

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050429.D
 Acq On : 7 Aug 2018 14:12
 Operator : MD\SY
 Sample : J4297-04
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Aug 08 05:22:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	962509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	897335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477460	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	425097	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
35) Dibromofluoromethane	7.59	113	379138	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	10.09	98	1363266	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	12.40	95	488173	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	10045	Below Cal		99
5) Bromomethane	2.51	94	12864	3.13 ug/l		97
10) Methyl Iodide	3.93	142	8477	2.70 ug/l #		97
11) Tert butyl alcohol	4.74	59	1807	2.71 ug/l #		72
13) Acrolein	3.62	56	30	15.06 ug/l #		15
16) Acetone	3.83	43	3797	1.18 ug/l		98
17) Carbon Disulfide	4.03	76	7302	0.33 ug/l		99
18) Methyl Acetate	4.33	43	20077	2.94 ug/l		100
20) Methylene Chloride	4.53	84	1690	Below Cal		89
25) 2-Butanone	6.85	43	1094	0.27 ug/l #		48
29) Tetrahydrofuran	7.22	42	469	0.21 ug/l #		37
31) Cyclohexane	7.66	56	13826	0.54 ug/l #		5
36) 1,1-Dichloropropene	7.66	75	43704	4.13 ug/l #		49
38) Carbon Tetrachloride	7.67	117	55273	5.01 ug/l #		17
39) Methylcyclohexane	9.08	83	9551	0.83 ug/l #		83
43) Isopropyl Acetate	8.24	43	21790	1.66 ug/l #		61
51) 4-Methyl-2-Pentanone	9.90	43	2255	0.24 ug/l #		35
55) 1,1,2-Trichloroethane	10.53	97	16426	2.15 ug/l #		20
56) Ethyl methacrylate	10.44	69	6189	2.26 ug/l #		1
59) 2-Hexanone	10.72	43	47764	7.23 ug/l #		30
61) 1,2-Dibromoethane	11.01	107	2213	0.29 ug/l #		1
67) Ethyl Benzene	11.51	91	7458	0.21 ug/l		96
68) m/p-Xylenes	11.62	106	6743	0.49 ug/l #		65
73) Isopropylbenzene	12.25	105	9447	0.26 ug/l		95
74) N-amyl acetate	12.05	43	237791	20.47 ug/l #		59
75) 1,1,2,2-Tetrachloroethane	12.46	83	15182	1.47 ug/l #		56
76) 1,2,3-Trichloropropane	12.40	75	227952	26.38 ug/l #		100
78) n-propylbenzene	12.59	91	23868	0.59 ug/l		92
81) trans-1,4-Dichloro-2-buten	12.40	75	227952	92.67 ug/l #		14
83) tert-Butylbenzene	12.99	119	9117	0.36 ug/l		76
84) 1,2,4-Trimethylbenzene	13.04	105	14325	0.49 ug/l		97
85) sec-Butylbenzene	13.17	105	47576	1.41 ug/l #		65
86) p-Isopropyltoluene	13.44	119	44233	1.53 ug/l #		75
89) n-Butylbenzene	13.62	91	70815	2.87 ug/l #		70

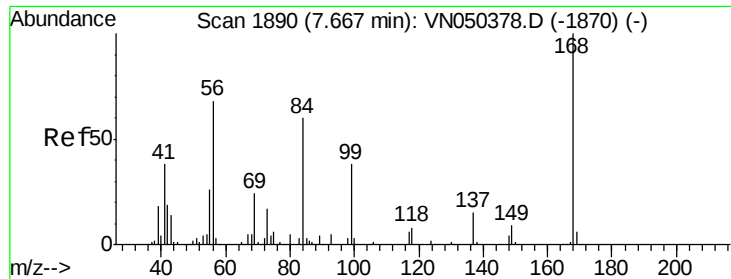
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080718\
Data File : VN050429.D
Acq On : 7 Aug 2018 14:12
Operator : MD\SY
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Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
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ClientSampleId :
TP-4

Quant Time: Aug 08 05:22:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	40764	7.91	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	3665	2.09	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.91	180	10927	1.25	ug/l #	1
94) Hexachlorobutadiene	15.01	225	354	Below Cal		80
95) Naphthalene	15.11	128	97321	7.52	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.29	180	44632	5.06	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

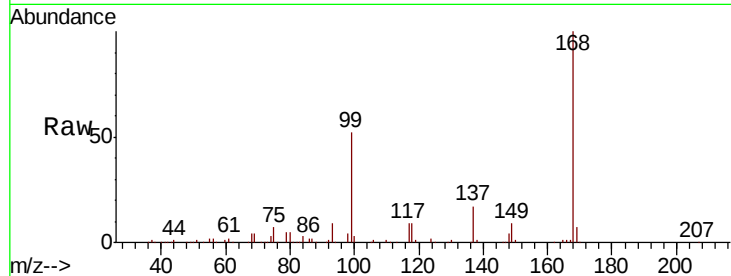
Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tot Ion:168 Resp: 621226

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

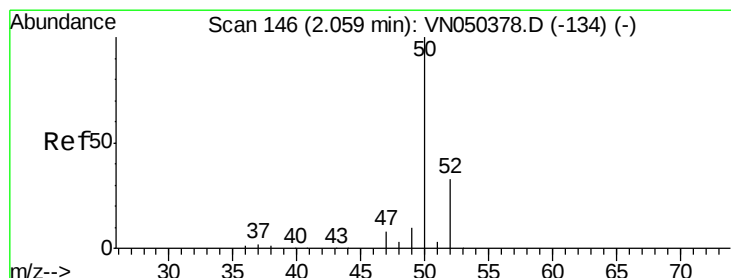
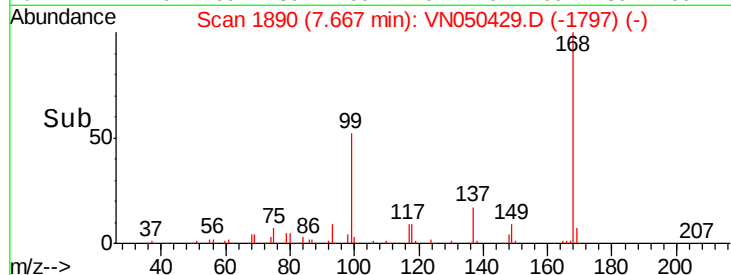
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#3

Chloromethane

Concen: Below Cal

RT: 2.05 min Scan# 144

Delta R.T. -0.01 min

Lab File: VN050429.D

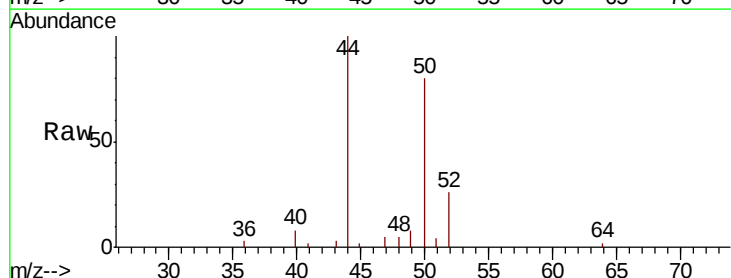
Acq: 7 Aug 2018 14:12

Tgt Ion: 50 Resp: 10045

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.05

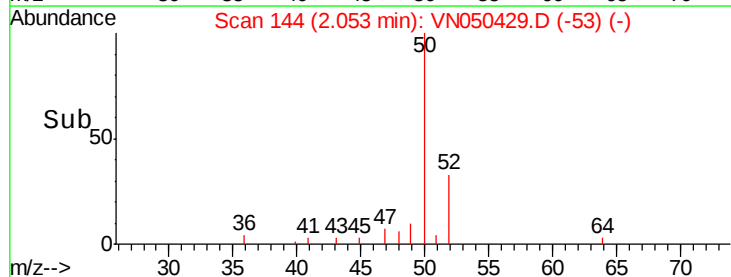
6000

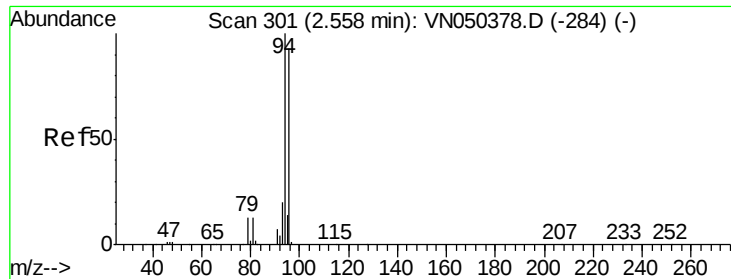
4000

2000

0

Time--> 2.00 2.05 2.10 2.15





#5

Bromomethane

Concen: 3.13 ug/l

RT: 2.51 min Scan# 287

Delta R.T. -0.04 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

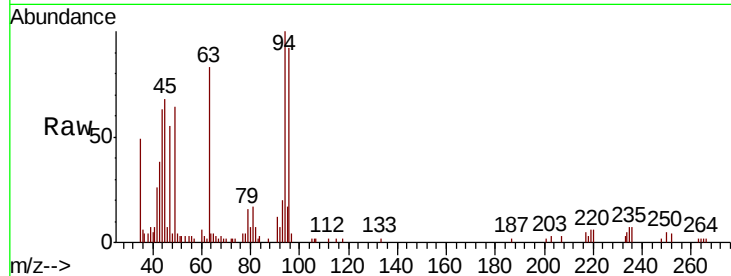
TP-4

Tot Ion: 94 Resp: 12864

Ion Ratio Lower Upper

94 100

96 90.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050378.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050378.D (-284) (-)

2.51

10000

8000

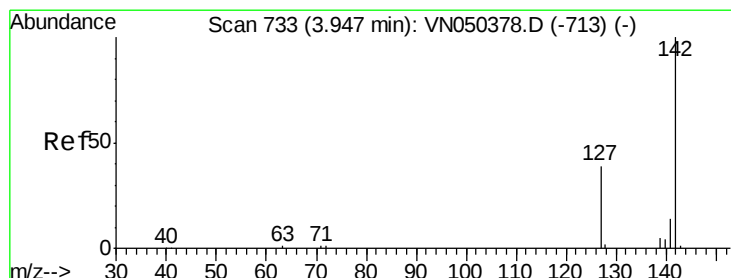
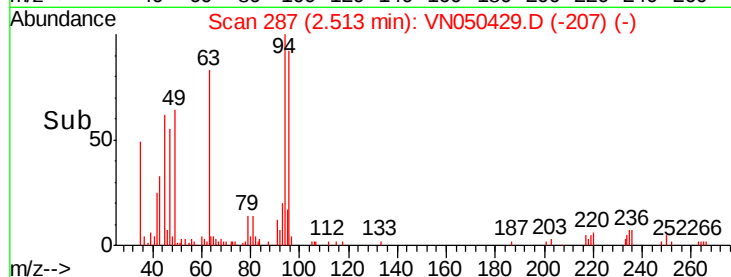
6000

4000

2000

0

Time-->



#10

Methyl Iodide

Concen: 2.70 ug/l

RT: 3.93 min Scan# 729

Delta R.T. -0.01 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

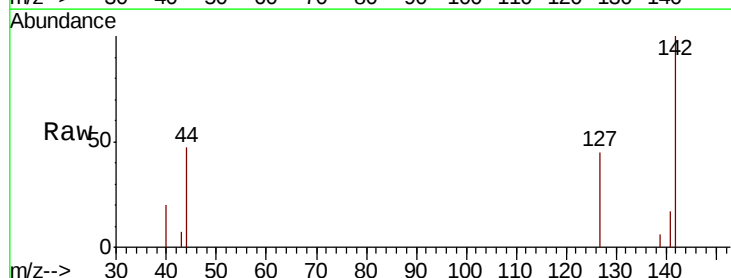
Tgt Ion: 142 Resp: 8477

Ion Ratio Lower Upper

142 100

127 41.1 33.4 50.2

141 11.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): VN050378.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050378.D (-713) (-)

3.93

4000

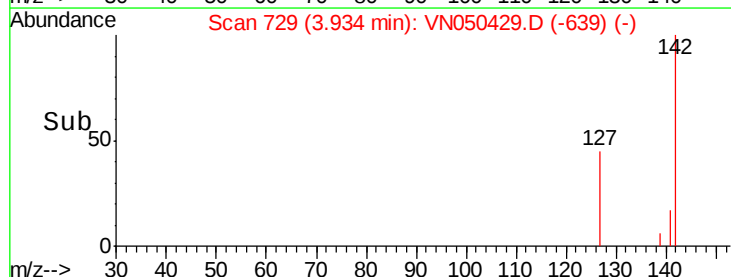
3000

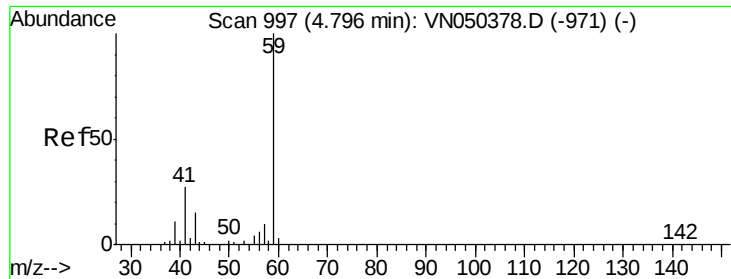
2000

1000

0

Time-->

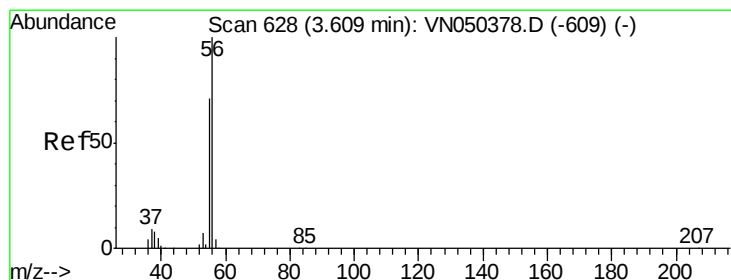
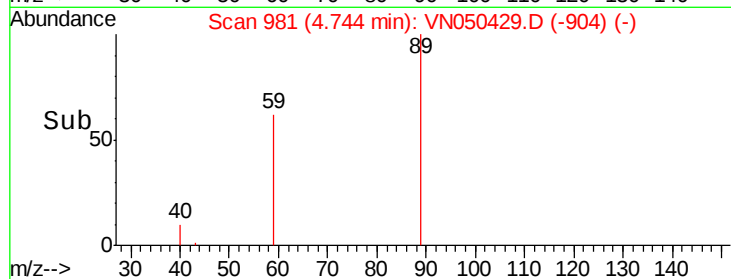
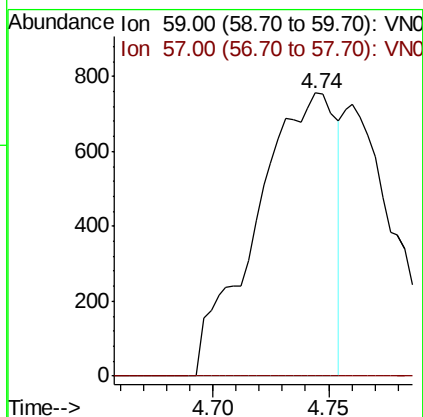
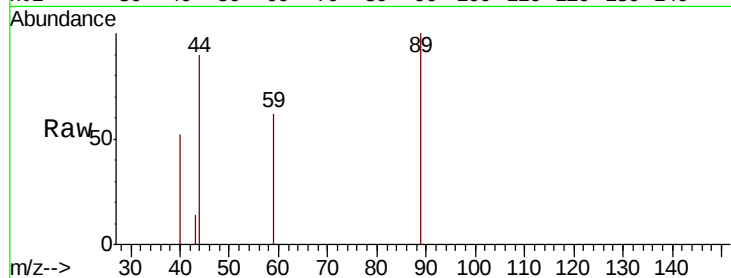




#11
Tert butyl alcohol
Concen: 2.71 ug/l
RT: 4.74 min Scan# 981
Delta R.T. -0.05 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

