

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
 Data File : VN058108.D
 Acq On : 16 Sep 2019 11:22
 Operator : JC/SP
 Sample : K4871-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DAY-1

Quant Time: Sep 17 03:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	297263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	497847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	341549	56.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.46%	
35) Dibromofluoromethane	7.58	113	233750	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.08	98	918057	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	319850	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

					Qvalue	
3) Chloromethane	2.04	50	1235	0.295 ug/l	96	
5) Bromomethane	2.55	94	67	Below Cal	#	2
11) Tert butyl alcohol	4.76	59	1067	1.464 ug/l	#	80
16) Acetone	3.81	43	4556	2.308 ug/l		95
17) Carbon Disulfide	4.03	76	295	0.218 ug/l	#	75
18) Methyl Acetate	4.33	43	4097	0.779 ug/l	#	67
20) Methylene Chloride	4.52	84	35	Below Cal	#	4
25) 2-Butanone	6.82	43	1060	0.371 ug/l	#	49
27) cis-1,2-Dichloroethene	6.81	96	2727	0.595 ug/l		96
31) Cyclohexane	7.65	56	7957	Below Cal	#	19
36) 1,1-Dichloropropene	7.65	75	25678	4.447 ug/l	#	51
38) Carbon Tetrachloride	7.65	117	32282	6.124 ug/l	#	16
40) Benzene	8.03	78	14033	0.807 ug/l		94
43) Isopropyl Acetate	8.21	43	29181	2.909 ug/l	#	58
52) Toluene	10.15	92	3686	0.337 ug/l		89
58) 2-Chloroethyl Vinyl ether	9.71	63	2159	0.656 ug/l	#	50
67) Ethyl Benzene	11.51	91	5692	0.268 ug/l		97
69) o-Xylene	11.95	106	4204	0.543 ug/l		82
73) Isopropylbenzene	12.25	105	9279	0.456 ug/l		99
74) N-amyl acetate	12.04	43	1836	0.207 ug/l	#	14
76) 1,2,3-Trichloropropane	12.40	75	176388	29.712 ug/l	#	100
78) n-propylbenzene	12.60	91	20196	0.864 ug/l		98
79) 2-Chlorotoluene	12.60	91	20196	1.367 ug/l	#	50
81) trans-1,4-Dichloro-2-buten	12.40	75	176388	104.558 ug/l	#	6
82) 4-Chlorotoluene	12.90	91	3390	0.223 ug/l	#	43
84) 1,2,4-Trimethylbenzene	13.05	105	3687	0.211 ug/l		84
85) sec-Butylbenzene	13.17	105	10327	0.509 ug/l		90
86) p-Isopropyltoluene	13.45	119	6354	0.356 ug/l		88
89) n-Butylbenzene	13.62	91	12558	0.745 ug/l	#	71
90) Hexachloroethane	13.90	117	11547	4.347 ug/l	#	12
91) 1,2-Dichlorobenzene	13.66	146	40070	4.304 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.29	75	289	0.255 ug/l	#	6
95) Naphthalene	15.13	128	17736	Below Cal	#	96
96) 1,2,3-Trichlorobenzene	15.30	180	555	1.101 ug/l	#	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DAY-1

Quant Time: Sep 17 03:48:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

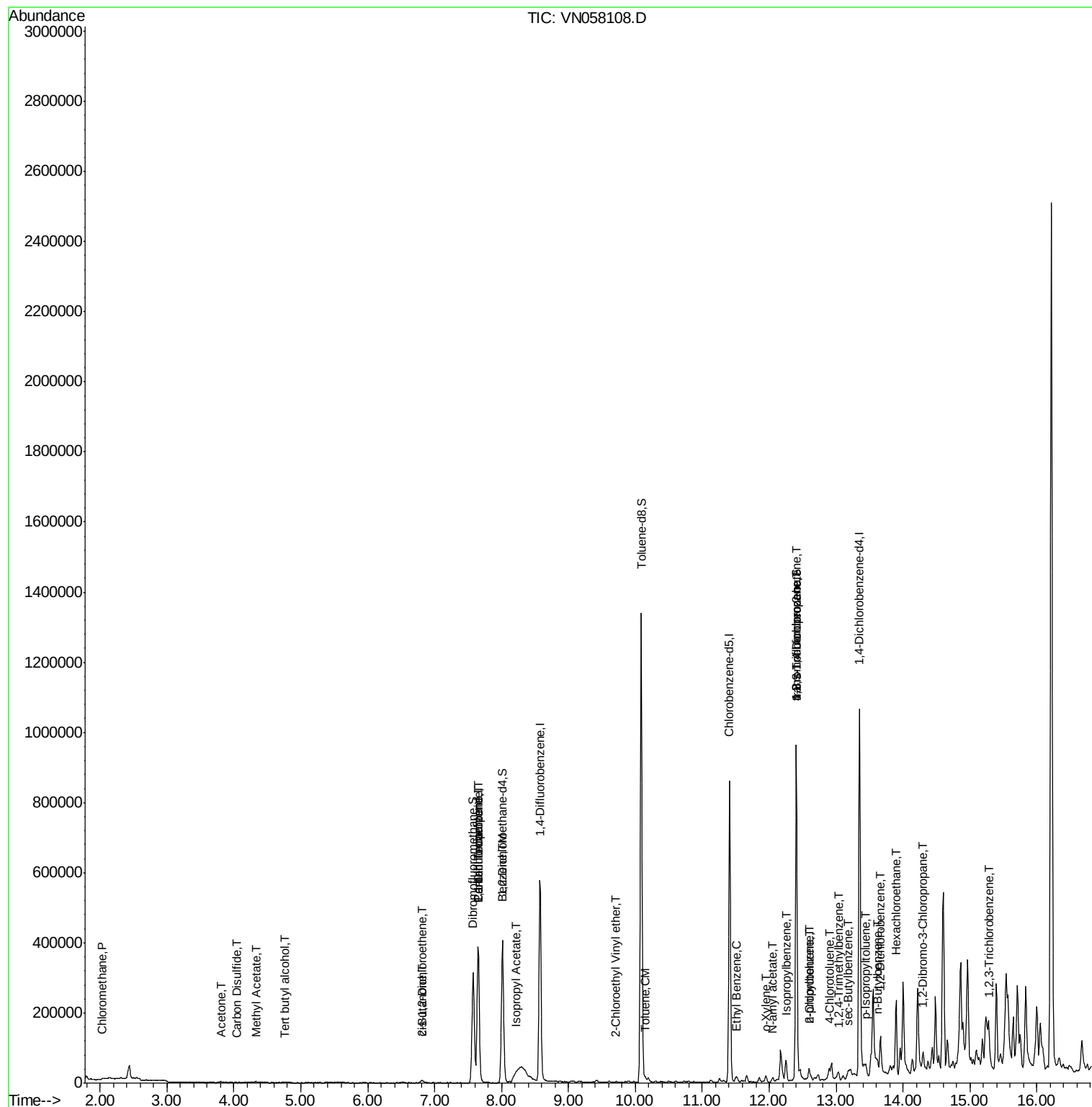
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

