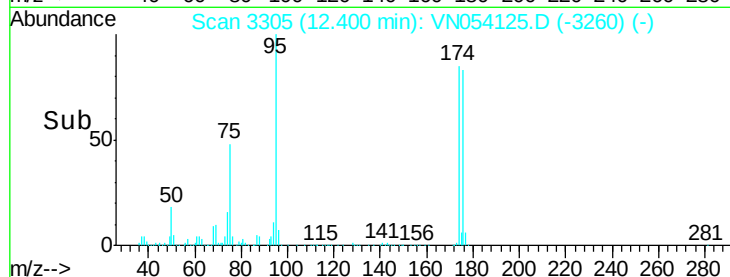
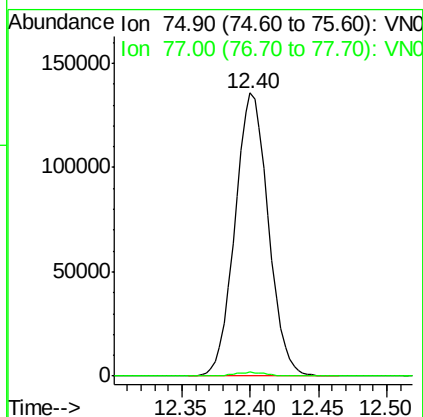
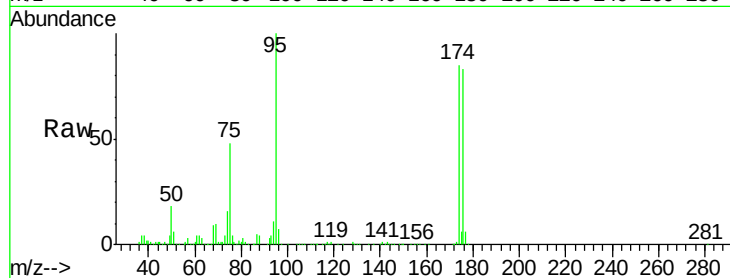
COMP-1

Tgt Ion: 75 Resp: 230107

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

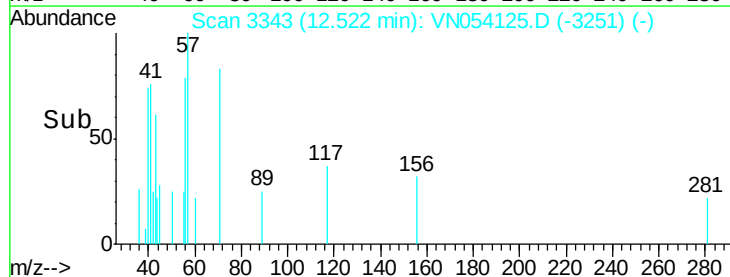
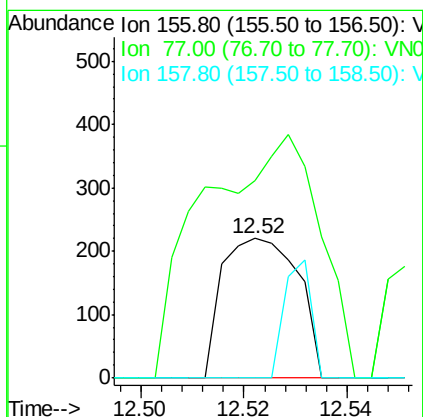
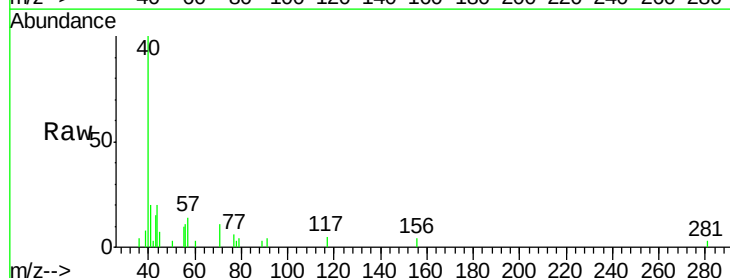
Tgt Ion: 156 Resp: 224

