

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052173.D
 Acq On : 6 Nov 2018 3:01
 Operator : MD\SY
 Sample : J5805-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(16-20)

Quant Time: Nov 06 05:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	308780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	560013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	236197	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	243059	66.39	ug/l	0.00
Spiked Amount			Recovery	=	132.78%	
35) Dibromofluoromethane	7.59	113	213160	61.31	ug/l	0.00
Spiked Amount			Recovery	=	122.62%	
50) Toluene-d8	10.09	98	834308	62.06	ug/l	0.00
Spiked Amount			Recovery	=	124.12%	
62) 4-Bromofluorobenzene	12.40	95	285616	64.73	ug/l	0.00
Spiked Amount			Recovery	=	129.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	63	0.396	ug/l #	1
13) Acrolein	3.68	56	33	32.175	ug/l #	76
16) Acetone	3.82	43	19336	23.309	ug/l	91
18) Methyl Acetate	4.32	43	1231	0.467	ug/l #	51
20) Methylene Chloride	4.56	84	23743	6.888	ug/l	92
29) Tetrahydrofuran	7.22	42	565	0.710	ug/l	92
30) Chloroform	7.37	83	2809	0.476	ug/l #	83
31) Cyclohexane	7.67	56	7735	Below Cal	#	5
36) 1,1-Dichloropropene	7.66	75	24411	4.927	ug/l #	51
37) Ethyl Acetate	6.94	43	159	Below Cal	#	36
38) Carbon Tetrachloride	7.67	117	33793	6.823	ug/l #	17
41) Methacrylonitrile	7.17	41	187	1.501	ug/l #	1
43) Isopropyl Acetate	8.17	43	171174	30.282	ug/l #	86
47) Bromodichloromethane	9.41	83	1527	0.319	ug/l #	92
48) Methyl methacrylate	9.18	41	4953	1.821	ug/l #	16
49) 1,4-Dioxane	9.08	88	35	Below Cal	#	21
51) 4-Methyl-2-Pentanone	9.98	43	1872	0.627	ug/l #	72
52) Toluene	10.15	92	2147	0.244	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	1525	0.278	ug/l #	48
56) Ethyl methacrylate	10.22	69	1222	0.303	ug/l #	45
59) 2-Hexanone	10.77	43	9484	4.562	ug/l #	52
67) Ethyl Benzene	11.51	91	9239	0.500	ug/l	89
68) m/p-Xylenes	11.61	106	9547	1.339	ug/l	98
69) o-Xylene	11.95	106	3065	0.443	ug/l	100
71) Bromoform	12.38	173	393	2.944	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	146930	39.528	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3929	0.272	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	146930	141.536	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.04	105	8913	0.619	ug/l	93
93) 1,2,4-Trichlorobenzene	14.91	180	64	2.255	ug/l #	80
94) Hexachlorobutadiene	15.13	225	33	Below Cal	#	18
95) Naphthalene	15.13	128	22707	3.139	ug/l	97

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QLast Update : Mon Nov 05 22:32:25 2018
Response via : Initial Calibration

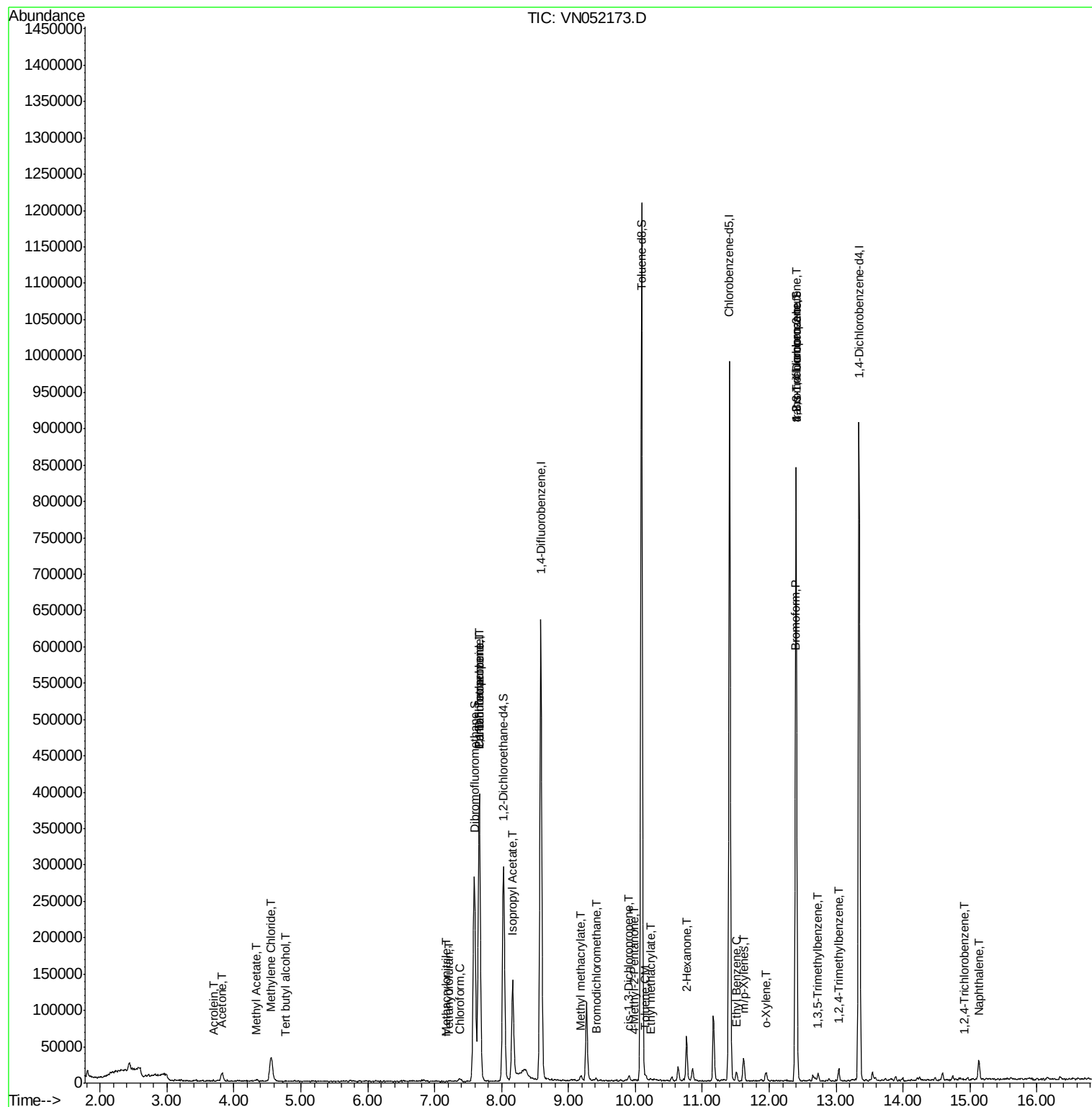
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

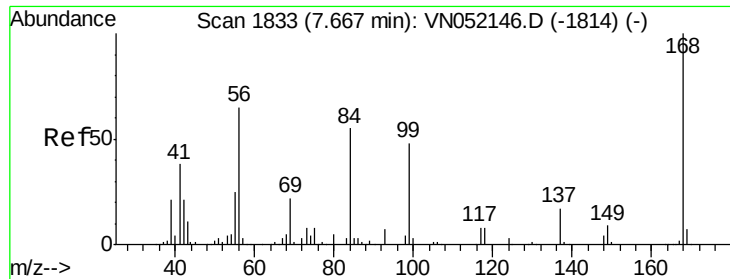
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

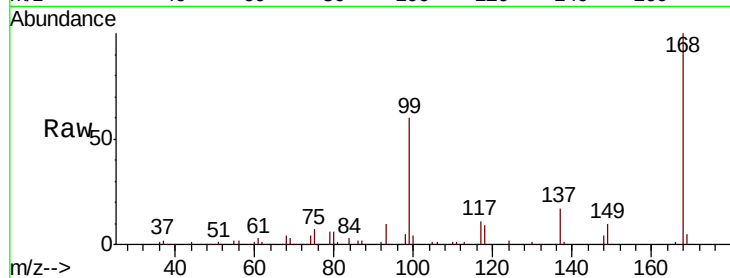
COMP-SAMPLES(16-20)

Tot Ion:168 Resp: 308780

Ion Ratio Lower Upper

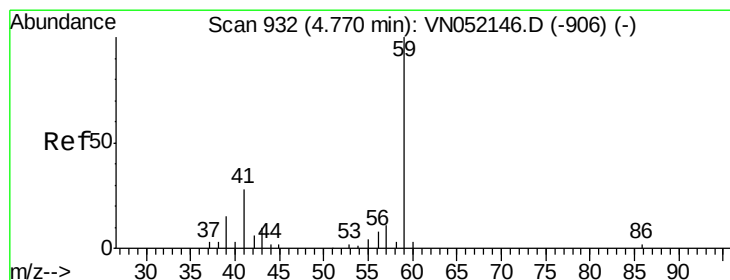
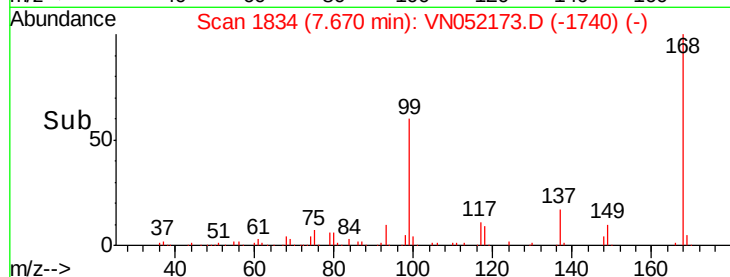
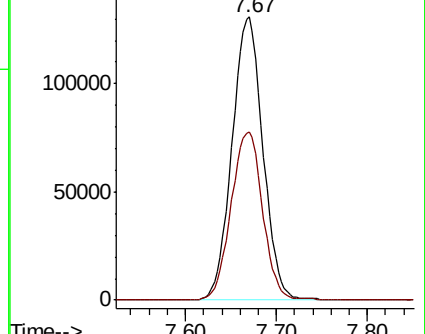
168 100

99 59.6 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VN052146.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052146.D (-1814) (-)



#11

Tert butyl alcohol

Concen: 0.396 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.02 min

Lab File: VN052173.D

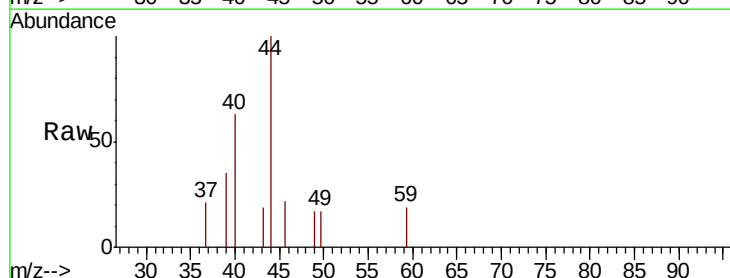
Acq: 6 Nov 2018 3:01

Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

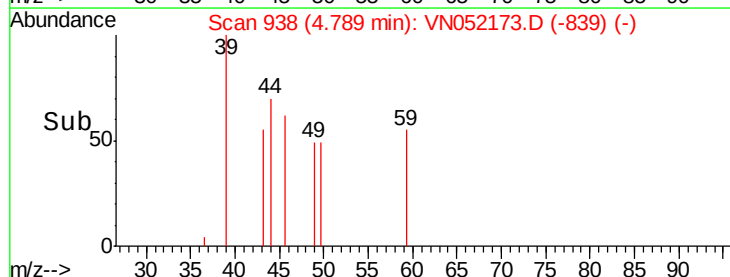
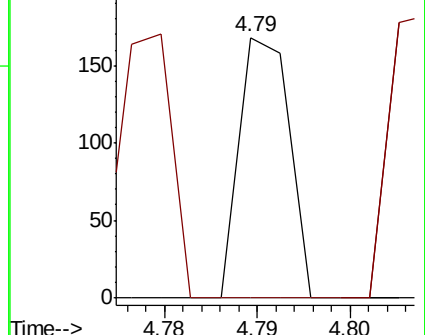
59 100

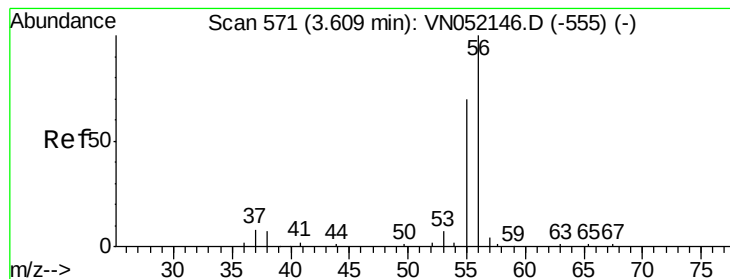
57 101.6 5.7 8.5#



Abundance Ion 59.00 (58.70 to 59.70): VN052146.D (-906) (-)

Ion 57.00 (56.70 to 57.70): VN052146.D (-906) (-)





#13

Acrolein

Concen: 32.175 ug/l

RT: 3.68 min Scan# 594

Delta R.T. 0.07 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

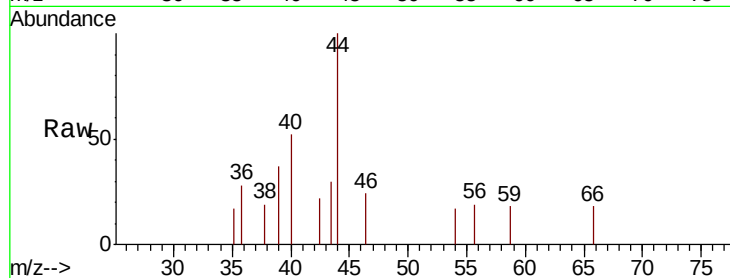
COMP-SAMPLES(16-20)