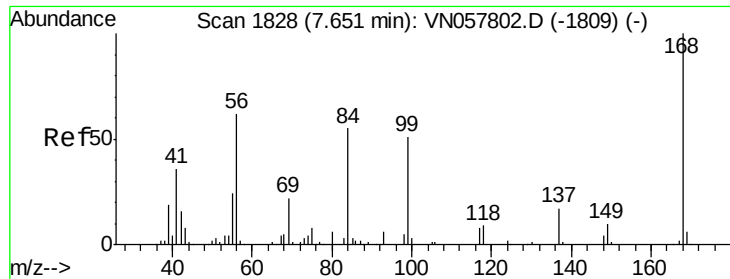
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058108.D
Acq On : 16 Sep 2019 11:22
Operator : JC/SP
Sample : K4871-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DAY-1

Quant Time: Sep 17 03:48:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

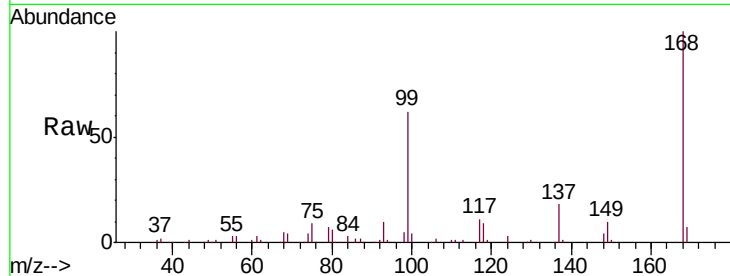
DAY-1

Tgt Ion:168 Resp: 297263

Ion Ratio Lower Upper

168 100

99 62.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

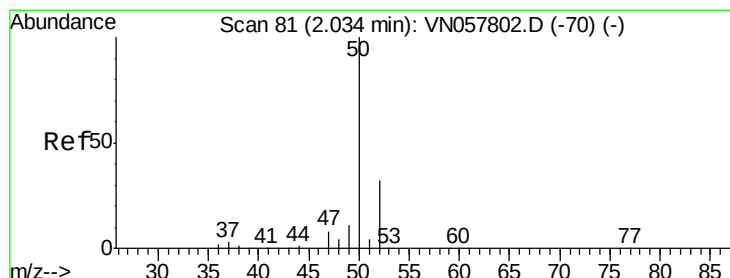
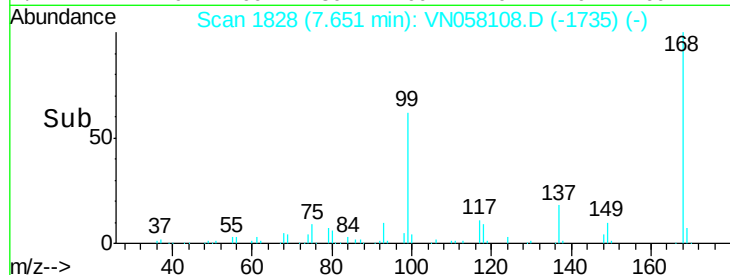
7.65

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.295 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058108.D

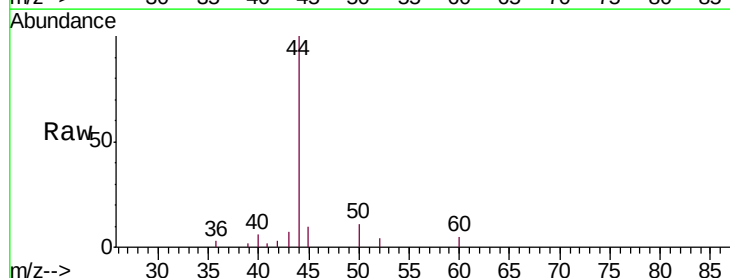
Acq: 16 Sep 2019 11:22

Tgt Ion: 50 Resp: 1235

Ion Ratio Lower Upper

50 100

52 34.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

1000

800

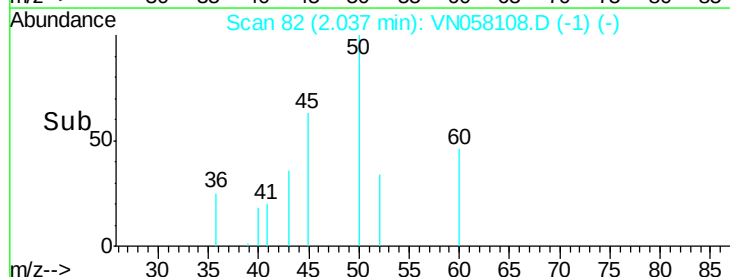
600

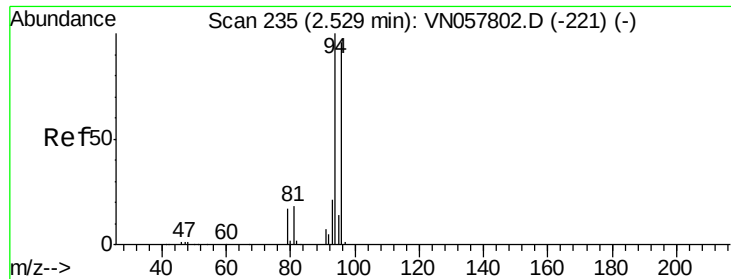
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 243