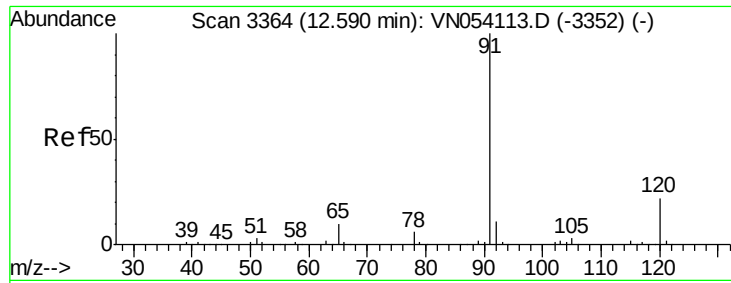
Ion Ratio Lower Upper

156 100

77 0.0 93.6 280.8#

158 29.9 48.4 145.0#

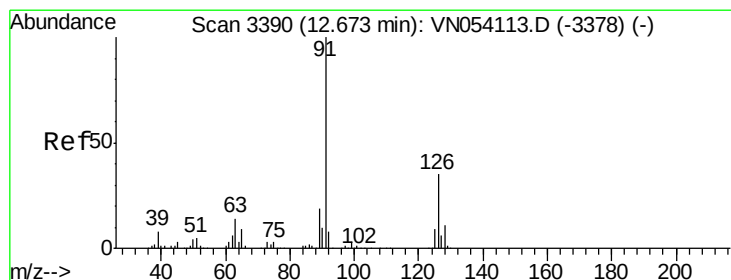
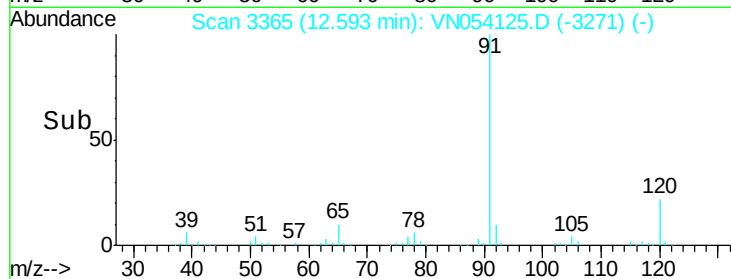
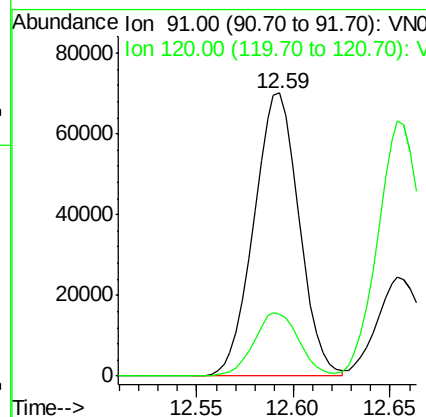
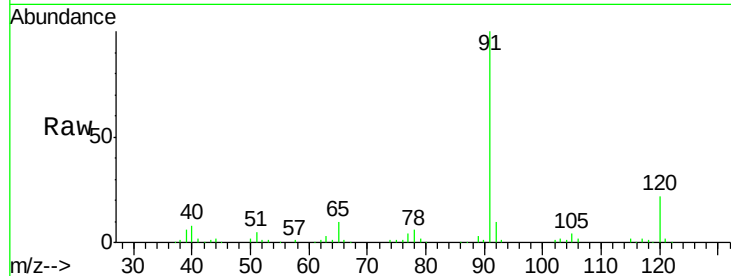




#78
n-propylbenzene
Concen: 2.986 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

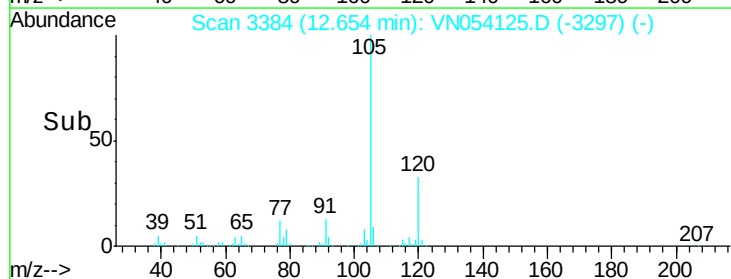
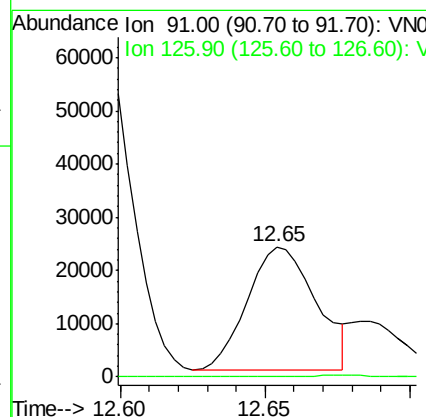
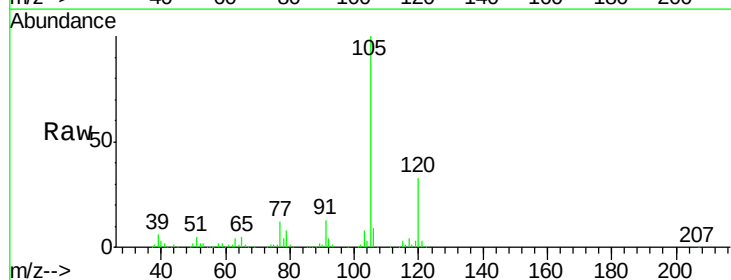
Instrument :
MSVOA_N
ClientSampled :
COMP-1

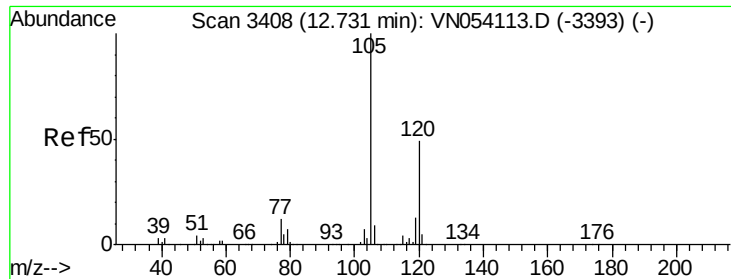
Tgt Ion: 91 Resp: 114307
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9



#79
2-Chlorotoluene
Concen: 1.647 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion: 91 Resp: 38293
Ion Ratio Lower Upper
91 100
126 1.0 17.4 52.2#