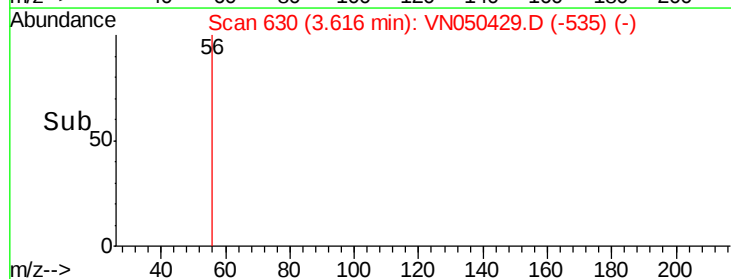
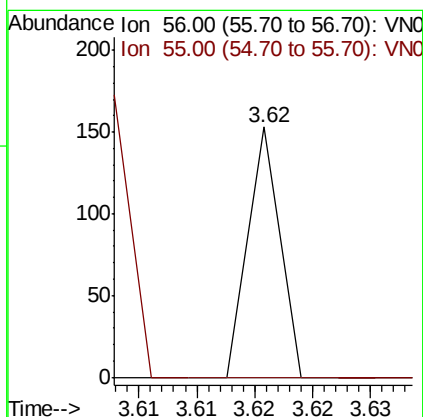
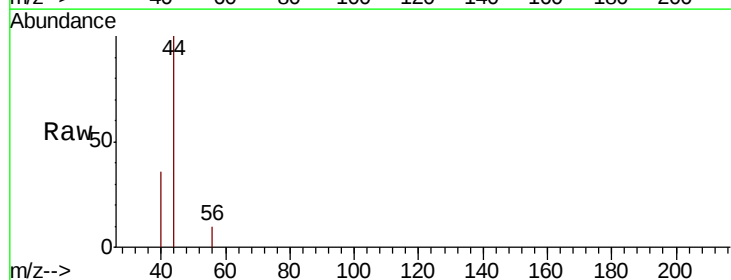
Instrument :
MSVOA_N
ClientSampled :
TP-4

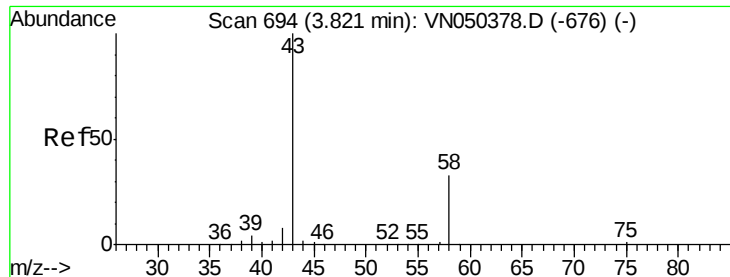
Tot Ion: 59 Resp: 1807
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 15.06 ug/l
RT: 3.62 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#





#16

Acetone

Concen: 1.18 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

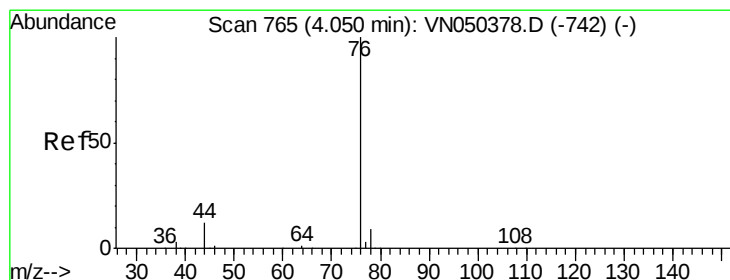
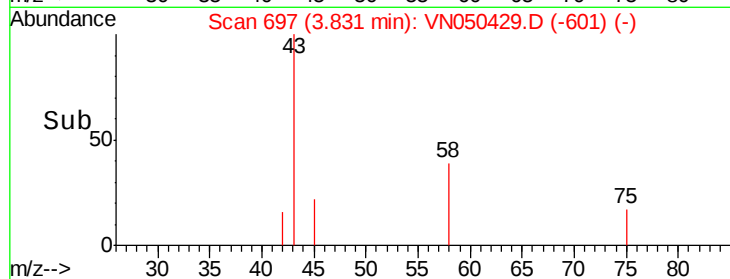
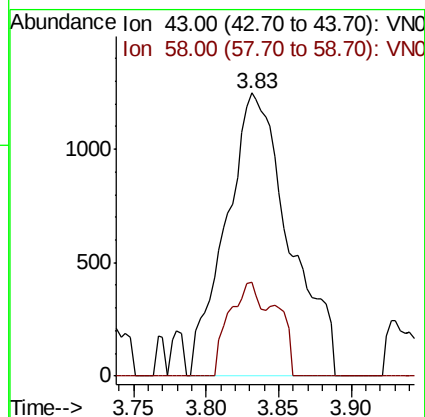
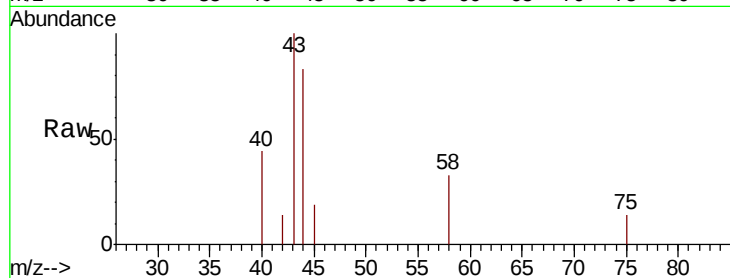
TP-4

Tot Ion: 43 Resp: 3797

Ion Ratio Lower Upper

43 100

58 33.3 25.8 38.8



#17

Carbon Disulfide

Concen: 0.33 ug/l

RT: 4.03 min Scan# 758

Delta R.T. -0.02 min

Lab File: VN050429.D

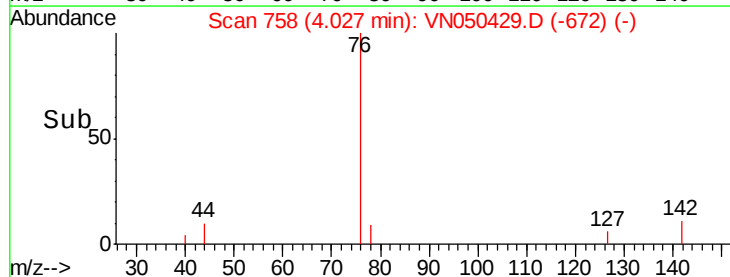
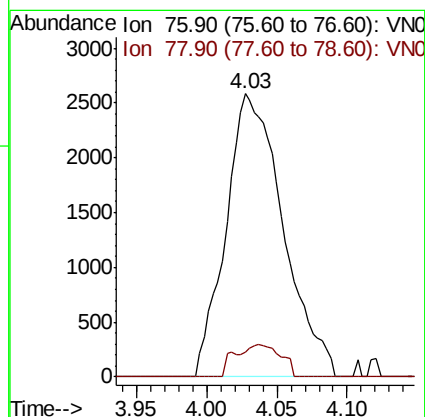
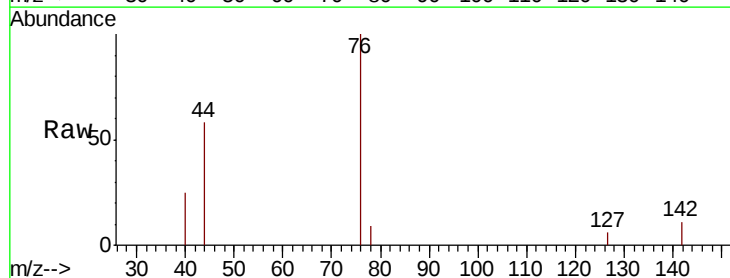
Acq: 7 Aug 2018 14:12

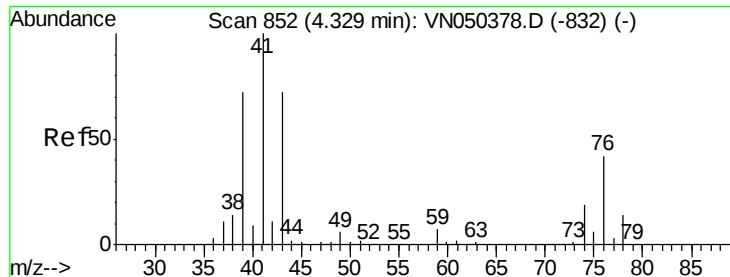
Tgt Ion: 76 Resp: 7302

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

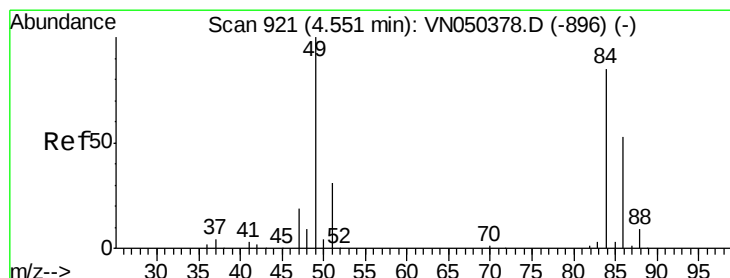
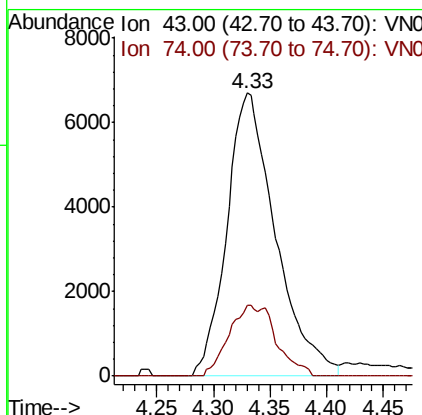
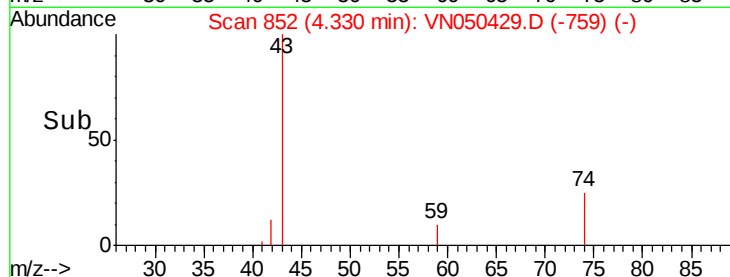
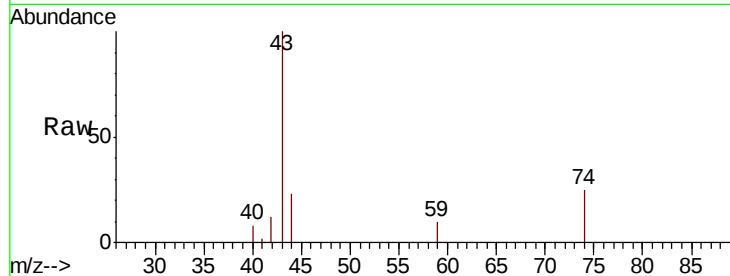




#18
Methyl Acetate
Concen: 2.94 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

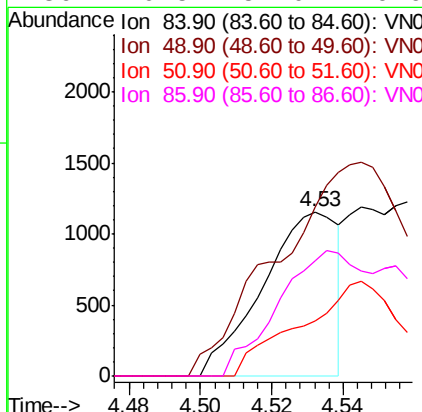
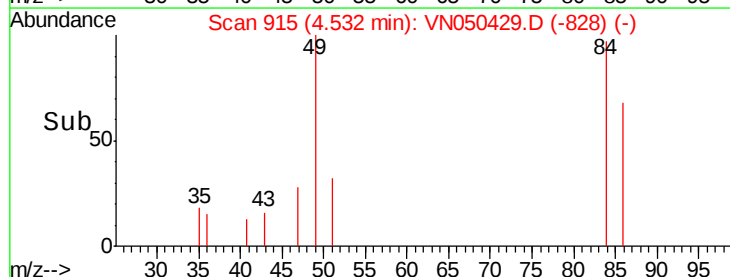
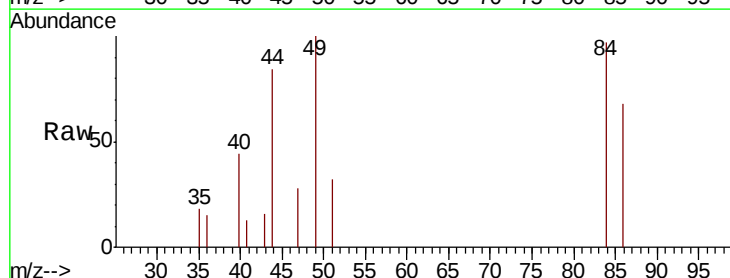
Instrument :
MSVOA_N
ClientSampled :
TP-4

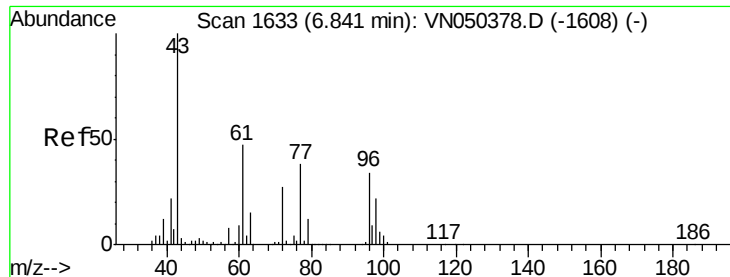
Tot Ion: 43 Resp: 20077
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 915
Delta R.T. -0.02 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion: 84 Resp: 1690
Ion Ratio Lower Upper
84 100
49 103.1 94.8 142.2
51 33.4 28.3 42.5
86 70.5 51.0 76.6





#25

2-Butanone

Concen: 0.27 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

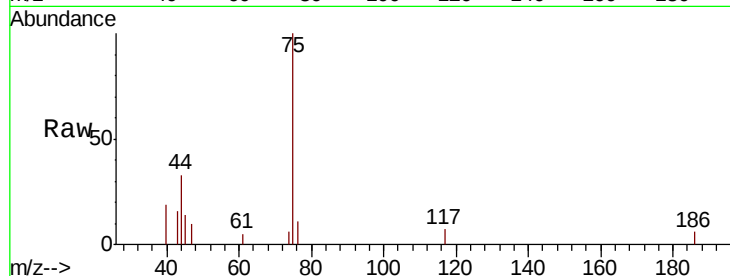
Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion: 43 Resp: 1094

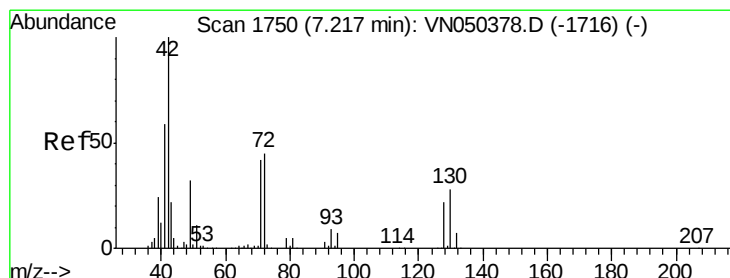
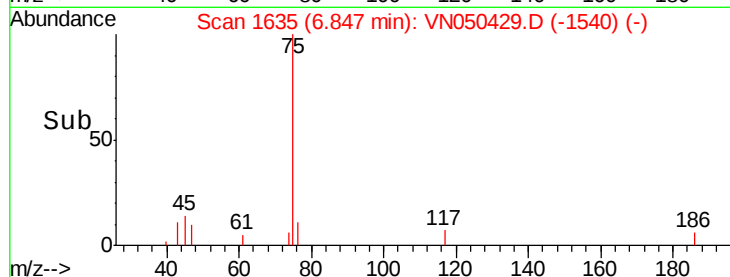
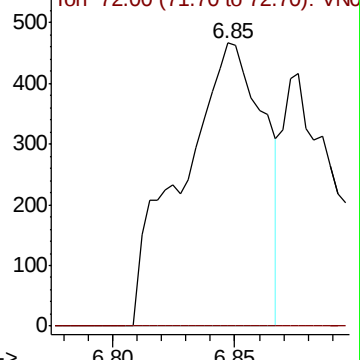
Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0



