

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052920.D
 Acq On : 17 Dec 2018 12:04
 Operator : MD\SY
 Sample : J6437-03 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 04:43:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1370172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2101379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1866692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	775941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	671772	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.59	113	503981	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
50) Toluene-d8	10.09	98	2555821	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	851850	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.42	74	38493	5.026	ug/l	100
11) Tert butyl alcohol	4.84	59	238922	293.501	ug/l #	56
15) Acrylonitrile	5.02	53	1434	0.314	ug/l #	25
16) Acetone	3.82	43	169078	51.673	ug/l	94
17) Carbon Disulfide	4.06	76	10491	0.271	ug/l	97
18) Methyl Acetate	4.33	43	21281	1.772	ug/l #	76
19) Methyl tert-butyl Ether	5.05	73	406008	11.872	ug/l	91
22) Diisopropyl ether	5.96	45	1601197	36.477	ug/l #	1
23) Vinyl Acetate	5.96	43	92307	3.534	ug/l #	78
24) 1,1-Dichloroethane	5.96	63	11548	0.456	ug/l #	84
25) 2-Butanone	6.84	43	24020	4.731	ug/l	96
31) Cyclohexane	7.66	56	62091	1.958	ug/l #	47
36) 1,1-Dichloropropene	7.67	75	91505	4.729	ug/l #	48
37) Ethyl Acetate	6.84	43	23968	2.062	ug/l #	68
38) Carbon Tetrachloride	7.67	117	117983	6.624	ug/l #	16
39) Methylcyclohexane	9.08	83	31155	1.312	ug/l	99
40) Benzene	8.04	78	1662992	28.633	ug/l	99
42) 1,2-Dichloroethane	8.05	62	13133	0.751	ug/l	93
43) Isopropyl Acetate	8.20	43	12847	0.539	ug/l #	53
49) 1,4-Dioxane	9.20	88	628	5.293	ug/l #	52
51) 4-Methyl-2-Pentanone	9.98	43	8097	0.741	ug/l	97
52) Toluene	10.16	92	4186320	119.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	3363	0.374	ug/l	95
59) 2-Hexanone	10.76	43	5390	0.720	ug/l	79
67) Ethyl Benzene	11.51	91	1106084	16.631	ug/l	99
68) m/p-Xylenes	11.62	106	1726075	69.119	ug/l	100
69) o-Xylene	11.95	106	506300	20.763	ug/l	100
70) Styrene	11.95	104	28559	0.729	ug/l #	1
71) Bromoform	12.40	173	5590	0.611	ug/l #	1
73) Isopropylbenzene	12.25	105	32233	0.556	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	404116	35.300	ug/l #	100
78) n-propylbenzene	12.59	91	25809	0.391	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	55341	1.183	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	404116	113.400	ug/l #	12

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

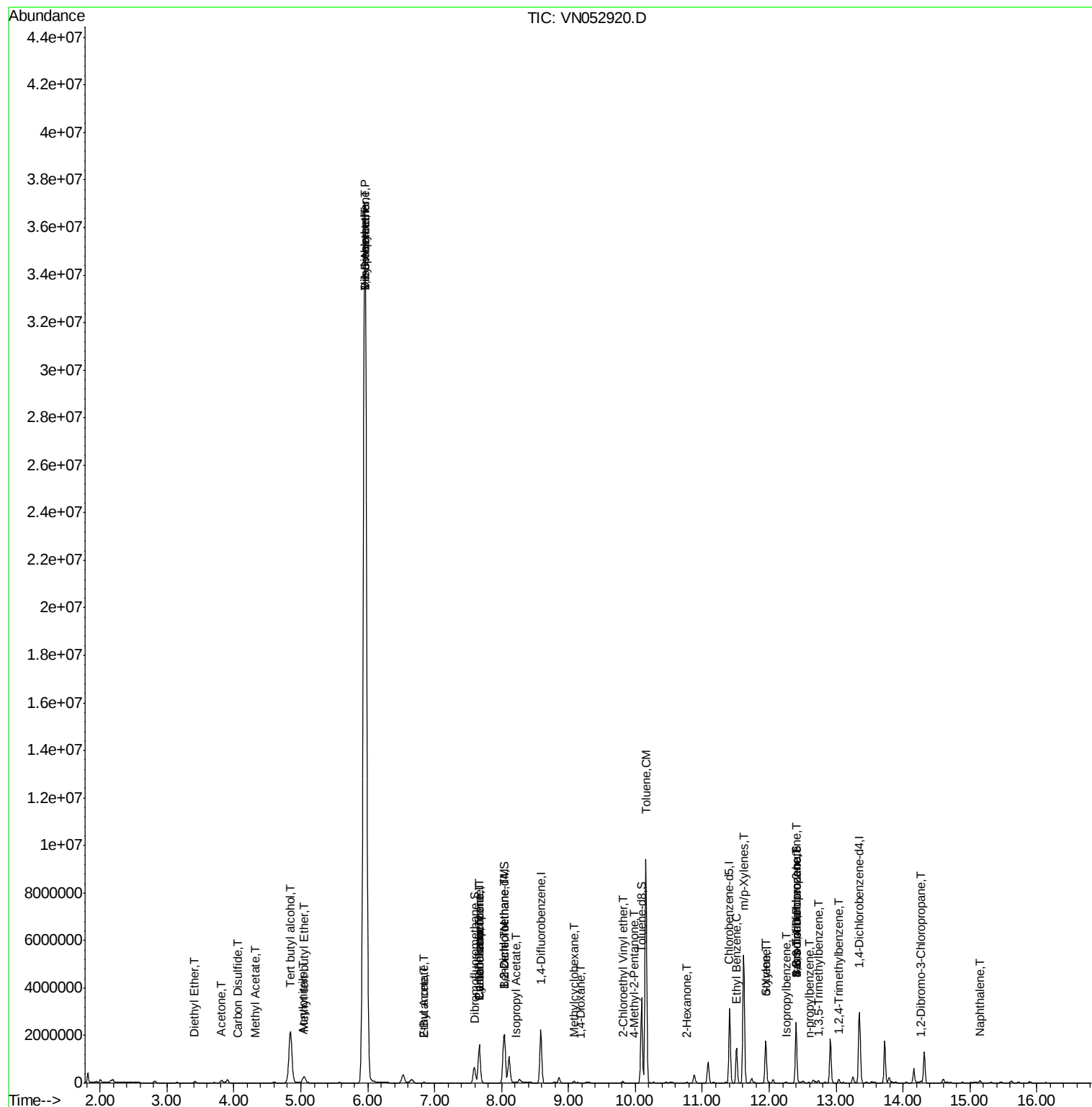
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	93143	1.967	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	531	0.271	ug/l #	1
95) Naphthalene	15.13	128	22858	0.806	ug/l	99

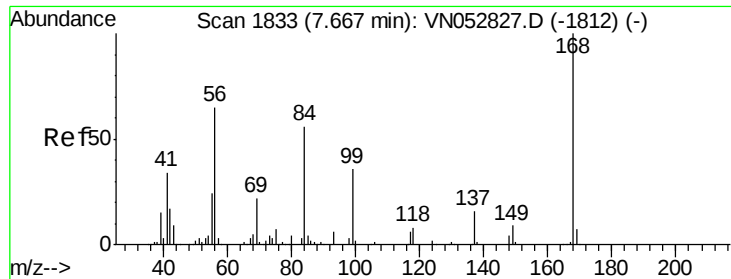
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

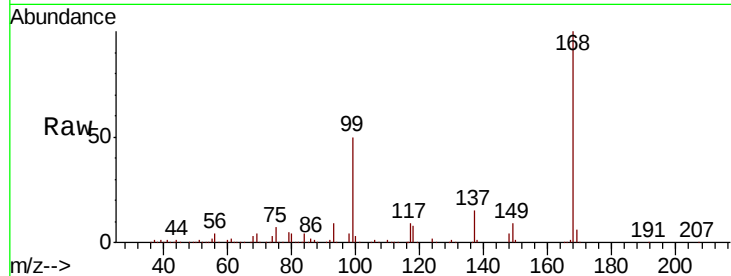
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1370172

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

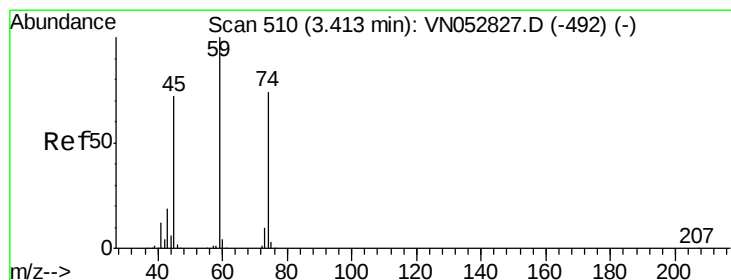
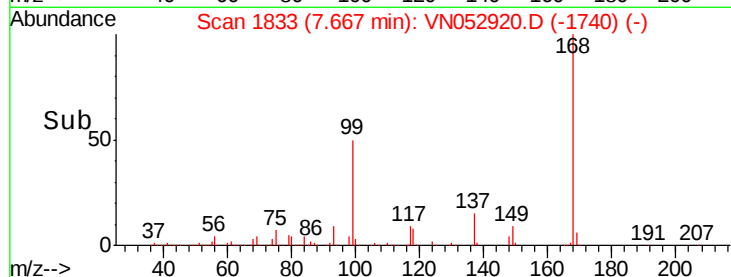
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 5.026 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN052920.D

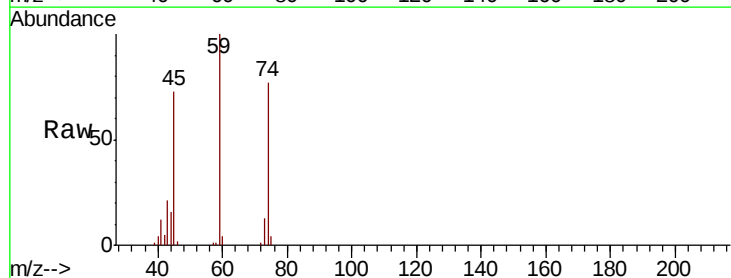
Acq: 17 Dec 2018 12:04

Tgt Ion: 74 Resp: 38493

Ion Ratio Lower Upper

74 100

45 98.2 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

20000

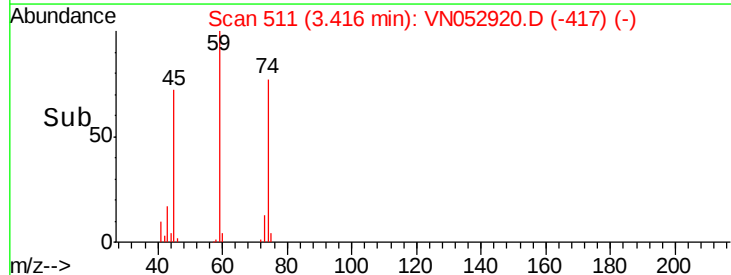
15000

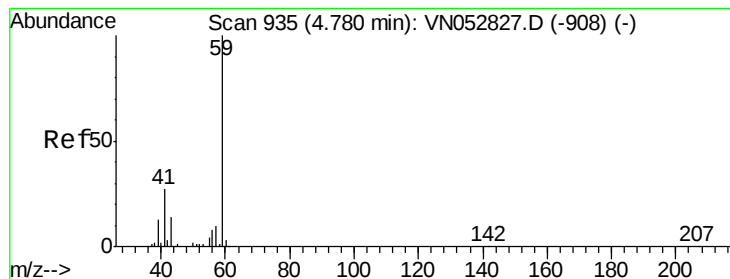
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5000

0

Time-->



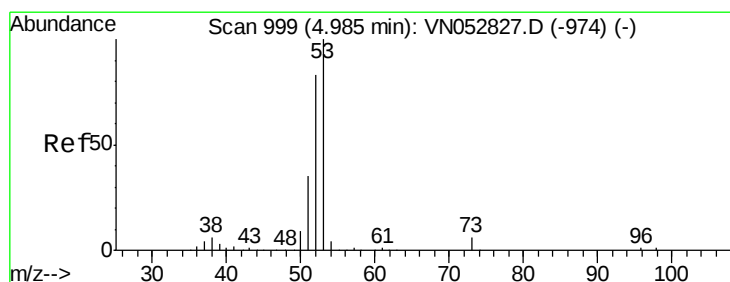
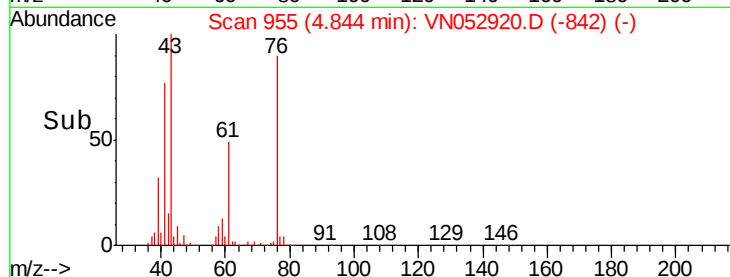
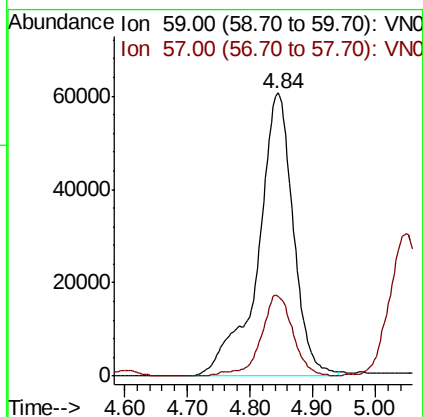
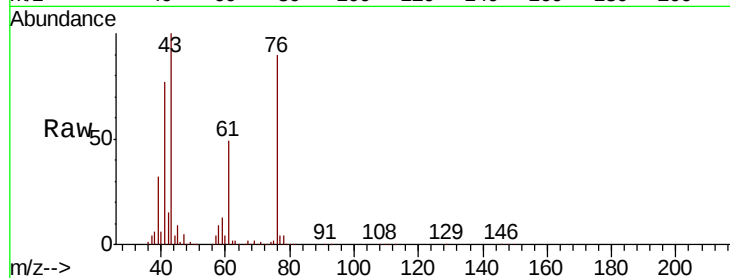


#11

Tert butyl alcohol
Concen: 293.501 ug/l
RT: 4.84 min Scan# 955
Delta R.T. 0.06 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Instrument :
MSVOA_N
ClientSampleId :

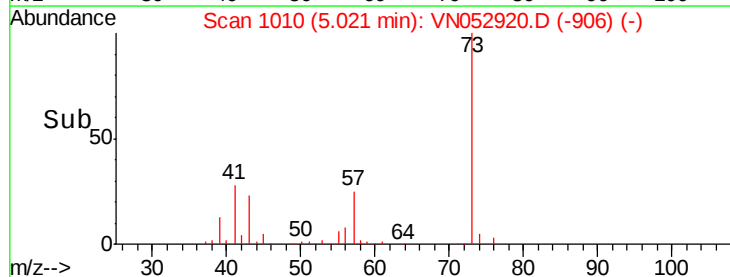
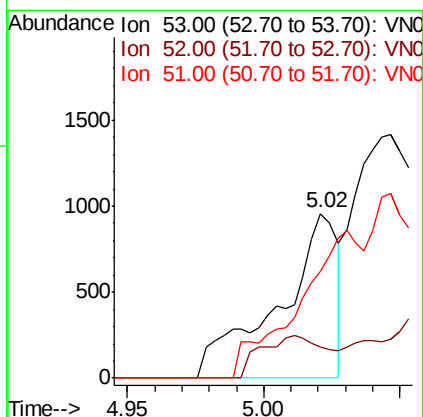
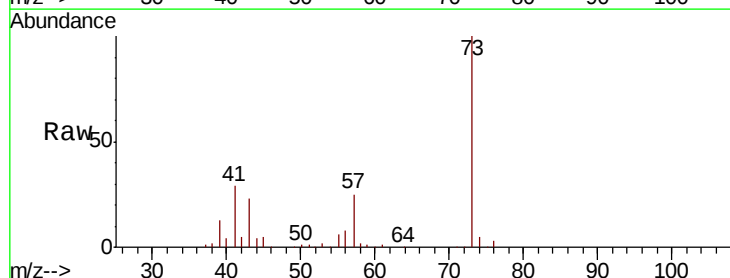
Tot Ion: 59 Resp: 238922
Ion Ratio Lower Upper
59 100
57 25.9 7.7 11.5#