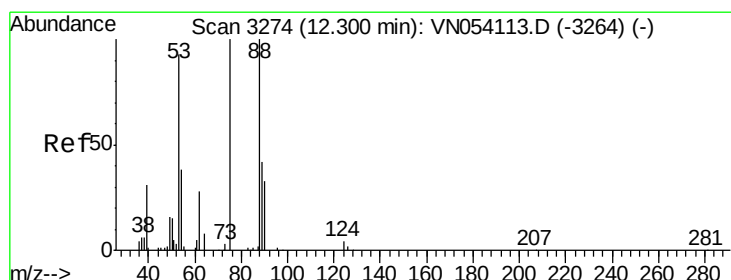
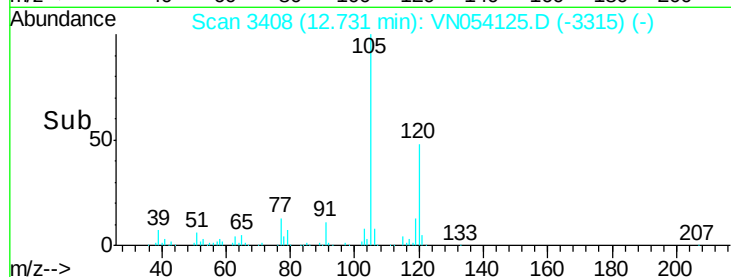
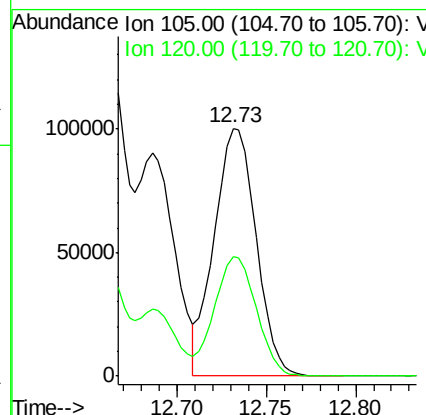
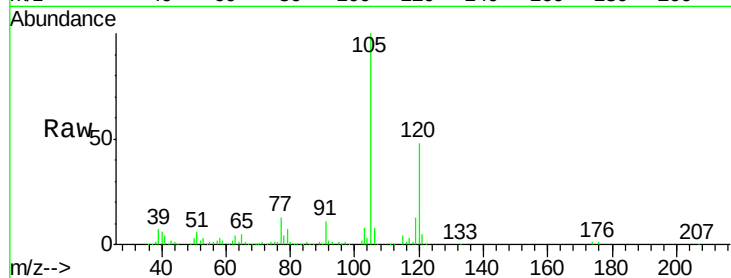




#80
 1,3,5-Trimethylbenzene
 Concen: 5.903 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

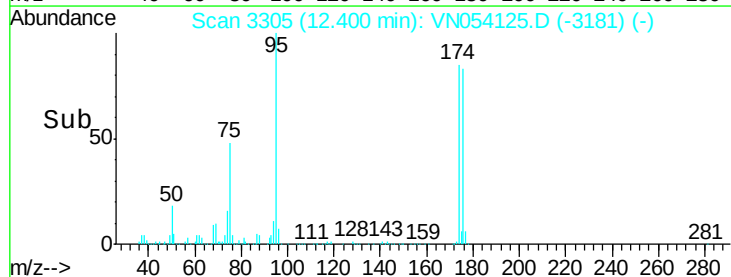
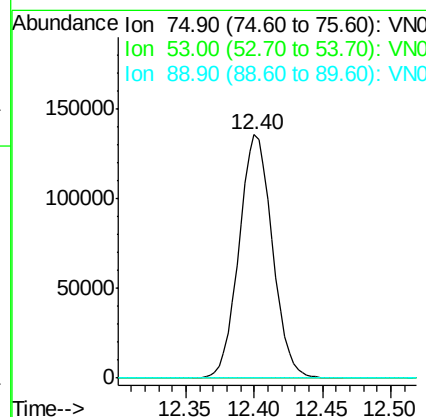
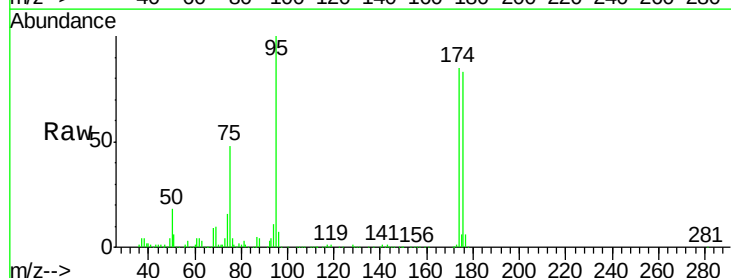
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

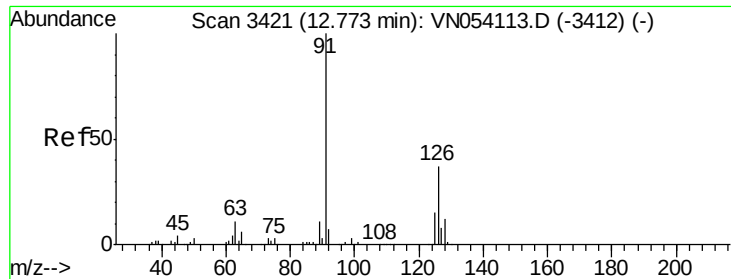
Tgt Ion: 105 Resp: 163245
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.460 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

Tgt Ion: 75 Resp: 230107
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.4 114.6#
 89 0.0 35.3 52.9#