#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

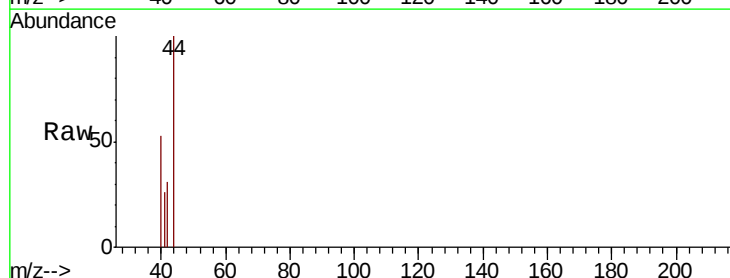
Tgt Ion: 42 Resp: 469

Ion Ratio Lower Upper

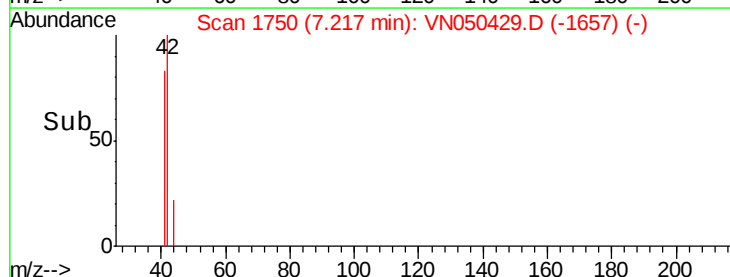
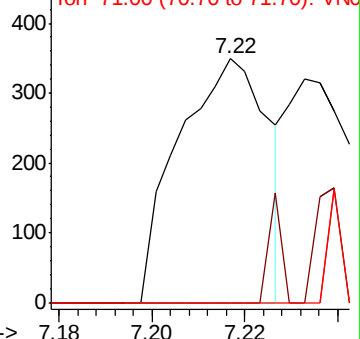
42 100

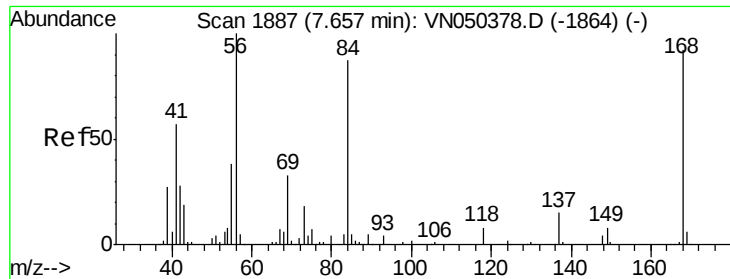
72 6.4 35.9 53.9#

71 0.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

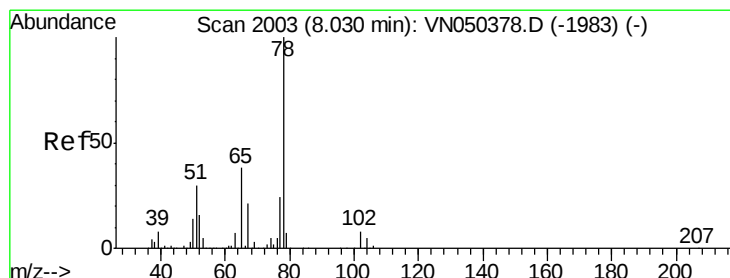
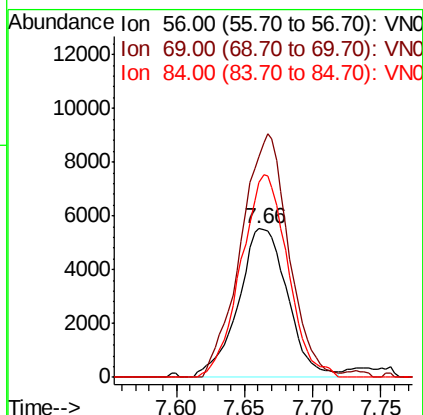
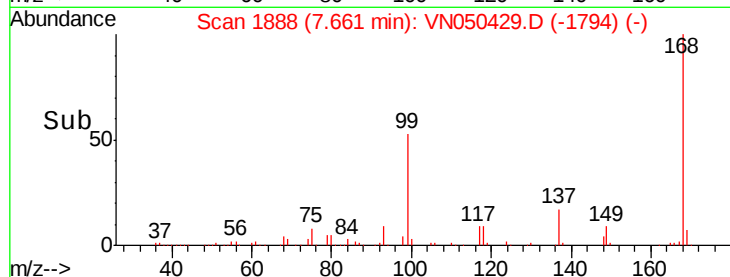
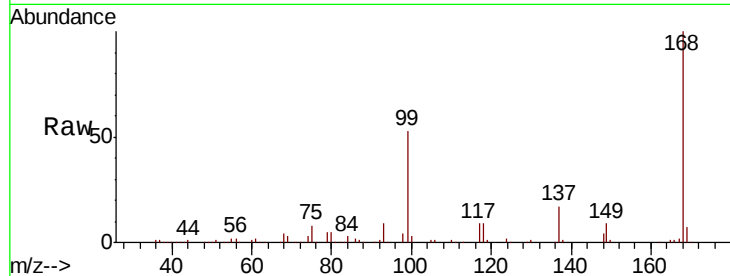




#31
Cyclohexane
Concen: 0.54 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

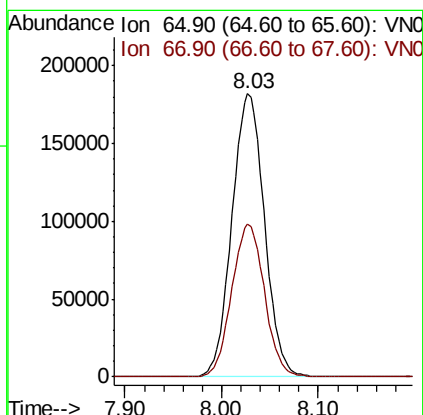
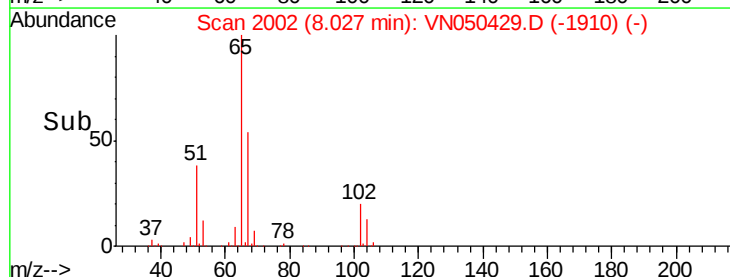
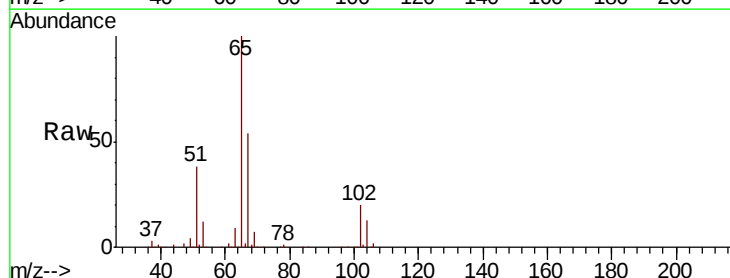
Instrument :
MSVOA_N
ClientSampled :
TP-4

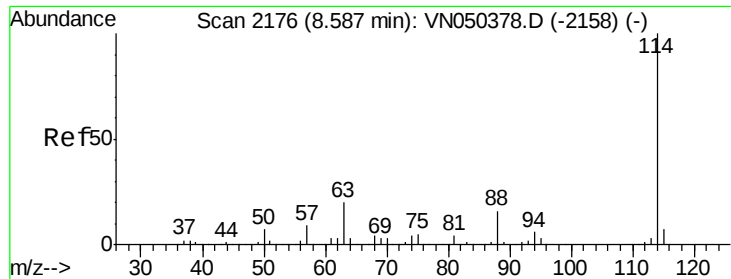
Tot Ion: 56 Resp: 13826
Ion Ratio Lower Upper
56 100
69 148.7 26.2 39.4#
84 131.3 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 51.22 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion: 65 Resp: 425097
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.4

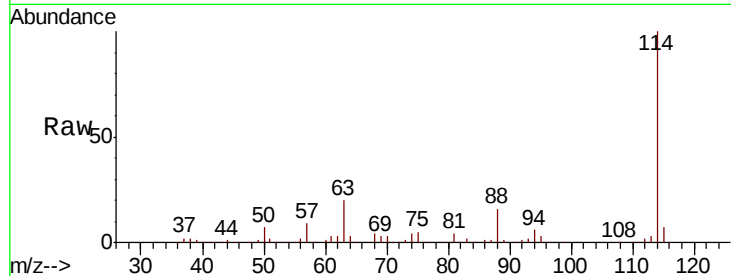




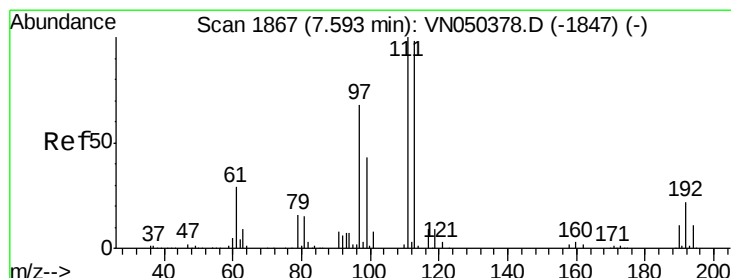
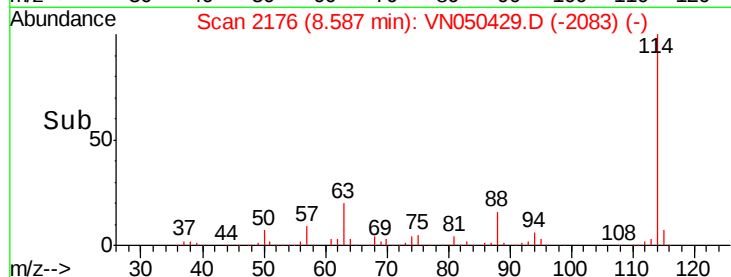
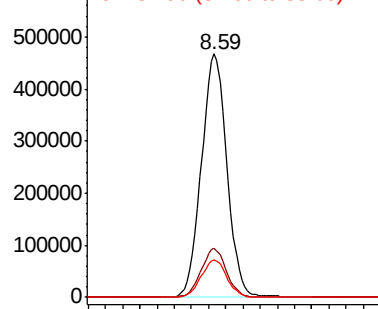
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tot Ion:114 Resp: 962509
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.6 0.0 31.2

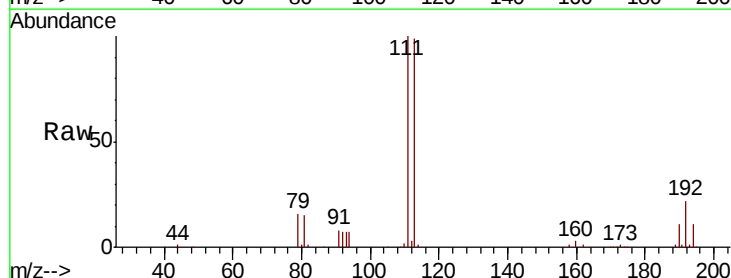


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

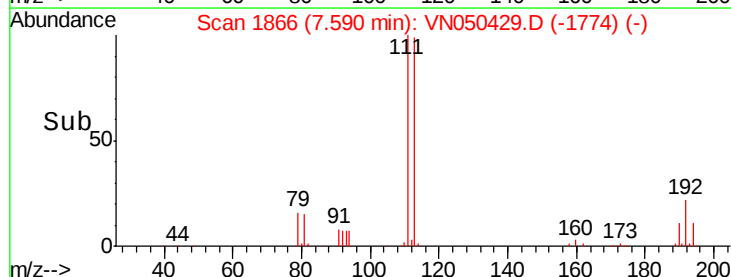
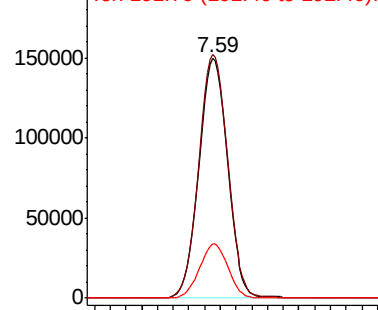


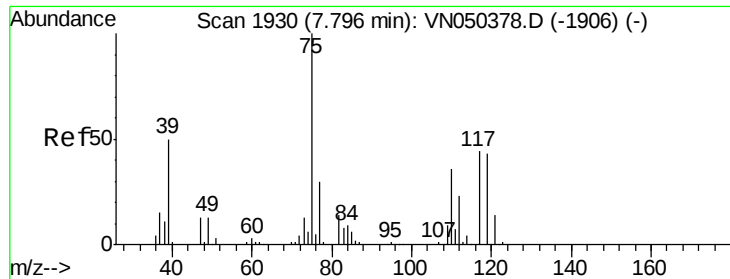
#35
 Dibromofluoromethane
 Concen: 49.09 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Tgt Ion:113 Resp: 379138
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.7 121.1
 192 22.3 17.8 26.6



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

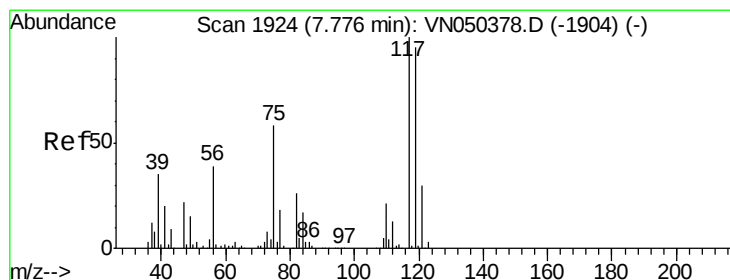
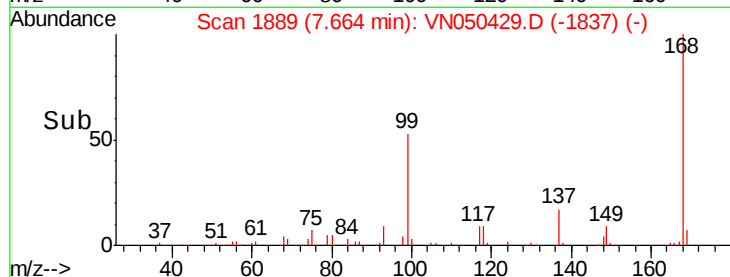
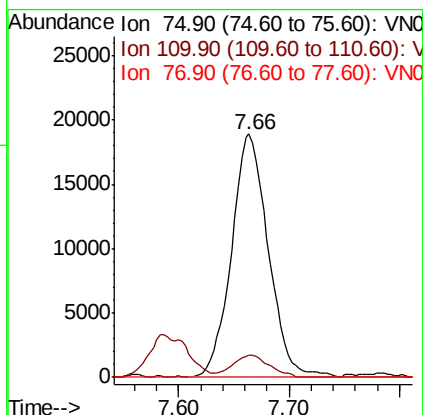
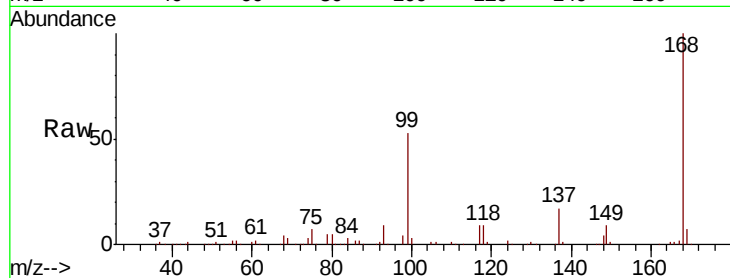




#36
 1,1-Dichloropropene
 Concen: 4.13 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

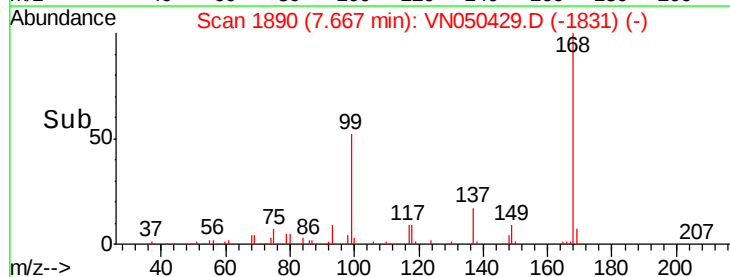
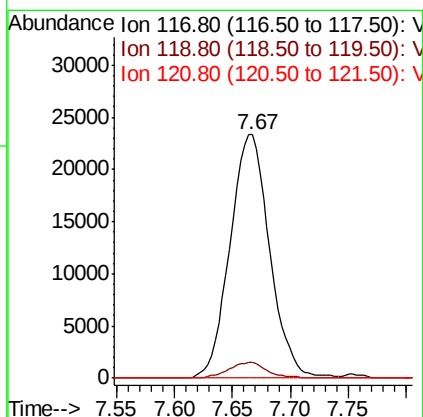
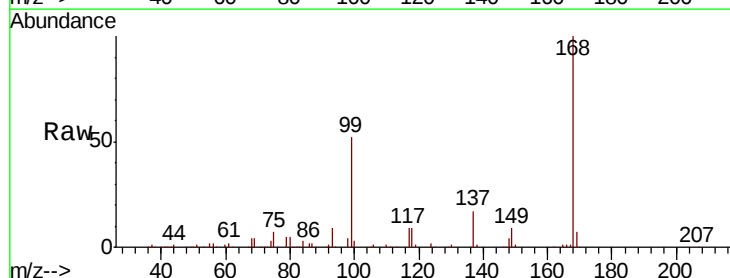
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