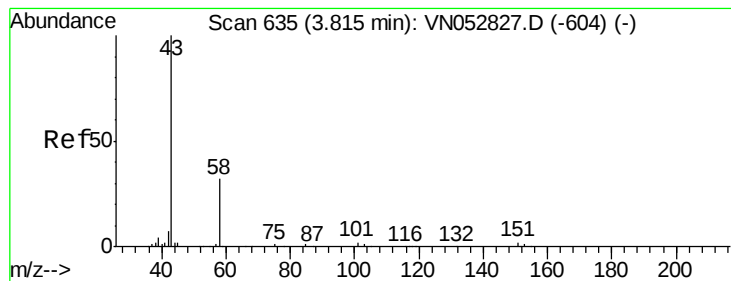


#15

Acrylonitrile
Concen: 0.314 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.04 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Tgt Ion: 53 Resp: 1434
Ion Ratio Lower Upper
53 100
52 28.5 65.1 97.7#
51 99.0 28.1 42.1#





#16

Acetone

Concen: 51.673 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

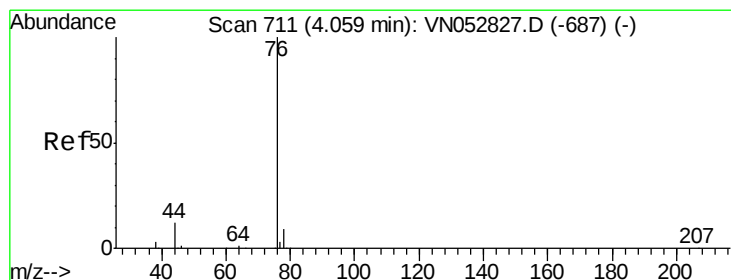
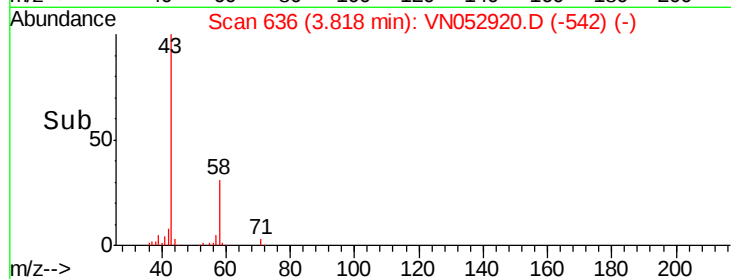
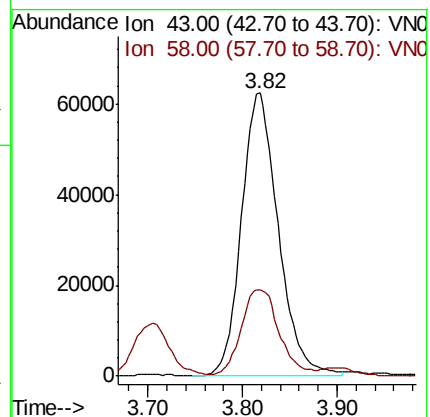
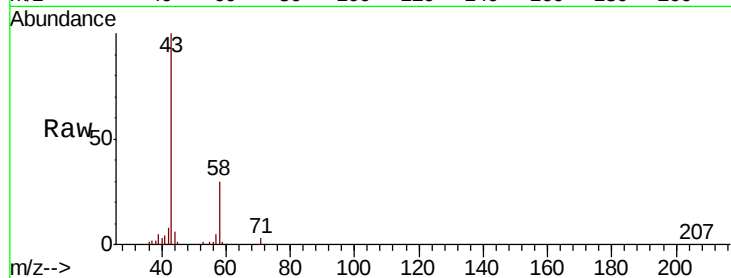
ClientSampleId :

Tot Ion: 43 Resp: 169078

Ion Ratio Lower Upper

43 100

58 28.4 25.4 38.0



#17

Carbon Disulfide

Concen: 0.271 ug/l

RT: 4.06 min Scan# 711

Delta R.T. -0.00 min

Lab File: VN052920.D

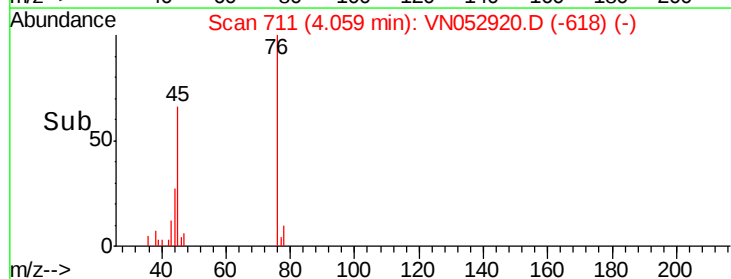
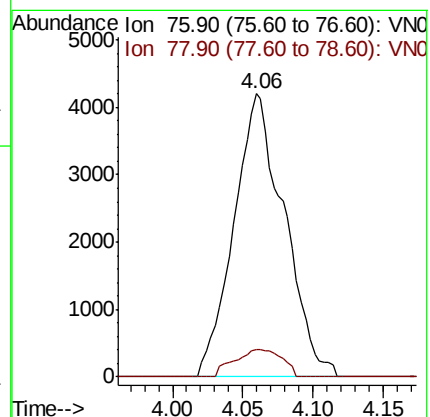
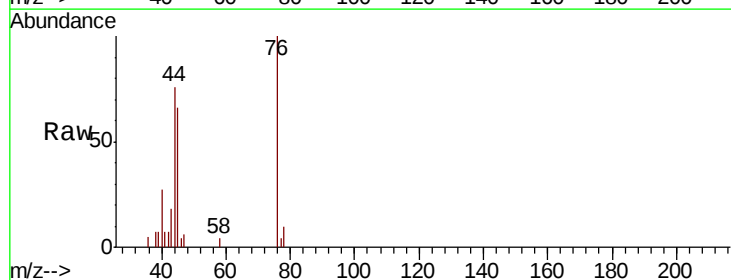
Acq: 17 Dec 2018 12:04

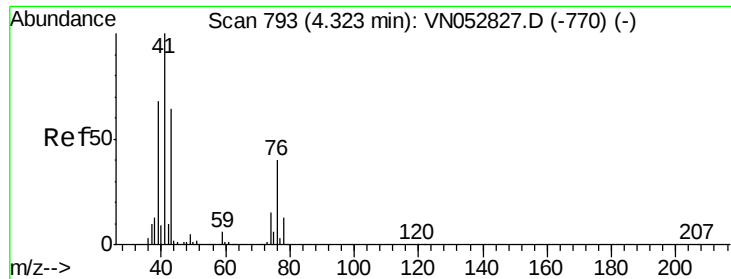
Tgt Ion: 76 Resp: 10491

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

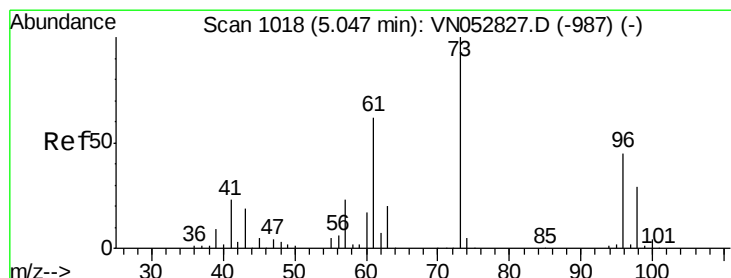
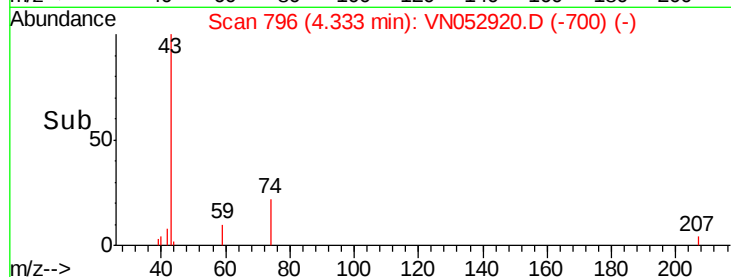
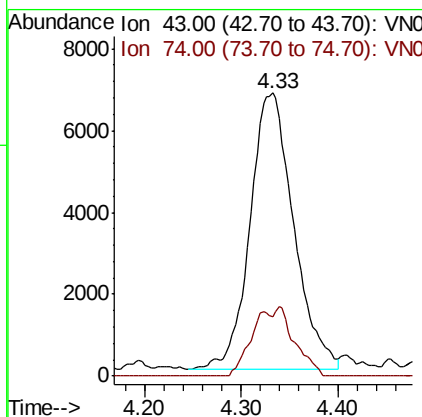
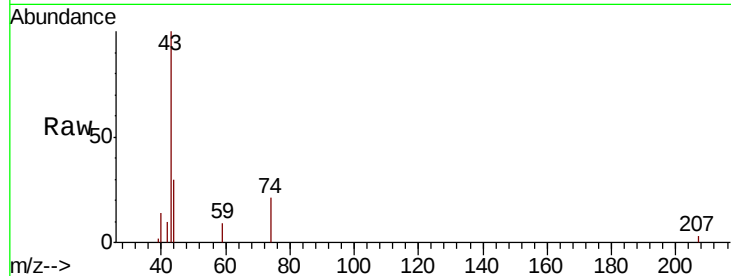




#18
Methyl Acetate
Concen: 1.772 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

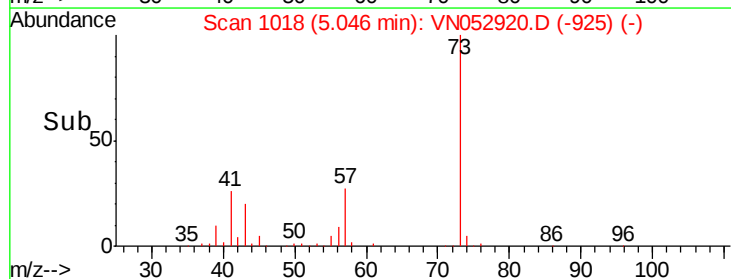
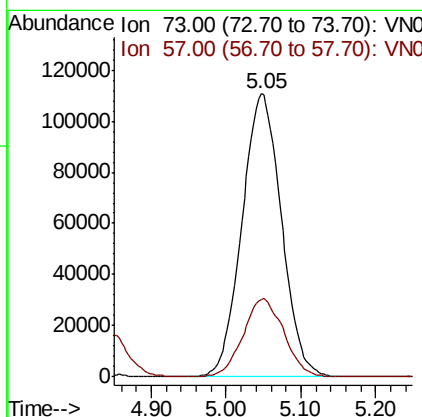
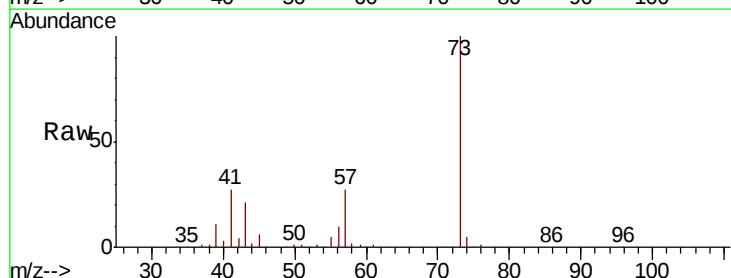
Instrument :
MSVOA_N
ClientSampleId :

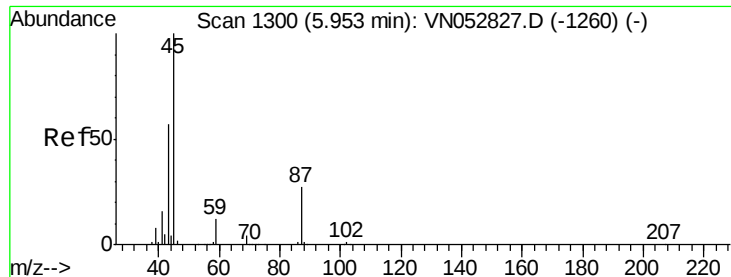
Tot Ion: 43 Resp: 21281
Ion Ratio Lower Upper
43 100
74 12.2 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 11.872 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Tgt Ion: 73 Resp: 406008
Ion Ratio Lower Upper
73 100
57 27.3 18.4 27.6

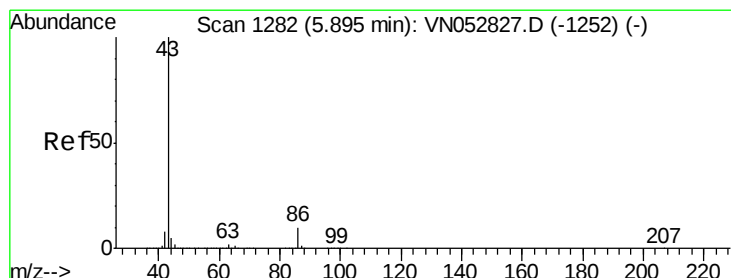
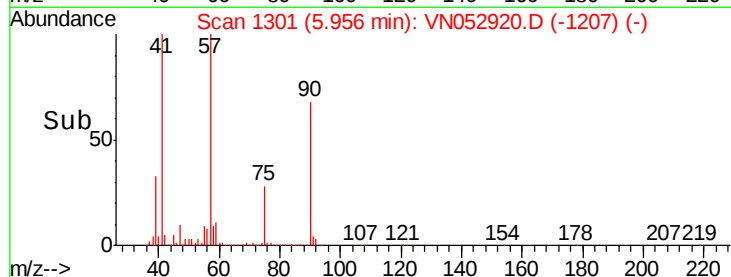
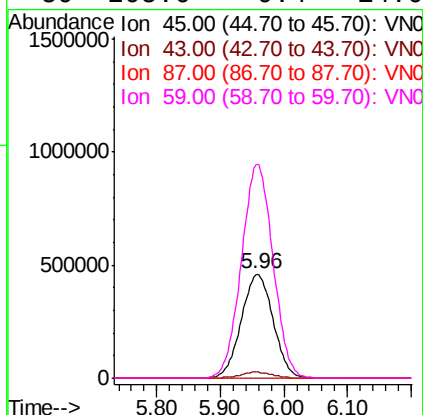
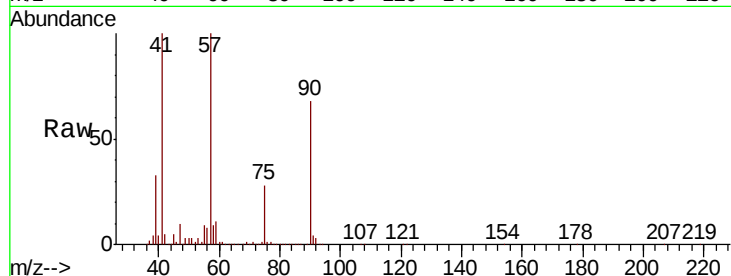