Delta R.T. 0.03 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

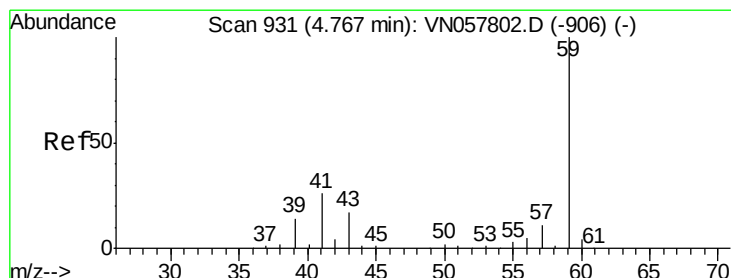
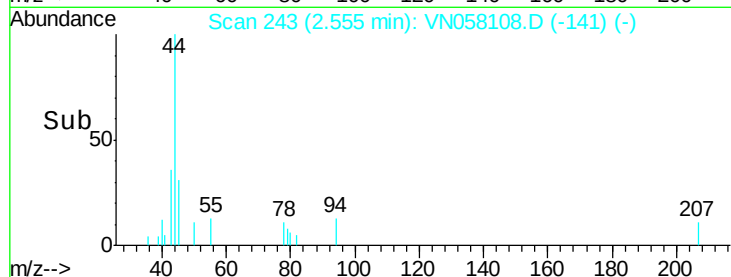
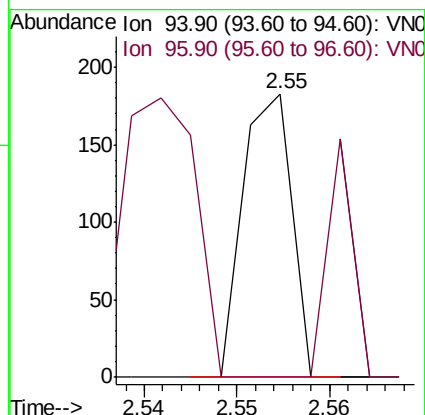
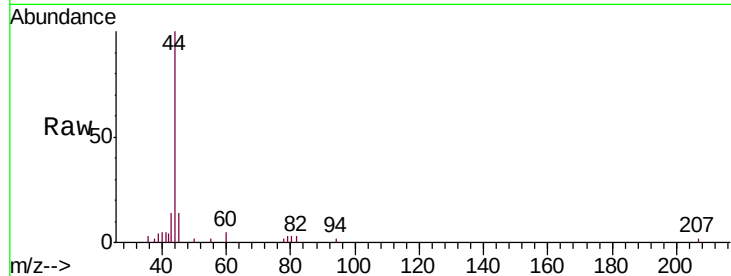
DAY-1

Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



#11

Tert butyl alcohol

Concen: 1.464 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN058108.D

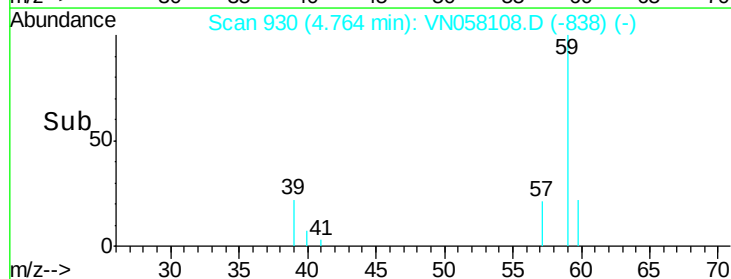
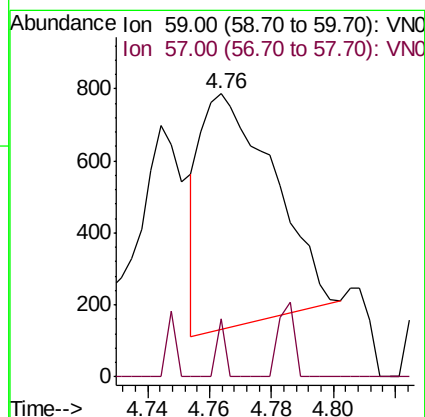
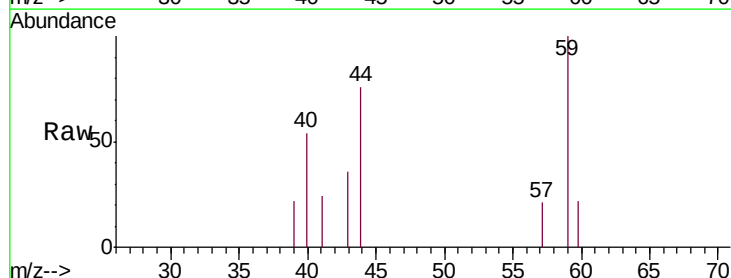
Acq: 16 Sep 2019 11:22