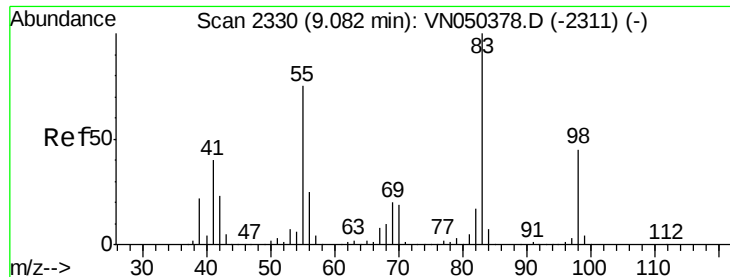
Tot Ion: 75 Resp: 43704
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.01 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Tgt Ion: 117 Resp: 55273
 Ion Ratio Lower Upper
 117 100
 119 6.7 77.4 116.0#
 121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.83 ug/l

RT: 9.08 min Scan# 2329

Delta R.T. -0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

TP-4

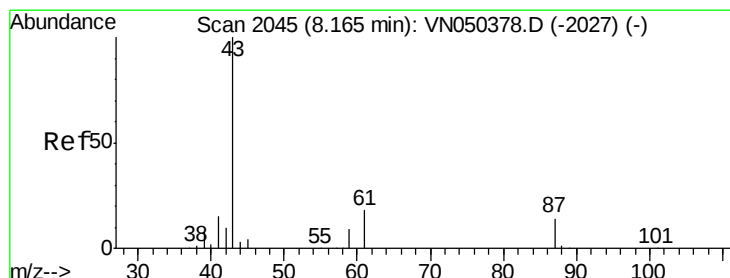
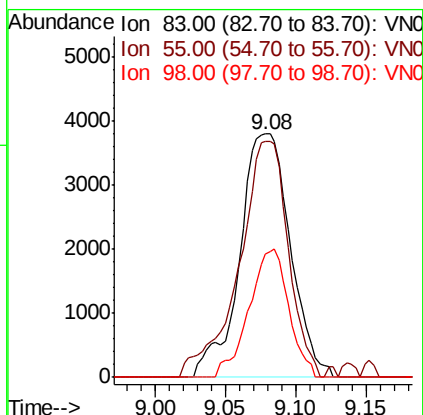
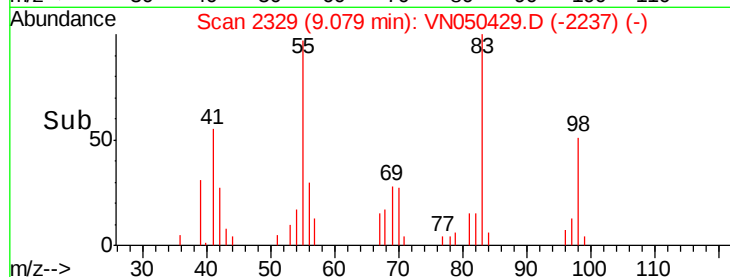
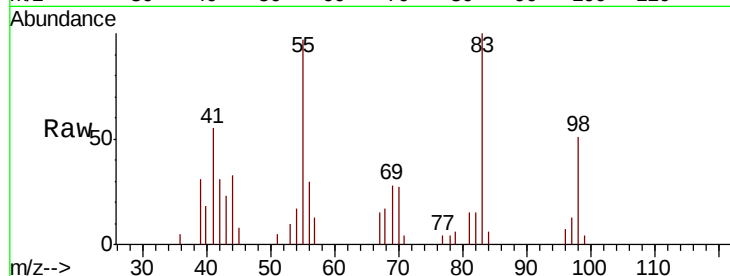
Tot Ion: 83 Resp: 9551

Ion Ratio Lower Upper

83 100

55 96.7 61.8 92.8#

98 50.6 36.5 54.7



#43

Isopropyl Acetate

Concen: 1.66 ug/l

RT: 8.24 min Scan# 2069

Delta R.T. 0.08 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

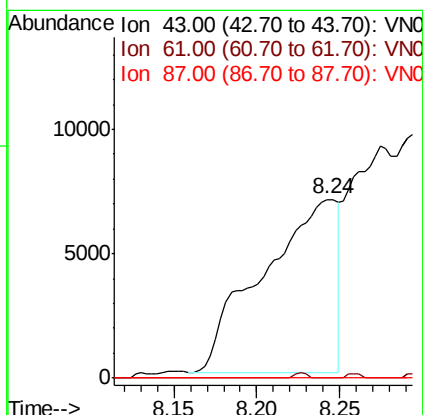
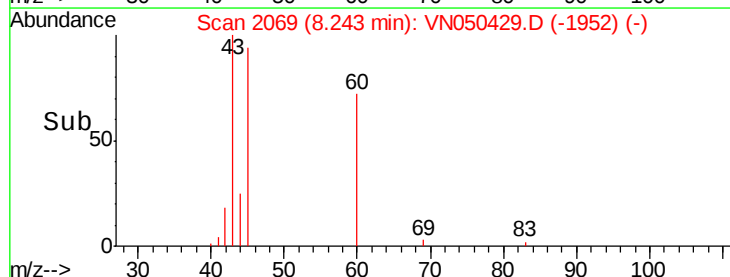
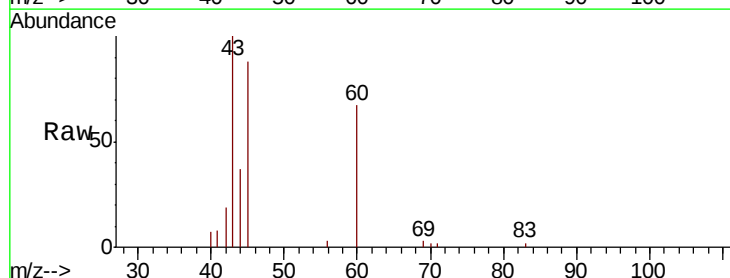
Tgt Ion: 43 Resp: 21790

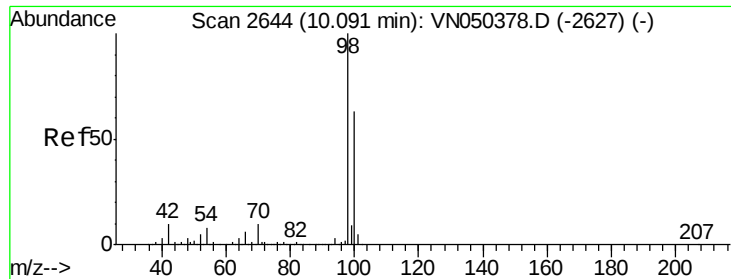
Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

87 0.0 10.3 15.5#

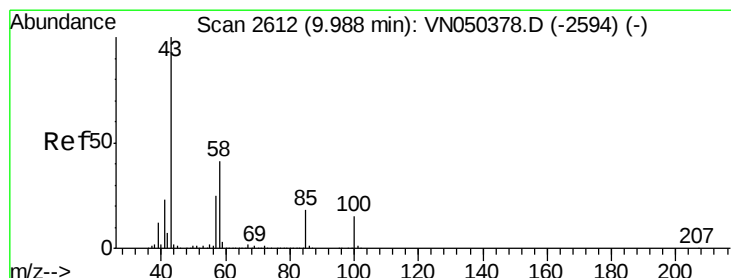
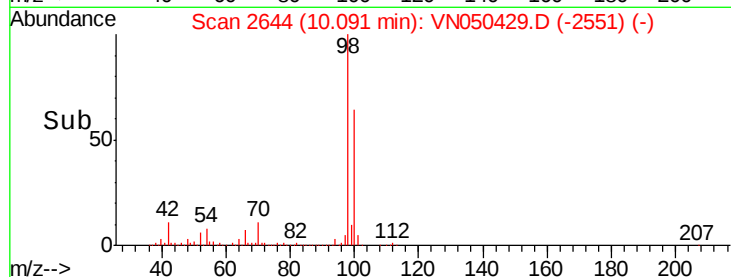
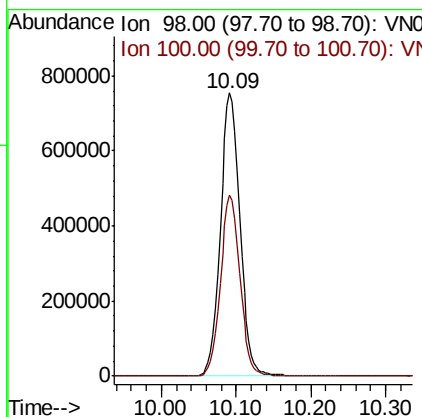
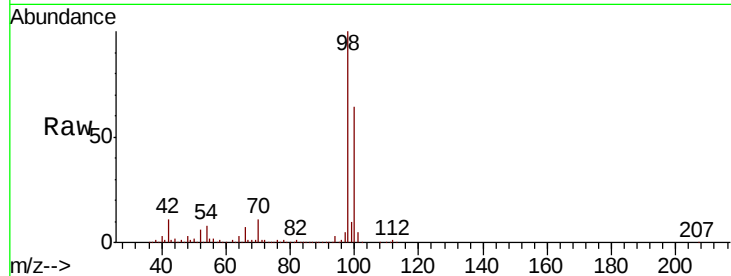




#50
Toluene-d8
Concen: 46.95 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

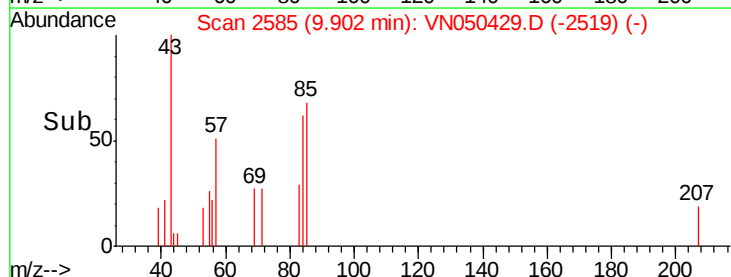
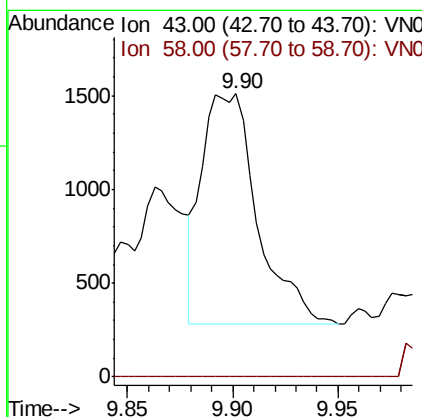
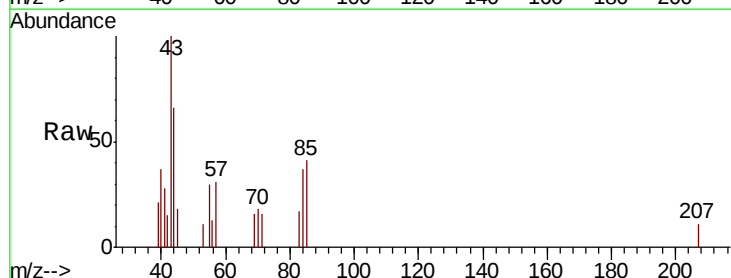
Instrument :
MSVOA_N
ClientSampled :
TP-4

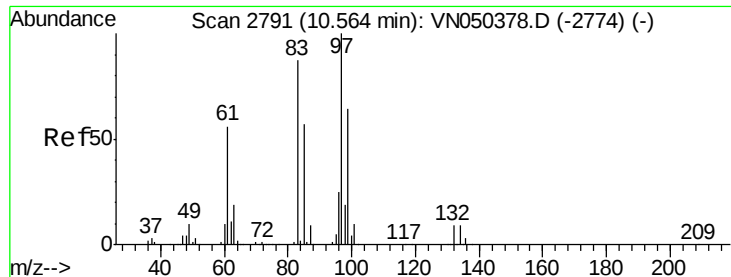
Tot Ion: 98 Resp: 1363266
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 9.90 min Scan# 2585
Delta R.T. -0.09 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 0.0 31.9 47.9#





#55

1,1,2-Trichloroethane

Concen: 2.15 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

TP-4

Tot Ion: 97 Resp: 16426

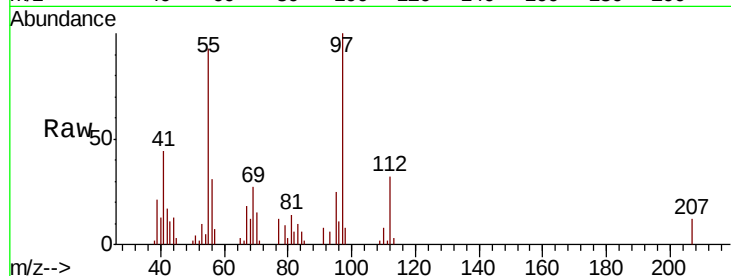
Ion Ratio Lower Upper

97 100

83 9.5 69.2 103.8#

85 2.4 44.0 66.0#

99 0.0 49.9 74.9#

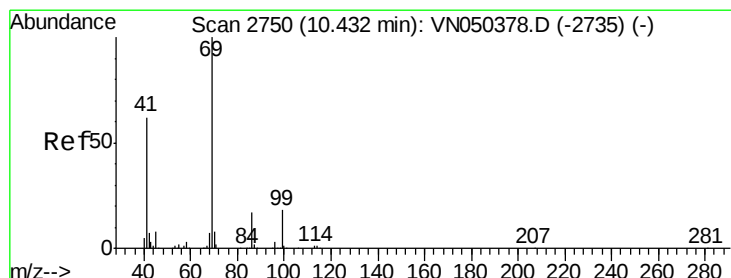
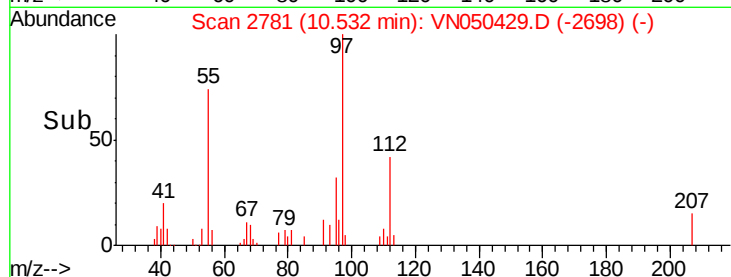
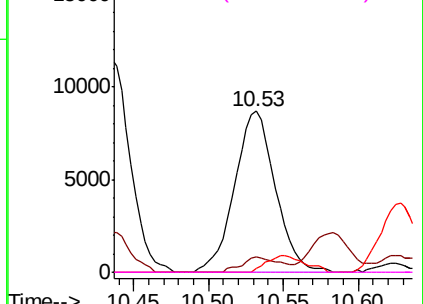


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.26 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

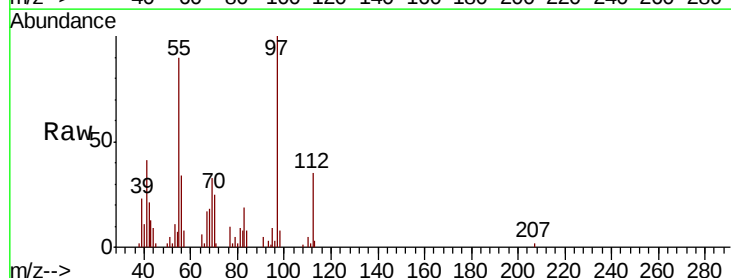
Tgt Ion: 69 Resp: 6189

Ion Ratio Lower Upper

69 100

41 146.1 51.0 76.4#

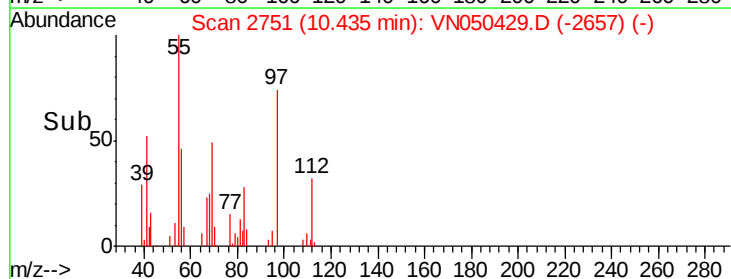
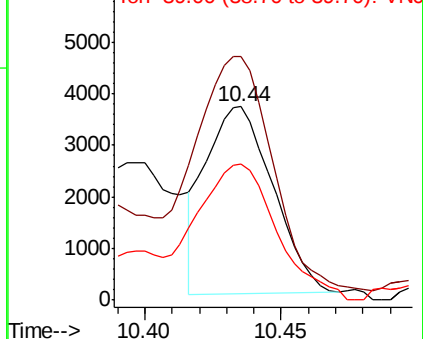
39 88.0 26.6 40.0#