#22
Diisopropyl ether
Concen: 36.477 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

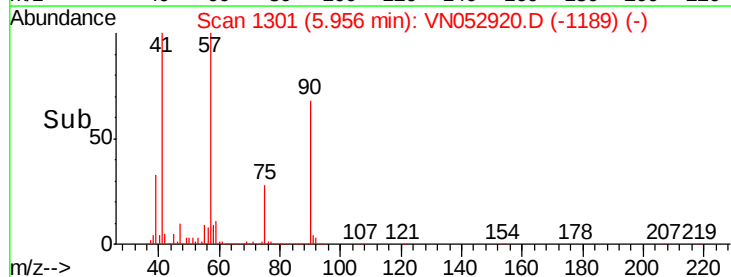
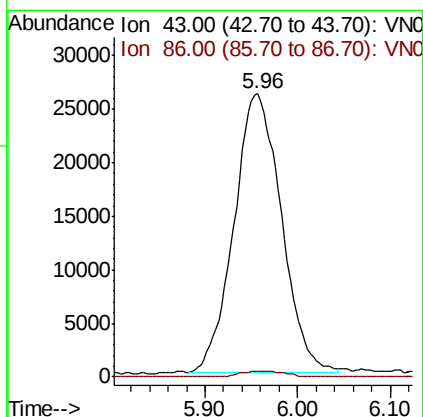
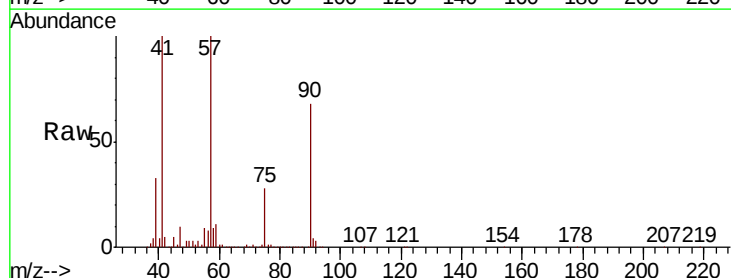
Instrument :
MSVOA_N
ClientSampleId :

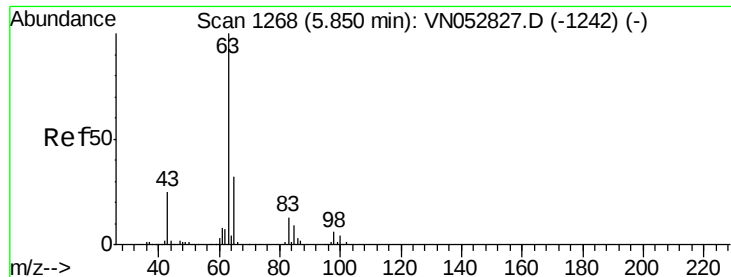
Tot Ion: 45 Resp: 1601197
Ion Ratio Lower Upper
45 100
43 5.7 45.5 68.3#
87 0.5 22.0 33.0#
59 205.6 9.4 14.0#



#23
Vinyl Acetate
Concen: 3.534 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.06 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Tgt Ion: 43 Resp: 92307
Ion Ratio Lower Upper
43 100
86 2.1 8.1 12.1#





#24

1,1-Dichloroethane

Concen: 0.456 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.11 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

ClientSampleId :

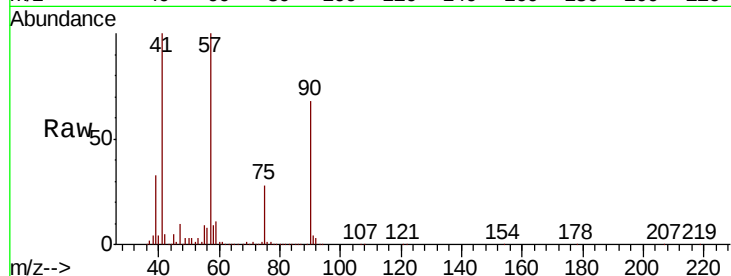
Tot Ion: 63 Resp: 11548

Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

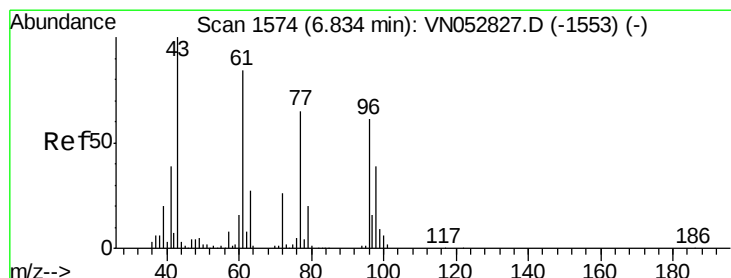
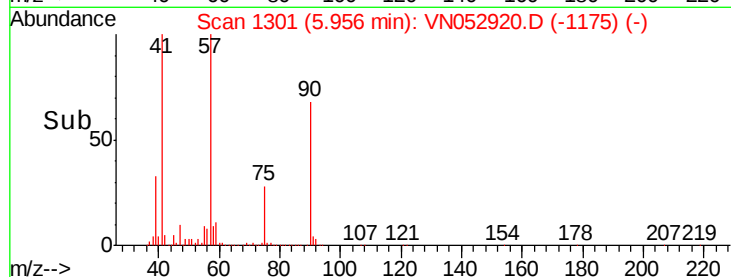
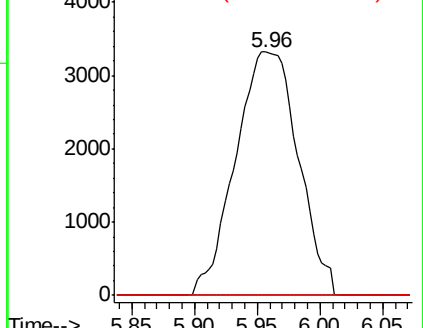
100 0.0 2.0 5.8#



Abundance Ion 62.90 (62.60 to 63.60): VN052920.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN052920.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN052920.D (-1175) (-)



#25

2-Butanone

Concen: 4.731 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN052920.D

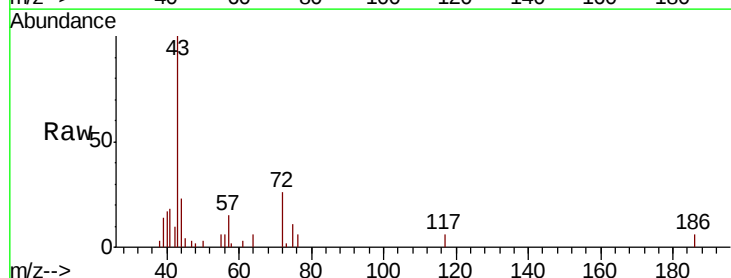
Acq: 17 Dec 2018 12:04

Tgt Ion: 43 Resp: 24020

Ion Ratio Lower Upper

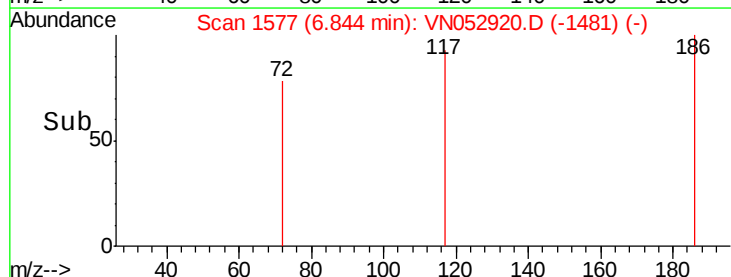
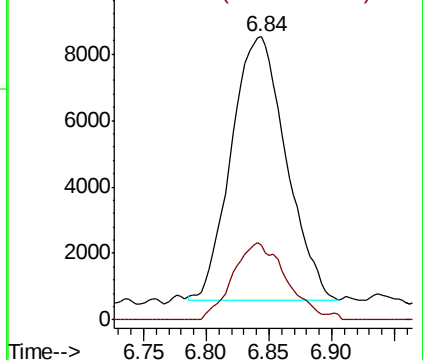
43 100

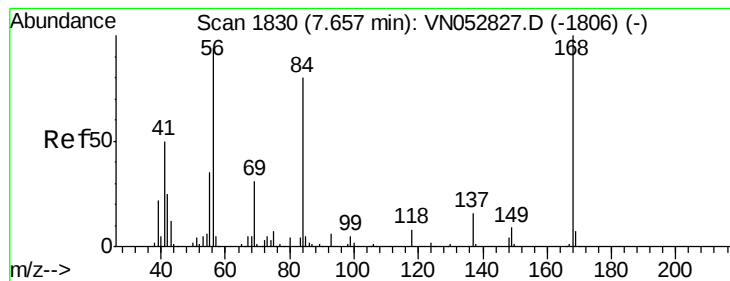
72 28.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN052920.D (-1481) (-)

Ion 72.00 (71.70 to 72.70): VN052920.D (-1481) (-)





#31

Cyclohexane

Concen: 1.958 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :
MSVOA_N
ClientSampled :

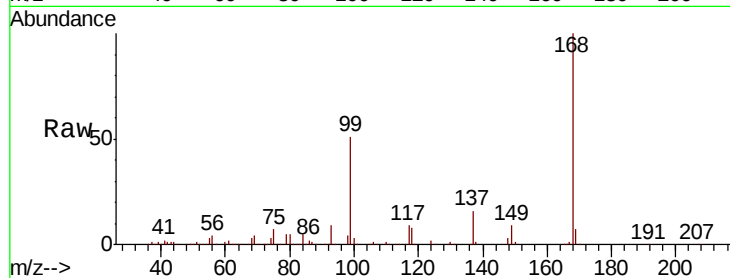
Tot Ion: 56 Resp: 62091

Ion Ratio Lower Upper

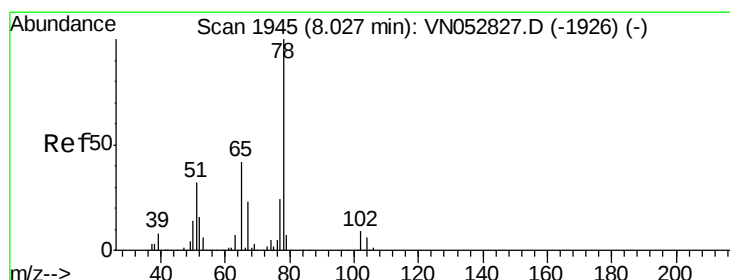
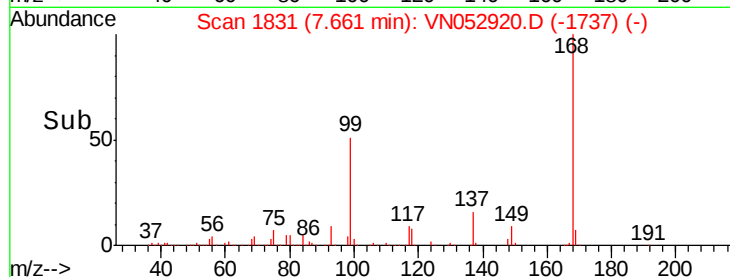
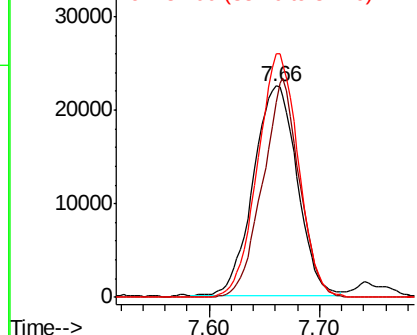
56 100

69 93.0 26.6 39.8#

84 116.0 68.4 102.6#



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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052920.D

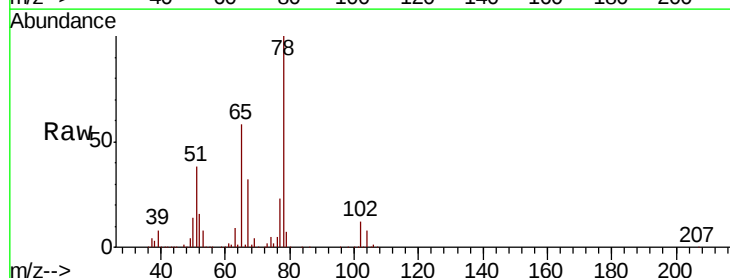
Acq: 17 Dec 2018 12:04

Tgt Ion: 65 Resp: 671772

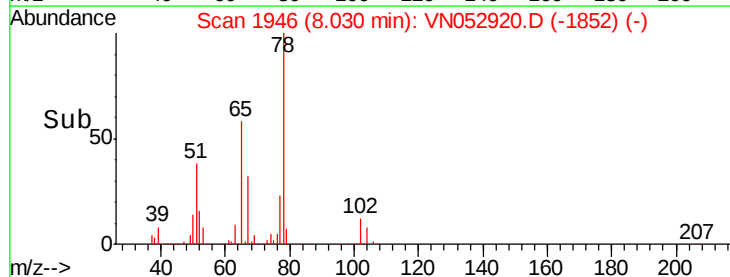
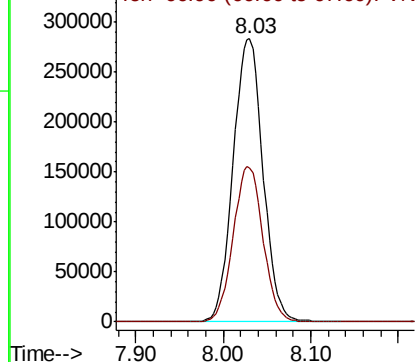
Ion Ratio Lower Upper

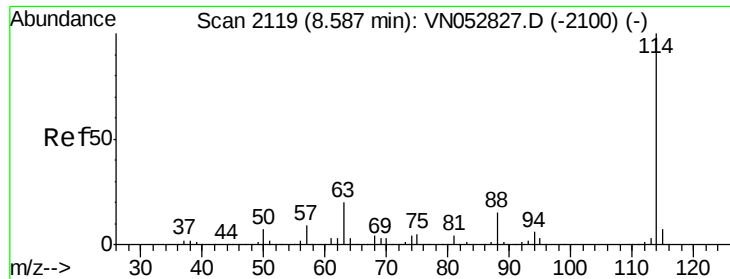
65 100

67 54.6 0.0 110.4



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



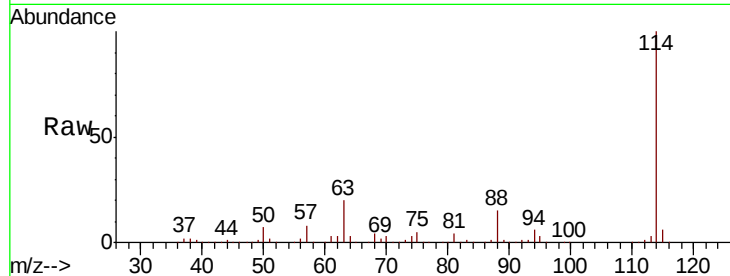


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

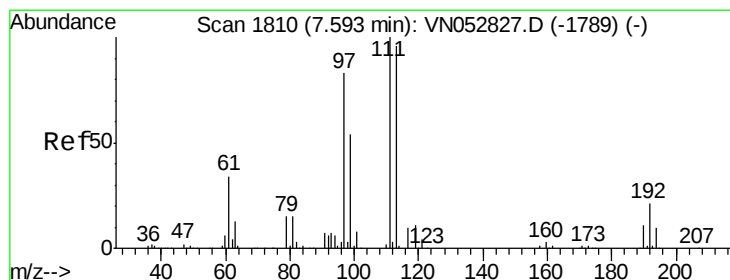
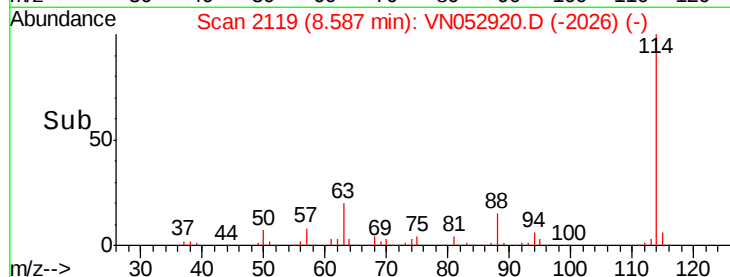
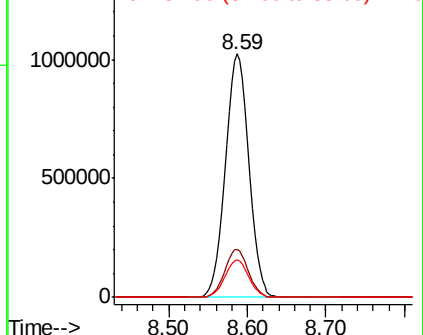
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2101379