Tot Ion: 56 Resp: 33

Ion Ratio Lower Upper

56 100

55 90.9 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.68

150

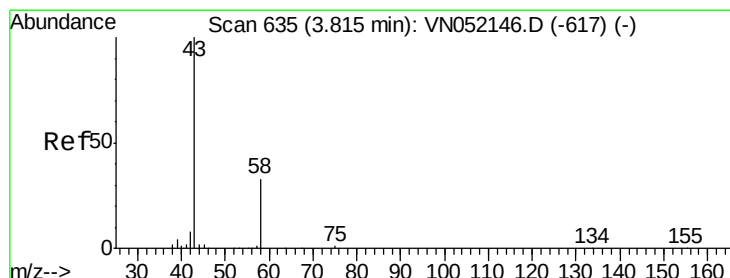
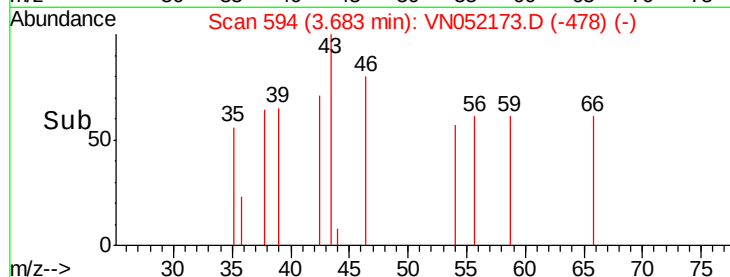
100

50

0

3.67 3.68 3.69 3.69

Time-->



#16

Acetone

Concen: 23.309 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052173.D

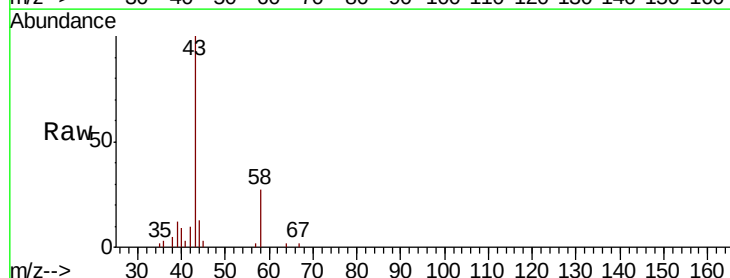
Acq: 6 Nov 2018 3:01

Tgt Ion: 43 Resp: 19336

Ion Ratio Lower Upper

43 100

58 27.4 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

6000

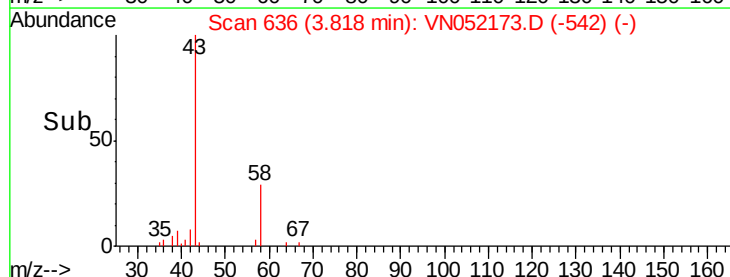
4000

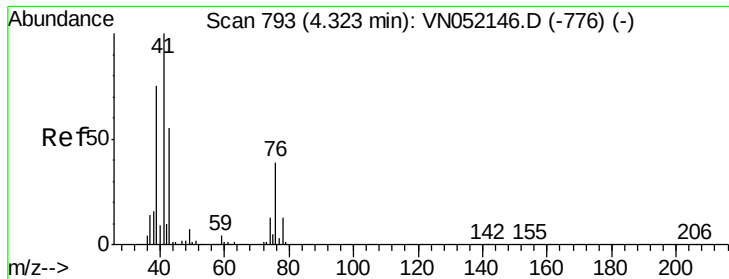
2000

0

3.75 3.80 3.85 3.90

Time-->

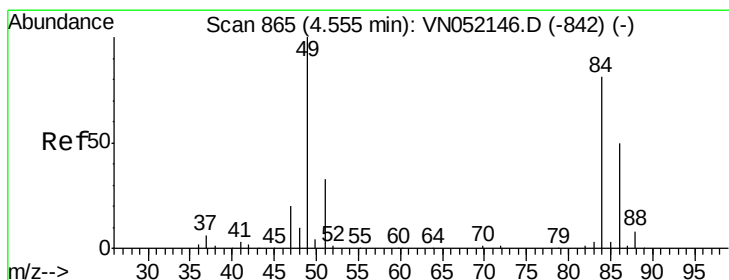
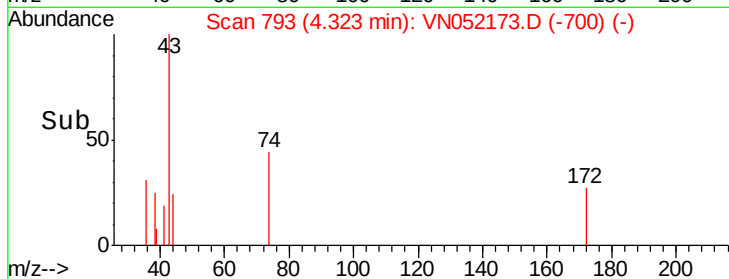
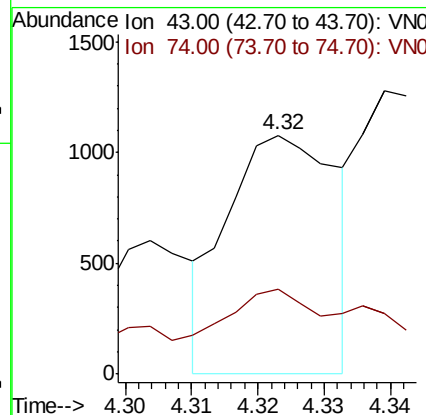
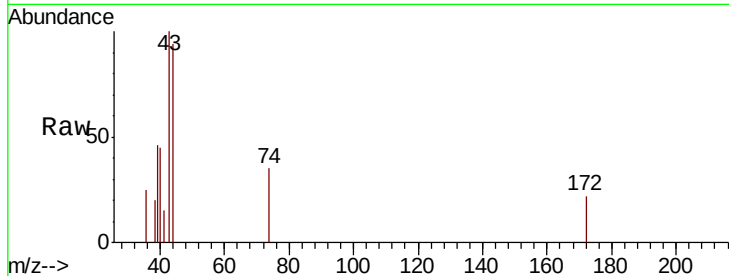




#18
Methvl Acetate
Concen: 0.467 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

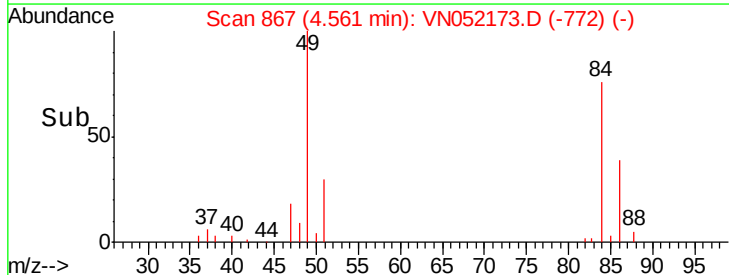
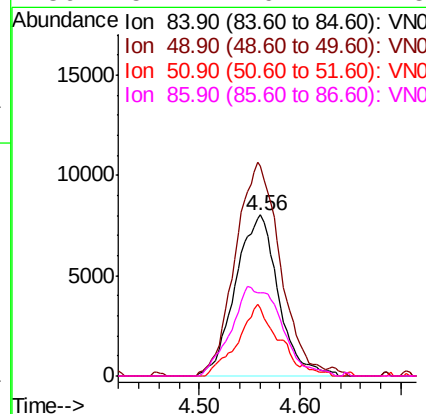
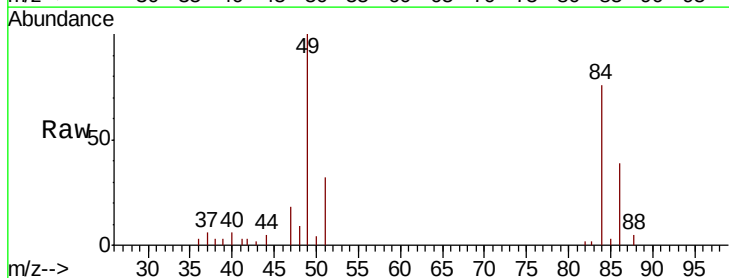
Instrument :
MSVOA_N
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COMP-SAMPLES(16-20)

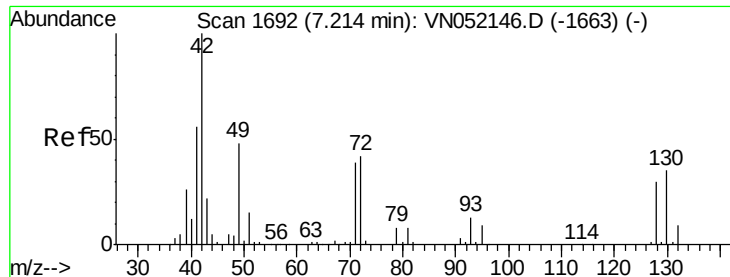
Tot Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
74 48.1 19.3 28.9#



#20
Methylene Chloride
Concen: 6.888 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion: 84 Resp: 23743
Ion Ratio Lower Upper
84 100
49 130.8 98.4 147.6
51 42.0 32.5 48.7
86 51.7 49.7 74.5

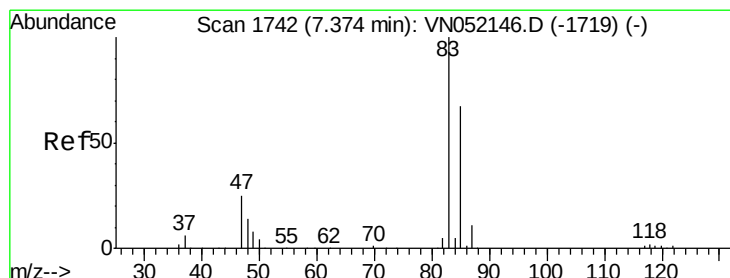
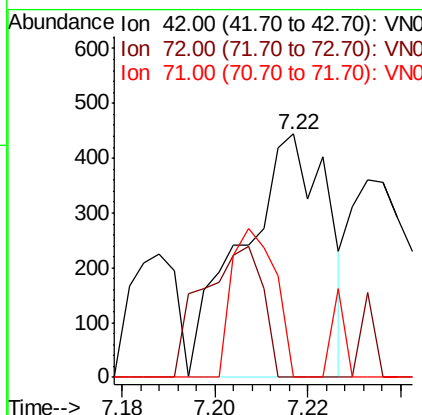
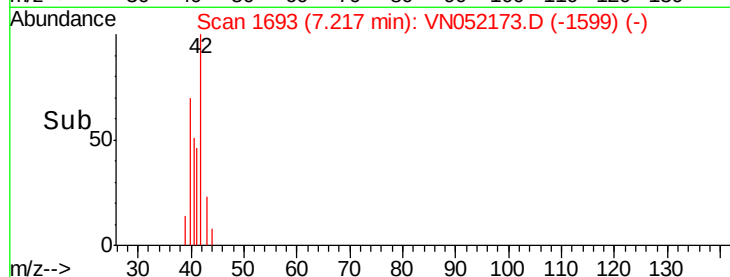
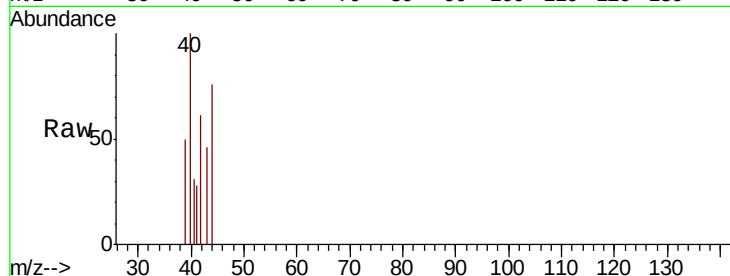




#29
Tetrahydrofuran
Concen: 0.710 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

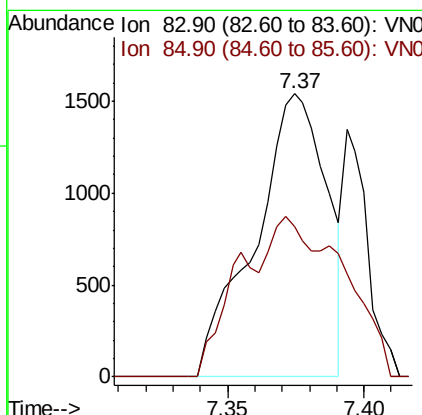
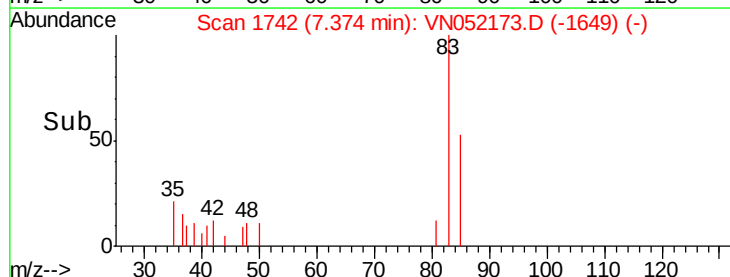
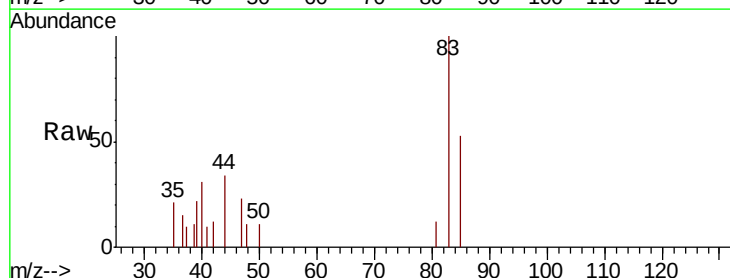
Instrument :
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COMP-SAMPLES(16-20)