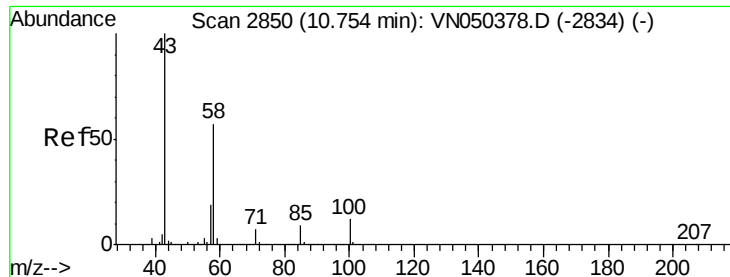


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#59

2-Hexanone

Concen: 7.23 ug/l

RT: 10.72 min Scan# 2839

Delta R.T. -0.04 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

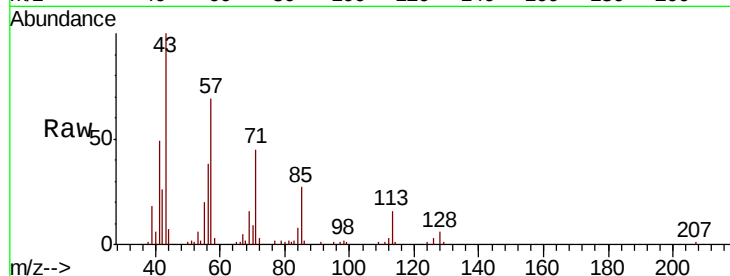
TP-4

Tot Ion: 43 Resp: 47764

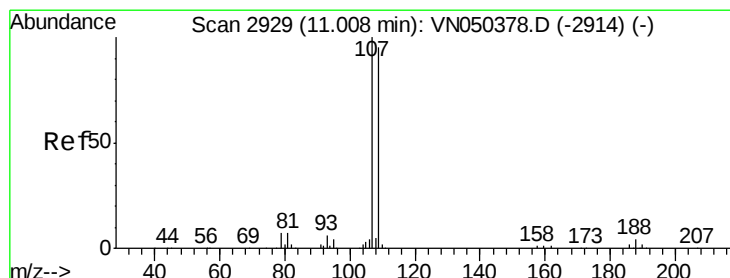
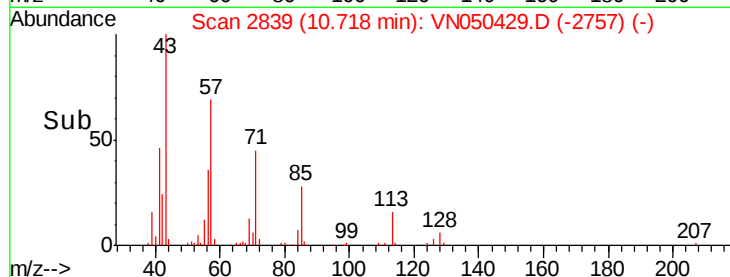
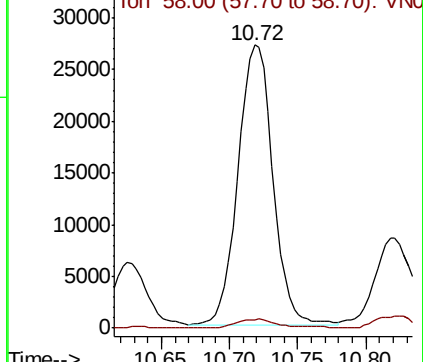
Ion Ratio Lower Upper

43 100

58 4.2 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2834) (-)



#61

1,2-Dibromoethane

Concen: 0.29 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN050429.D

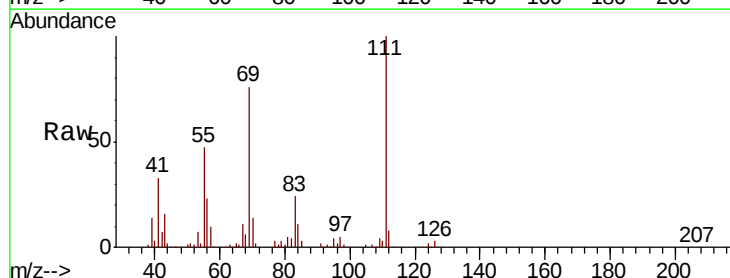
Acq: 7 Aug 2018 14:12

Tgt Ion: 107 Resp: 2213

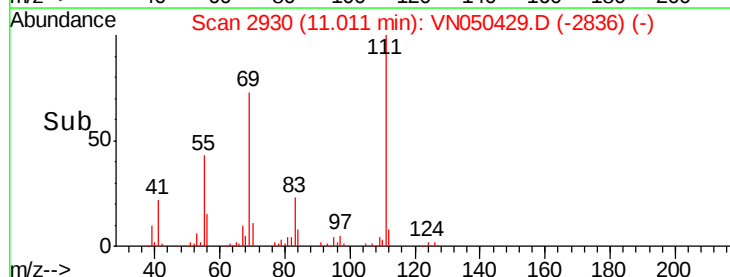
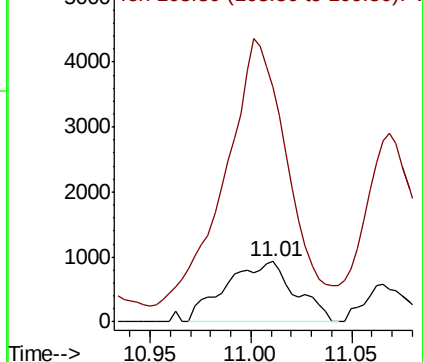
Ion Ratio Lower Upper

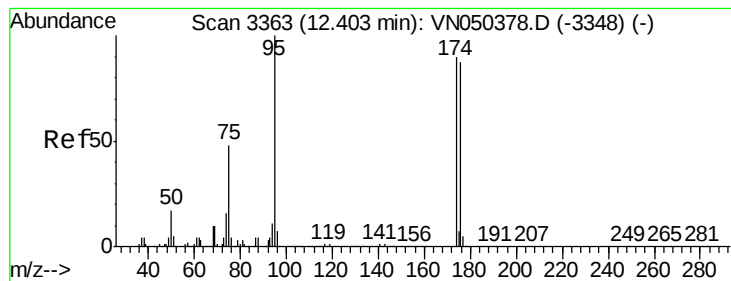
107 100

109 396.2 74.6 112.0#



Abundance Ion 106.90 (106.60 to 107.60): VN050378.D (-2914) (-)





#62

4-Bromofluorobenzene

Concen: 49.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

TP-4

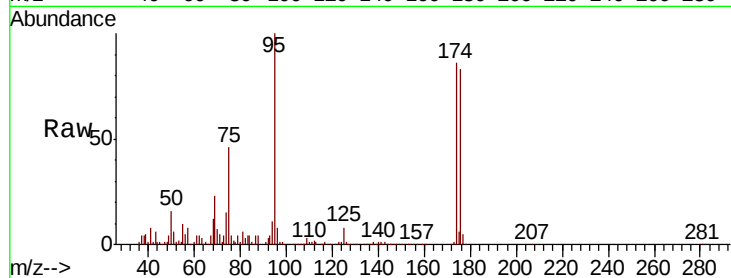
Tot Ion: 95 Resp: 488173

Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

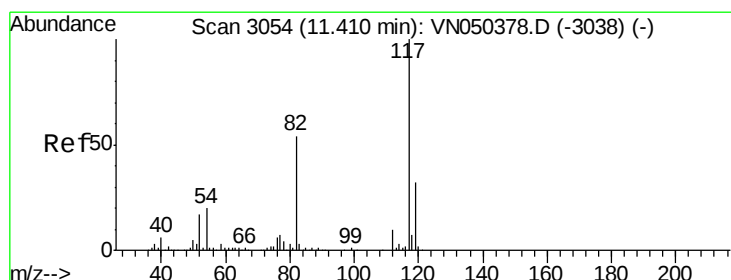
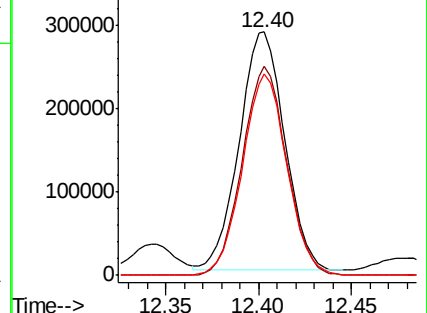
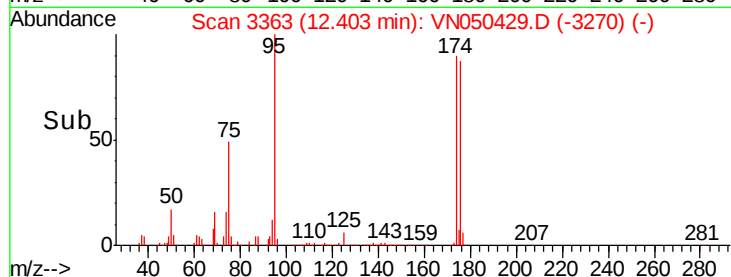
176 82.5 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050429.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050429.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050429.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

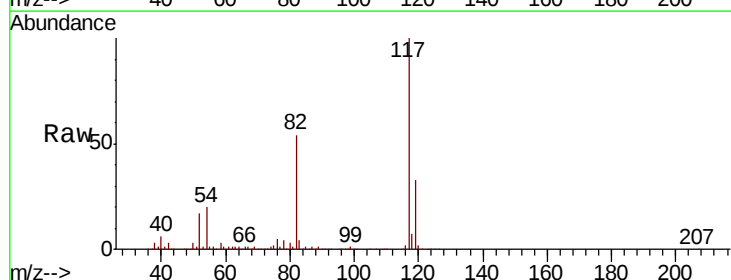
Tgt Ion: 117 Resp: 897335

Ion Ratio Lower Upper

117 100

82 53.2 43.7 65.5

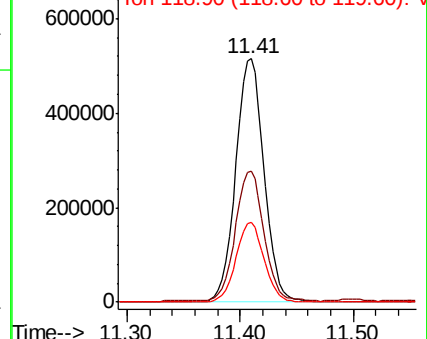
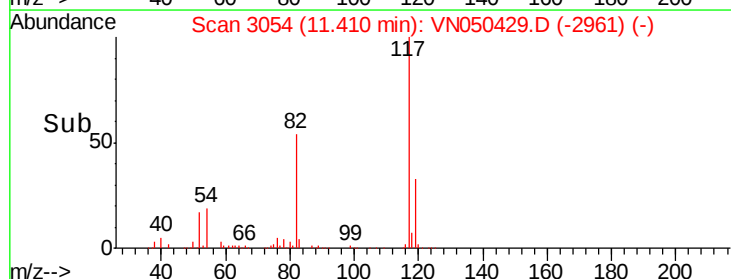
119 32.6 26.1 39.1

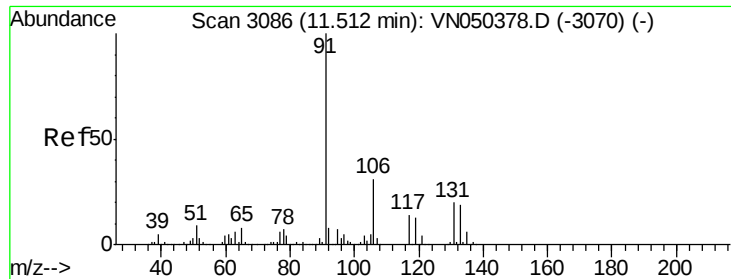


Abundance Ion 116.90 (116.60 to 117.60): VN050429.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050429.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050429.D (-2961) (-)

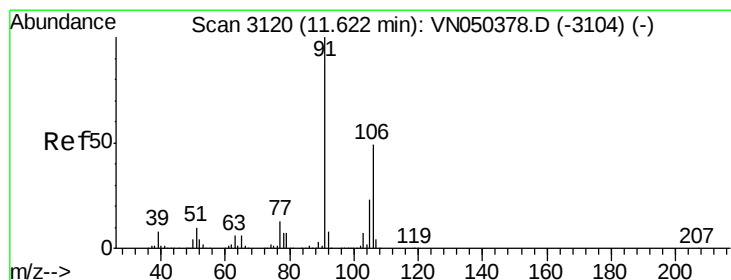
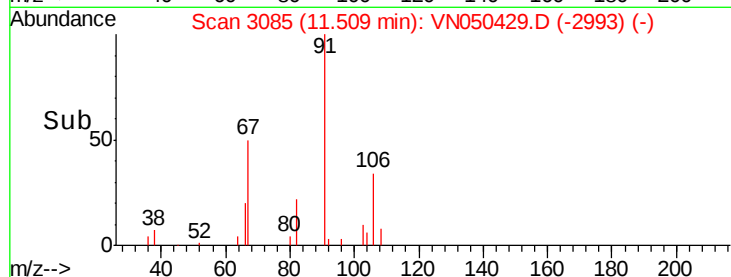
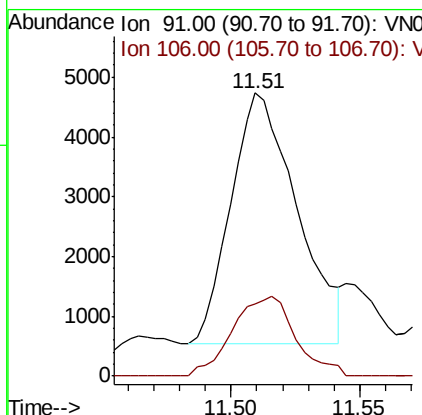
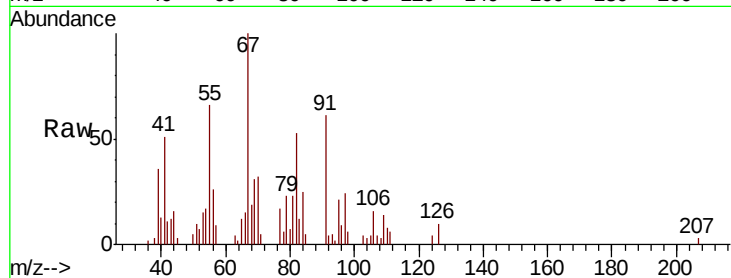




#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

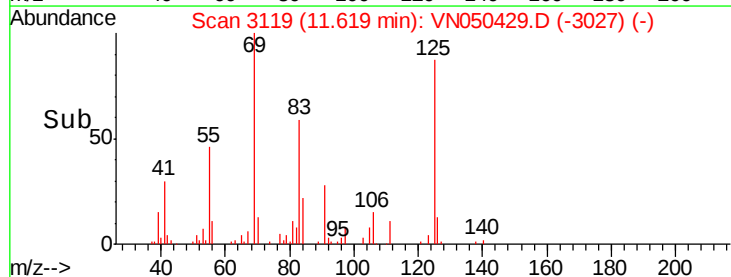
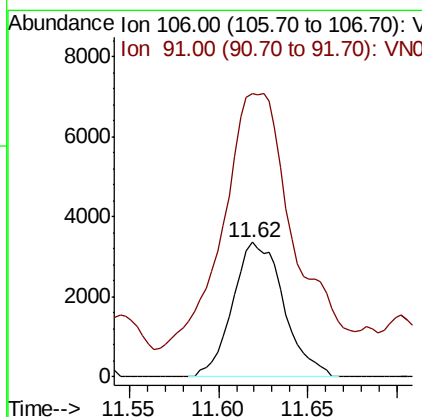
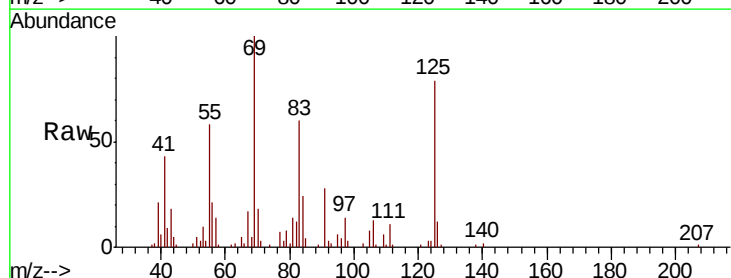
Instrument :
MSVOA_N
ClientSampled :
TP-4