#82

4-Chlorotoluene

Concen: 0.614 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

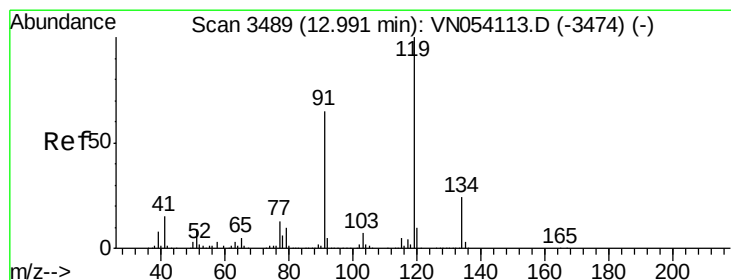
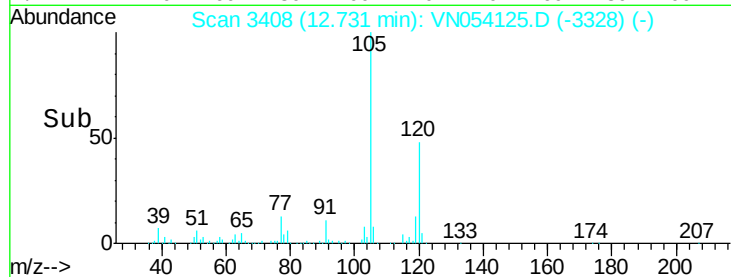
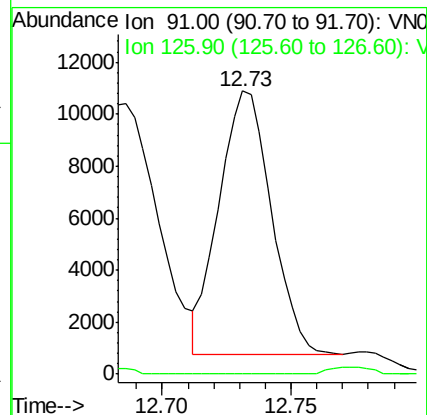
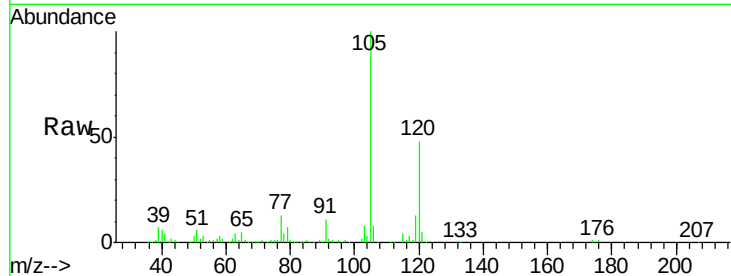
COMP-1

Tgt Ion: 91 Resp: 14225

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.3#



#83

tert-Butylbenzene

Concen: 3.270 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

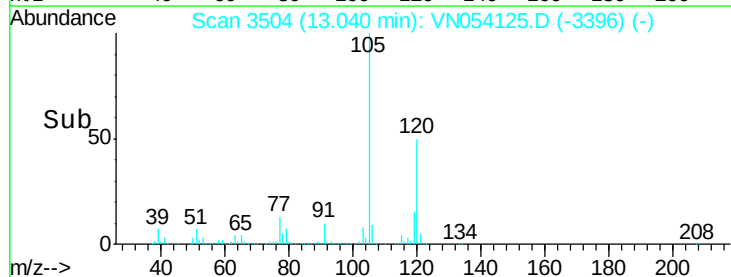
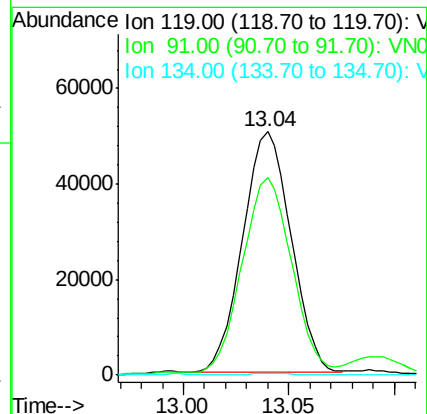
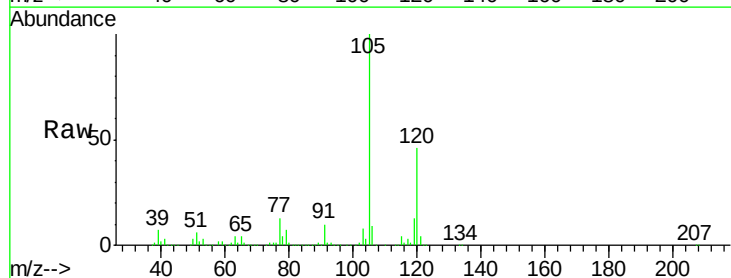
Tgt Ion: 119 Resp: 80090