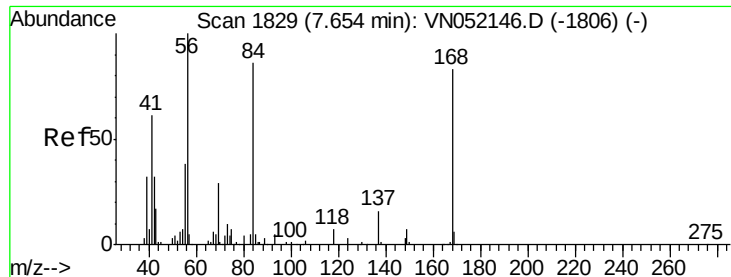
Tot Ion: 42 Resp: 565
Ion Ratio Lower Upper
42 100
72 38.1 32.3 48.5
71 31.3 31.0 46.6



#30
Chloroform
Concen: 0.476 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion: 83 Resp: 2809
Ion Ratio Lower Upper
83 100
85 53.2 53.7 80.5#

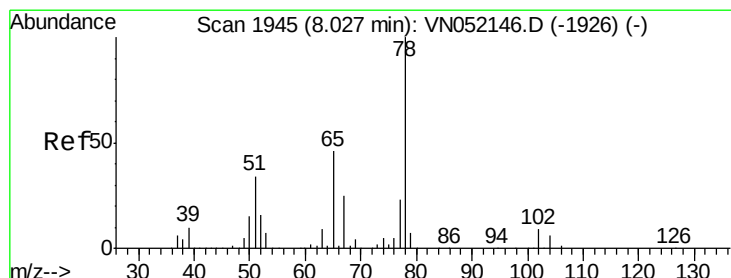
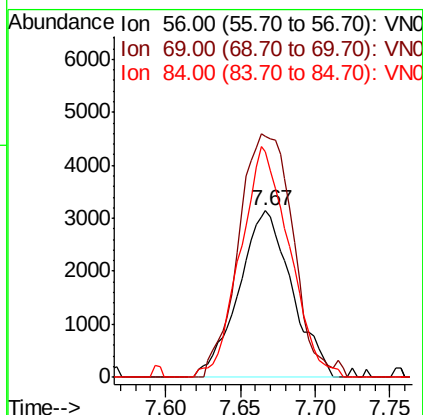
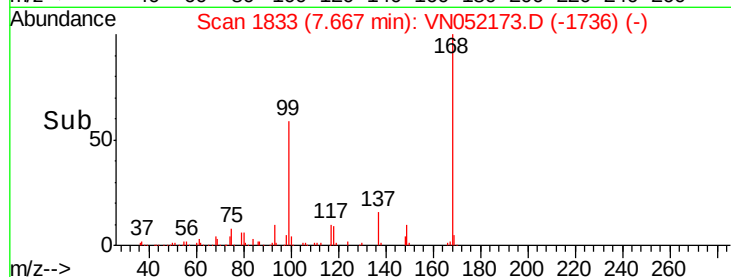
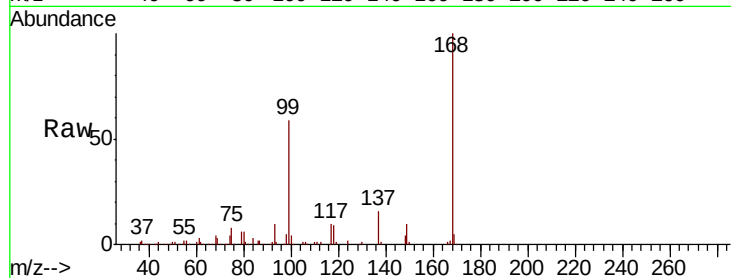




#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

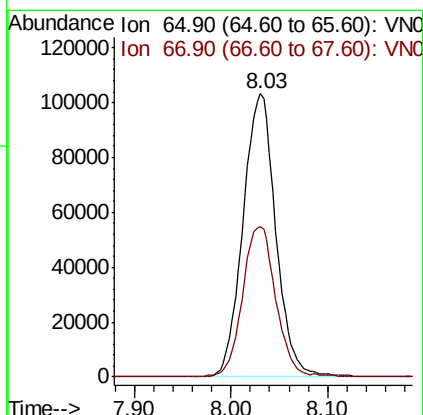
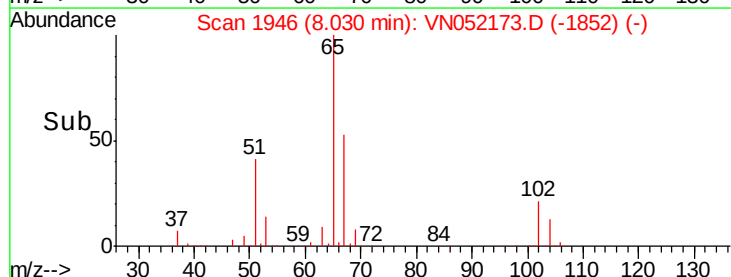
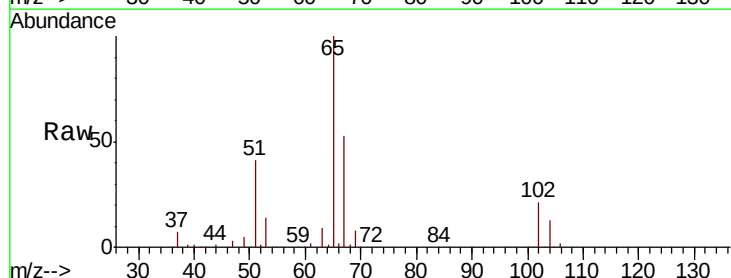
Instrument :
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COMP-SAMPLES(16-20)

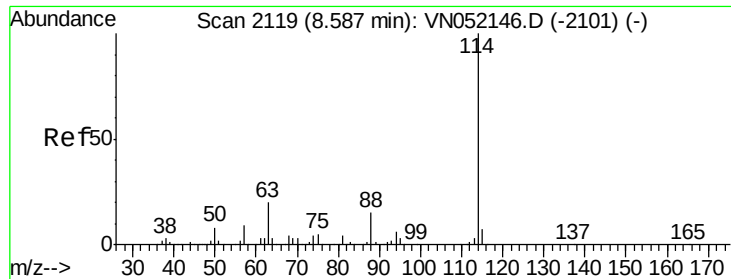
Tot Ion: 56 Resp: 7735
Ion Ratio Lower Upper
56 100
69 144.3 23.5 35.3#
84 135.6 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion: 65 Resp: 243059
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.6

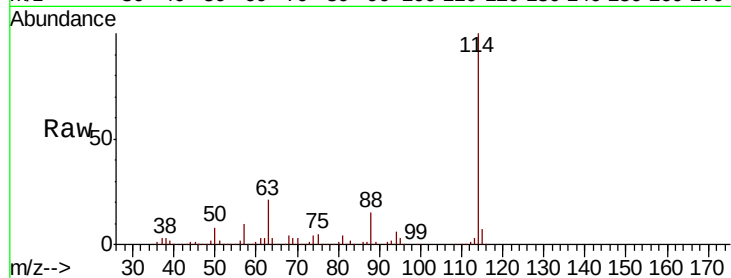




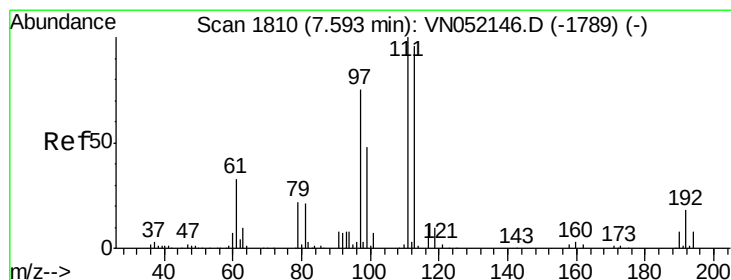
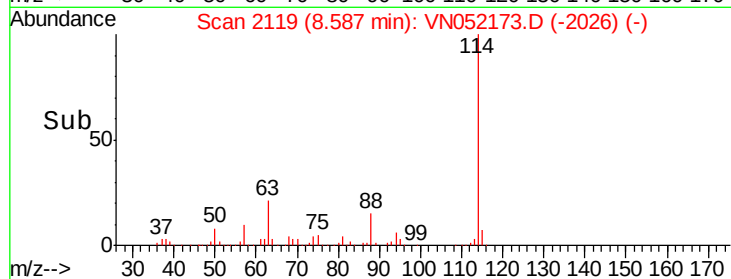
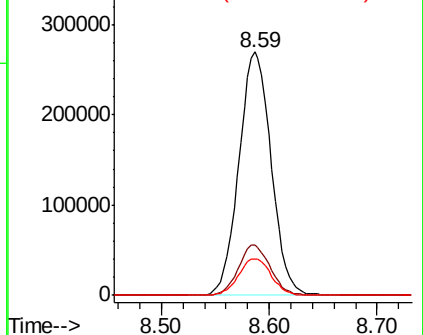
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052173.D
 Acq: 6 Nov 2018 3:01

Instrument :
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 COMP-SAMPLES(16-20)

Tot Ion:114 Resp: 560013
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 15.1 0.0 31.0

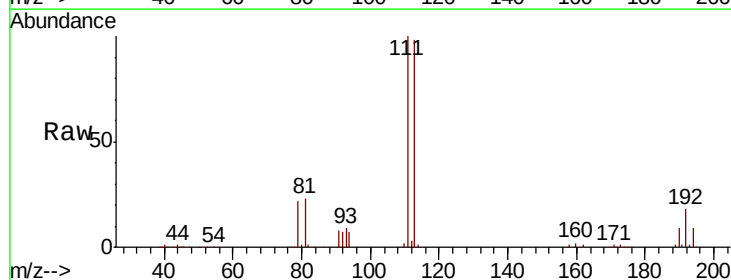


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

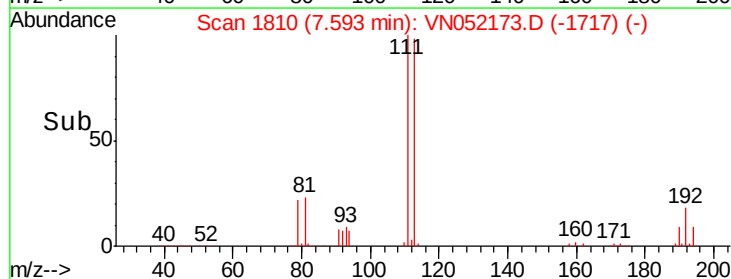
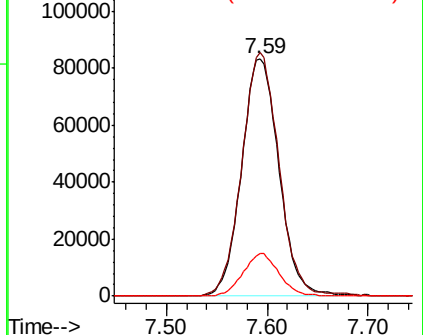


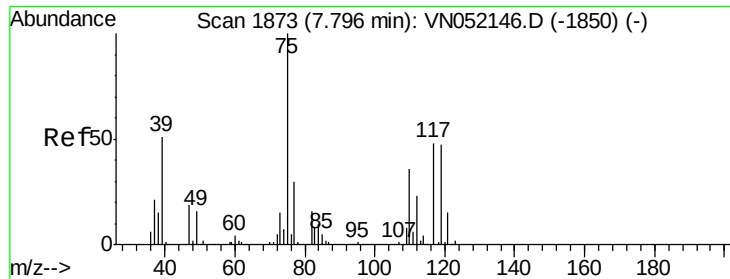
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052173.D
 Acq: 6 Nov 2018 3:01

Tgt Ion:113 Resp: 213160
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 17.5 14.2 21.4



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

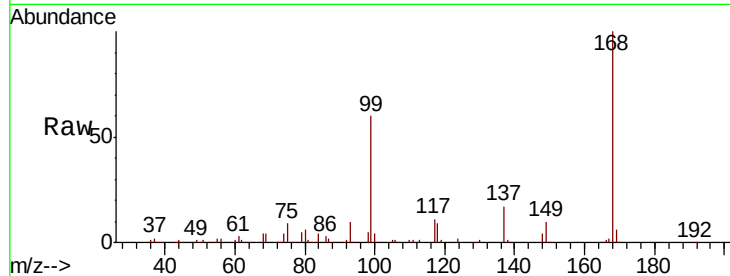




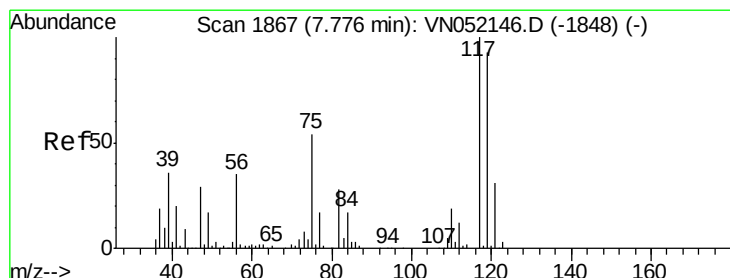
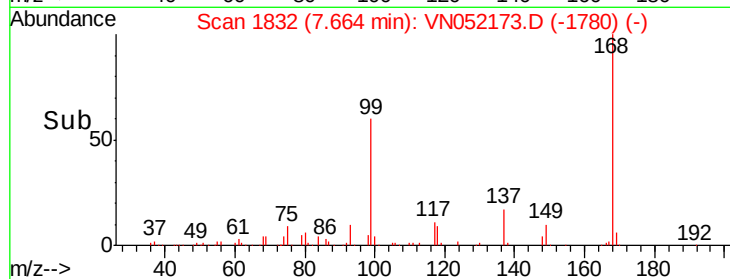
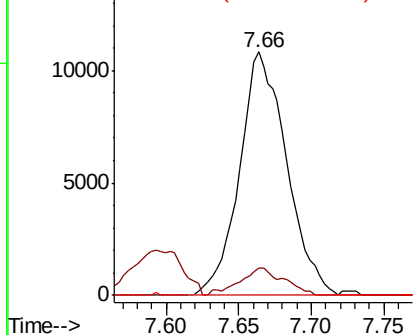
#36
 1,1-Dichloropropene
 Concen: 4.927 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052173.D
 Acq: 6 Nov 2018 3:01