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.3	0.0	31.0



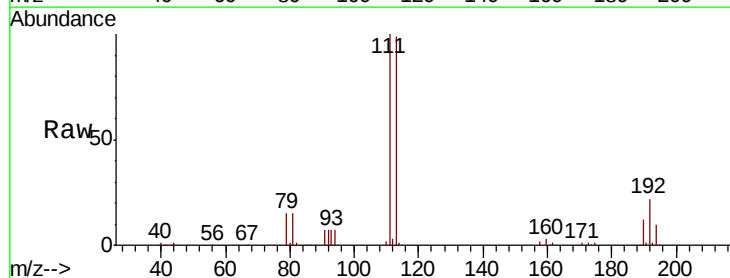
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



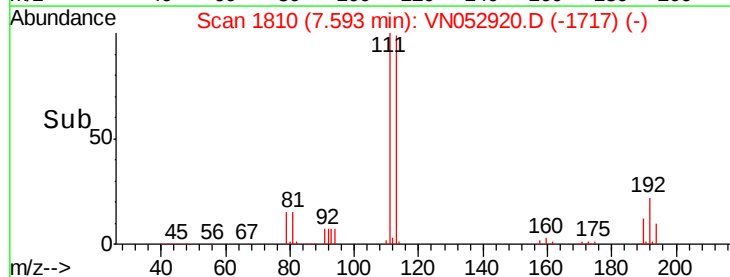
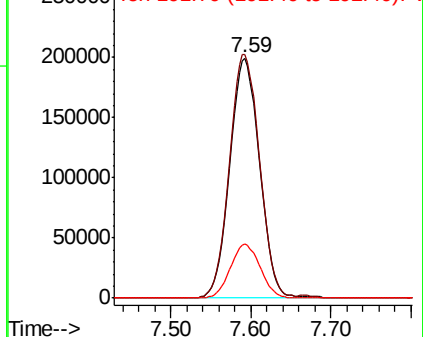
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

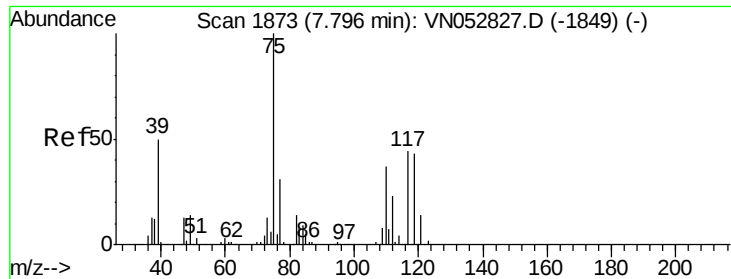
Tgt Ion:113 Resp: 503981

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.4	17.5	26.3



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

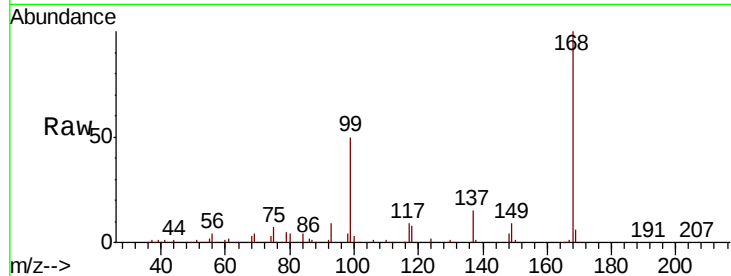




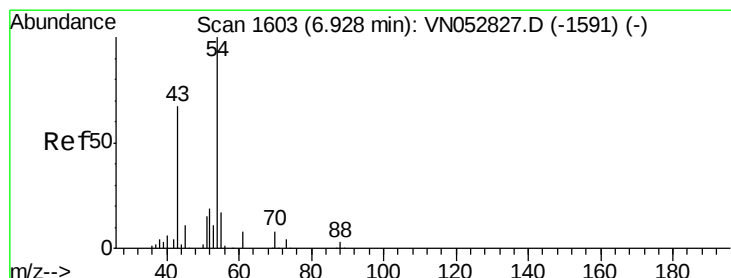
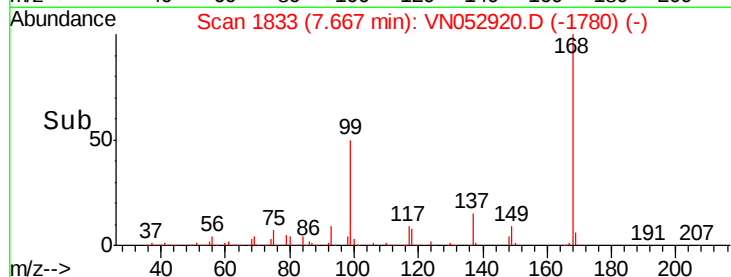
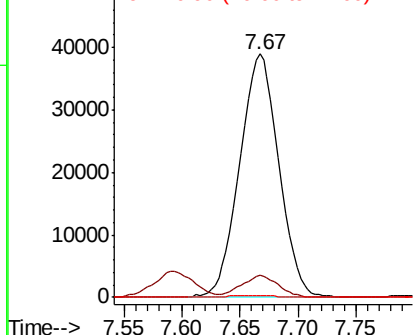
#36
 1,1-Dichloropropene
 Concen: 4.729 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 91505
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.2 54.6#
 77 0.0 24.9 37.3#

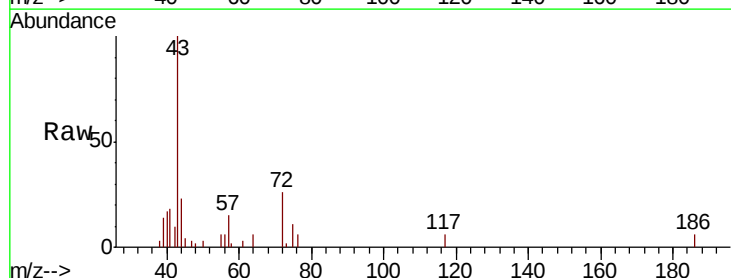


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

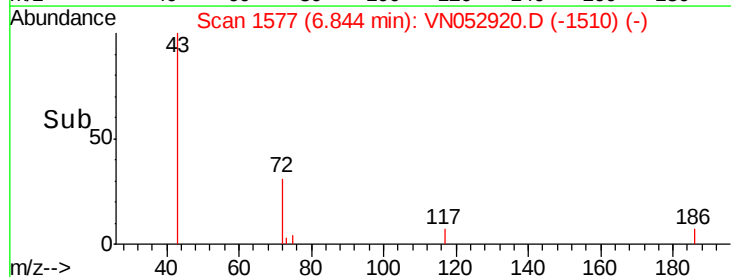
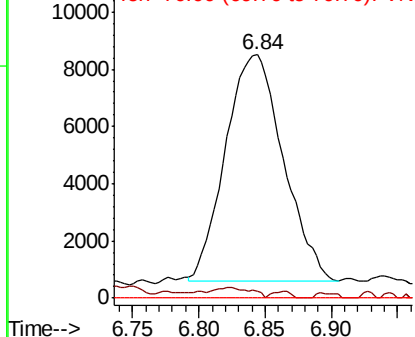


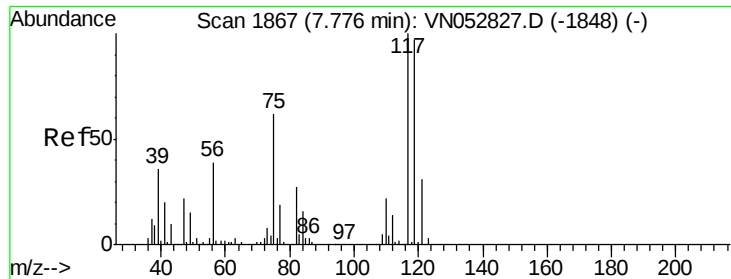
#37
 Ethyl Acetate
 Concen: 2.062 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.08 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

Tgt Ion: 43 Resp: 23968
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.624 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

ClientSampleId :

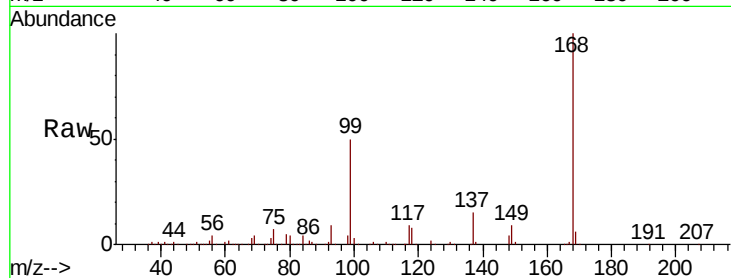
Tot Ion:117 Resp: 117983

Ion Ratio Lower Upper

117 100

119 5.0 77.1 115.7#

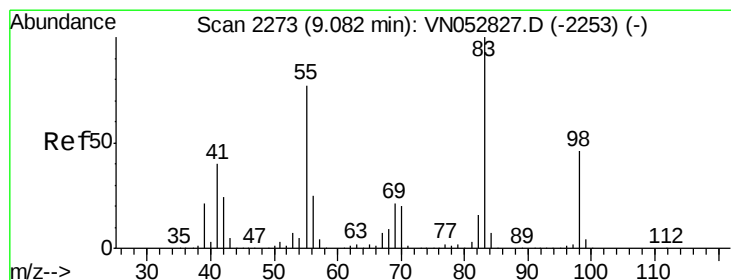
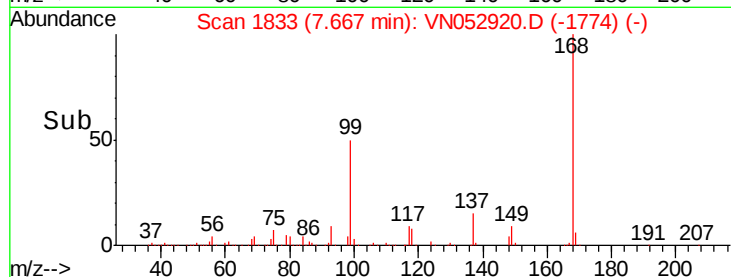
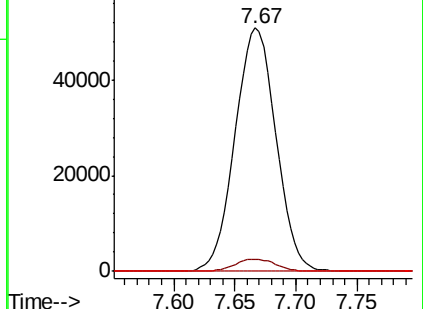
121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 1.312 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

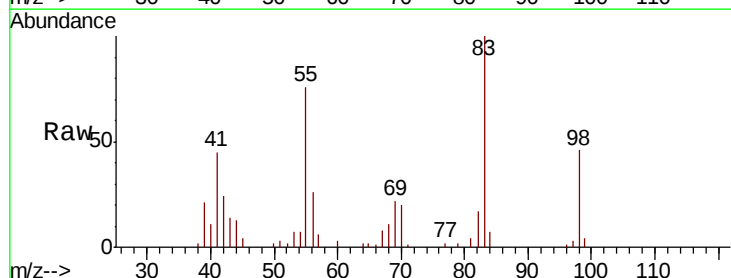
Tgt Ion: 83 Resp: 31155

Ion Ratio Lower Upper

83 100

55 74.7 61.3 91.9

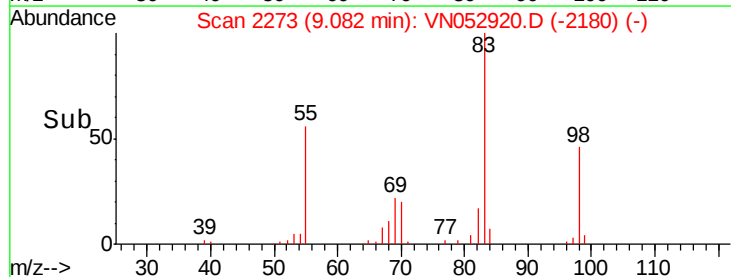
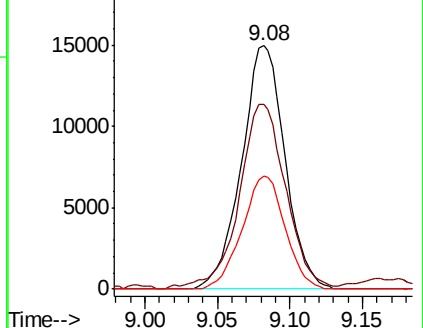
98 46.3 37.0 55.4

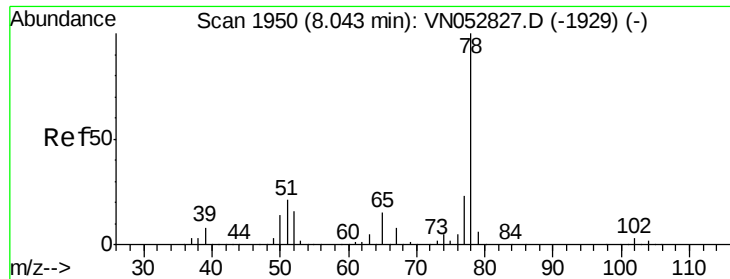


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 28.633 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

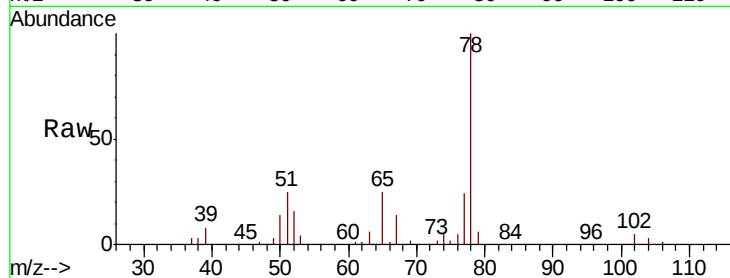
ClientSampleId :