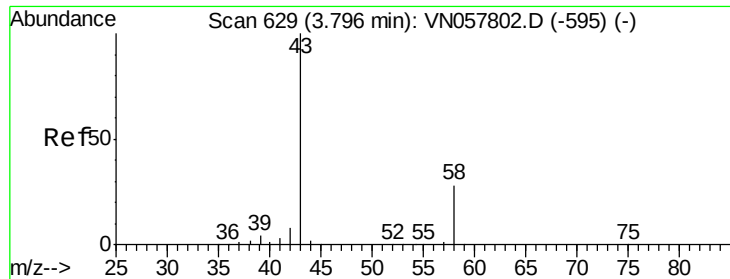
Tgt Ion: 59 Resp: 1067

Ion Ratio Lower Upper

59 100

57 2.9 8.4 12.6#





#16

Acetone

Concen: 2.308 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

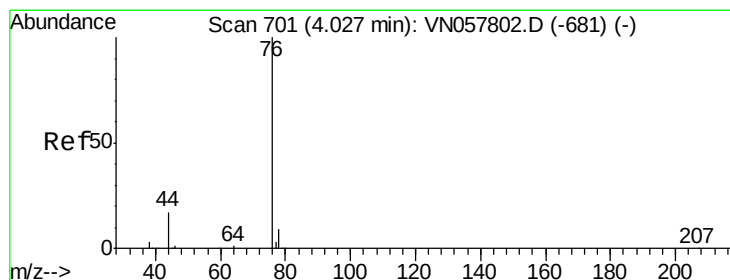
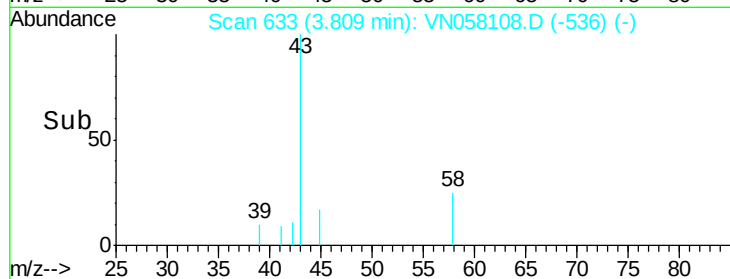
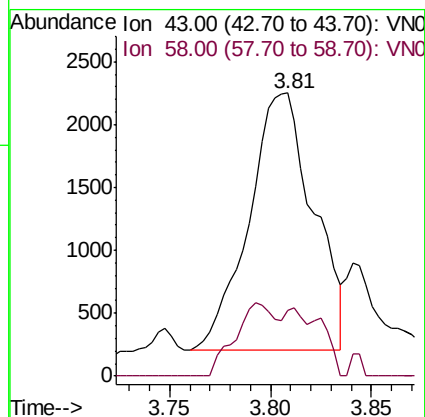
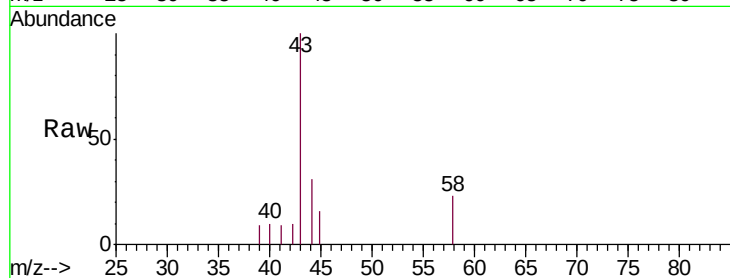
DAY-1

Tgt Ion: 43 Resp: 4556

Ion Ratio Lower Upper

43 100

58 25.3 22.2 33.2



#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058108.D

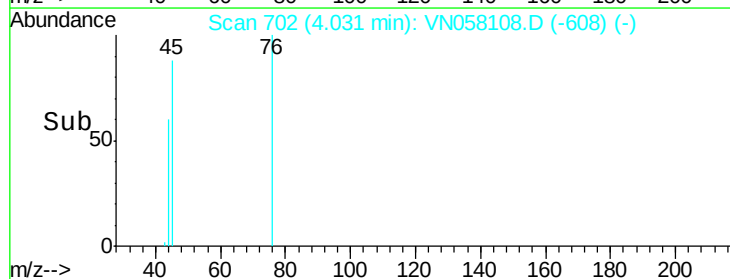
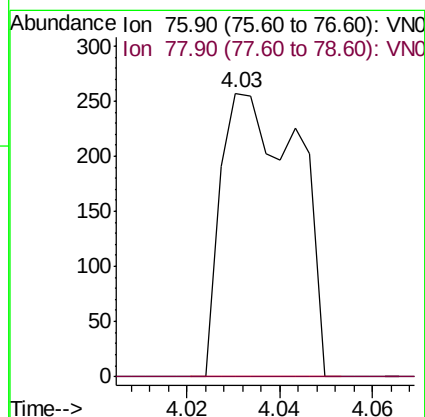
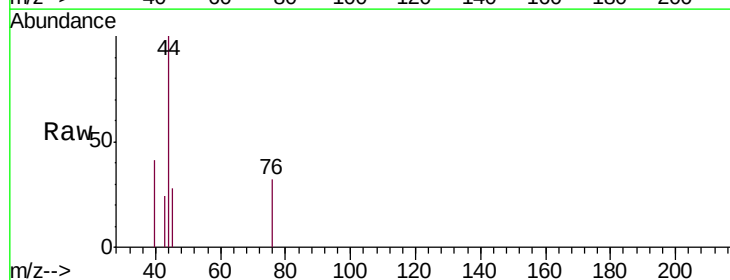
Acq: 16 Sep 2019 11:22