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(16-20)

Tot Ion: 75 Resp: 24411
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.8 53.5#
 77 0.0 24.0 36.0#

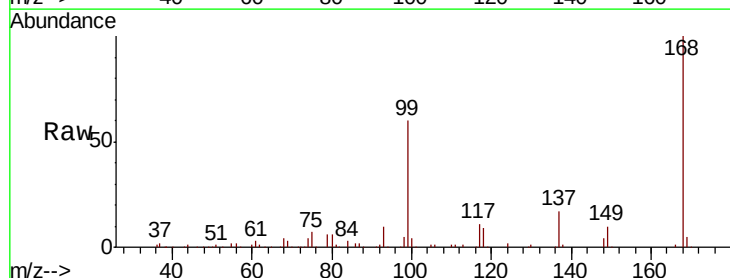


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

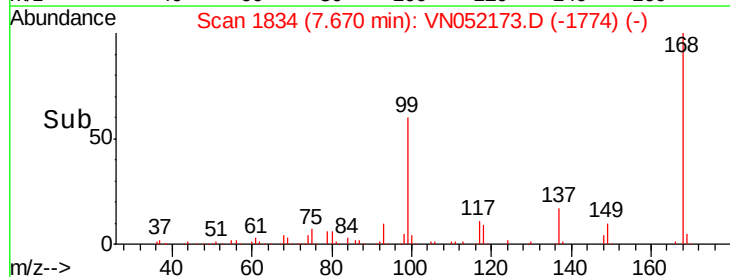
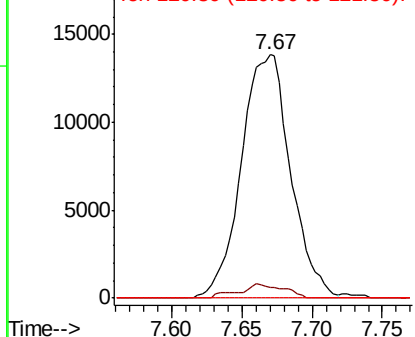


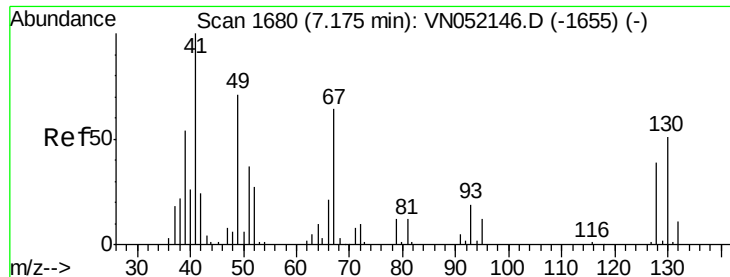
#38
 Carbon Tetrachloride
 Concen: 6.823 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN052173.D
 Acq: 6 Nov 2018 3:01

Tgt Ion: 117 Resp: 33793
 Ion Ratio Lower Upper
 117 100
 119 4.5 74.7 112.1#
 121 0.0 24.5 36.7#



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

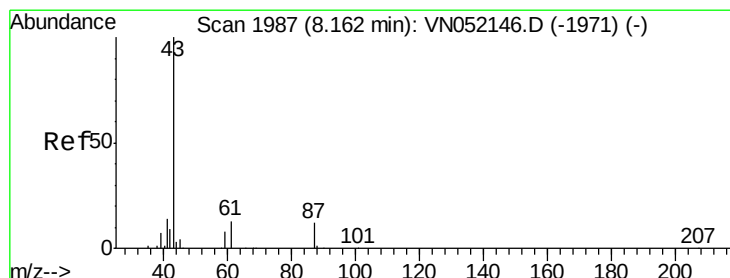
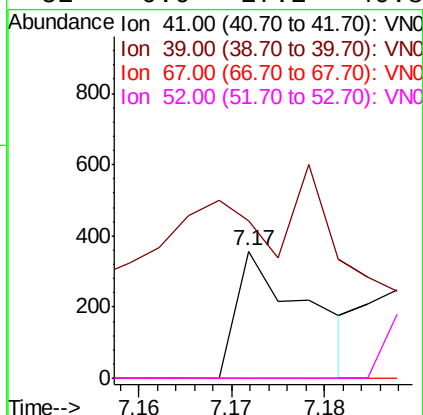
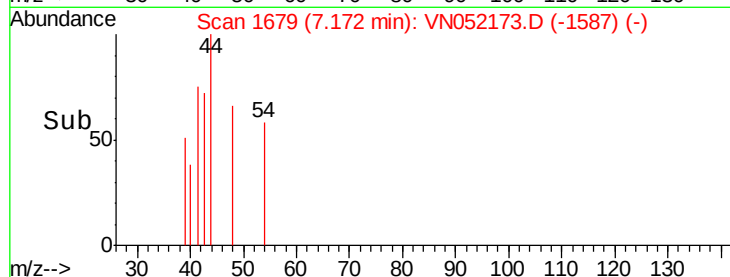
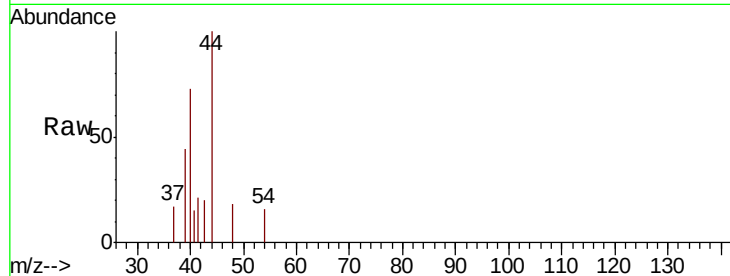




#41
Methacrylonitrile
Concen: 1.501 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

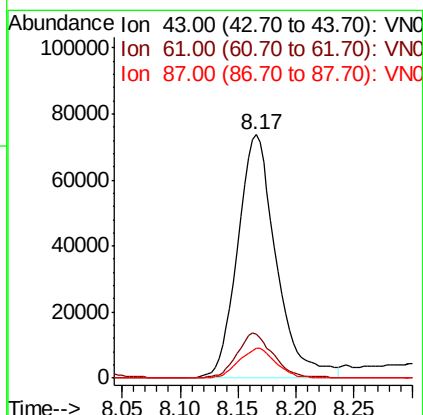
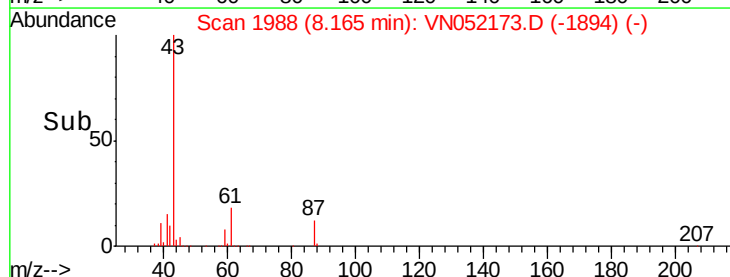
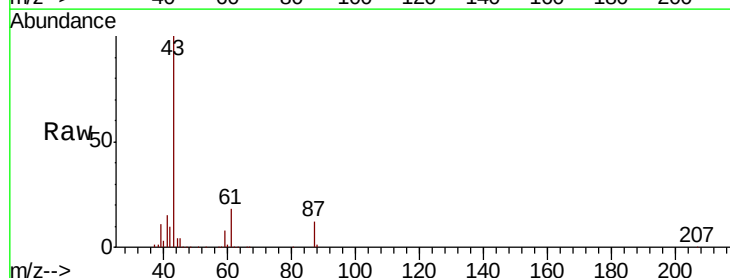
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(16-20)

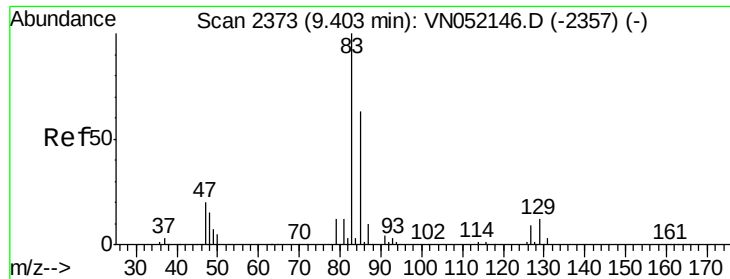
Tot Ion: 41 Resp: 187
Ion Ratio Lower Upper
41 100
39 341.2 49.6 74.4#
67 0.0 65.4 98.2#
52 0.0 27.2 40.8#



#43
Isopropyl Acetate
Concen: 30.282 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion: 43 Resp: 171174
Ion Ratio Lower Upper
43 100
61 16.9 21.5 32.3#
87 11.7 10.2 15.2





#47

Bromodichloromethane

Concen: 0.319 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(16-20)

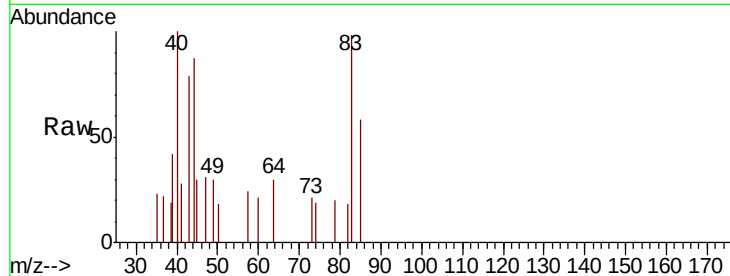
Tot Ion: 83 Resp: 1527

Ion Ratio Lower Upper

83 100

85 58.8 50.5 75.7

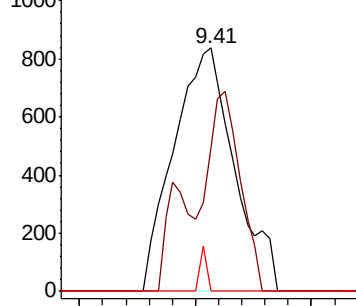
127 0.0 7.2 10.8#



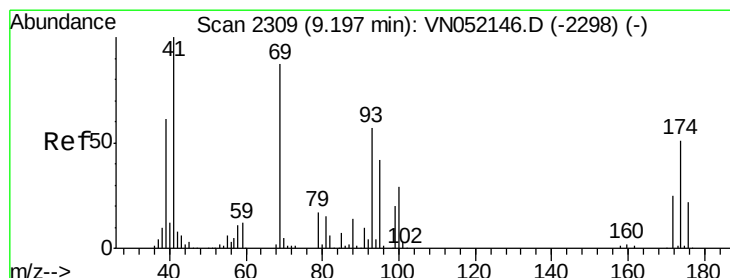
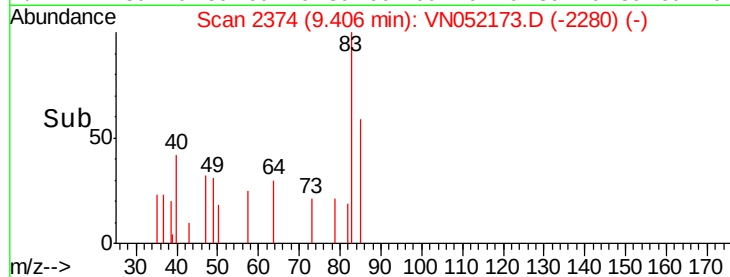
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



Time-->



#48

Methyl methacrylate

Concen: 1.821 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

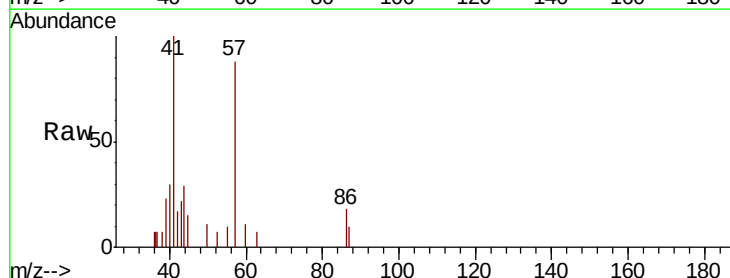
Tgt Ion: 41 Resp: 4953

Ion Ratio Lower Upper

41 100

69 0.0 69.7 104.5#

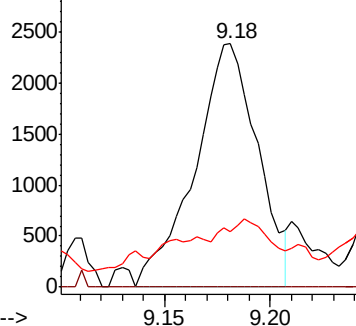
39 8.5 50.6 76.0#



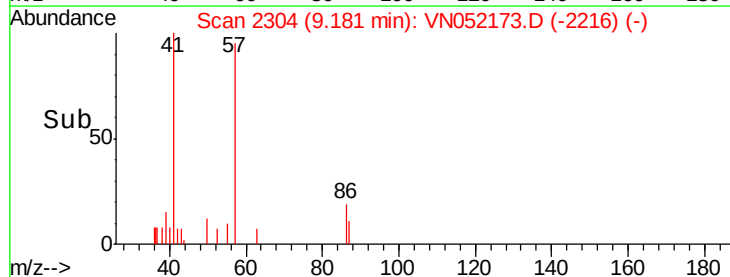
Abundance Ion 41.00 (40.70 to 41.70): VN0