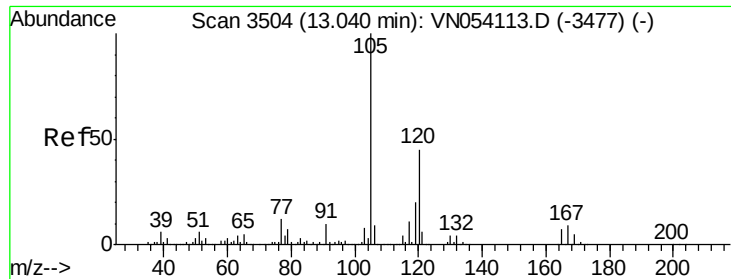
Ion Ratio Lower Upper

119 100

91 82.7 31.8 95.3

134 0.6 12.8 38.3#

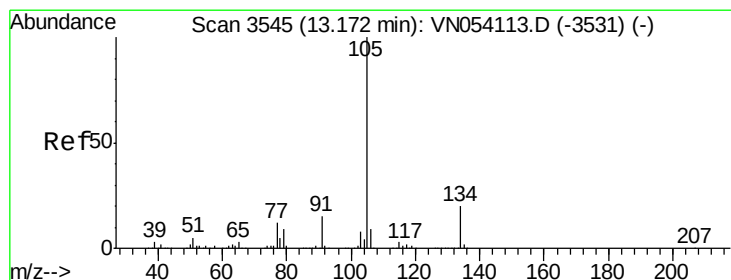
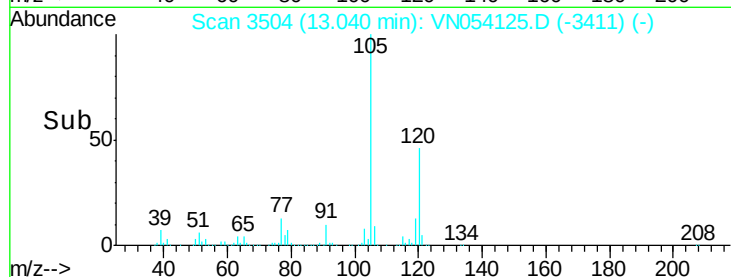
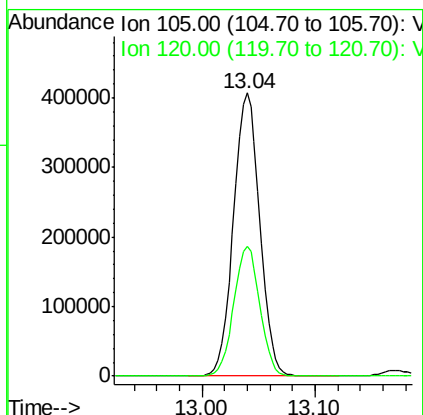
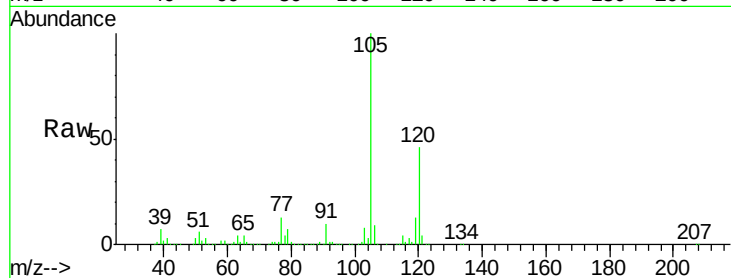




#84
1,2,4-Trimethylbenzene
Concen: 23.924 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

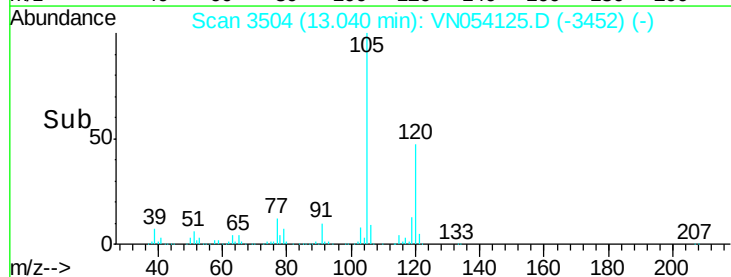
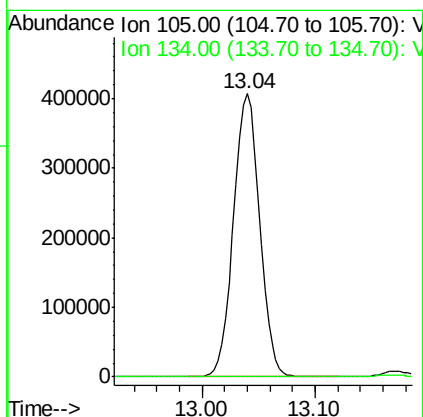
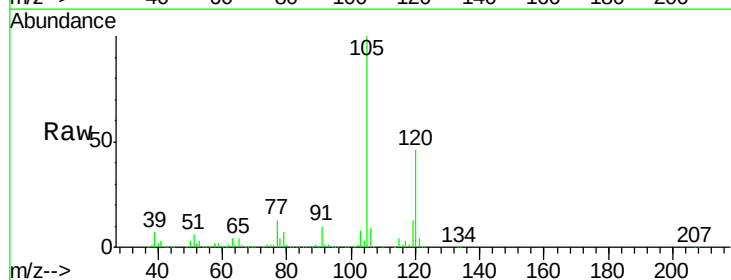
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

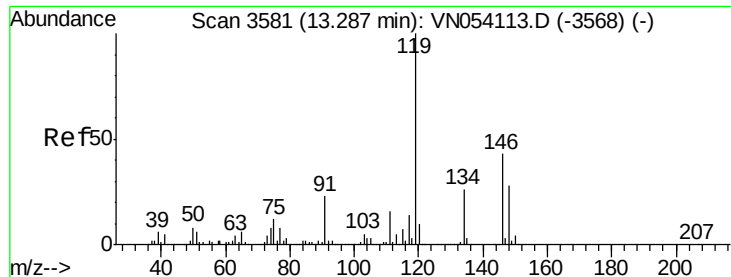
Tgt Ion:105 Resp: 656621
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7



#85
sec-Butylbenzene
Concen: 19.758 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.13 min
Lab File: VN054125.D
Acq: 6 Mar 2019 19:06