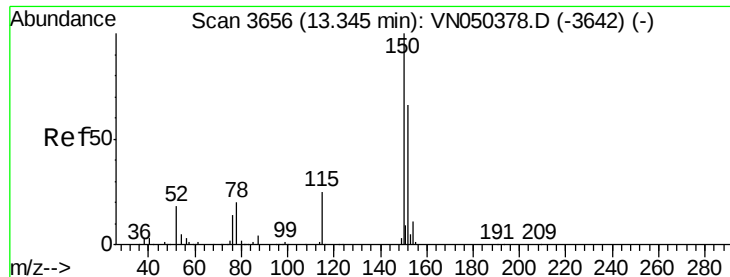
Tot Ion: 91 Resp: 7458
Ion Ratio Lower Upper
91 100
106 29.1 25.0 37.4



#68
m/p-Xylenes
Concen: 0.49 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion: 106 Resp: 6743
Ion Ratio Lower Upper
106 100
91 255.8 162.2 243.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

TP-4

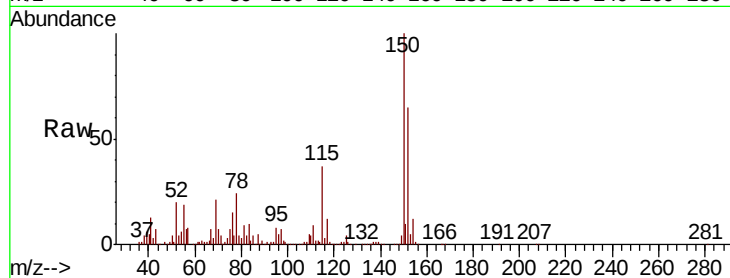
Tot Ion:152 Resp: 477460

Ion Ratio Lower Upper

152 100

115 54.1 27.8 83.3

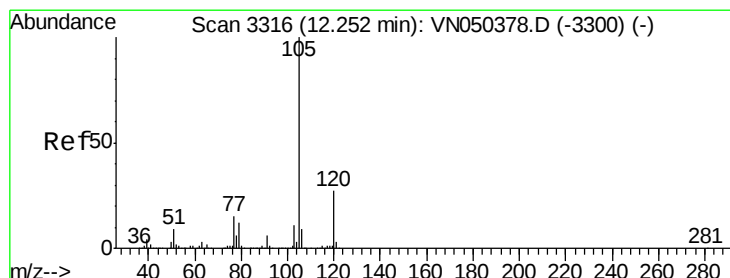
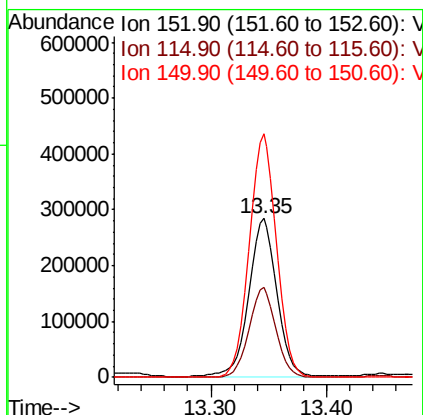
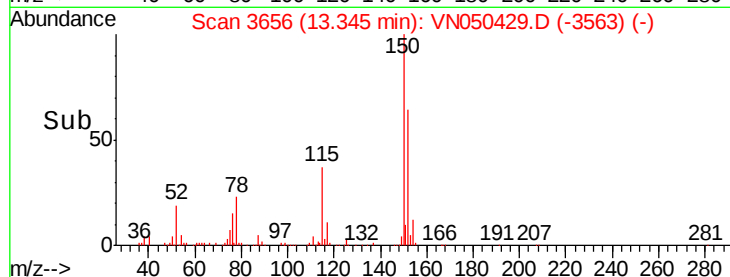
150 148.8 0.0 348.6



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



#73

Isopropylbenzene

Concen: 0.26 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050429.D

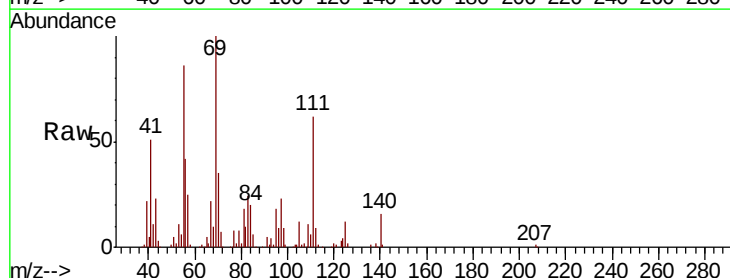
Acq: 7 Aug 2018 14:12

Tgt Ion:105 Resp: 9447

Ion Ratio Lower Upper

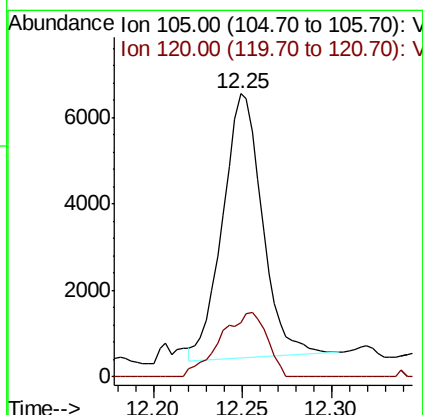
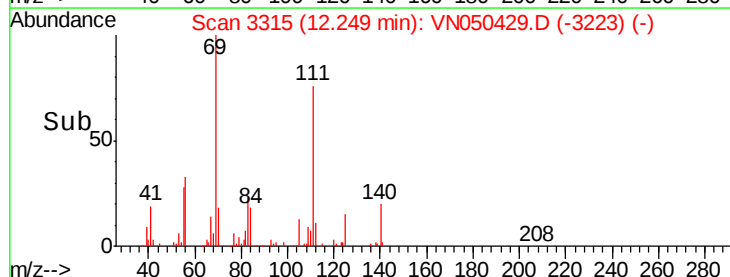
105 100

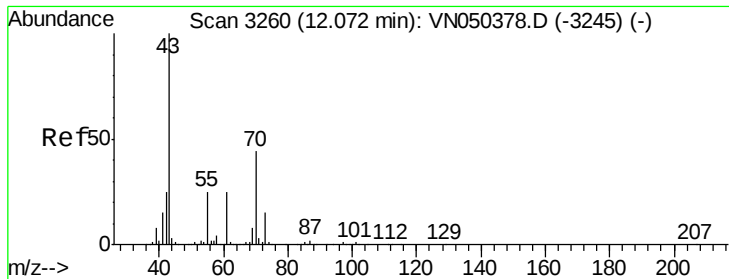
120 28.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 20.47 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

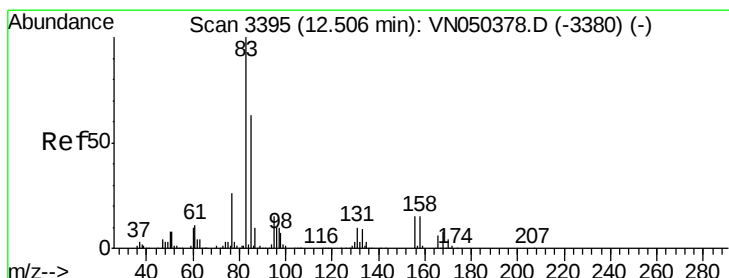
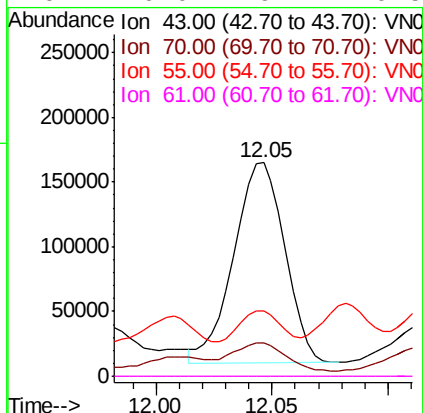
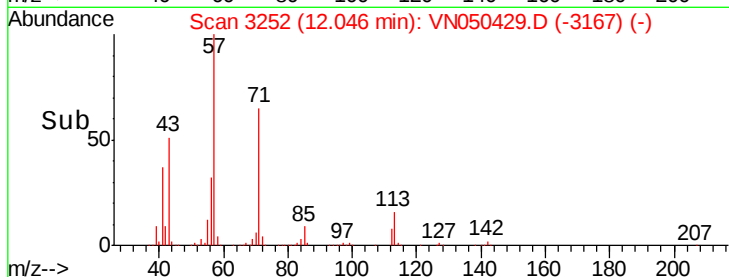
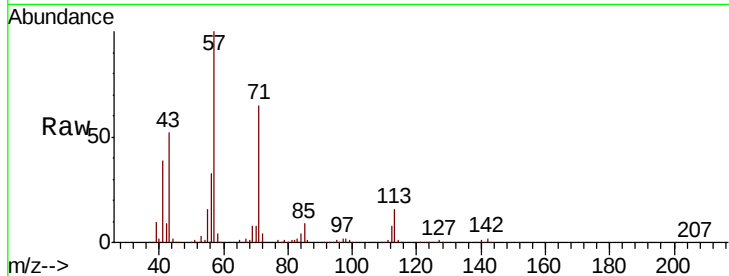
MSVOA_N

ClientSampled :

TP-4

Tot Ion: 43 Resp: 237791

Ion	Ratio	Lower	Upper
43	100		
70	14.2	34.4	51.6#
55	12.4	20.8	31.2#
61	0.0	19.7	29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.47 ug/l

RT: 12.46 min Scan# 3382

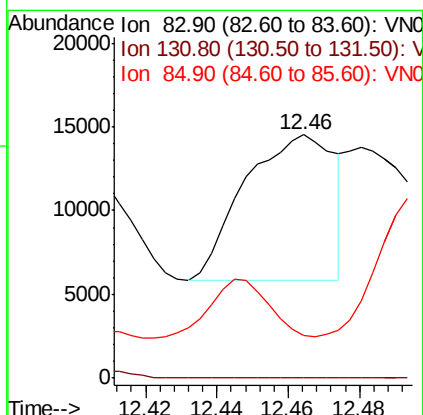
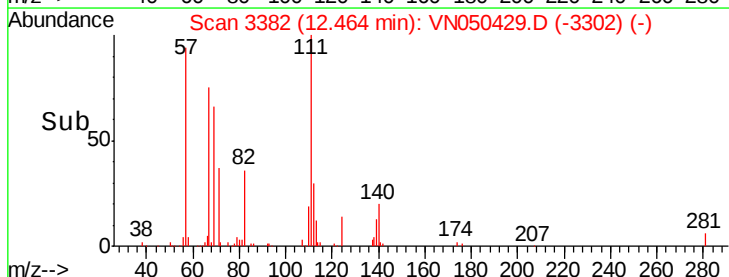
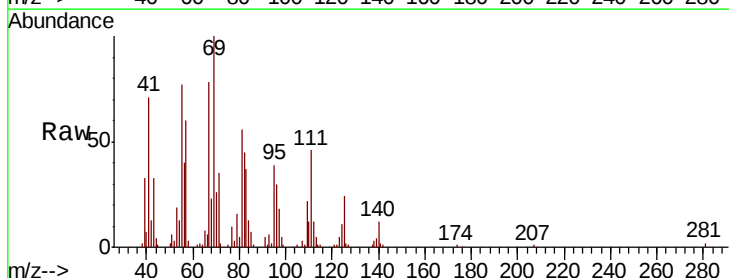
Delta R.T. -0.04 min

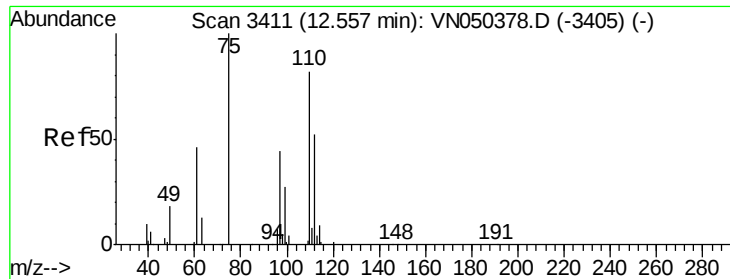
Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Tgt Ion: 83 Resp: 15182

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	27.8	32.3	96.8#

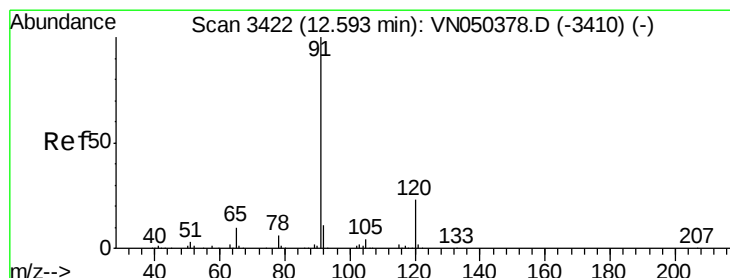
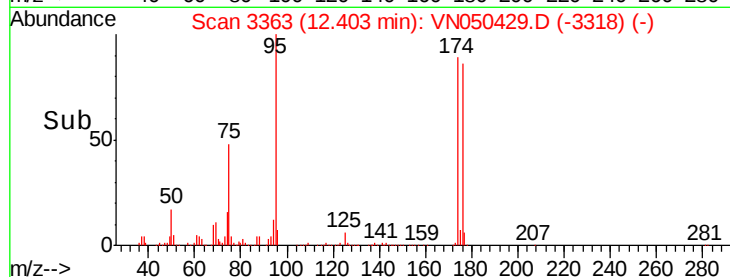
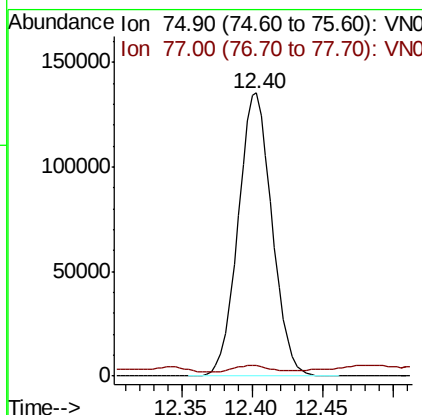
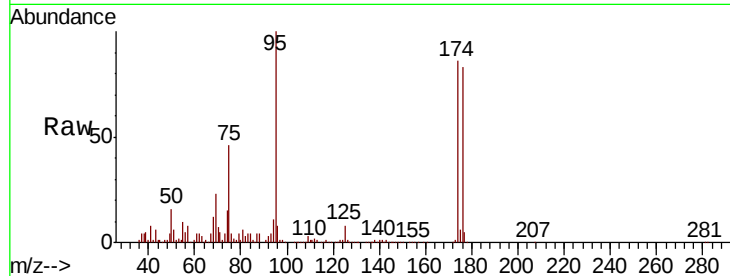




#76
 1,2,3-Trichloropropane
 Concen: 26.38 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