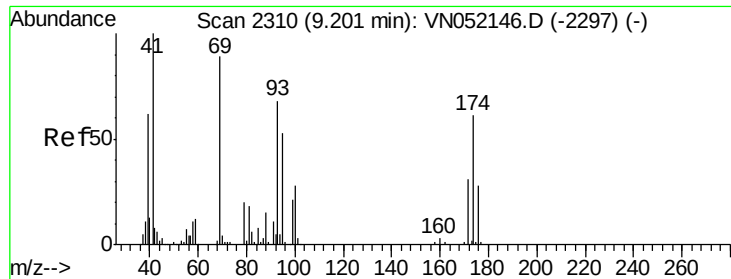
Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

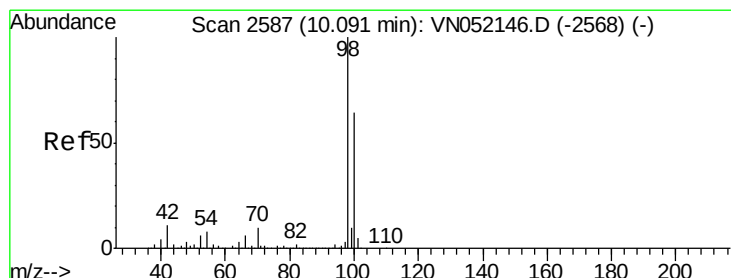
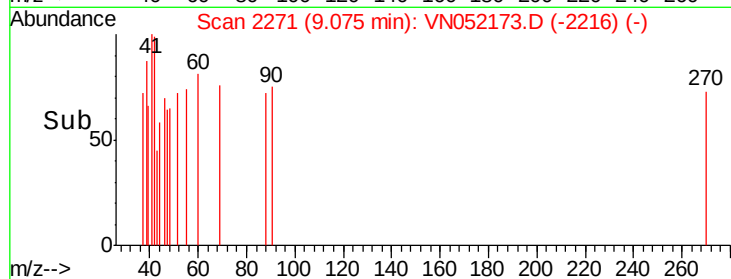
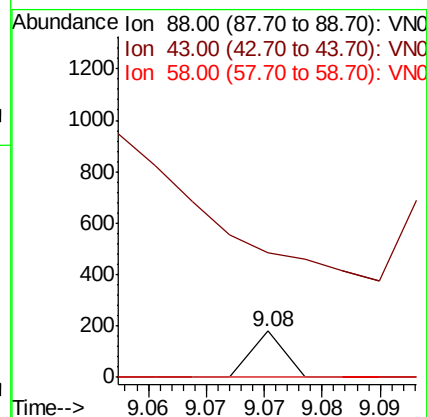
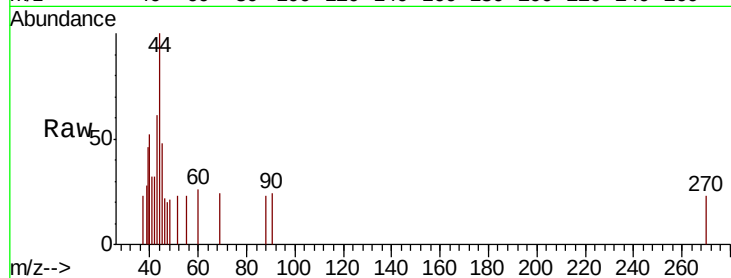




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.08 min Scan# 2271
Delta R.T. -0.12 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

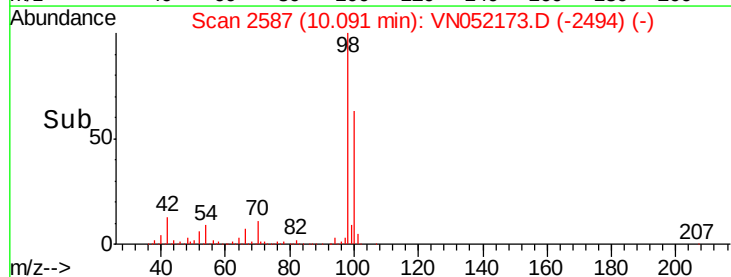
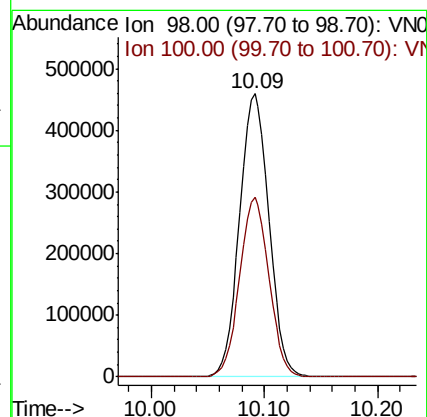
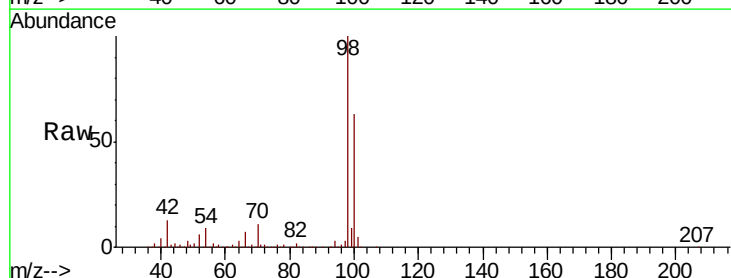
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(16-20)

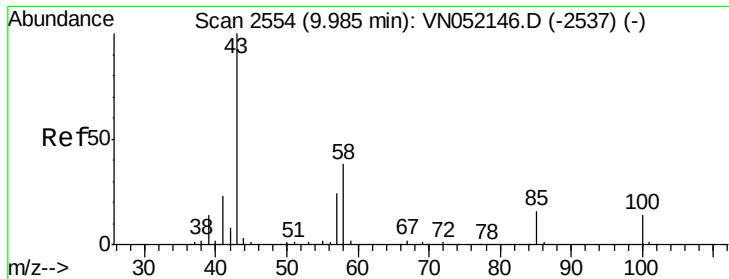
Tot Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 0.0 33.0 49.6#
58 0.0 58.6 88.0#



#50
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion: 98 Resp: 834308
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.01 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

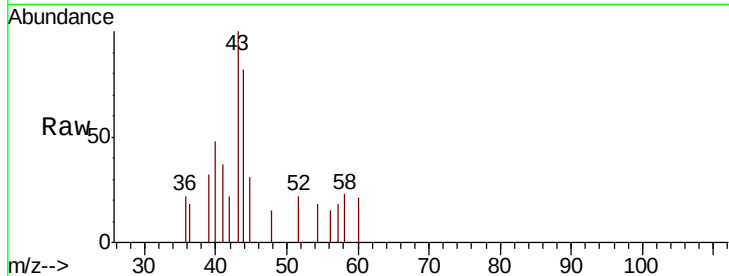
COMP-SAMPLES(16-20)

Tot Ion: 43 Resp: 1872

Ion Ratio Lower Upper

43 100

58 20.6 29.6 44.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052146.D (-2537) (-)

1500

1000

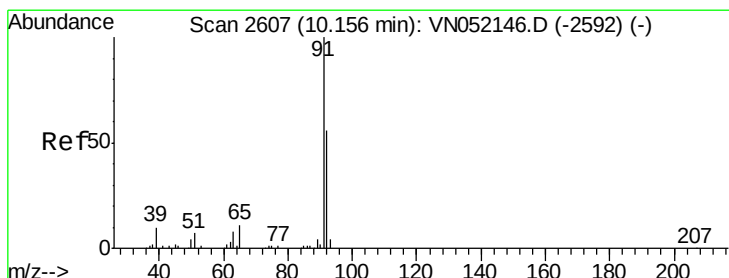
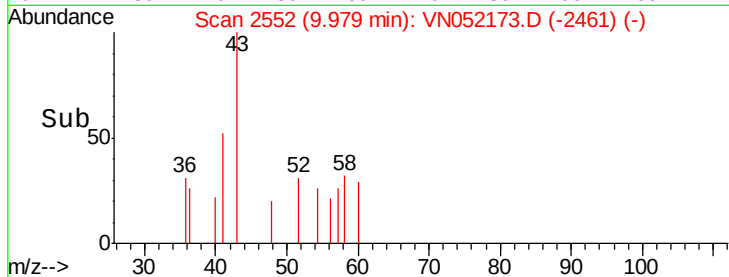
500

0

9.95

10.00

Time-->



#52

Toluene

Concen: 0.244 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052173.D

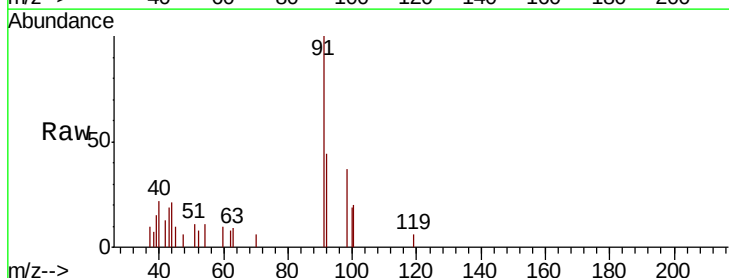
Acq: 6 Nov 2018 3:01

Tgt Ion: 92 Resp: 2147

Ion Ratio Lower Upper

92 100

91 187.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN052146.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN052146.D (-2592) (-)

2500

2000

1500

1000

500

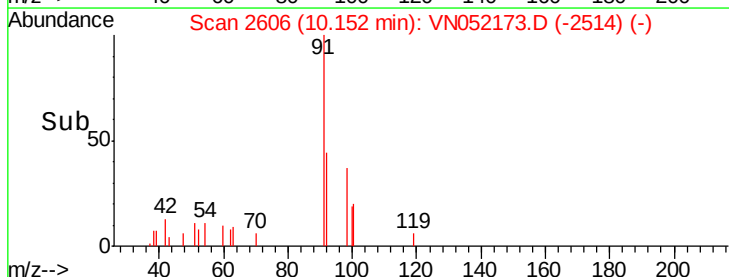
0

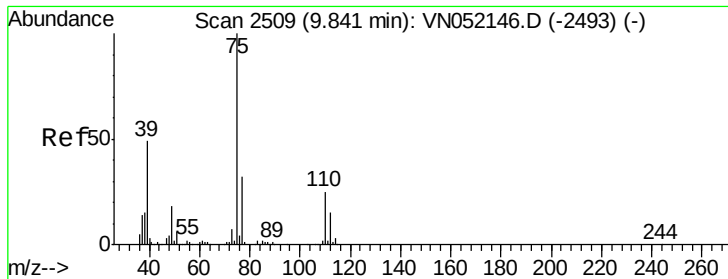
10.10

10.15

10.20

Time-->





#54

cis-1,3-Dichloropropene

Concen: 0.278 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(16-20)

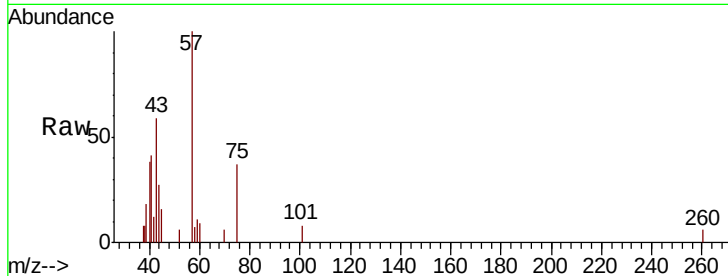
Tot Ion: 75 Resp: 1525

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

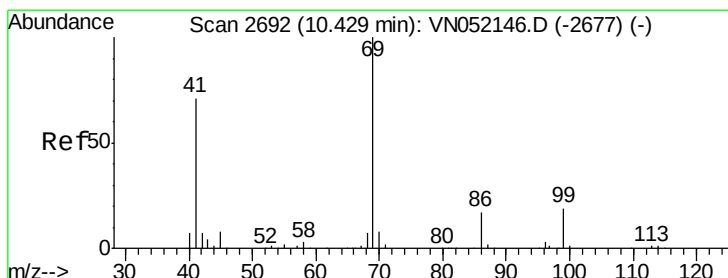
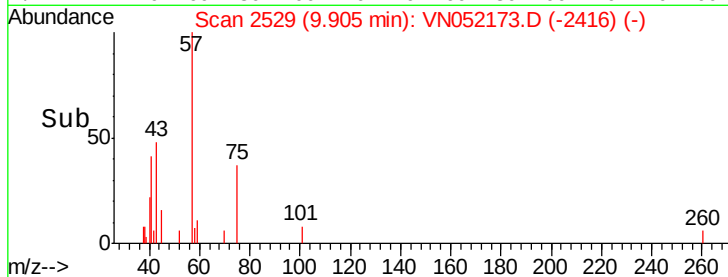
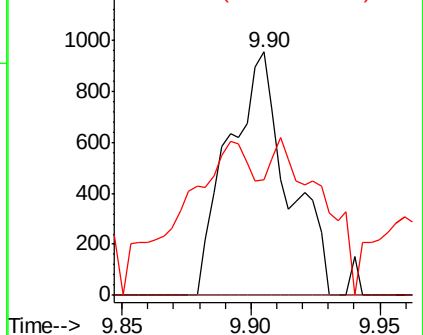
39 16.4 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 0.303 ug/l