Tot Ion: 78 Resp: 1662992

Ion Ratio Lower Upper

78 100

77 23.7 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.04

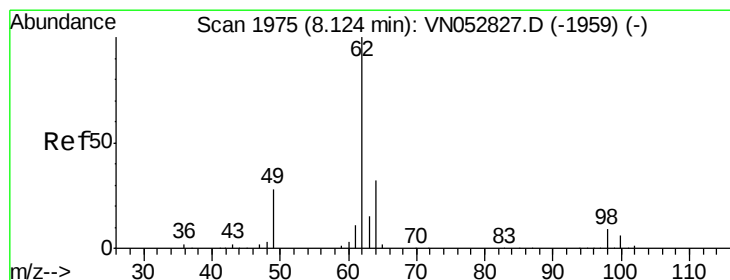
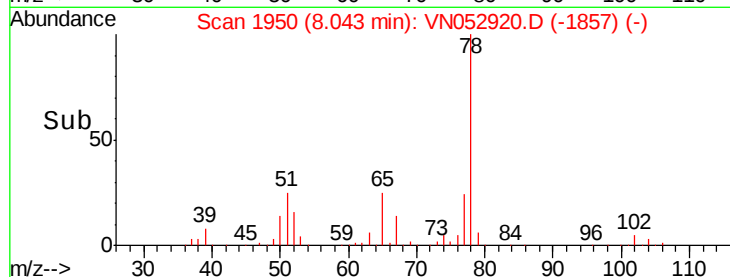
600000

400000

200000

0

Time-->



#42

1,2-Dichloroethane

Concen: 0.751 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. -0.08 min

Lab File: VN052920.D

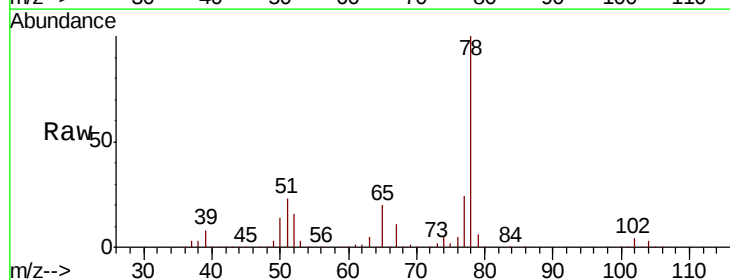
Acq: 17 Dec 2018 12:04

Tgt Ion: 62 Resp: 13133

Ion Ratio Lower Upper

62 100

98 7.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.05

8000

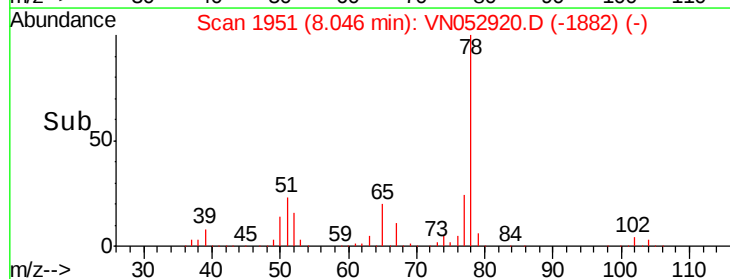
6000

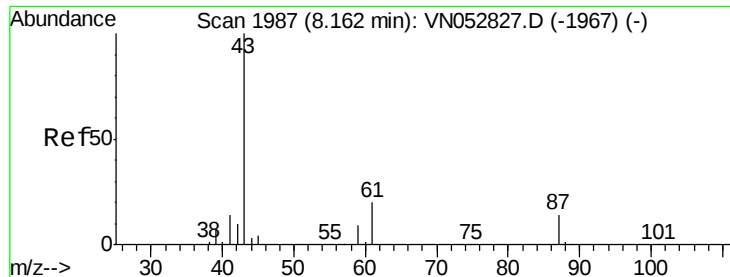
4000

2000

0

Time-->





#43

Isopropyl Acetate

Concen: 0.539 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

ClientSampled :

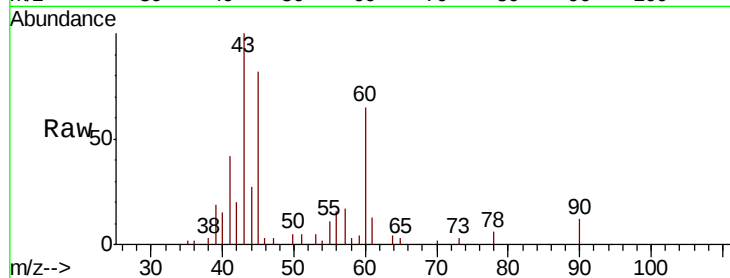
Tot Ion: 43 Resp: 12847

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052920.D (-2000) (-)

Ion 61.00 (60.70 to 61.70): VN052920.D (-2000) (-)

Ion 87.00 (86.70 to 87.70): VN052920.D (-2000) (-)

150000

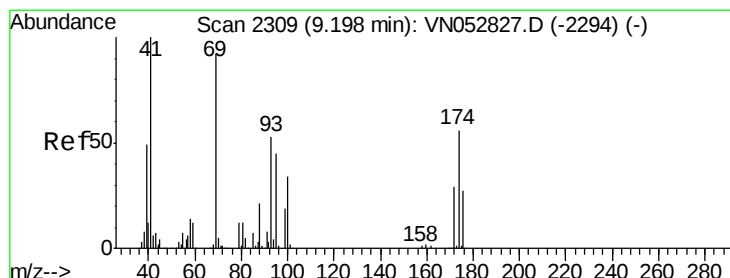
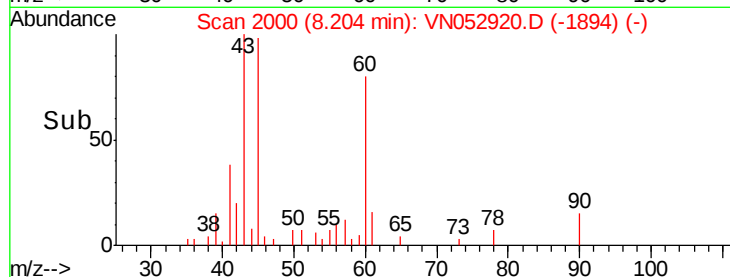
100000

50000

0

8.15 8.20

Time-->



#49

1,4-Dioxane

Concen: 5.293 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

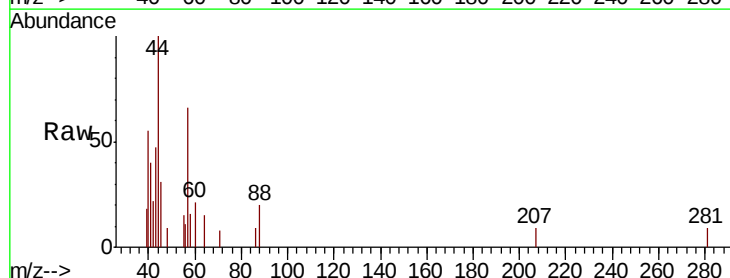
Tgt Ion: 88 Resp: 628

Ion Ratio Lower Upper

88 100

43 0.0 26.6 40.0#

58 37.3 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VN052920.D (-2309) (-)

Ion 43.00 (42.70 to 43.70): VN052920.D (-2309) (-)

Ion 58.00 (57.70 to 58.70): VN052920.D (-2309) (-)

10000

8000

6000

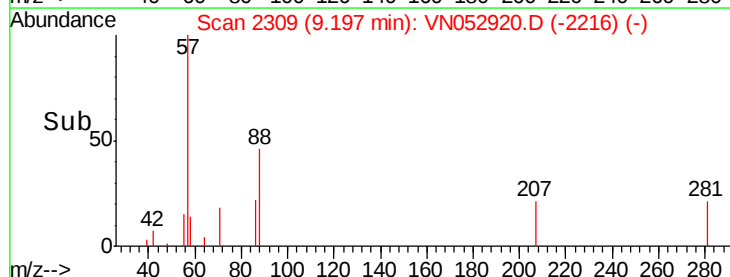
4000

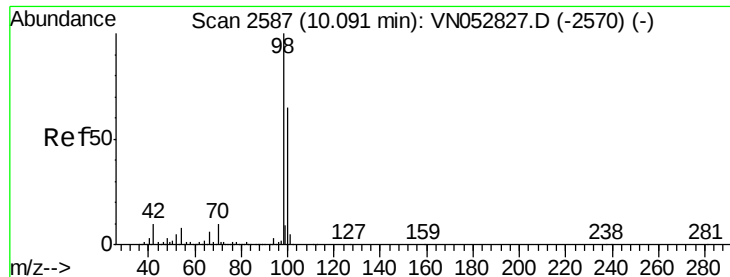
2000

0

9.16 9.18 9.20 9.22 9.24

Time-->





#50

Toluene-d8

Concen: 5.293 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

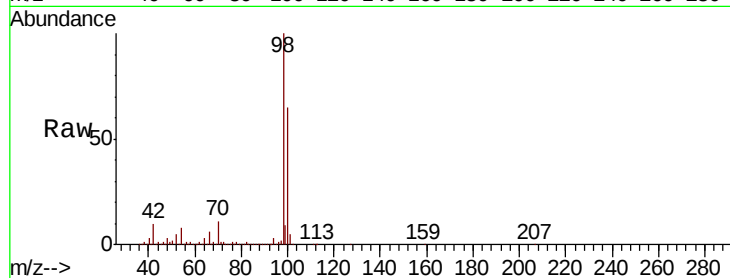
ClientSampleId :

Tot Ion: 98 Resp: 2555821

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)

10.09

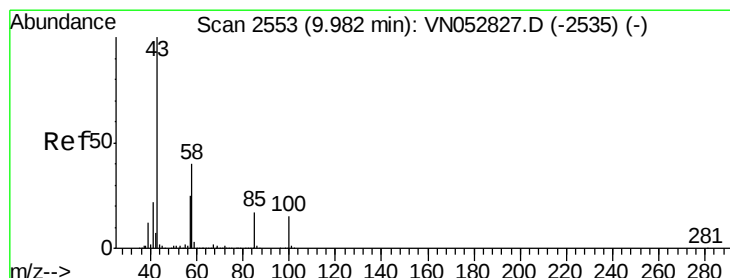
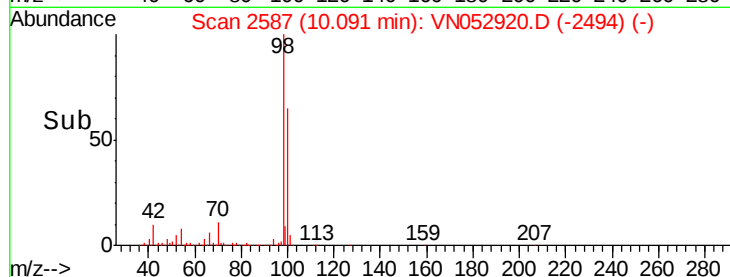
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.741 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052920.D

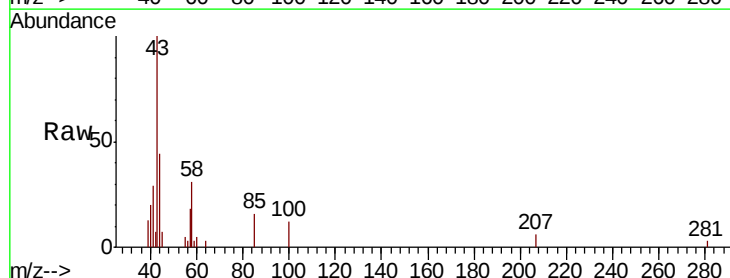
Acq: 17 Dec 2018 12:04

Tgt Ion: 43 Resp: 8097

Ion Ratio Lower Upper

43 100

58 38.6 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-2535) (-)

9.98

12000

10000

8000

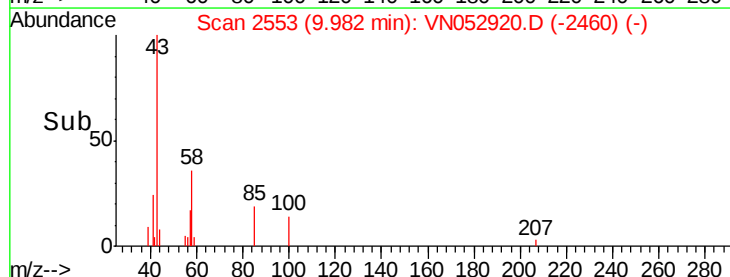
6000

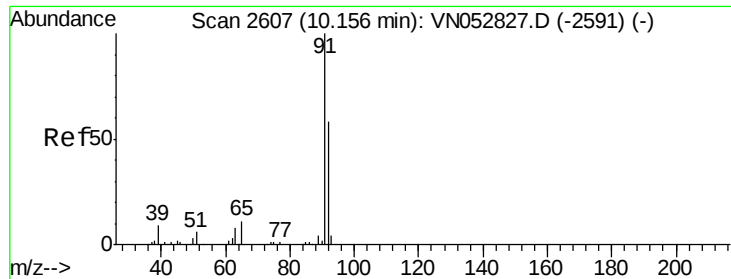
4000

2000

0

Time-->





#52

Toluene

Concen: 119.010 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

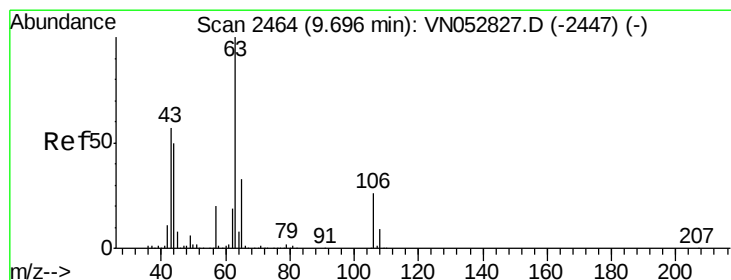
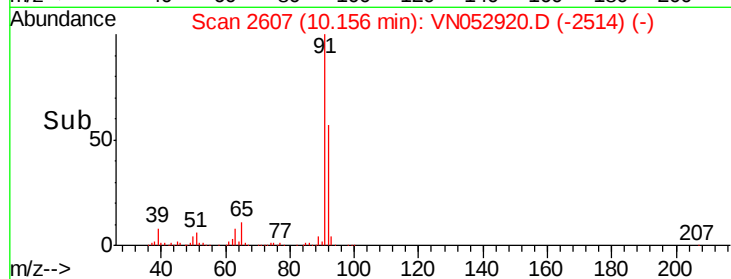
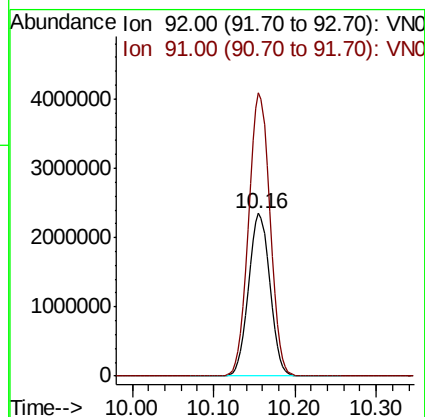
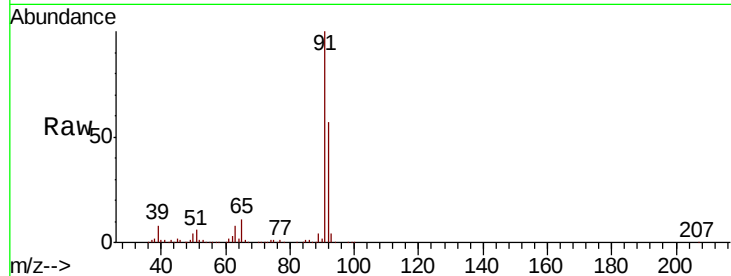
ClientSampled :

Tot Ion: 92 Resp: 4186320

Ion Ratio Lower Upper

92 100

91 174.4 139.8 209.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.374 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.12 min