Tgt Ion:105 Resp: 656621
Ion Ratio Lower Upper
105 100
134 0.1 9.8 29.5#

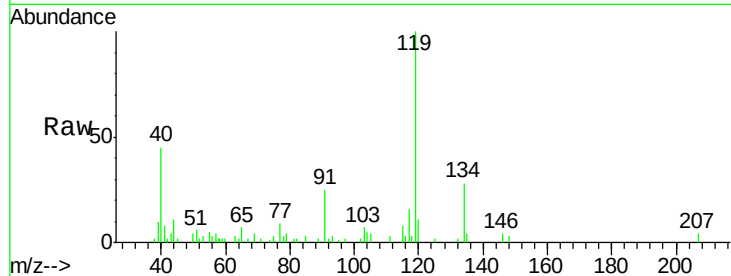




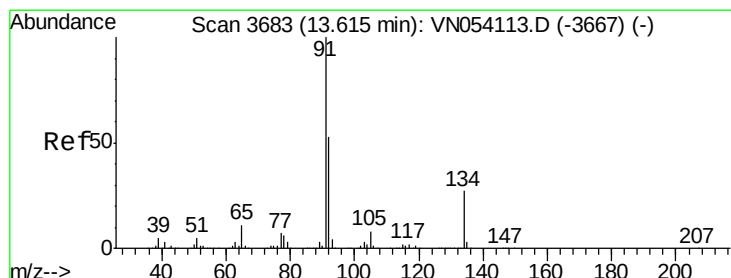
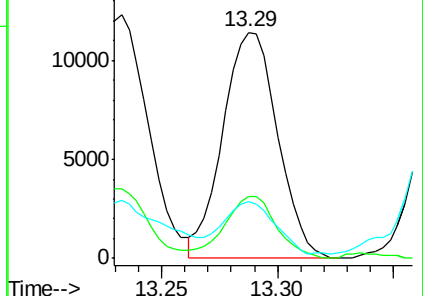
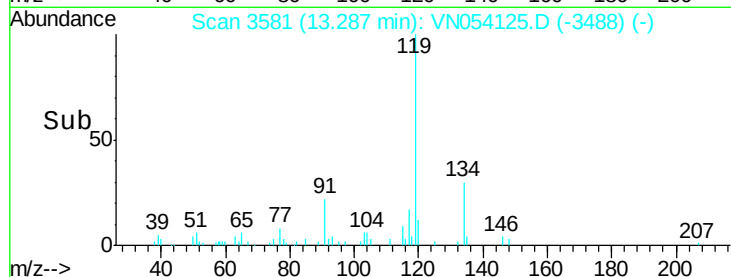
#86
 p-Isopropyltoluene
 Concen: 0.671 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

Tgt Ion: 119 Resp: 18744
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 21.3 11.4 34.2

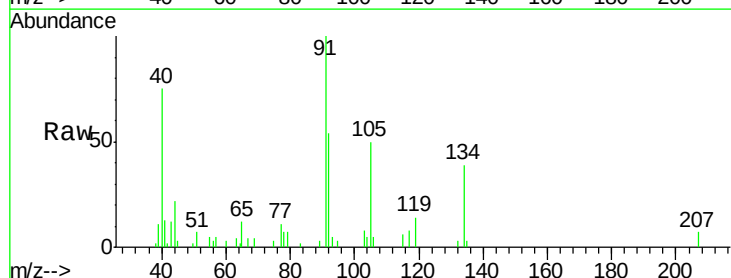


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

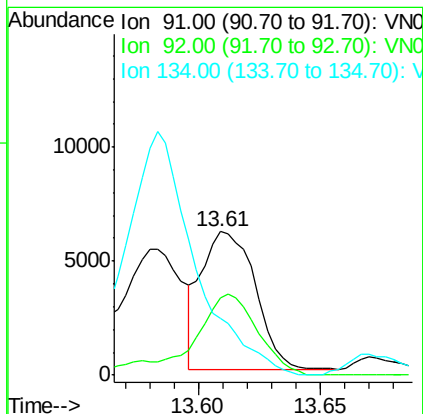
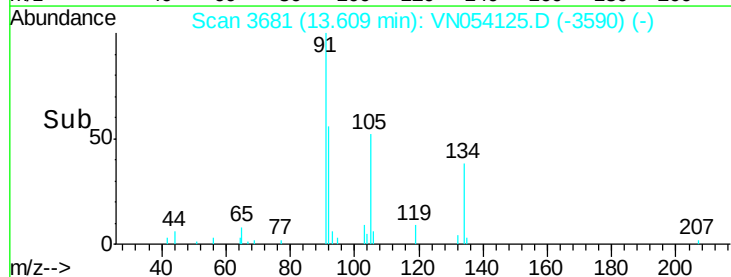


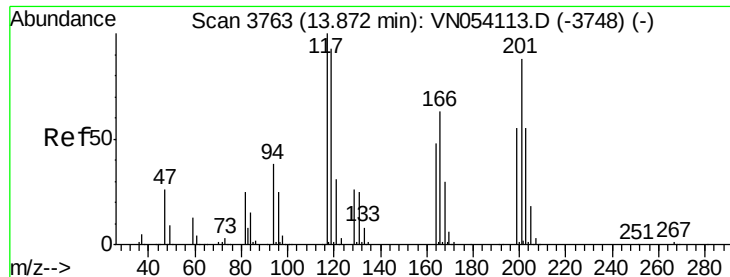
#89
 n-Butylbenzene
 Concen: 0.390 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

Tgt Ion: 91 Resp: 9198
 Ion Ratio Lower Upper
 91 100
 92 72.0 26.0 78.0
 134 0.0 13.1 39.1#