RT: 10.22 min Scan# 2628

Delta R.T. -0.21 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

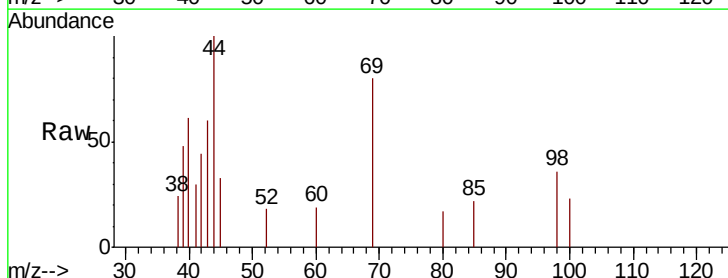
Tgt Ion: 69 Resp: 1222

Ion Ratio Lower Upper

69 100

41 18.7 55.4 83.0#

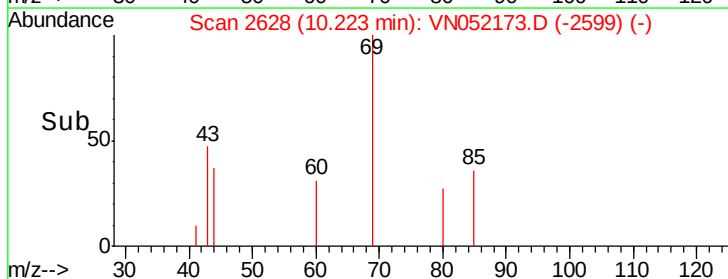
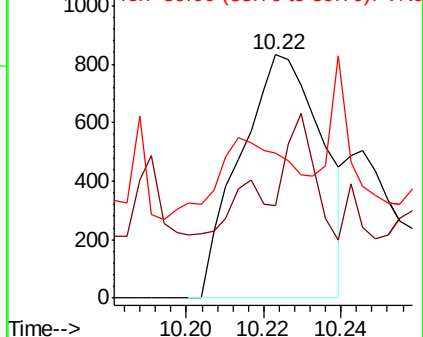
39 14.2 32.0 48.0#

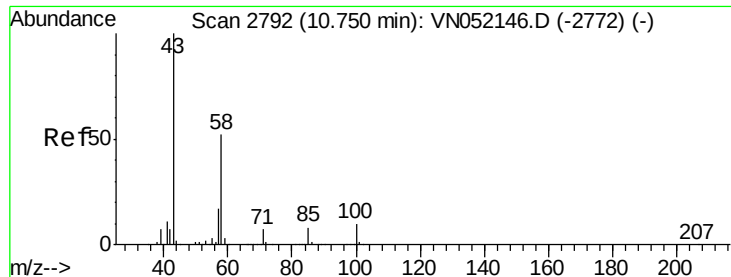


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

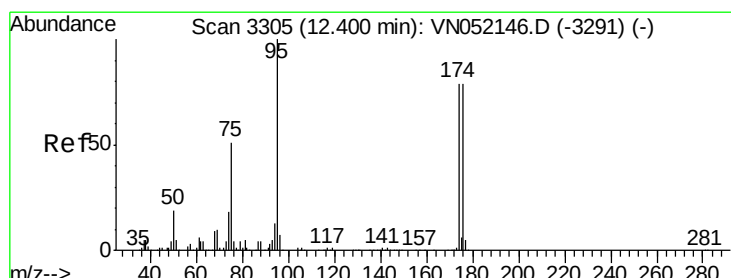
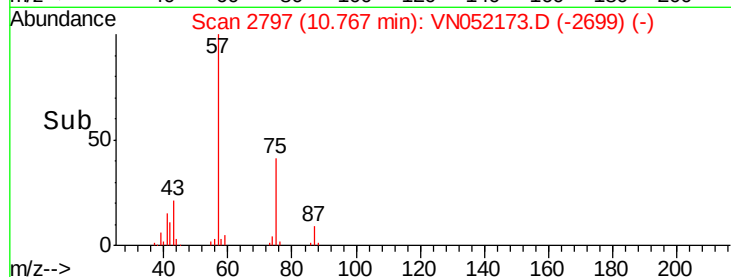
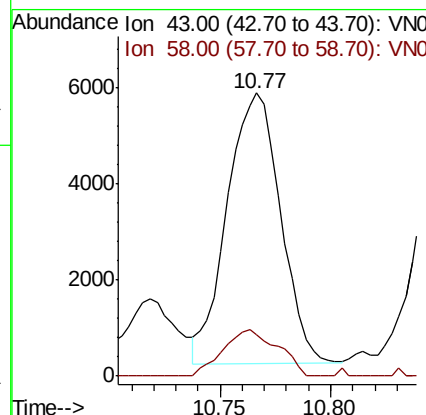
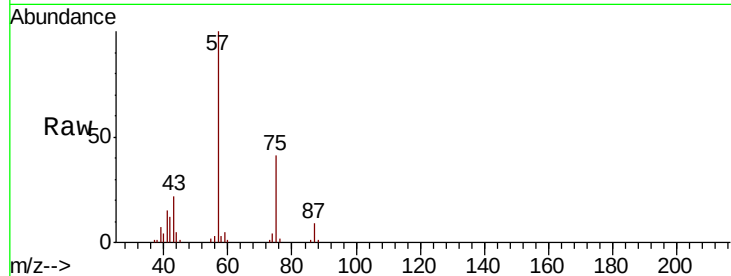




#59
2-Hexanone
Concen: 4.562 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

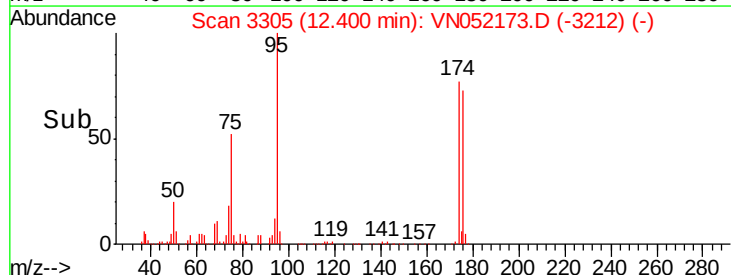
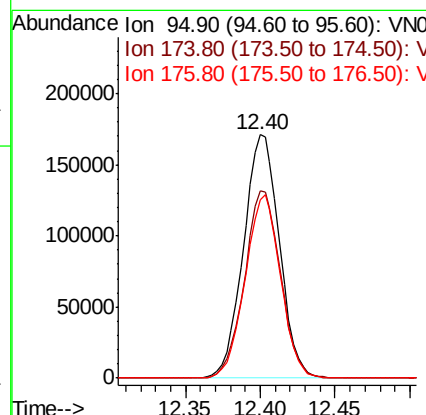
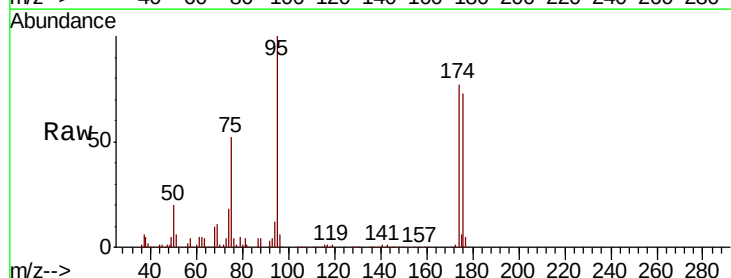
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(16-20)

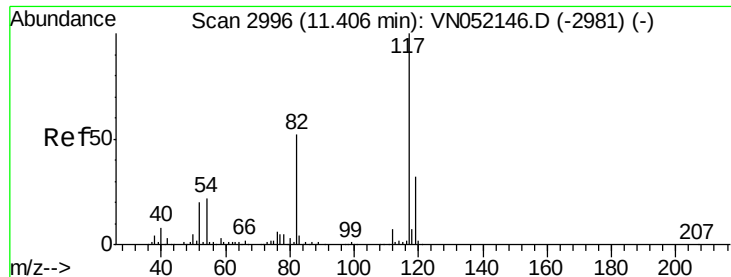
Tot Ion: 43 Resp: 9484
Ion Ratio Lower Upper
43 100
58 17.7 25.8 77.4#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion: 95 Resp: 285616
Ion Ratio Lower Upper
95 100
174 77.3 0.0 162.6
176 74.2 0.0 155.4

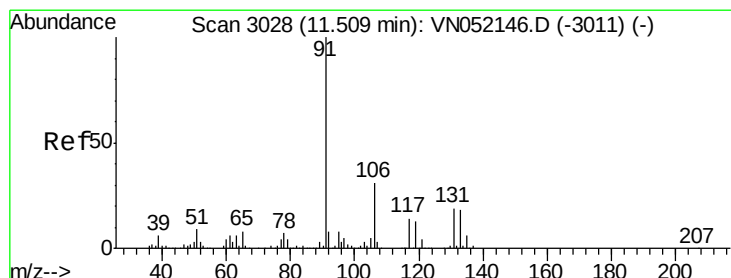
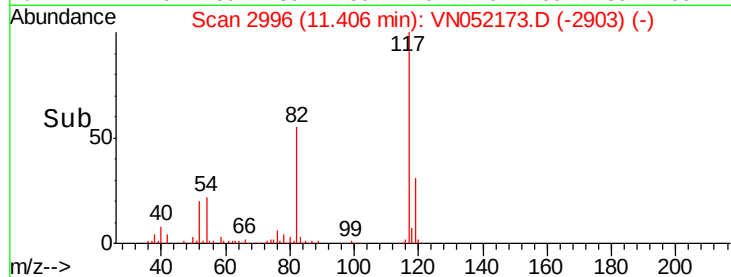
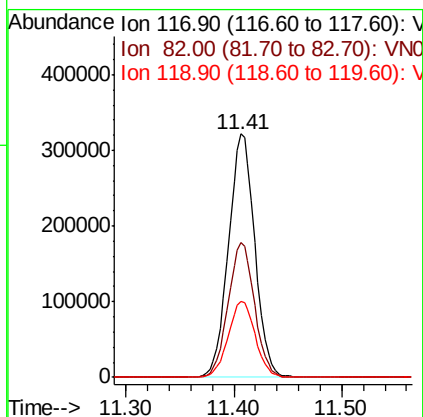
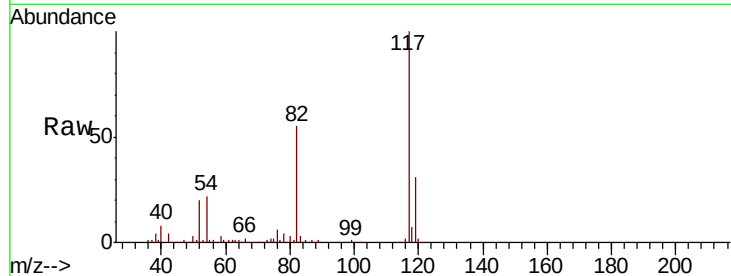




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

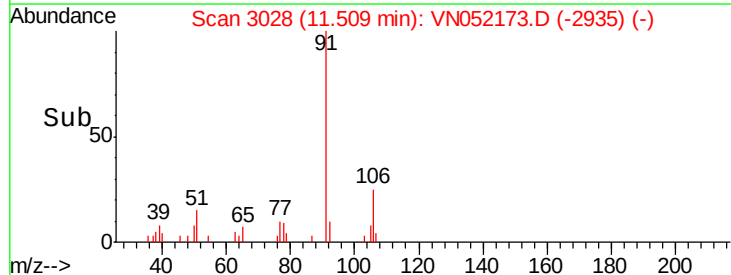
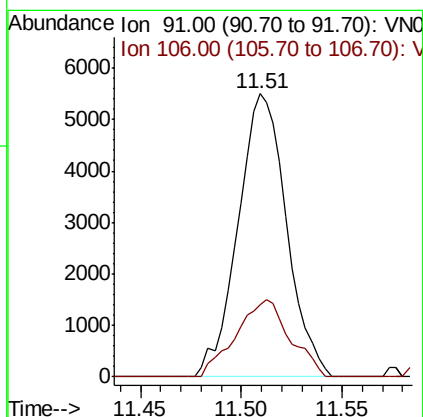
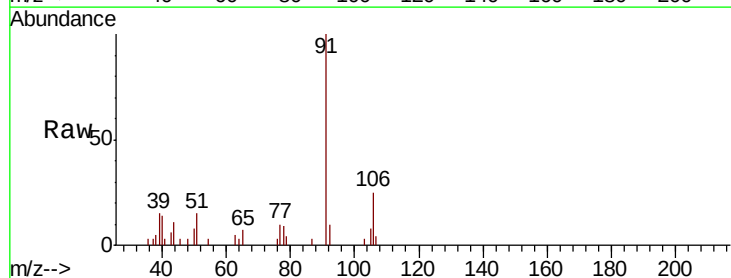
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(16-20)

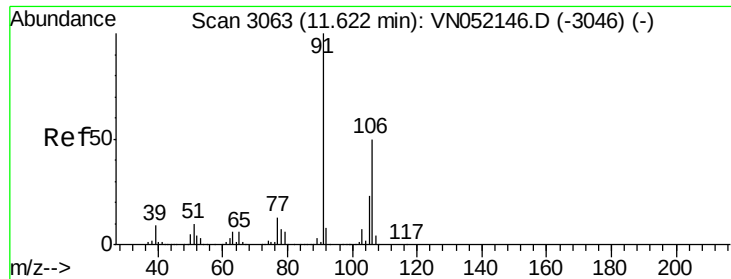
Tot Ion:117 Resp: 545860
Ion Ratio Lower Upper
117 100
82 55.3 41.9 62.9
119 31.3 25.7 38.5



#67
Ethyl Benzene
Concen: 0.500 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion: 91 Resp: 9239
Ion Ratio Lower Upper
91 100
106 25.4 25.1 37.7