Lab File: VN052920.D

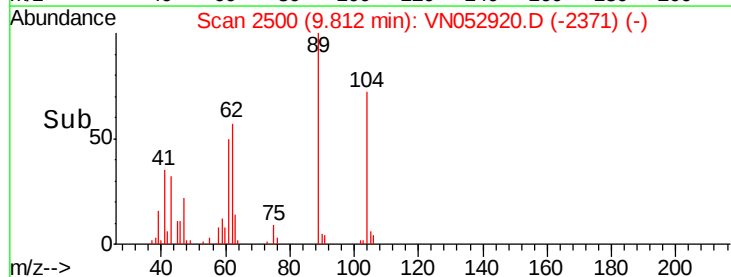
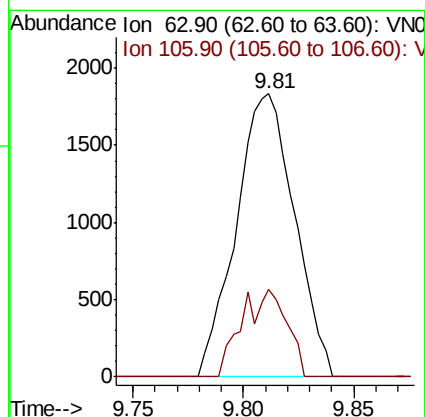
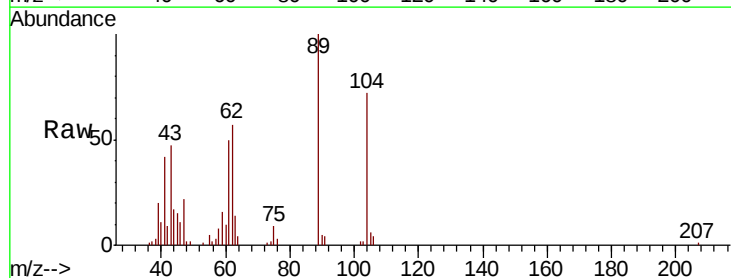
Acq: 17 Dec 2018 12:04

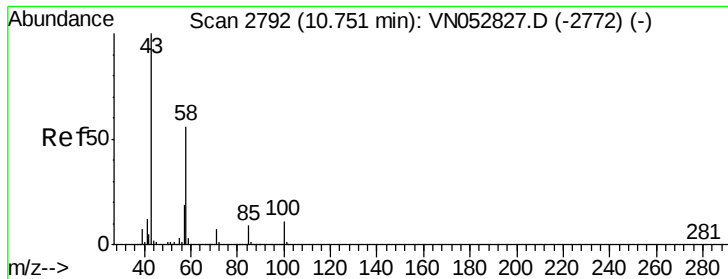
Tgt Ion: 63 Resp: 3363

Ion Ratio Lower Upper

63 100

106 23.9 21.0 31.6

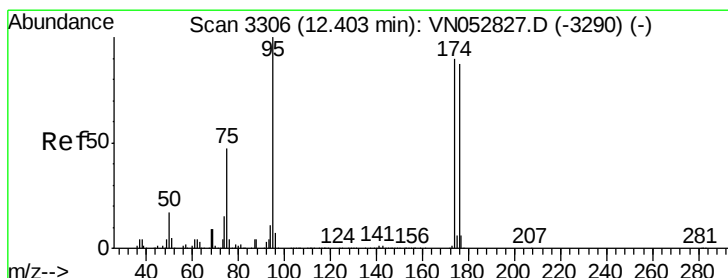
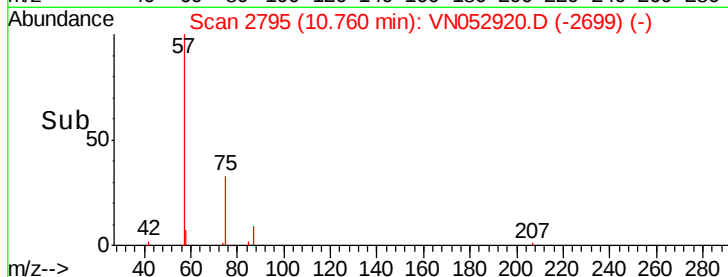
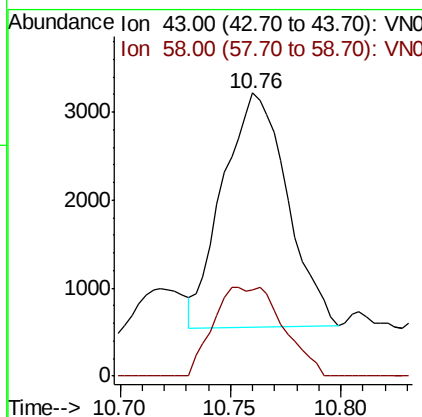
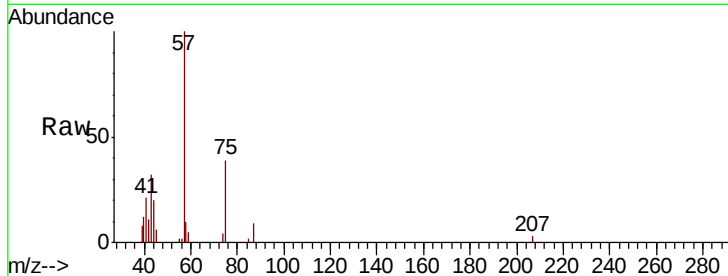




#59
2-Hexanone
Concen: 0.720 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

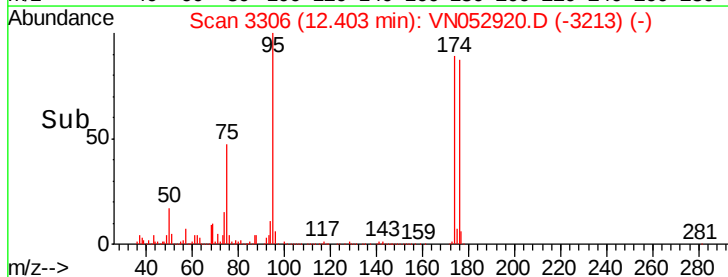
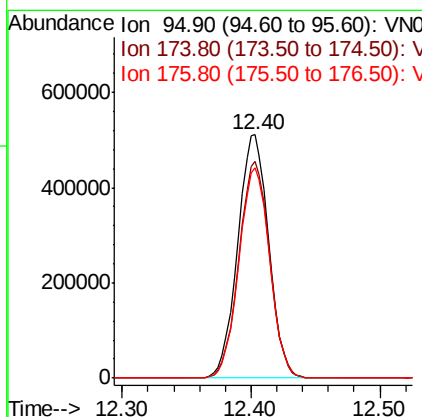
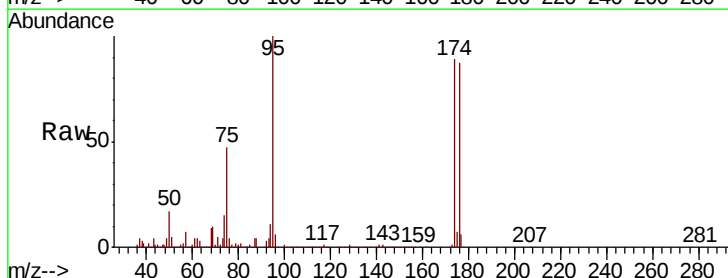
Instrument :
MSVOA_N
ClientSampleId :

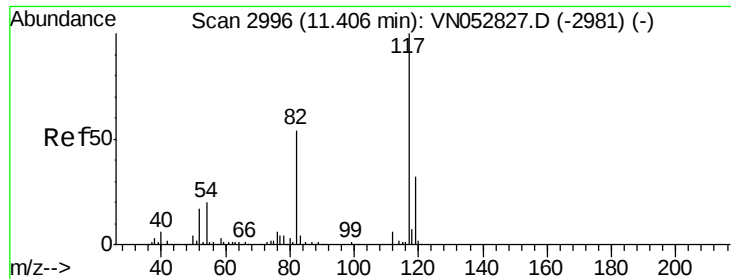
Tot Ion: 43 Resp: 5390
Ion Ratio Lower Upper
43 100
58 41.1 28.1 84.3



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Tgt Ion: 95 Resp: 851850
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.8
176 86.1 0.0 173.8

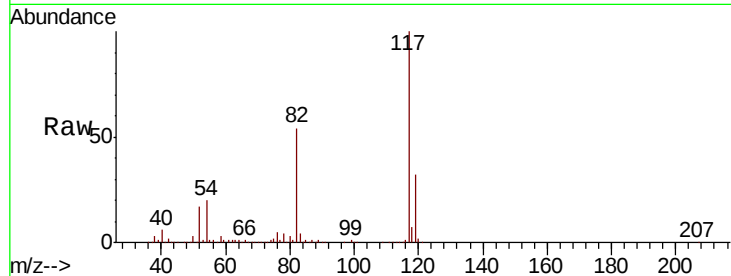




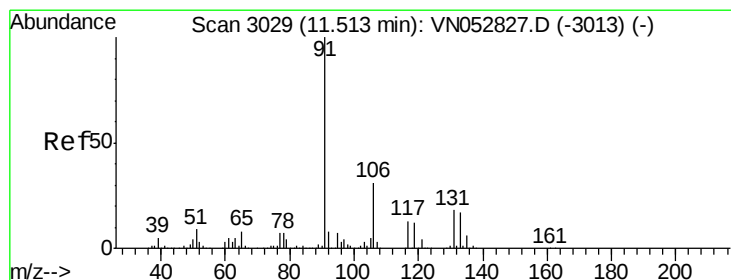
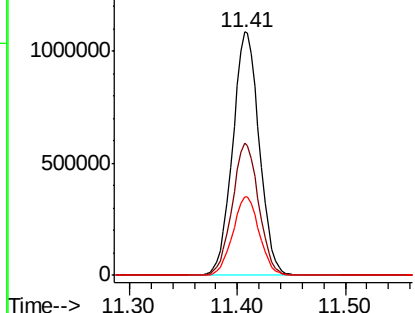
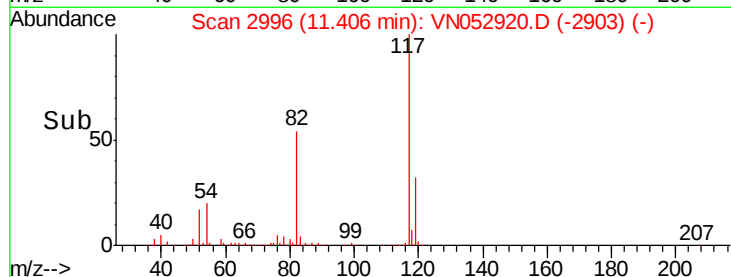
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1866692
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 32.4 25.5 38.3

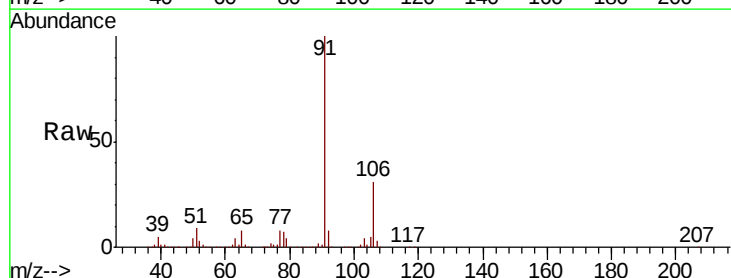


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

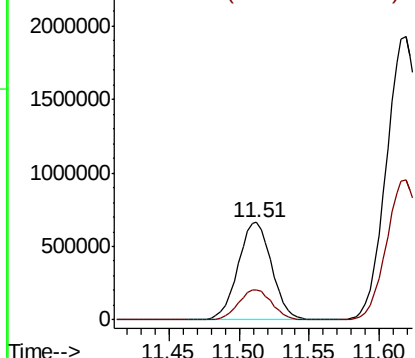
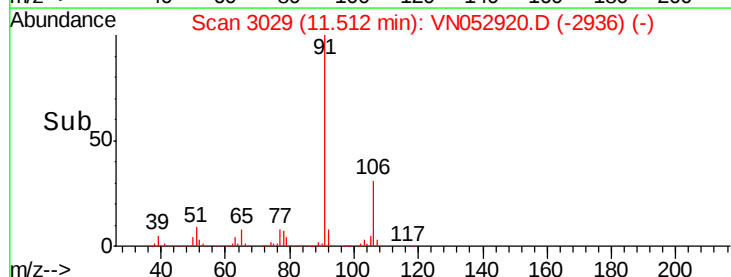


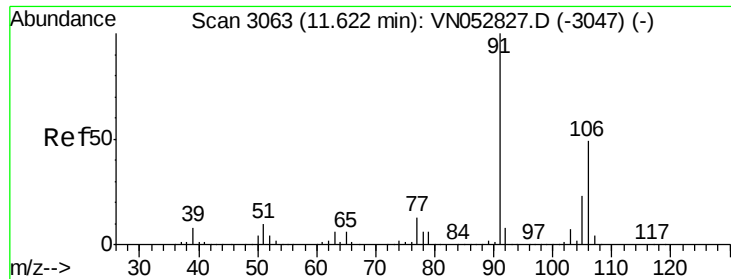
#67
Ethyl Benzene
Concen: 16.631 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Tgt Ion: 91 Resp: 1106084
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



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

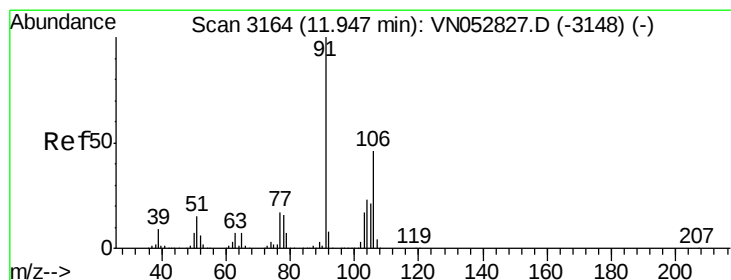
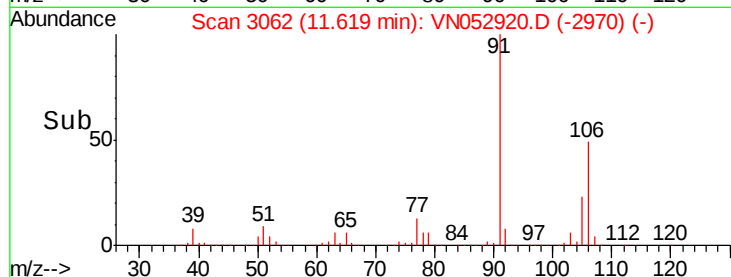
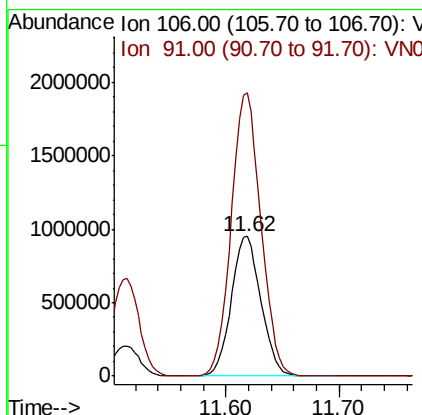
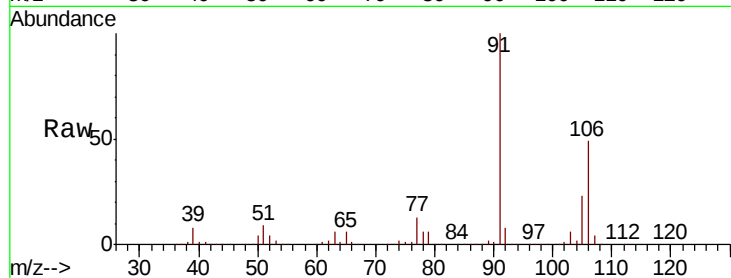