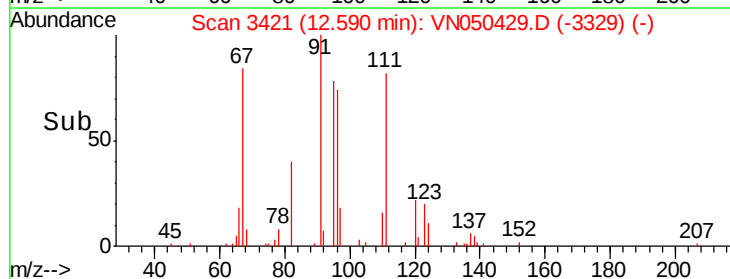
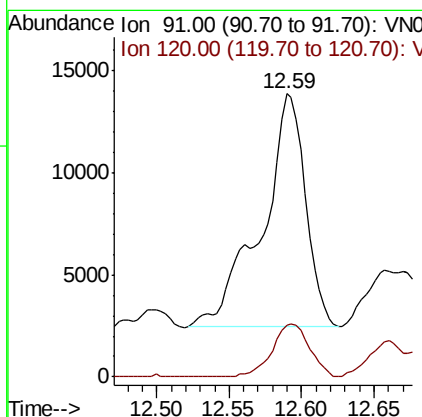
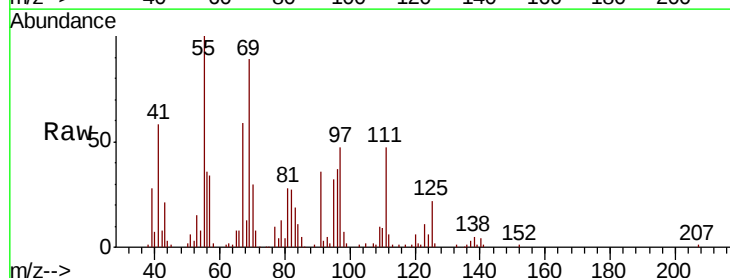
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

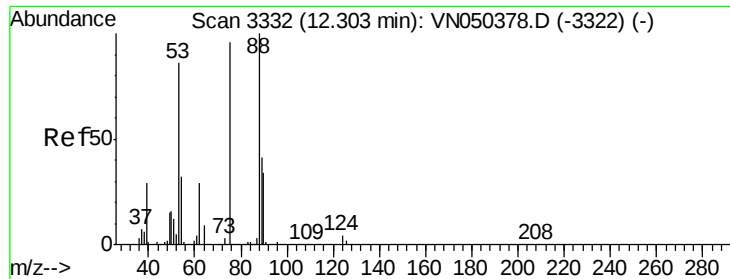
Tot Ion: 75 Resp: 227952
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.59 ug/l
 RT: 12.59 min Scan# 3421
 Delta R.T. -0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Tgt Ion: 91 Resp: 23868
 Ion Ratio Lower Upper
 91 100
 120 19.3 11.6 34.7

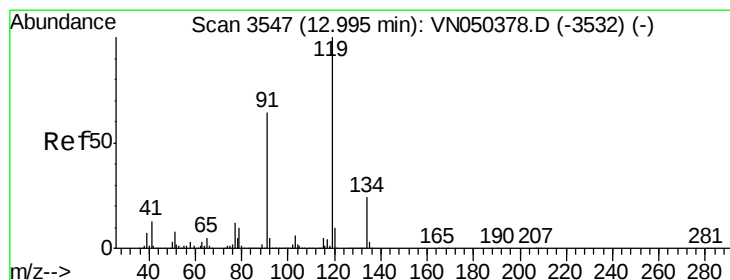
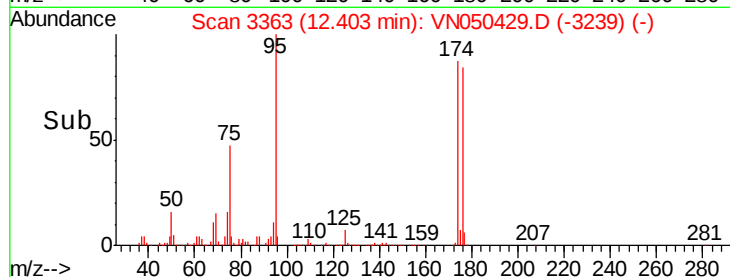
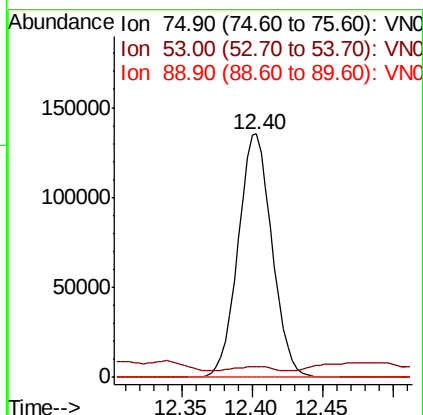
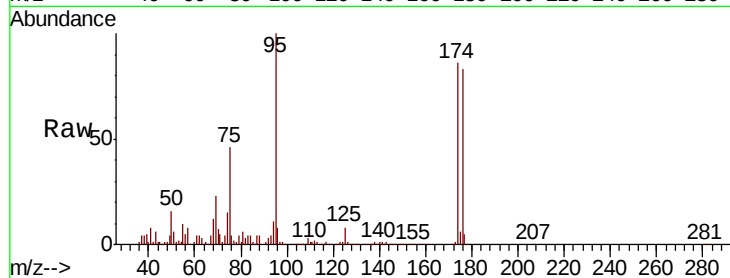




#81
trans-1,4-Dichloro-2-butene
Concen: 92.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

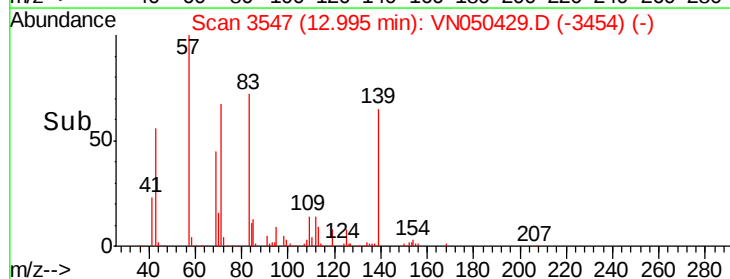
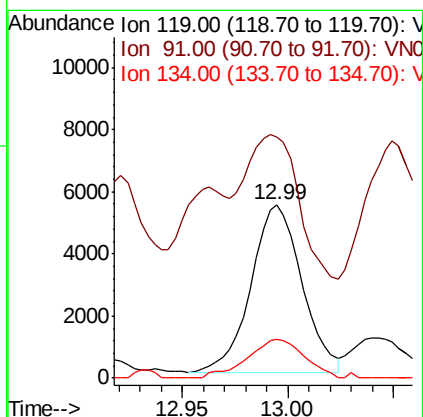
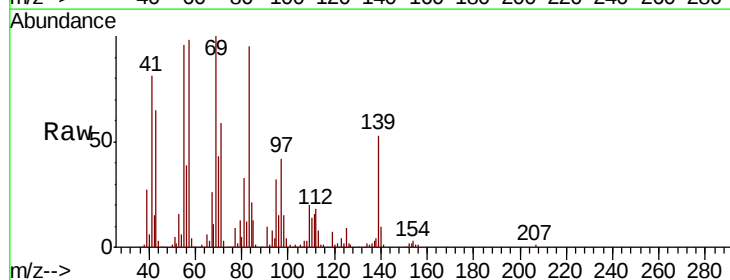
Instrument :
MSVOA_N
ClientSampled :
TP-4

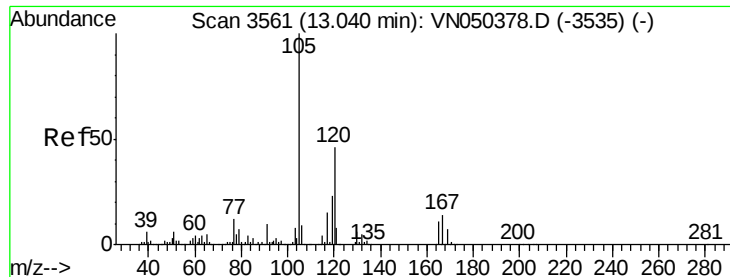
Tot Ion: 75 Resp: 227952
Ion Ratio Lower Upper
75 100
53 2.1 73.5 110.3#
89 0.0 36.0 54.0#



#83
tert-Butylbenzene
Concen: 0.36 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion: 119 Resp: 9117
Ion Ratio Lower Upper
119 100
91 90.2 32.1 96.3
134 25.8 13.2 39.5





#84

1,2,4-Trimethylbenzene

Concen: 0.49 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

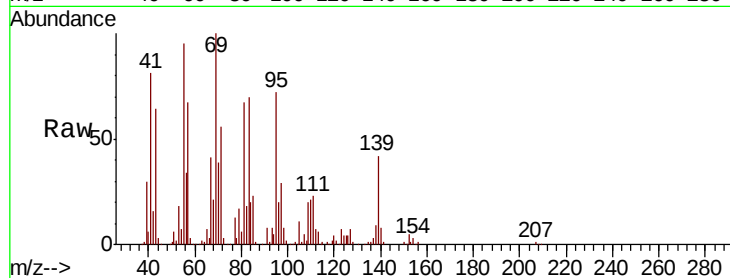
TP-4

Tot Ion:105 Resp: 14325

Ion Ratio Lower Upper

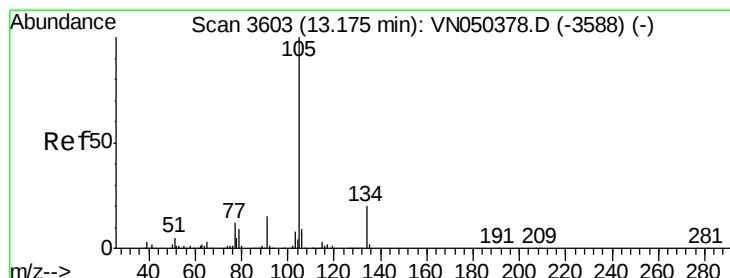
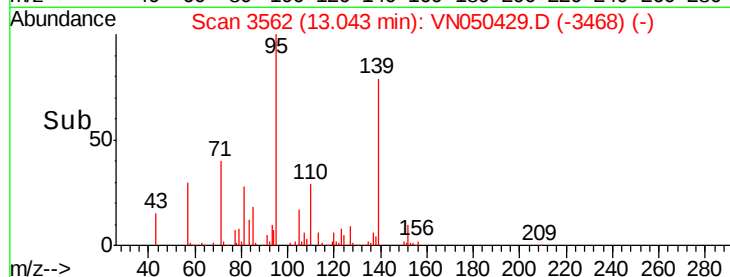
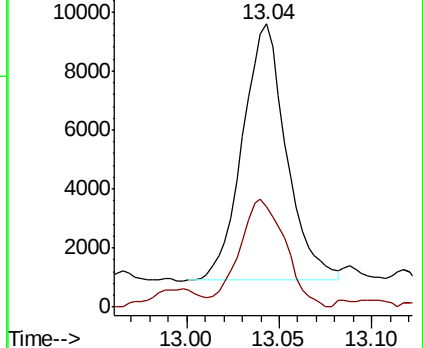
105 100

120 44.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.41 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050429.D

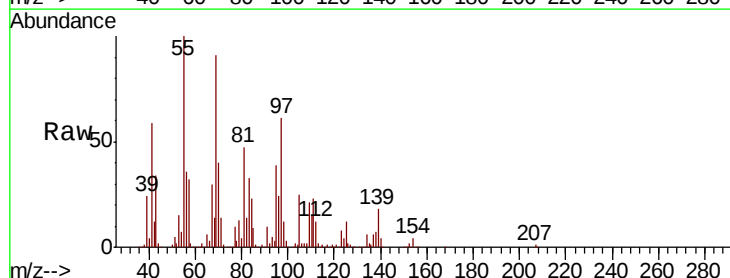
Acq: 7 Aug 2018 14:12

Tgt Ion:105 Resp: 47576

Ion Ratio Lower Upper

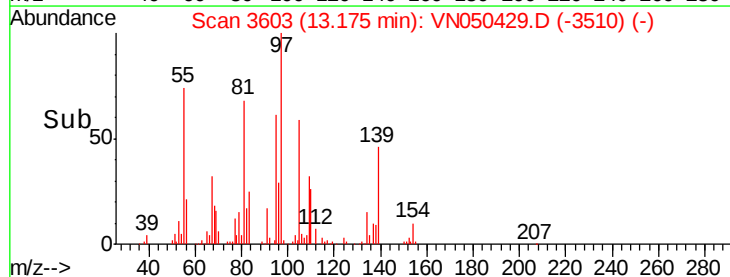
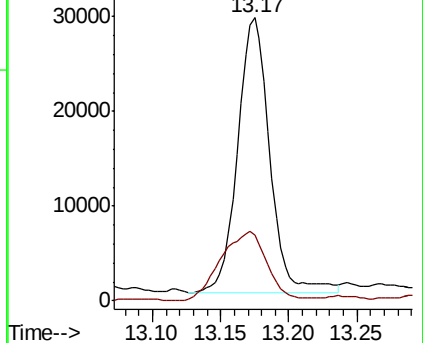
105 100

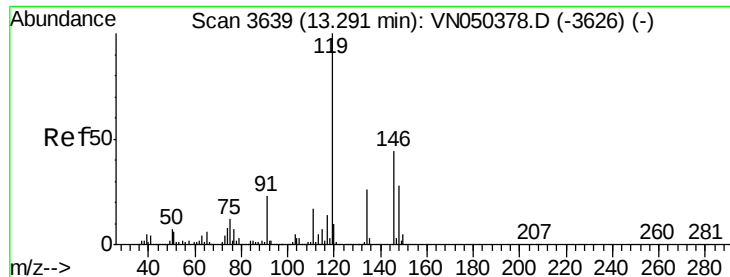
134 36.3 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

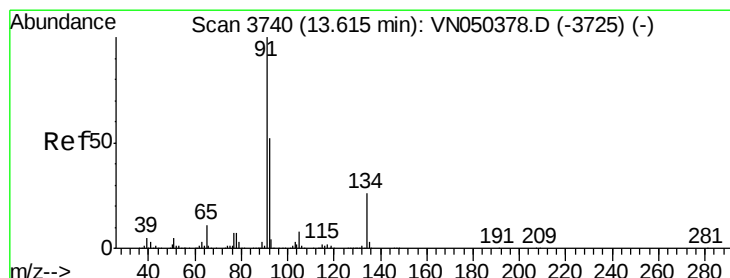
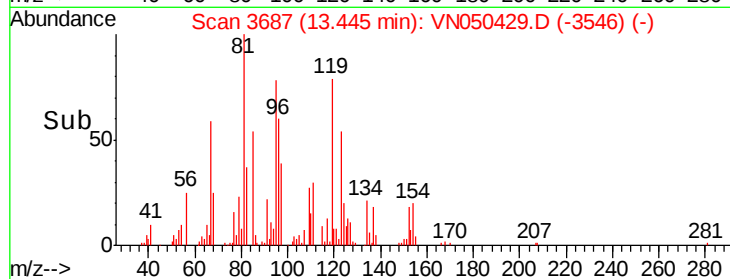
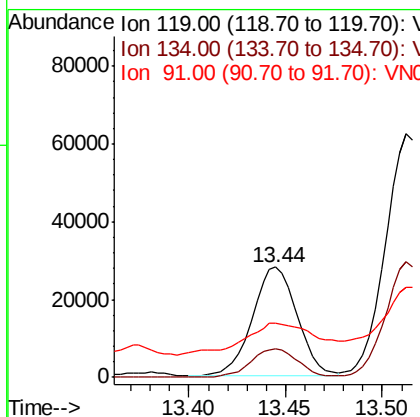
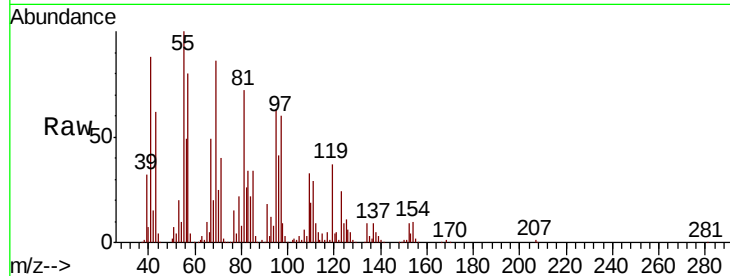




#86
 p-Isopropyltoluene
 Concen: 1.53 ug/l
 RT: 13.44 min Scan# 3687
 Delta R.T. 0.15 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