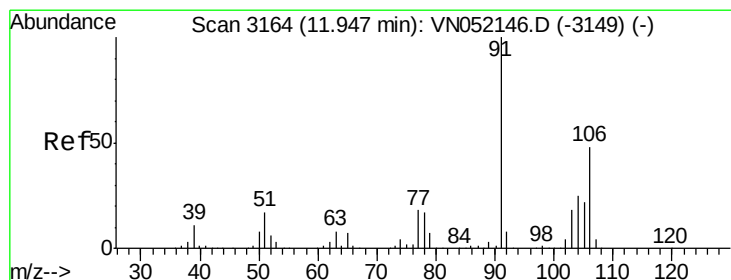
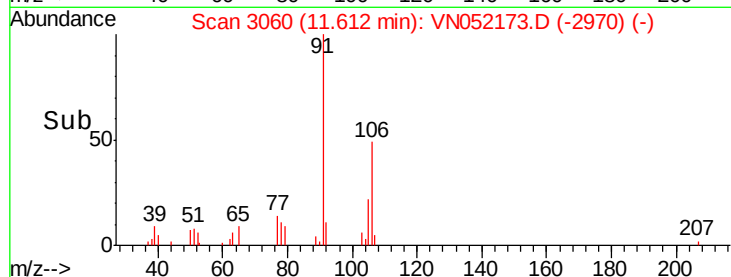
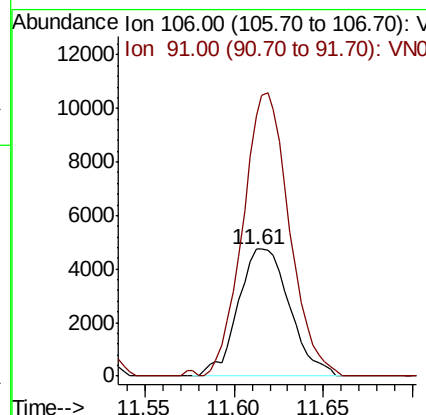
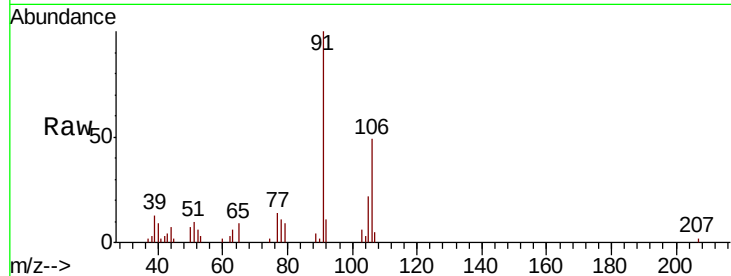




#68
m/p-Xylenes
Concen: 1.339 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

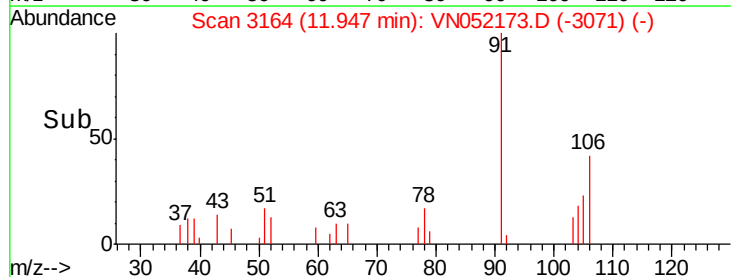
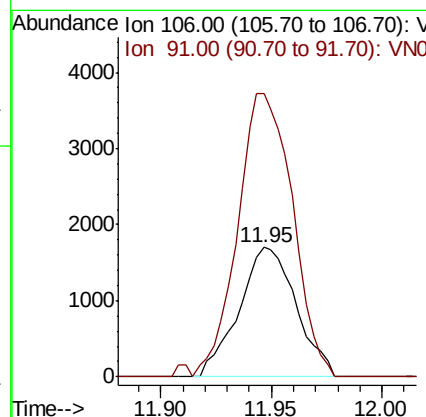
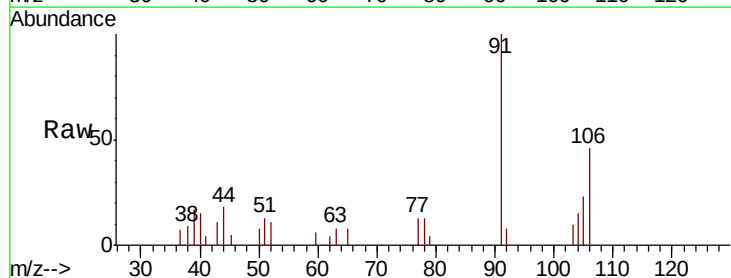
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(16-20)

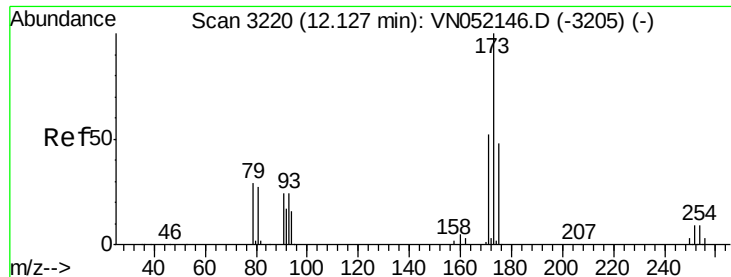
Tot Ion:106 Resp: 9547
Ion Ratio Lower Upper
106 100
91 201.5 158.2 237.4



#69
o-Xylene
Concen: 0.443 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052173.D
Acq: 6 Nov 2018 3:01

Tgt Ion:106 Resp: 3065
Ion Ratio Lower Upper
106 100
91 209.9 104.8 314.3





#71

Bromoform

Concen: 2.944 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.25 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(16-20)

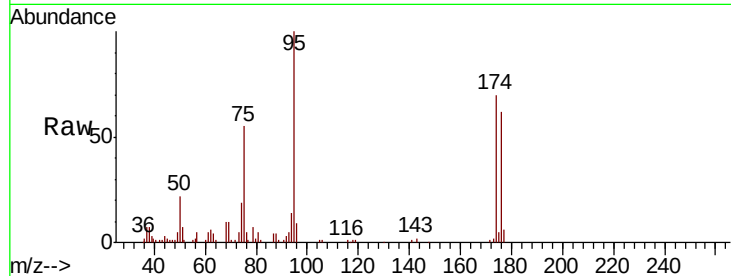
Tot Ion:173 Resp: 393

Ion Ratio Lower Upper

173 100

175 4041.0 24.8 74.4#

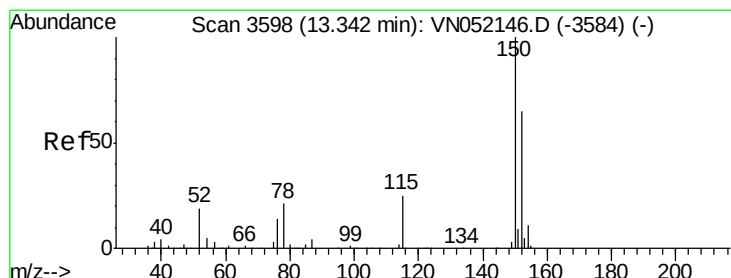
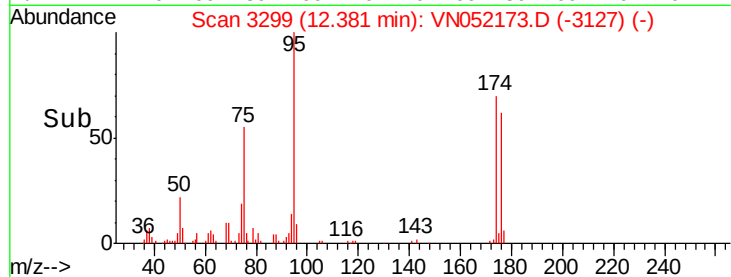
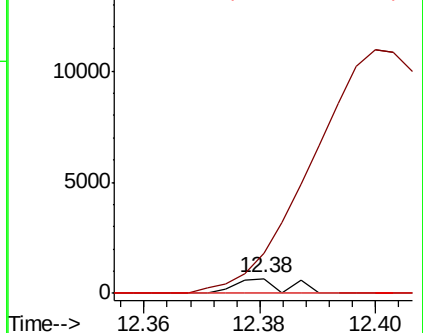
254 0.0 0.2 0.2#



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: VN052173.D

Acq: 6 Nov 2018 3:01

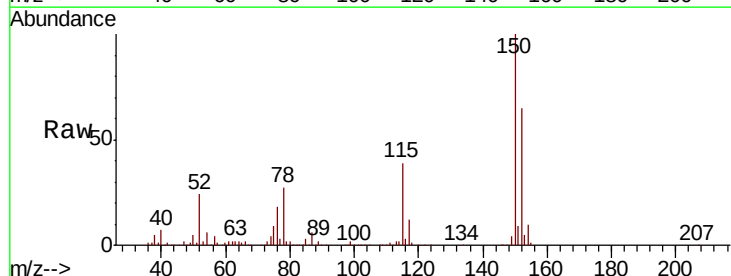
Tgt Ion:152 Resp: 236197

Ion Ratio Lower Upper

152 100

115 59.8 28.5 85.5

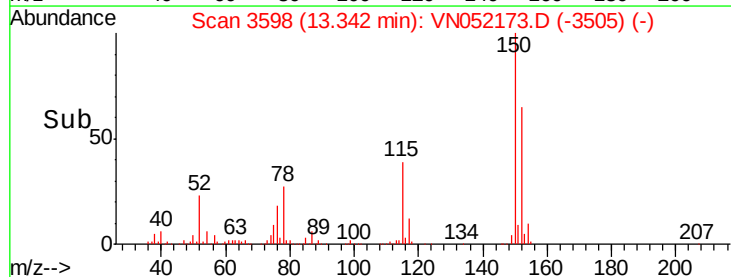
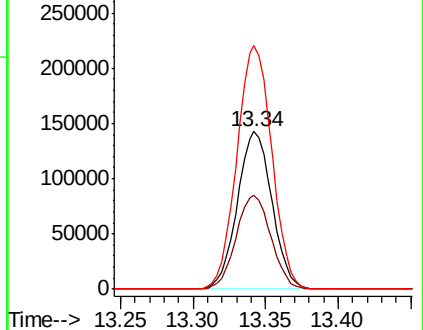
150 155.8 0.0 348.6

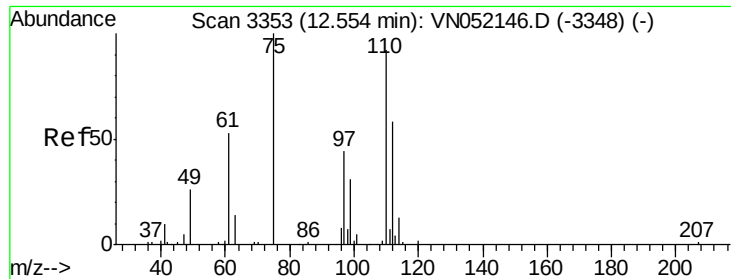


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 39.528 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

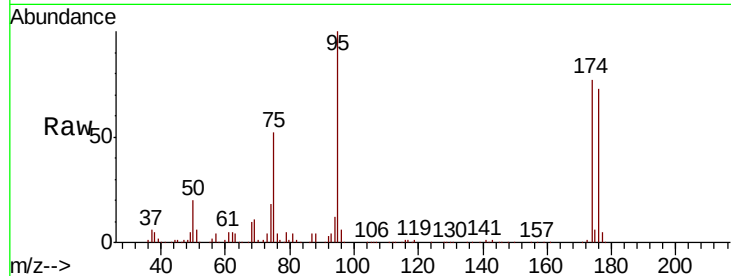
COMP-SAMPLES(16-20)

Tot Ion: 75 Resp: 146930

Ion Ratio Lower Upper

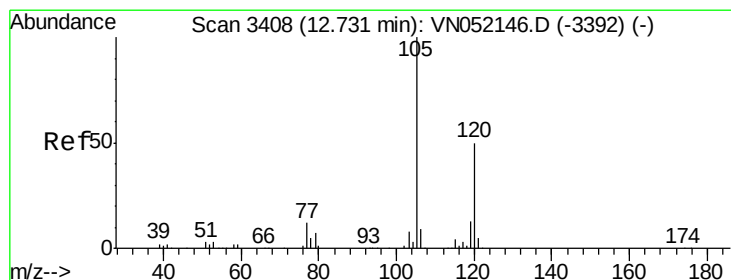
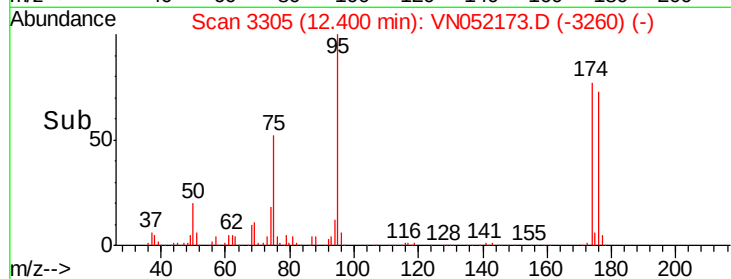
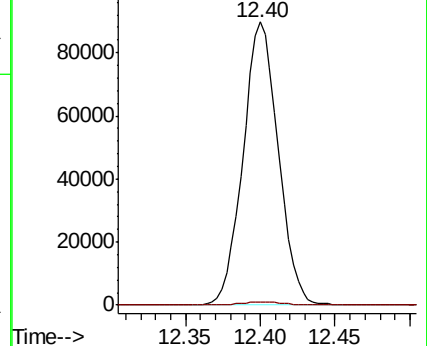
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052146.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052146.D (-3348) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.272 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052173.D