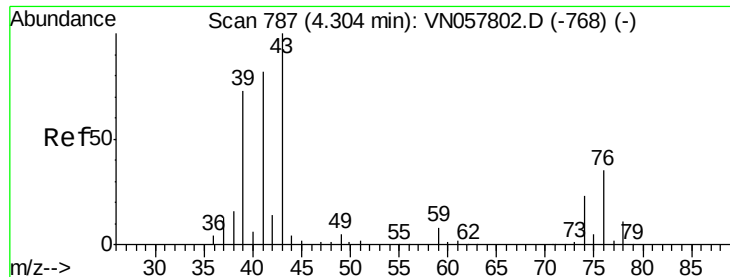
Tgt Ion: 76 Resp: 295

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

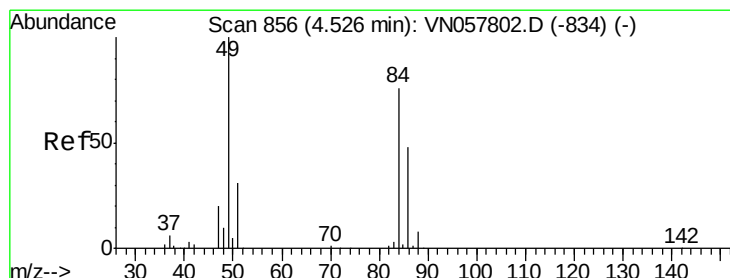
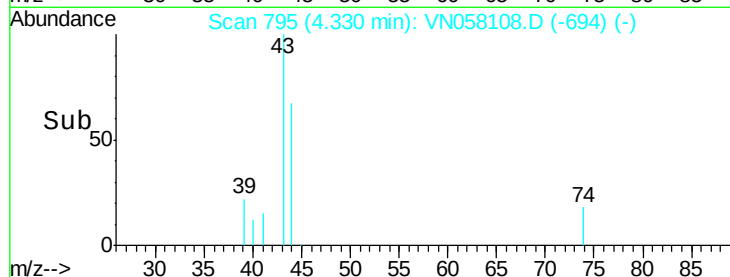
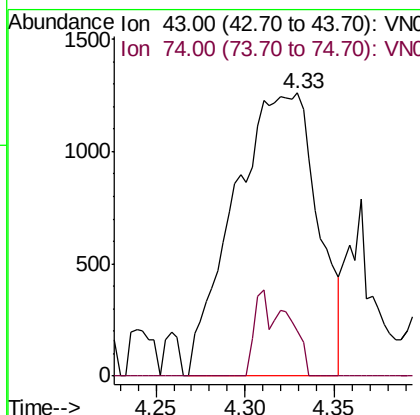
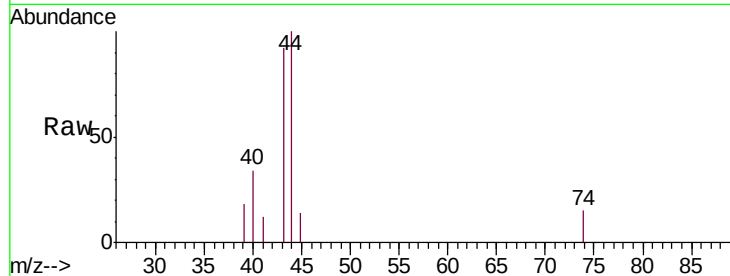




#18
Methyl Acetate
Concen: 0.779 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.03 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

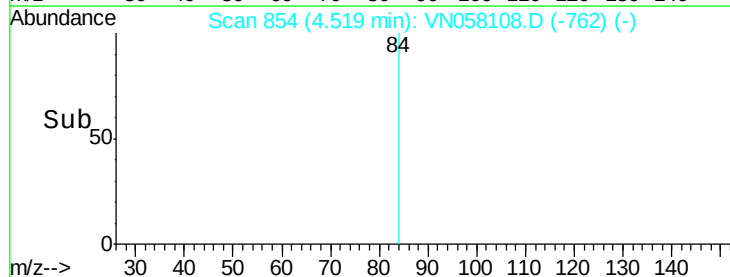
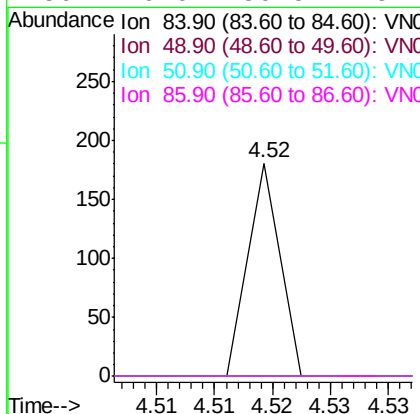
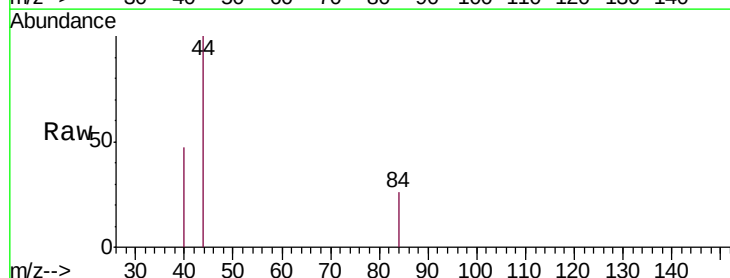
Instrument :
MSVOA_N
ClientSampled :
DAY-1

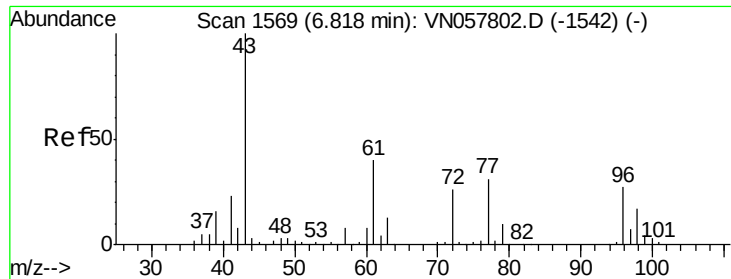
Tgt Ion: 43 Resp: 4097
Ion Ratio Lower Upper
43 100
74 6.4 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Tgt Ion: 84 Resp: 35
Ion Ratio Lower Upper
84 100
49 0.0 104.8 157.2#
51 0.0 33.0 49.4#
86 0.0 50.5 75.7#