#68
m/p-Xylenes
Concen: 69.119 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

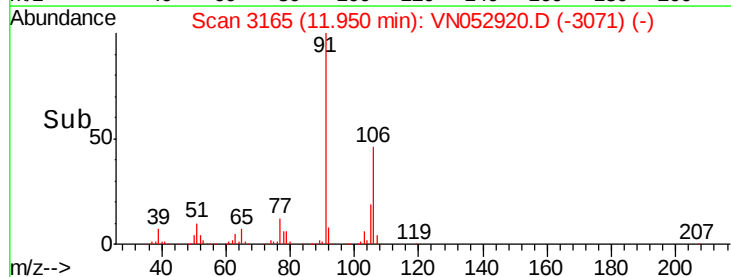
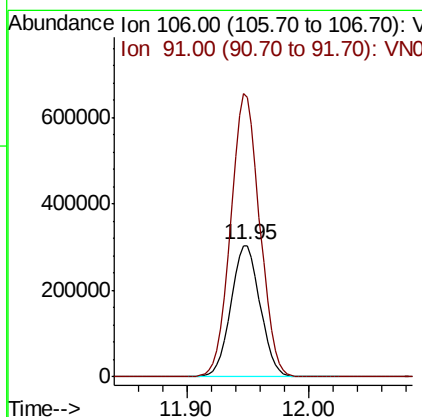
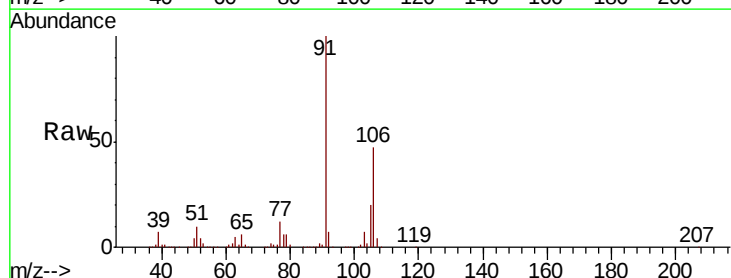
Instrument :
MSVOA_N
ClientSampled :

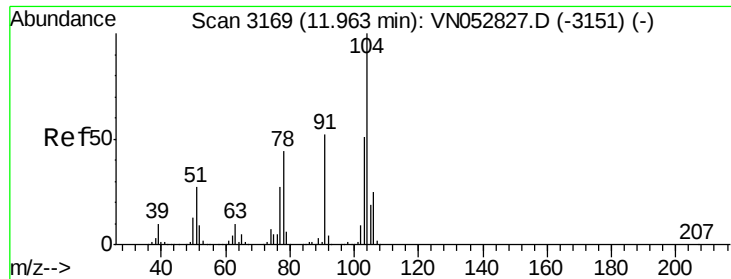
Tot Ion:106 Resp: 1726075
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.4



#69
o-Xylene
Concen: 20.763 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052920.D
Acq: 17 Dec 2018 12:04

Tgt Ion:106 Resp: 506300
Ion Ratio Lower Upper
106 100
91 213.9 106.6 319.8





#70

Stvrene

Concen: 0.729 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

ClientSampled :

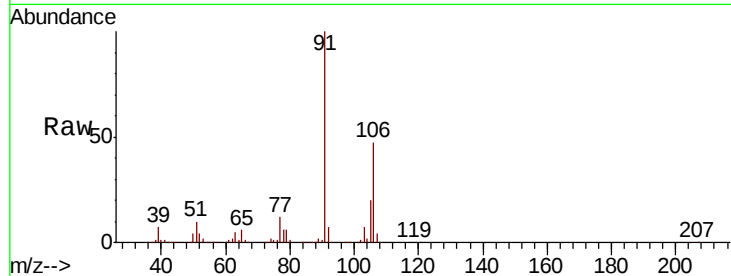
Tot Ion:104 Resp: 28559

Ion Ratio Lower Upper

104 100

78 251.0 38.9 58.3#

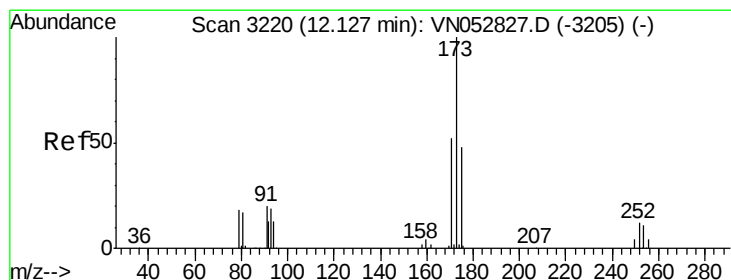
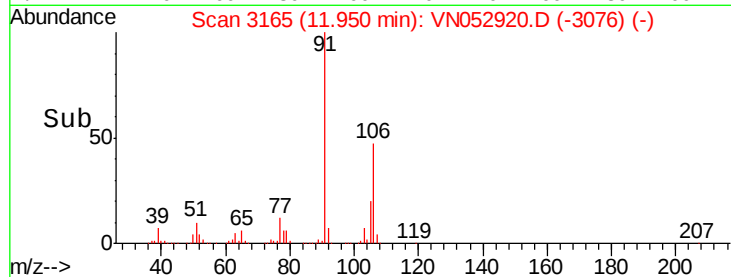
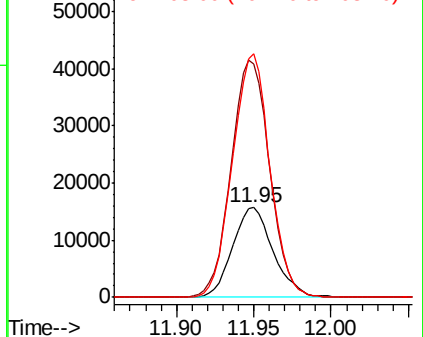
103 250.2 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.611 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

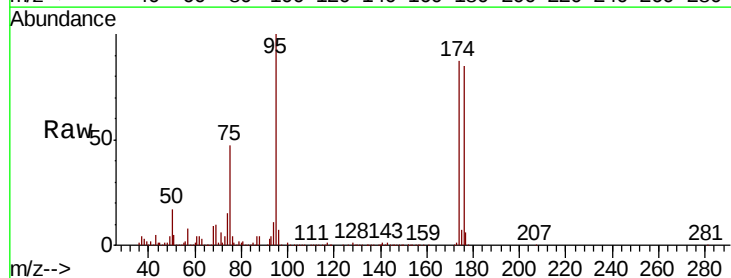
Tgt Ion:173 Resp: 5590

Ion Ratio Lower Upper

173 100

175 859.9 24.3 72.9#

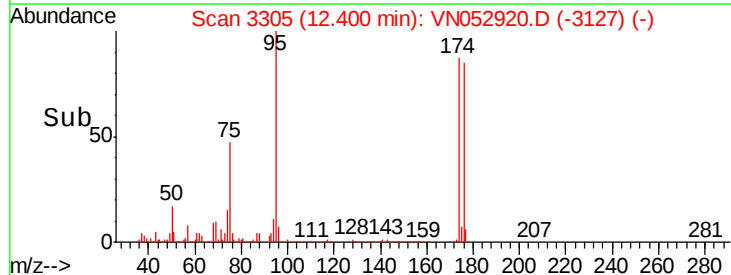
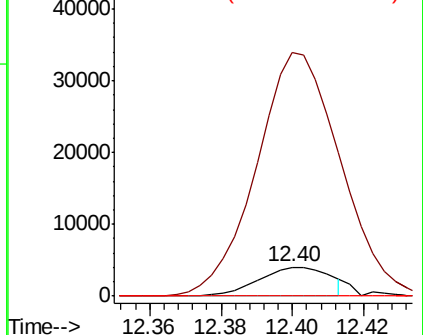
254 0.0 0.1 0.1#

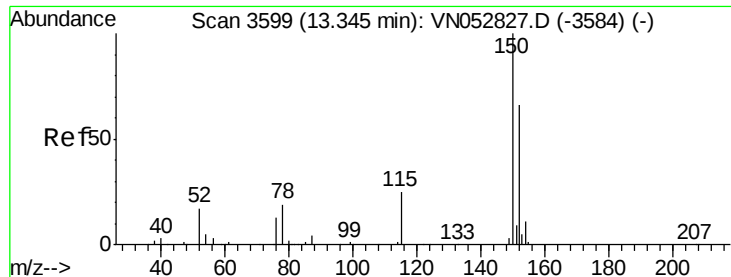


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

ClientSampled :

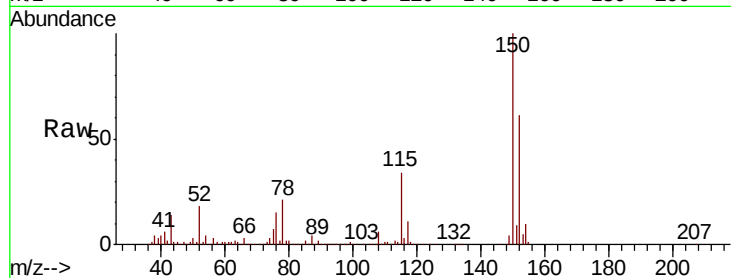
Tot Ion:152 Resp: 775941

Ion Ratio Lower Upper

152 100

115 56.0 28.3 85.0

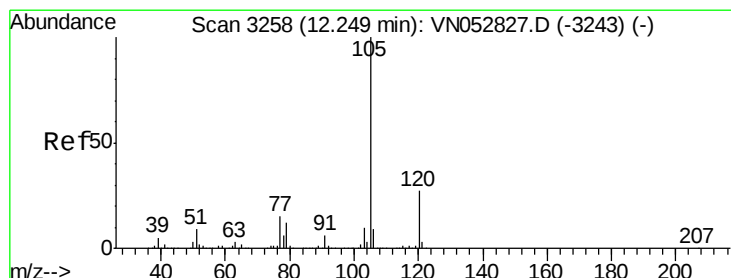
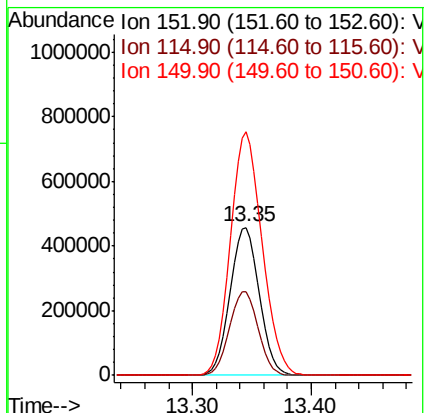
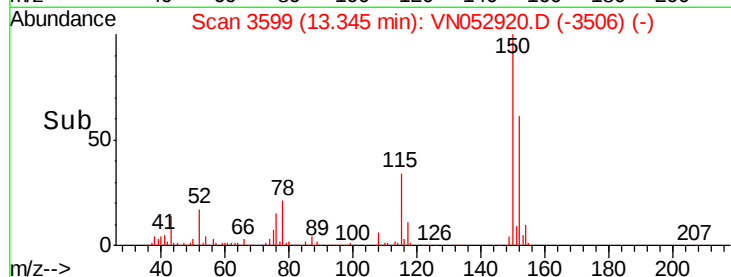
150 178.8 0.0 347.8



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: 0.556 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052920.D

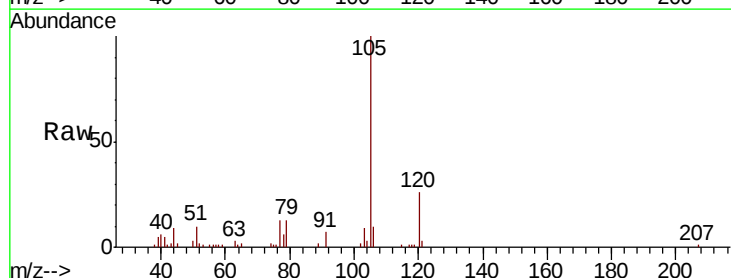
Acq: 17 Dec 2018 12:04

Tgt Ion:105 Resp: 32233

Ion Ratio Lower Upper

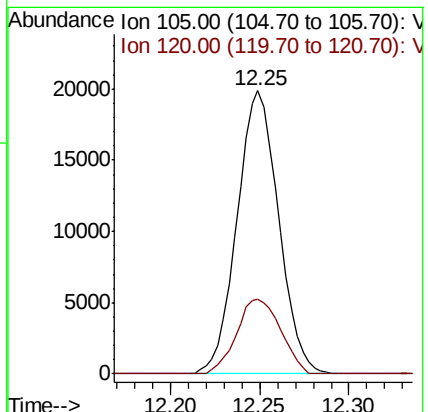
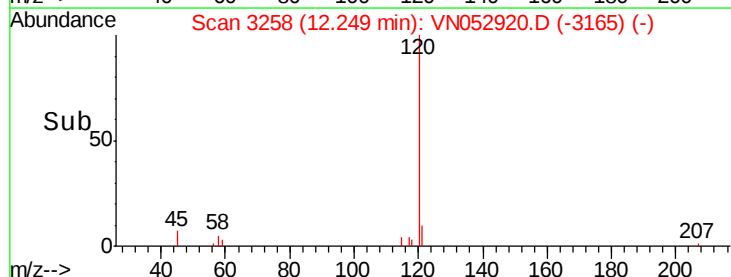
105 100

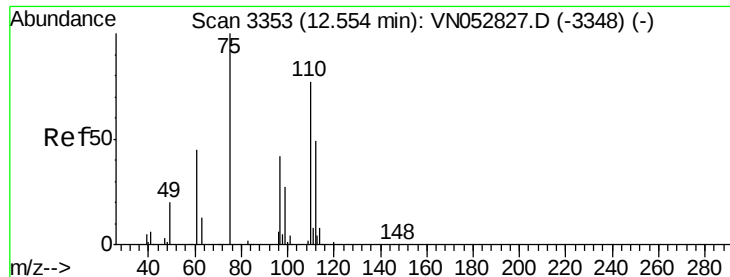
120 27.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 35.300 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

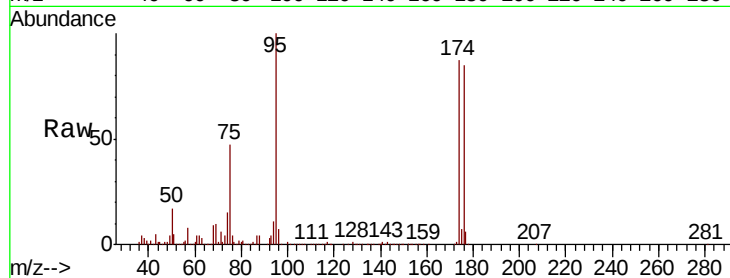
ClientSampled :