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.861 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

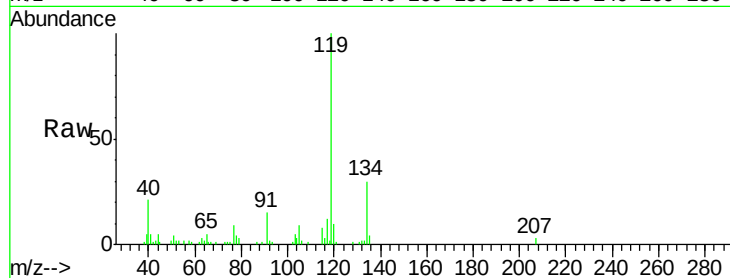
COMP-1

Tgt Ion:117 Resp: 4612

Ion Ratio Lower Upper

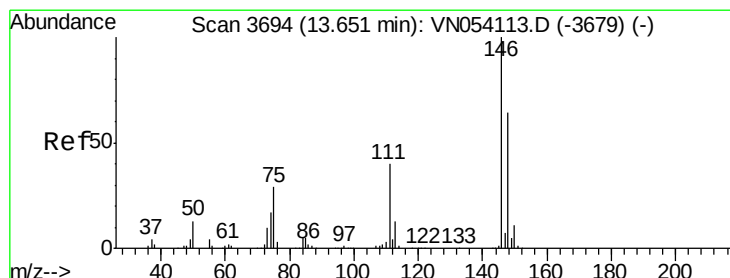
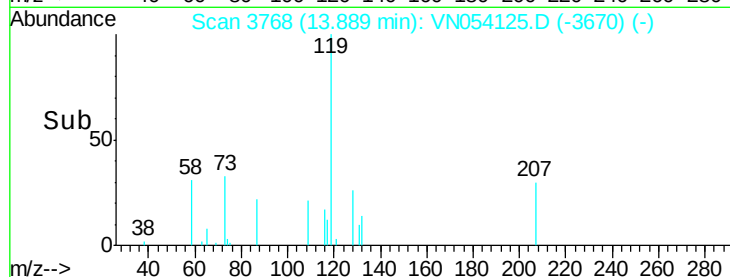
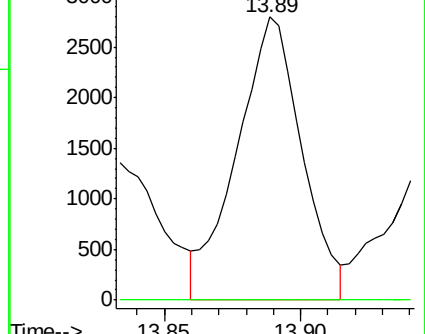
117 100

201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

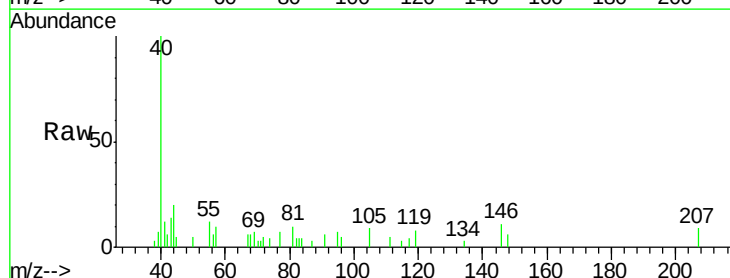
Tgt Ion:146 Resp: 860

Ion Ratio Lower Upper

146 100

111 19.3 20.0 60.0#

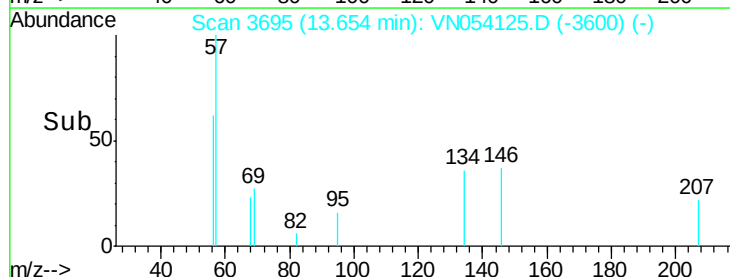
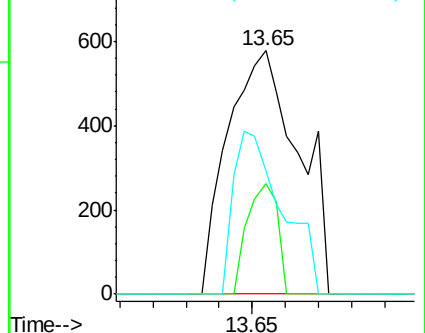
148 46.3 32.3 96.9