#25

2-Butanone

Concen: 0.371 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

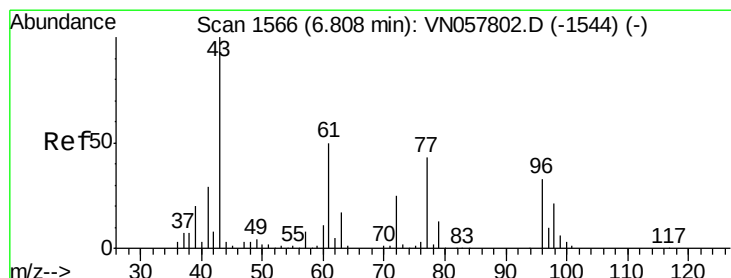
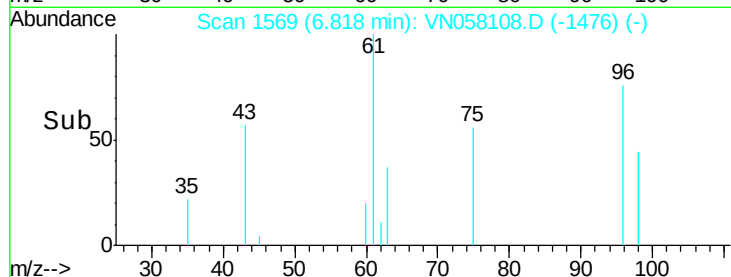
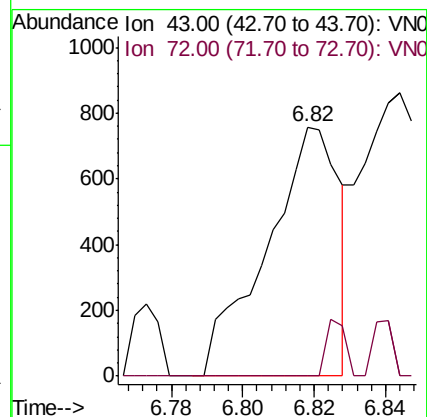
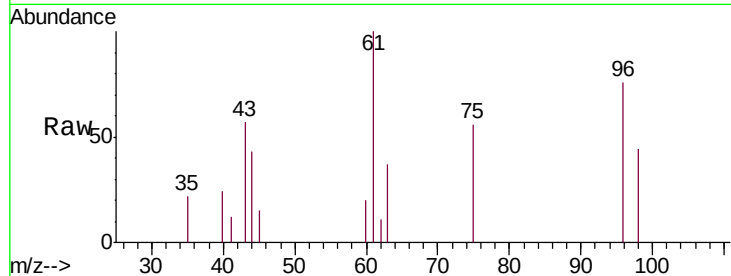
DAY-1

Tgt Ion: 43 Resp: 1060

Ion Ratio Lower Upper

43 100

72 0.0 20.6 30.8#



#27

cis-1,2-Dichloroethene

Concen: 0.595 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

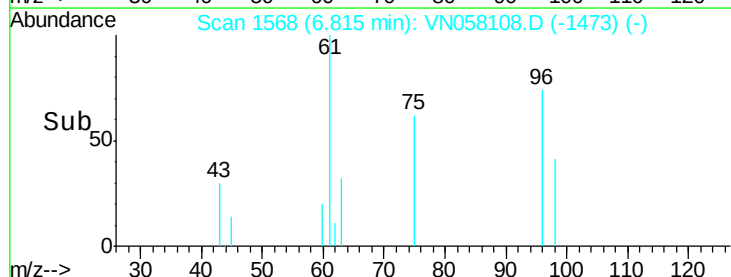
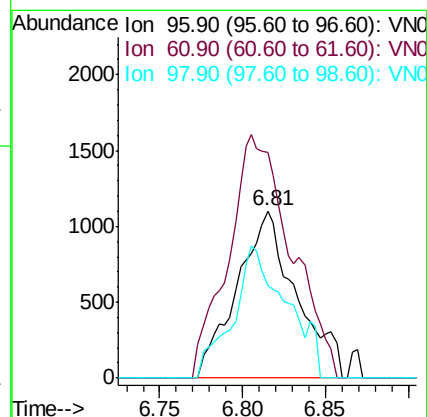
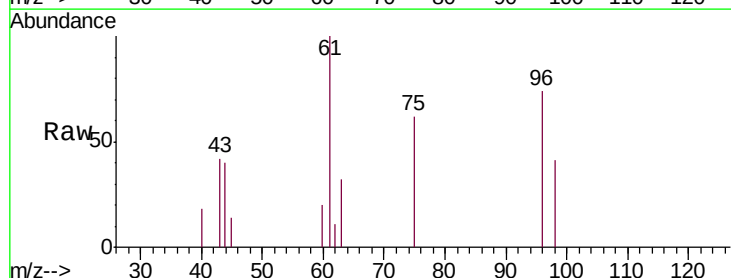
Tgt Ion: 96 Resp: 2727