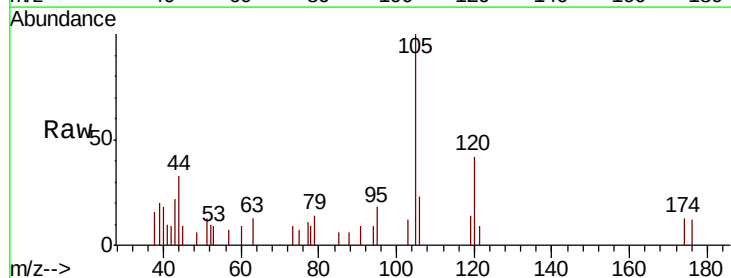
Acq: 6 Nov 2018 3:01

Tgt Ion: 105 Resp: 3929

Ion Ratio Lower Upper

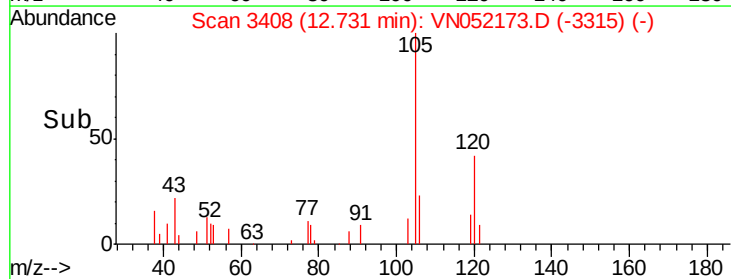
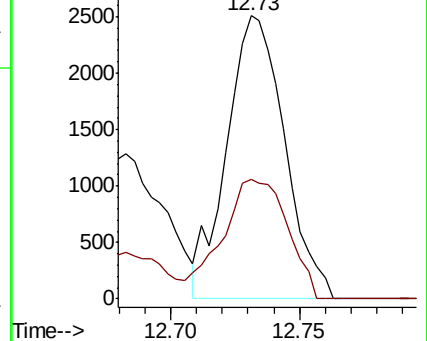
105 100

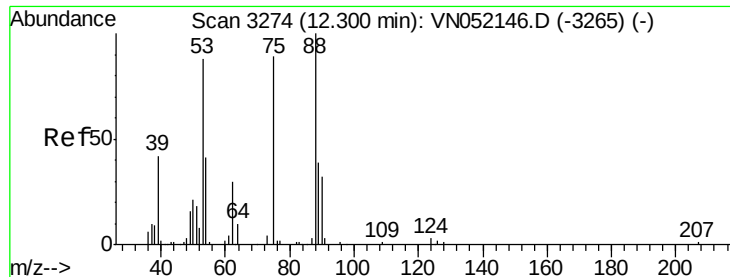
120 47.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN052146.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052146.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 141.536 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052173.D

Acq: 6 Nov 2018 3:01

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(16-20)

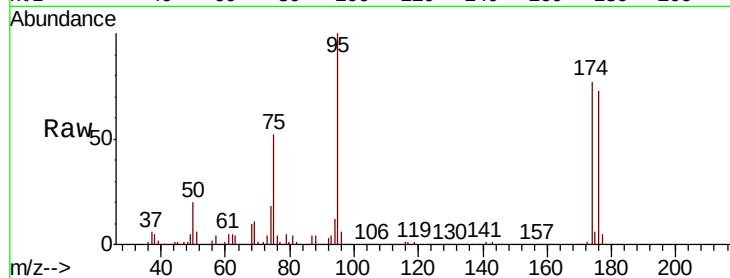
Tot Ion: 75 Resp: 146930

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

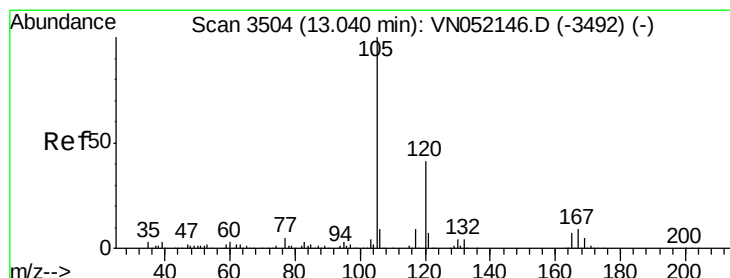
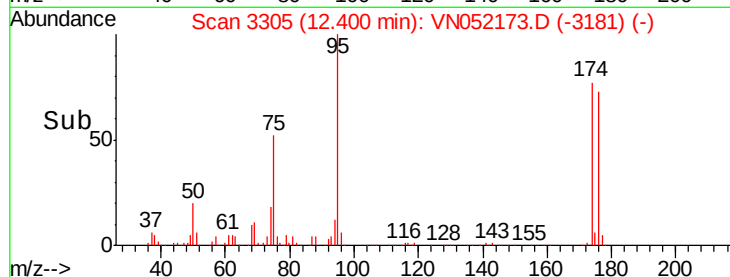
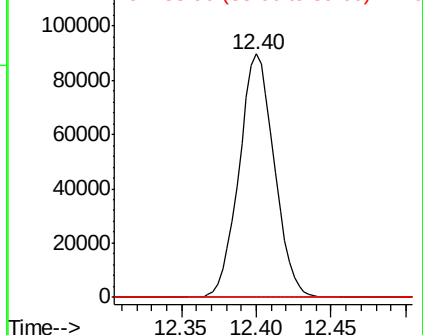
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN052173.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052173.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052173.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.619 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052173.D

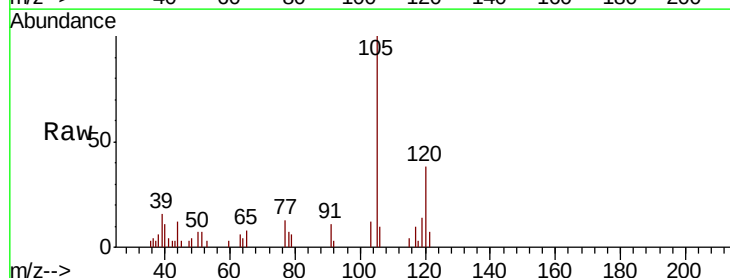
Acq: 6 Nov 2018 3:01

Tgt Ion: 105 Resp: 8913

Ion Ratio Lower Upper

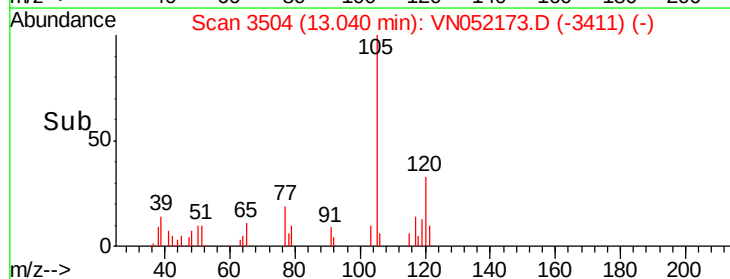
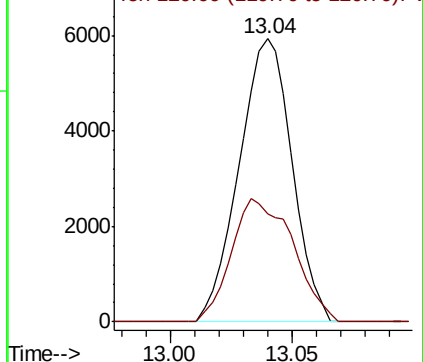
105 100

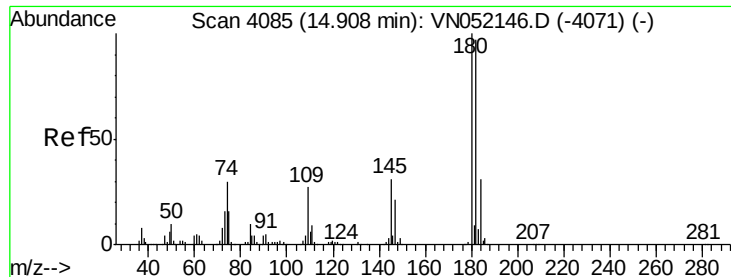
120 50.9 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN052173.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN052173.D (-3411) (-)

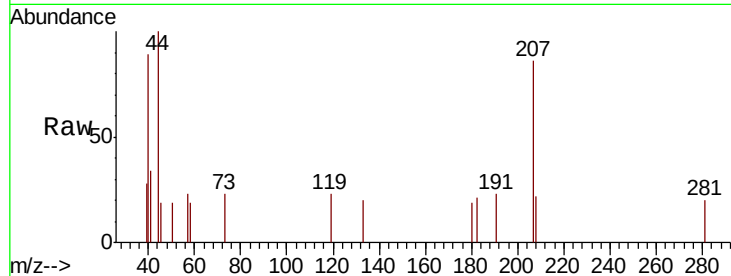




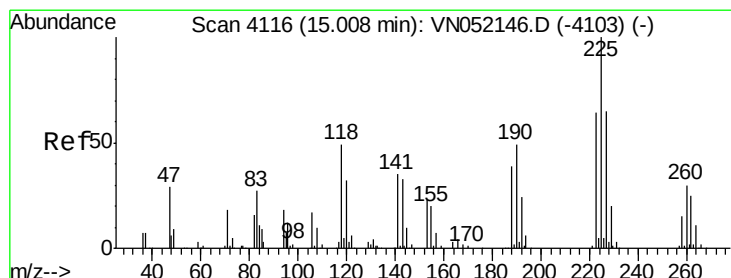
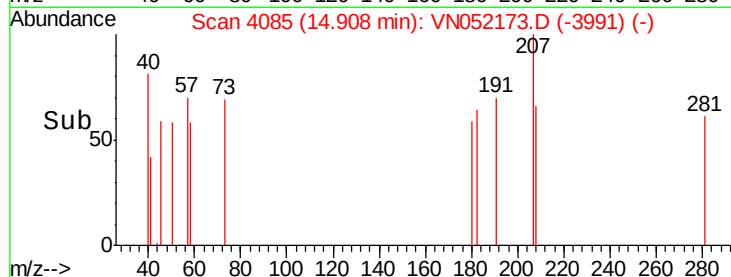
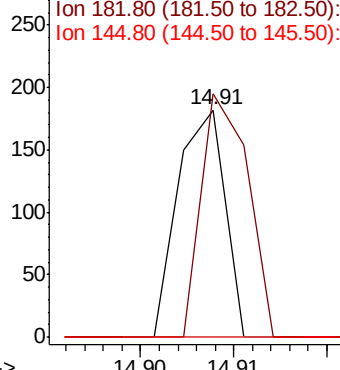
#93
 1,2,4-Trichlorobenzene
 Concen: 2.255 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052173.D
 Acq: 6 Nov 2018 3:01

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(16-20)

Tot Ion:180 Resp: 64
 Ion Ratio Lower Upper
 180 100
 182 104.7 48.1 144.4
 145 0.0 15.3 45.9#

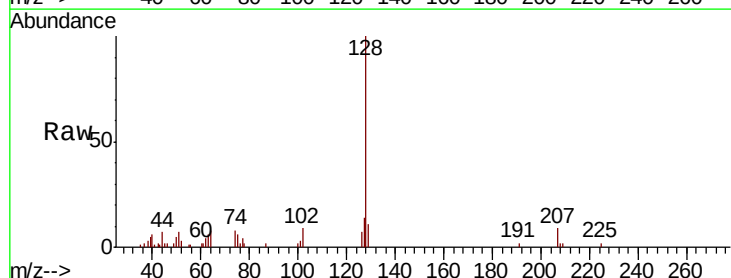


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

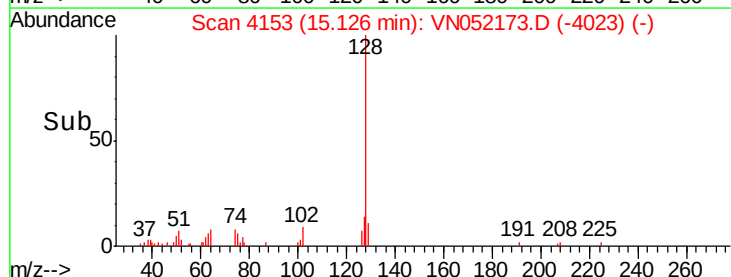
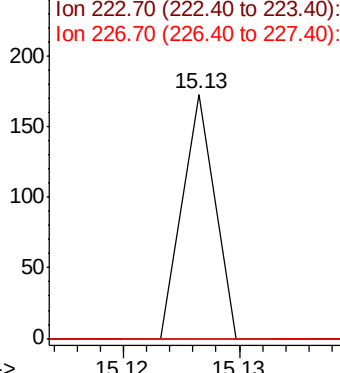


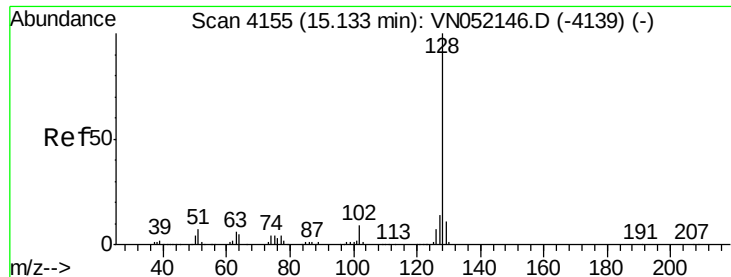
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.13 min Scan# 4153
 Delta R.T. 0.12 min
 Lab File: VN052173.D
 Acq: 6 Nov 2018 3:01

Tgt Ion:225 Resp: 33
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.3 96.8#
 227 0.0 31.6 94.8#



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

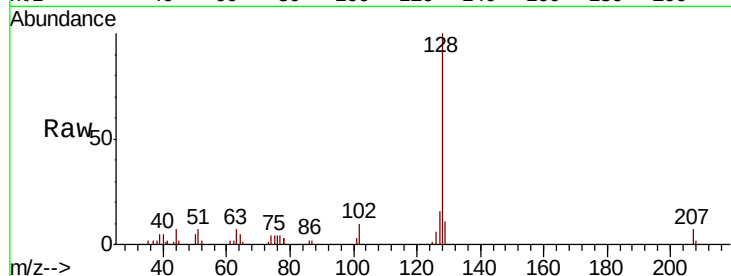




#95
 Naphthalene
 Concen: 3.139 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052173.D
 Acq: 6 Nov 2018 3:01

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(16-20)

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.8	16.2
129	12.4	9.1	13.7



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