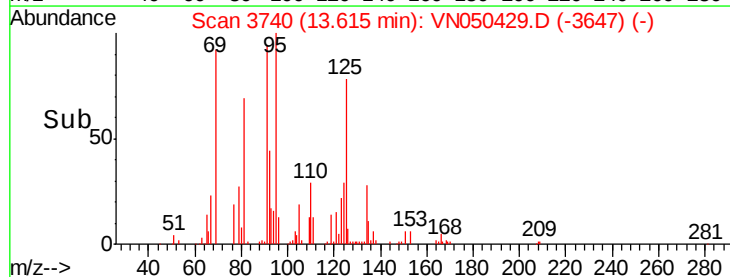
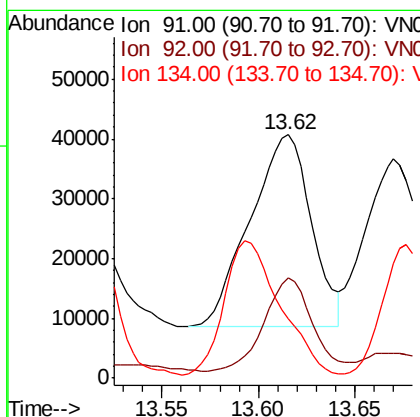
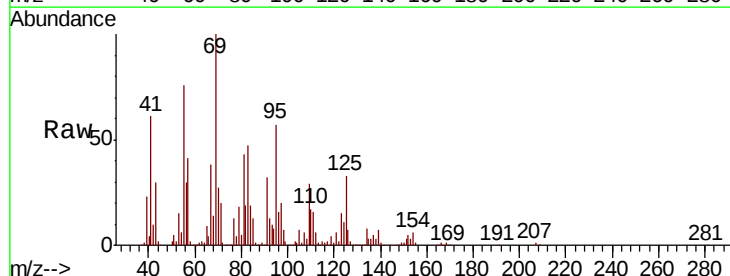
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

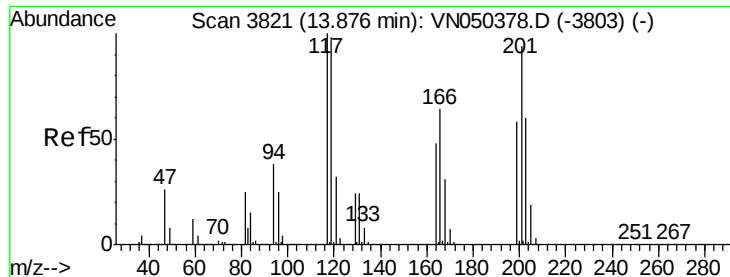
Tot Ion:119 Resp: 44233
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.3 39.8
 91 47.5 11.4 34.2#



#89
 n-Butylbenzene
 Concen: 2.87 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Tgt Ion: 91 Resp: 70815
 Ion Ratio Lower Upper
 91 100
 92 37.7 25.8 77.4
 134 0.0 12.8 38.4#





#90

Hexachloroethane

Concen: 7.91 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

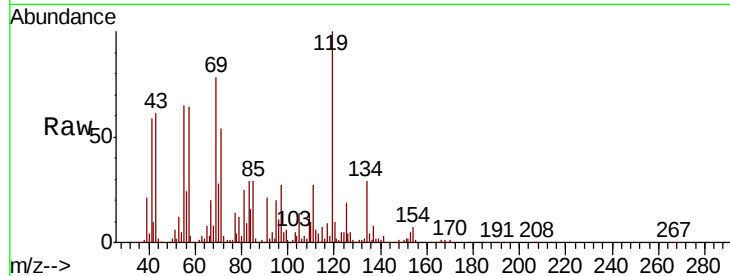
TP-4

Tot Ion:117 Resp: 40764

Ion Ratio Lower Upper

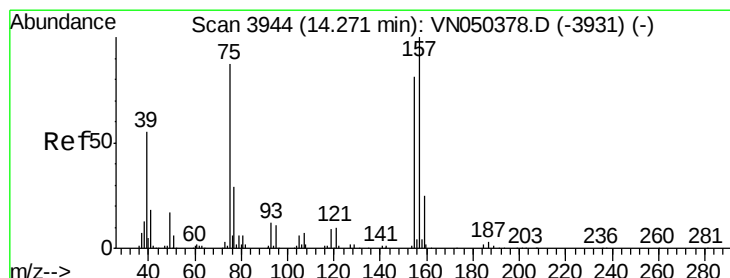
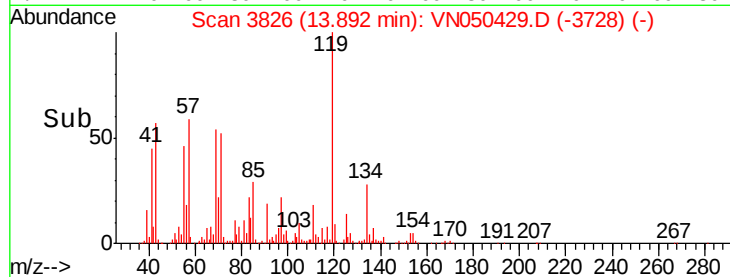
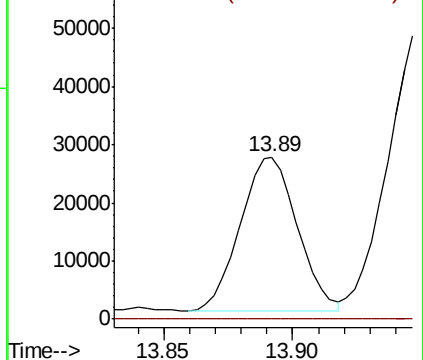
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.09 ug/l

RT: 14.29 min Scan# 3951

Delta R.T. 0.02 min

Lab File: VN050429.D

Acq: 7 Aug 2018 14:12

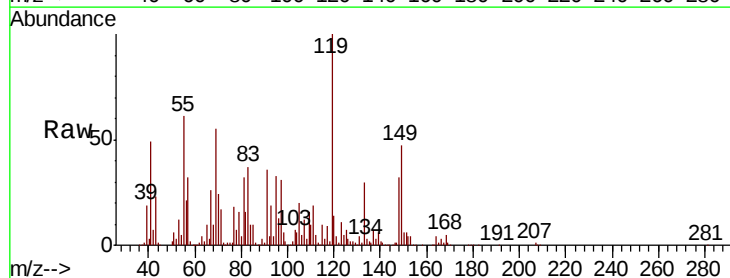
Tgt Ion: 75 Resp: 3665

Ion Ratio Lower Upper

75 100

155 17.6 44.8 134.4#

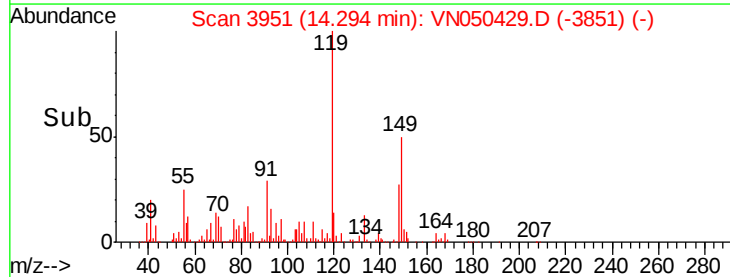
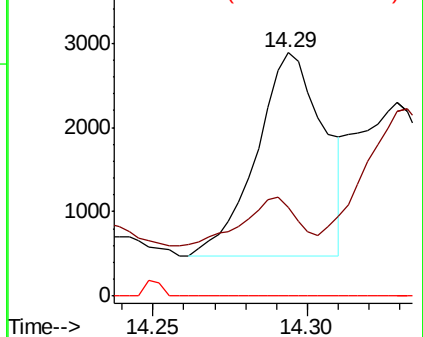
157 0.0 57.2 171.6#

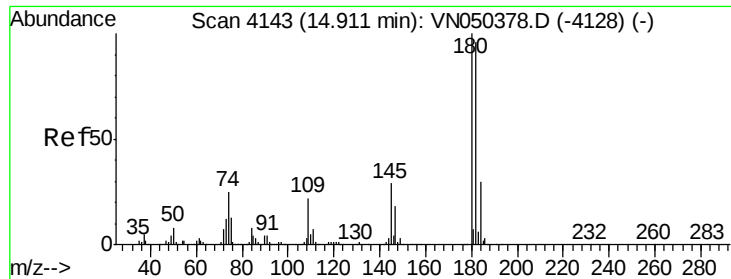


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

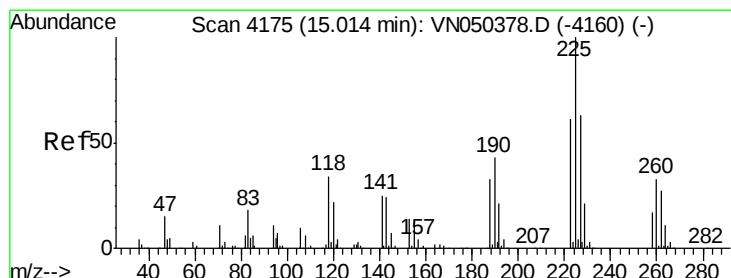
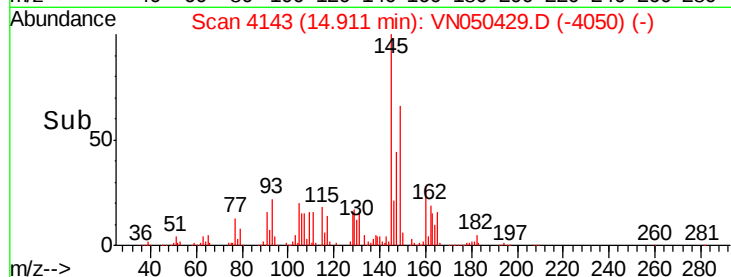
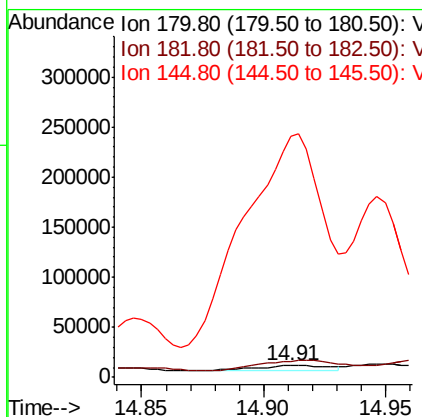
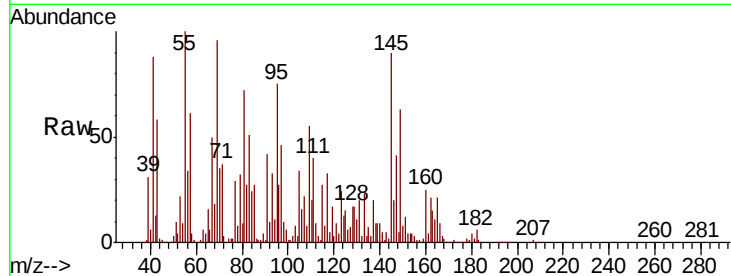




#93
 1,2,4-Trichlorobenzene
 Concen: 1.25 ua/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

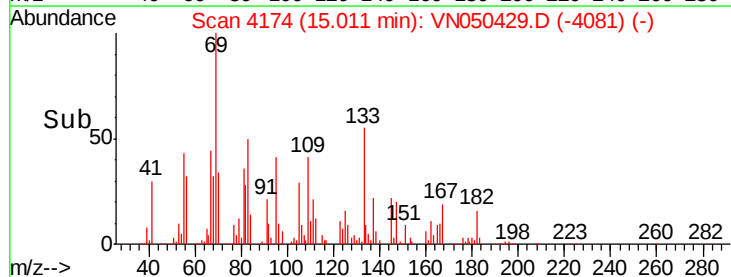
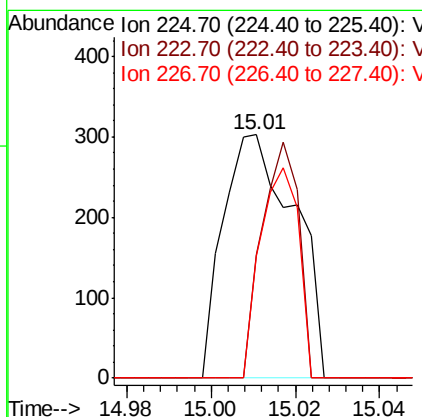
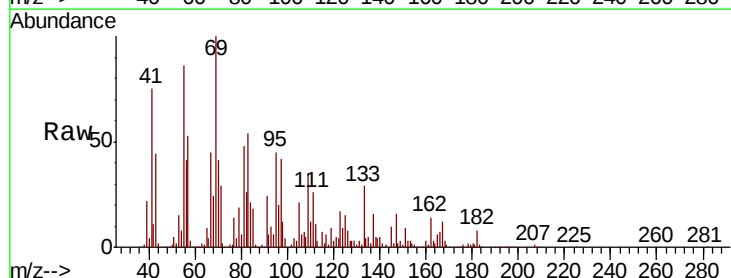
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

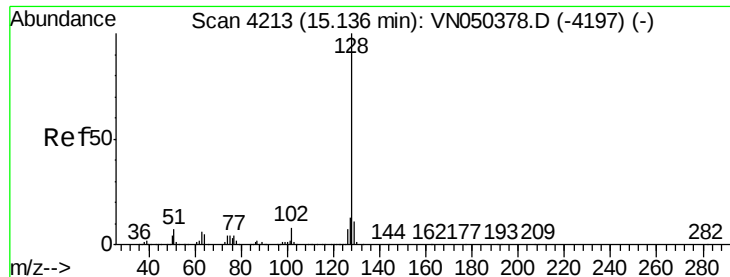
Tot Ion:180 Resp: 10927
 Ion Ratio Lower Upper
 180 100
 182 231.4 46.7 140.1#
 145 5255.6 13.8 41.4#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050429.D
 Acq: 7 Aug 2018 14:12

Tgt Ion:225 Resp: 354
 Ion Ratio Lower Upper
 225 100
 223 50.0 31.4 94.2
 227 46.6 32.1 96.5

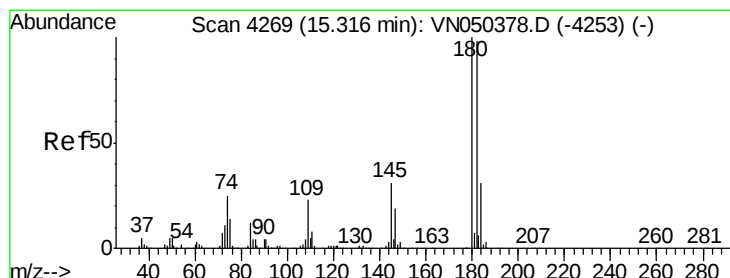
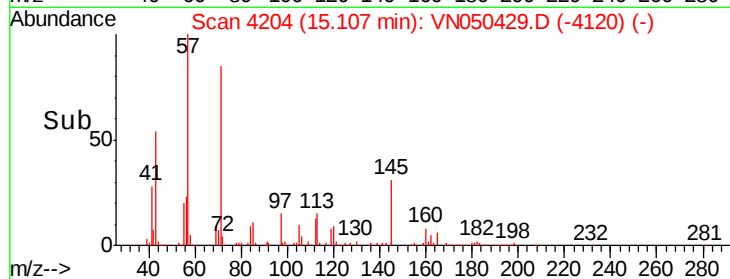
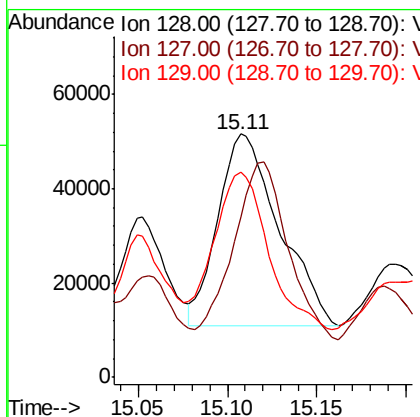
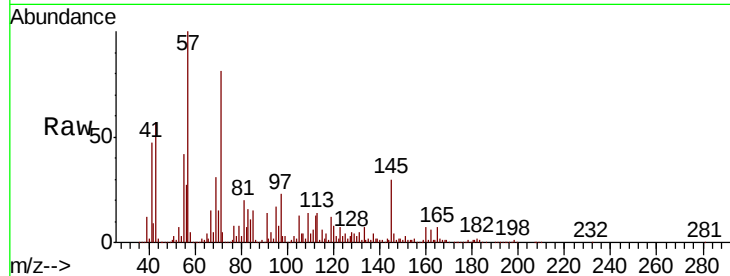




#95
Naphthalene
Concen: 7.52 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. -0.03 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion:128 Resp: 97321
Ion Ratio Lower Upper
128 100
127 82.1 10.4 15.6#
129 72.6 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 5.06 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. -0.03 min
Lab File: VN050429.D
Acq: 7 Aug 2018 14:12

Tgt Ion:180 Resp: 44632
Ion Ratio Lower Upper
180 100
182 33.0 48.1 144.4#
145 908.3 15.3 45.9#