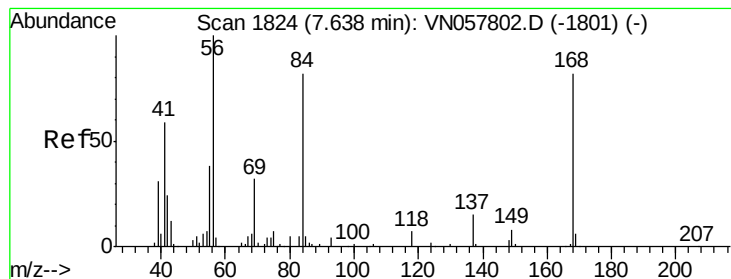
Ion Ratio Lower Upper

96 100

61 155.1 0.0 314.0

98 72.5 0.0 128.6





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

DAY-1

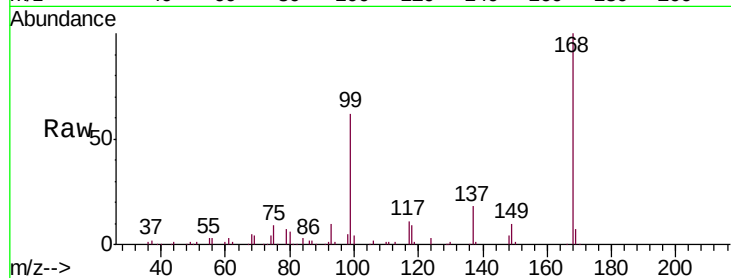
Tgt Ion: 56 Resp: 7957

Ion Ratio Lower Upper

56 100

69 138.8 25.9 38.9#

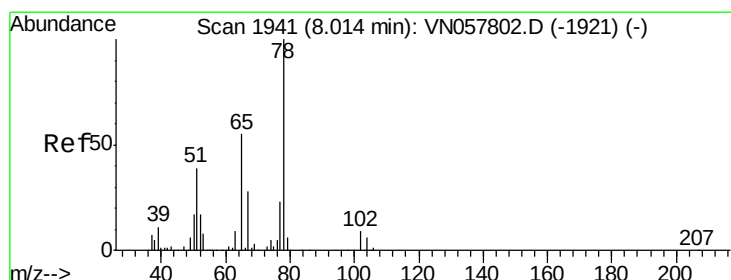
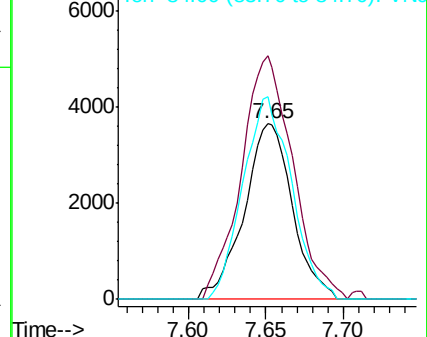
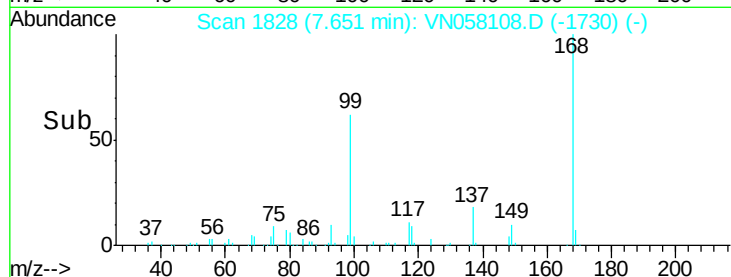
84 115.6 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.728 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058108.D

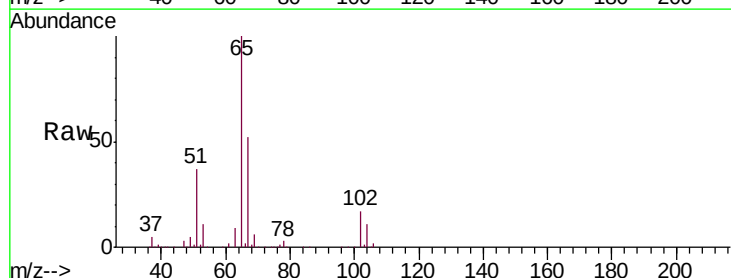
Acq: 16 Sep 2019 11:22

Tgt Ion: 65 Resp: 341549

Ion Ratio Lower Upper

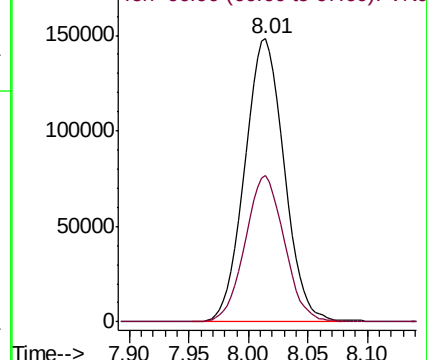
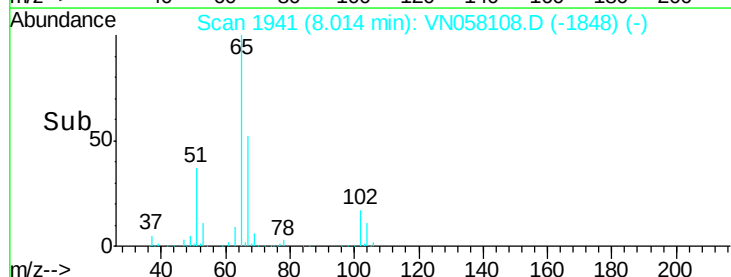
65 100

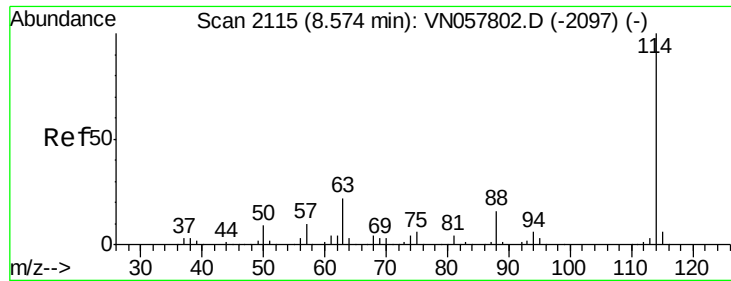
67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