Tot Ion: 75 Resp: 404116

Ion Ratio Lower Upper

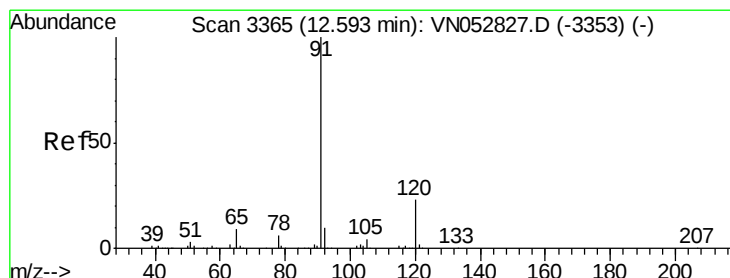
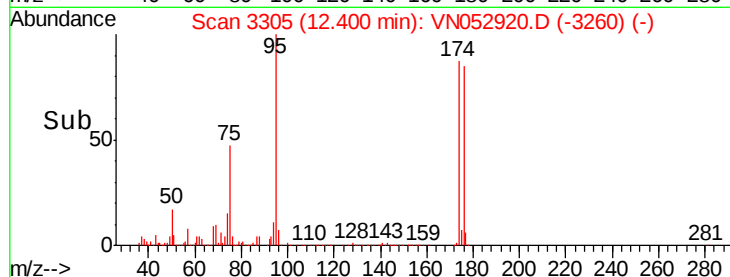
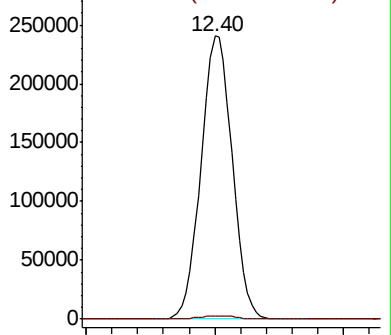
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.391 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052920.D

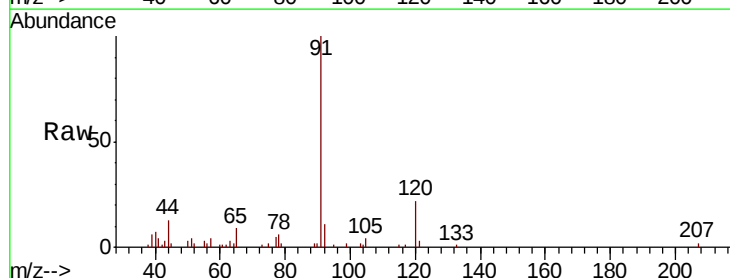
Acq: 17 Dec 2018 12:04

Tgt Ion: 91 Resp: 25809

Ion Ratio Lower Upper

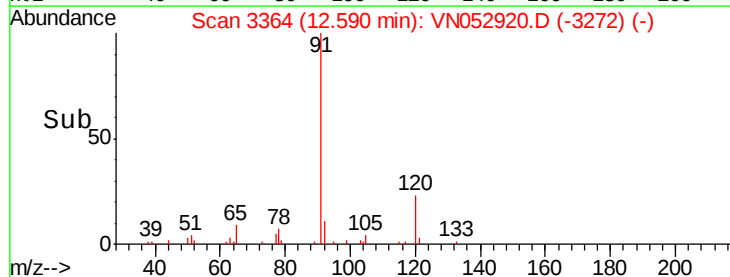
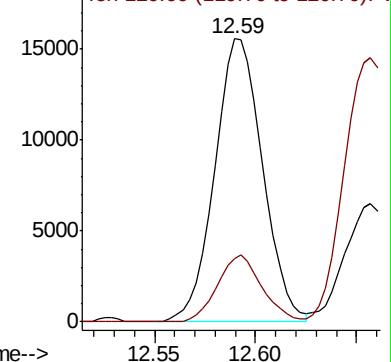
91 100

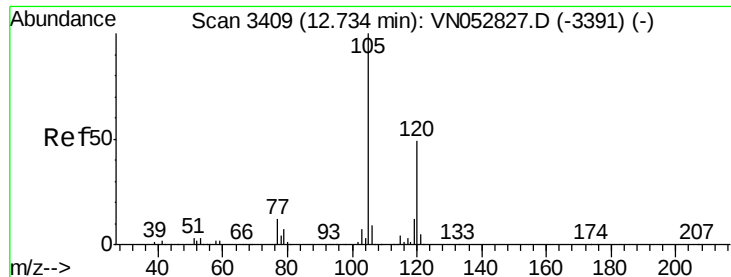
120 22.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

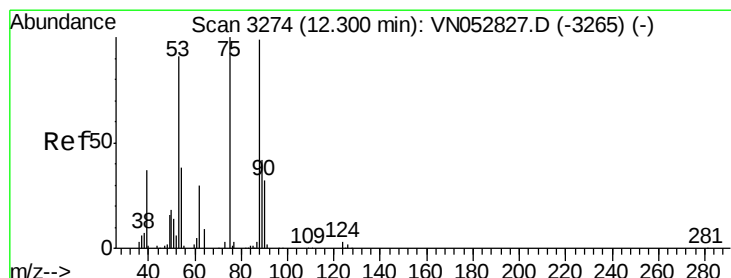
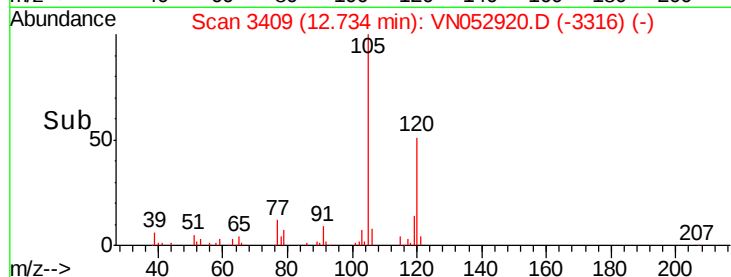
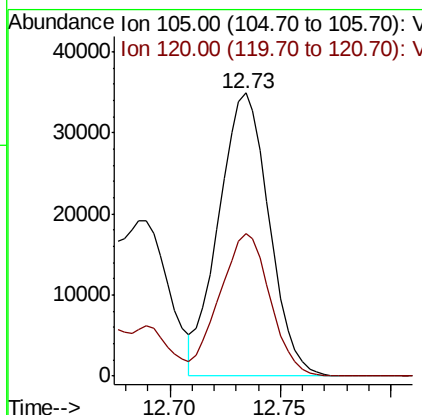
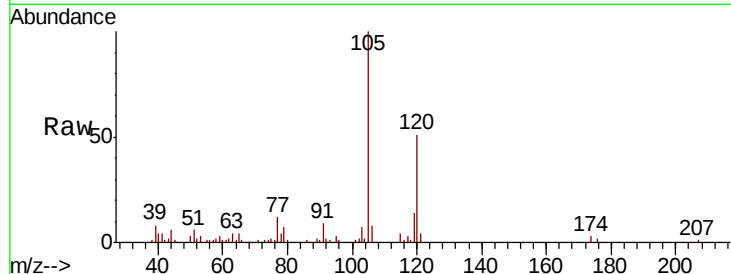




#80
 1,3,5-Trimethylbenzene
 Concen: 1.183 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

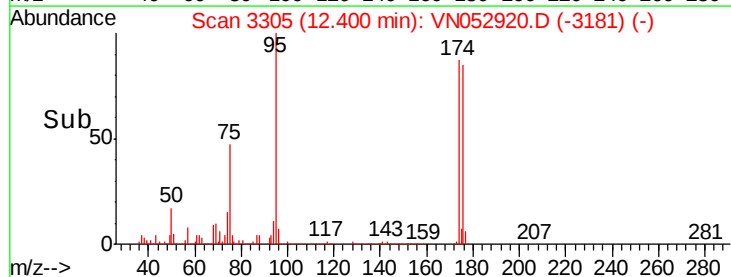
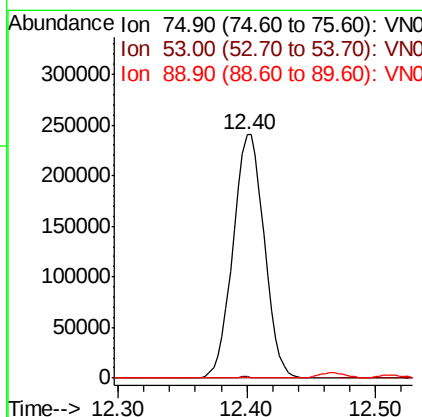
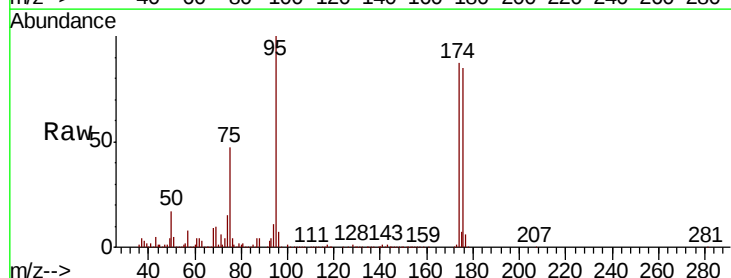
Instrument :
 MSVOA_N
 ClientSampled :

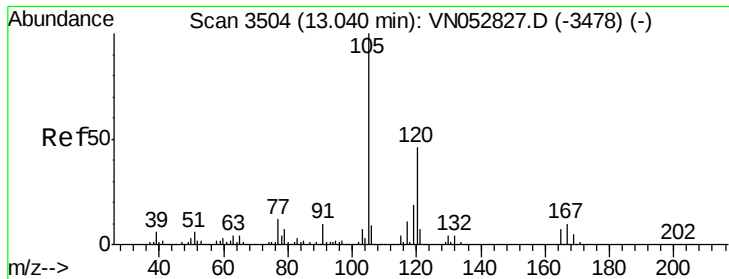
Tot Ion:105 Resp: 55341
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.400 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

Tgt Ion: 75 Resp: 404116
 Ion Ratio Lower Upper
 75 100
 53 0.5 74.7 112.1#
 89 0.0 36.1 54.1#

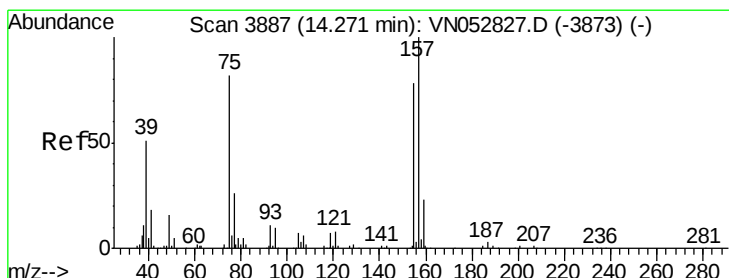
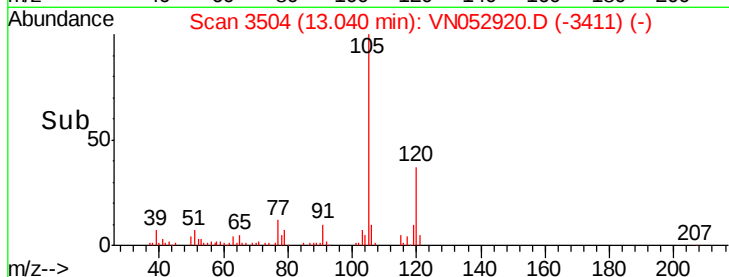
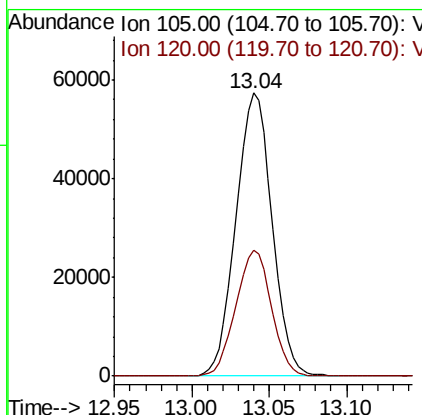
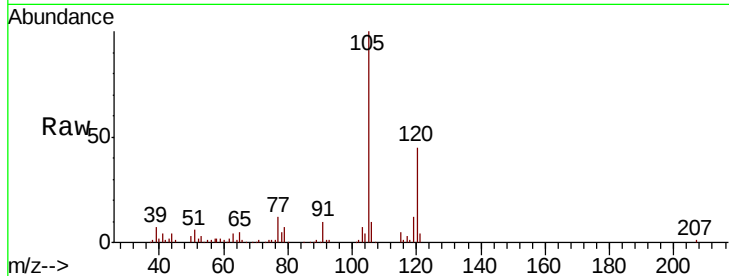




#84
 1,2,4-Trimethylbenzene
 Concen: 1.967 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

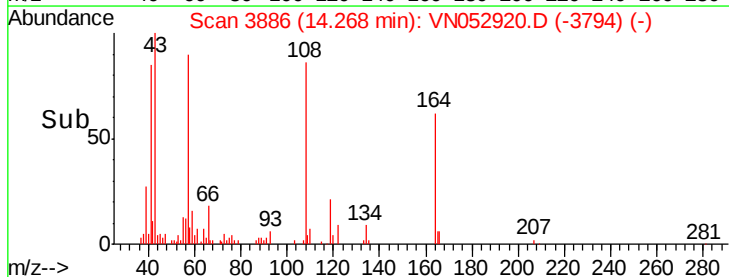
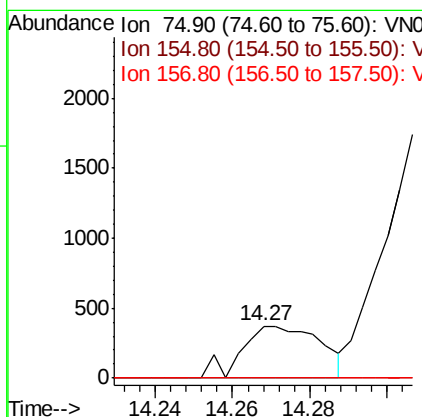
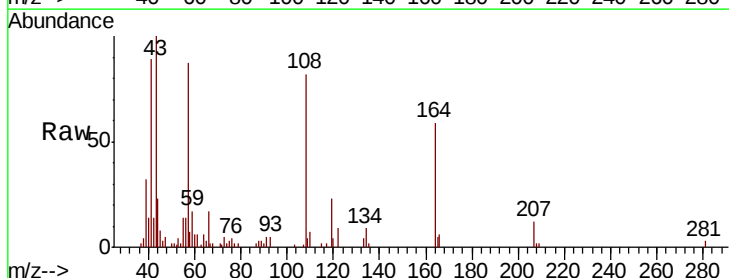
Instrument :
 MSVOA_N
 ClientSampled :

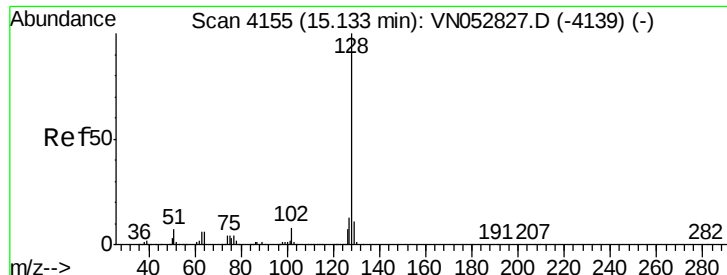
Tot Ion:105 Resp: 93143
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.9 68.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.271 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052920.D
 Acq: 17 Dec 2018 12:04

Tgt Ion: 75 Resp: 531
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.2 144.6#
 157 0.0 61.2 183.5#





#95

Naphthalene

Concen: 0.806 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052920.D

Acq: 17 Dec 2018 12:04

Instrument :

MSVOA_N

ClientSampleId :

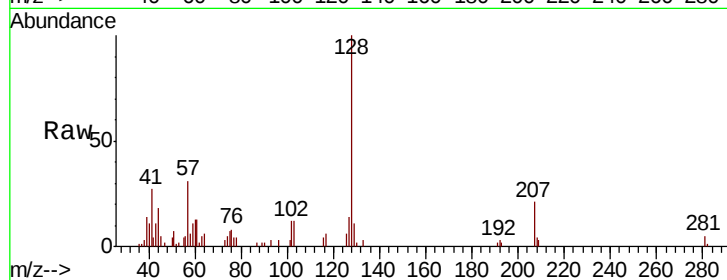
Tot Ion:128 Resp: 22858

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.5 8.6 13.0



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