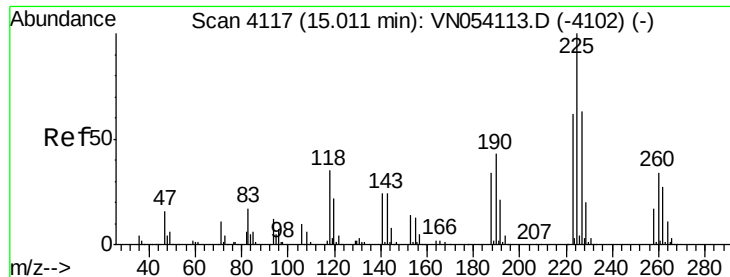


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

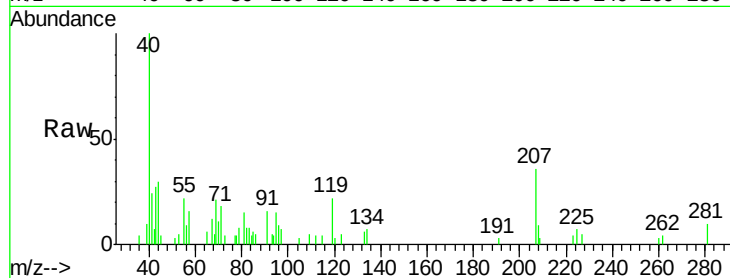
Tgt Ion:225 Resp: 380

Ion Ratio Lower Upper

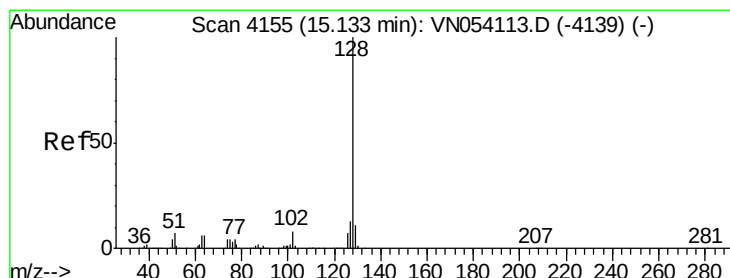
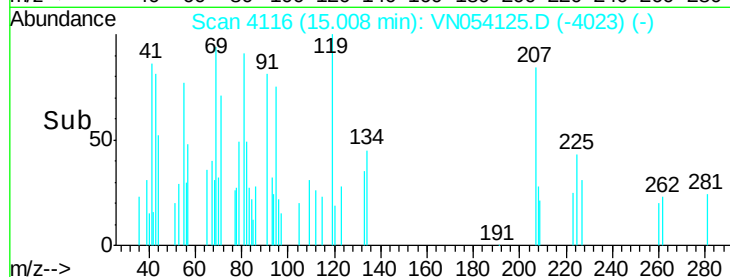
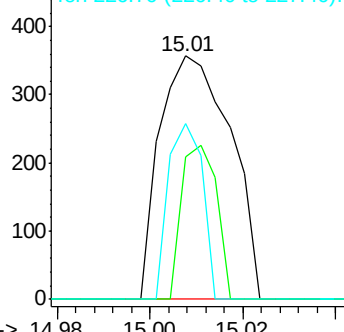
225 100

223 31.1 31.2 93.6#

227 34.5 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 9.808 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054125.D

Acq: 6 Mar 2019 19:06

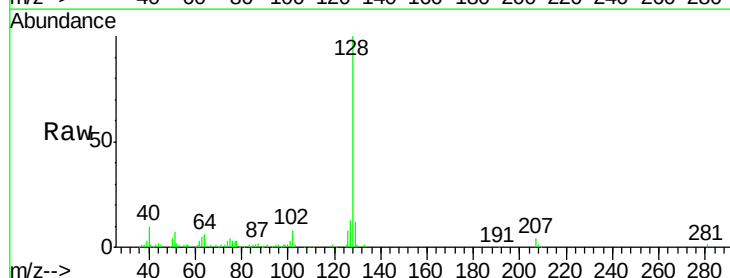
Tgt Ion:128 Resp: 92010

Ion Ratio Lower Upper

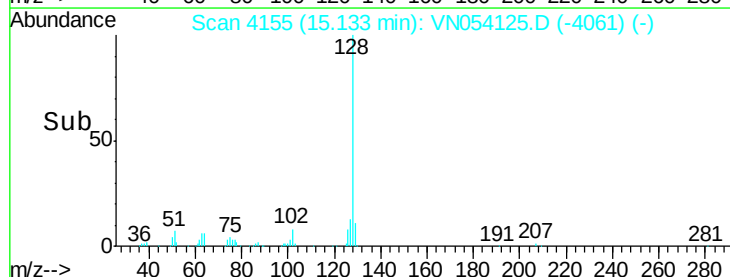
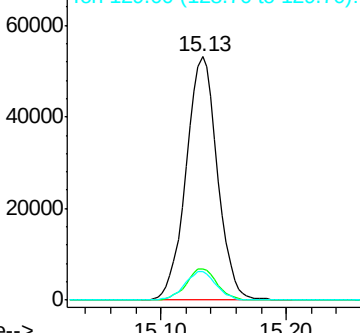
128 100

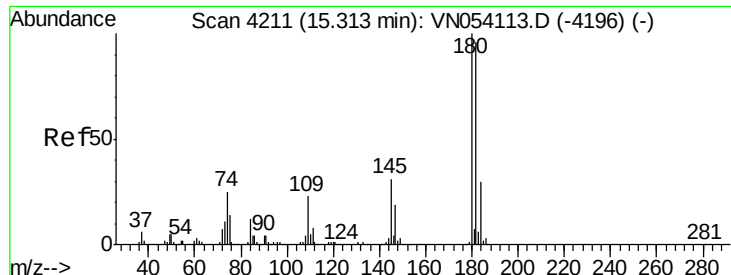
127 12.7 10.4 15.6

129 11.8 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





#96
 1,2,3-Trichlorobenzene
 Concen: 2.593 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN054125.D
 Acq: 6 Mar 2019 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Tgt Ion:180 Resp: 1287
 Ion Ratio Lower Upper
 180 100
 182 110.9 47.9 143.7
 145 13.9 14.9 44.5#