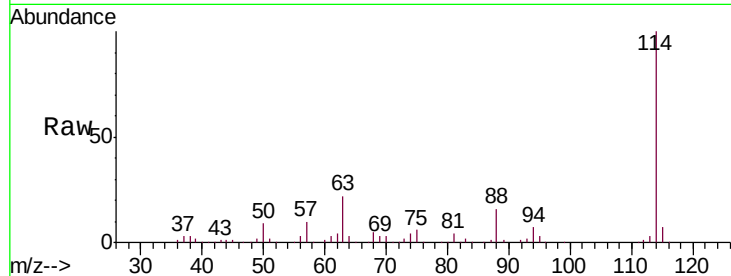




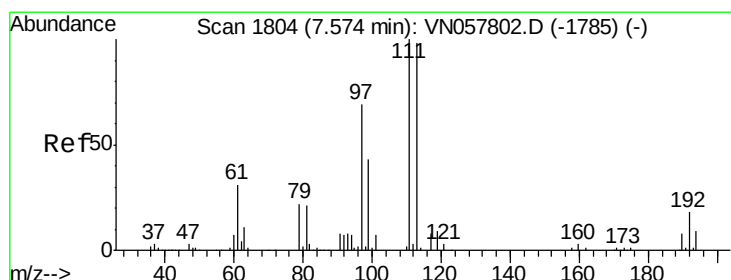
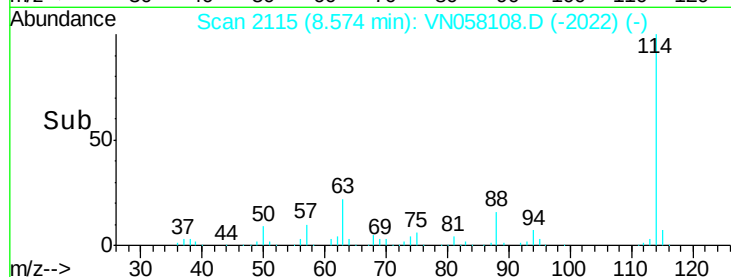
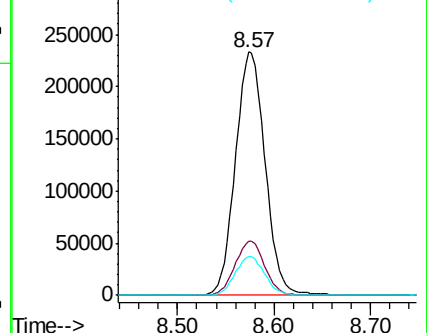
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 DAY-1

Tgt Ion:114 Resp: 497847
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.0
 88 16.0 0.0 31.4

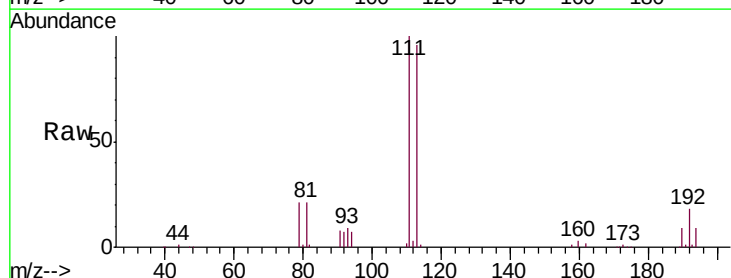


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

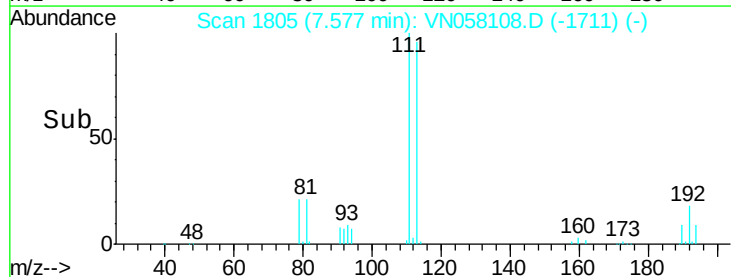
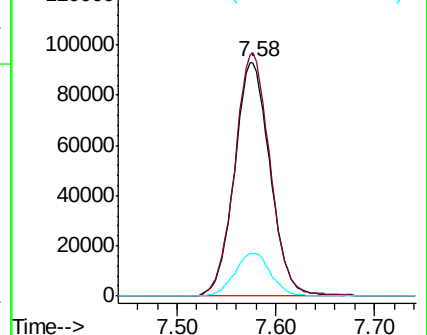


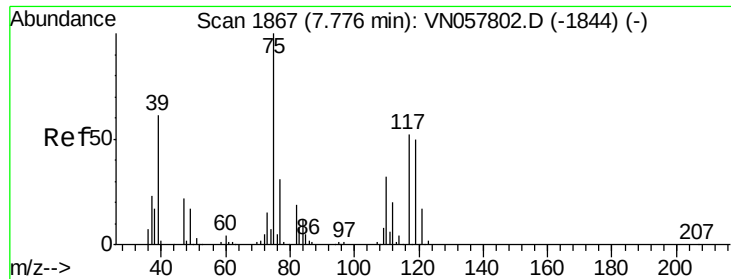
#35
 Dibromofluoromethane
 Concen: 50.871 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Tgt Ion:113 Resp: 233750
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.3 121.9
 192 18.6 14.6 22.0



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

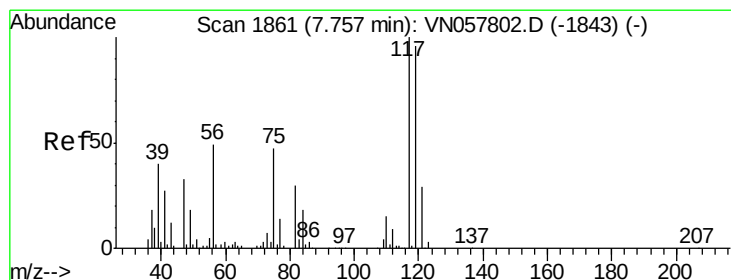
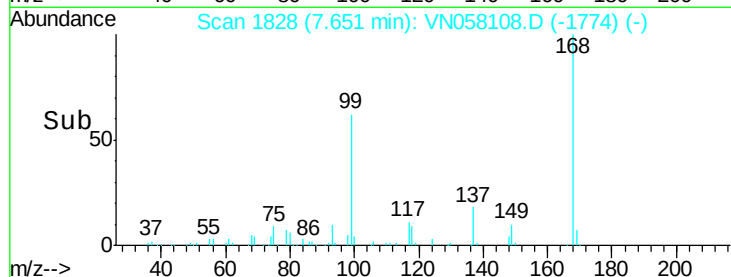
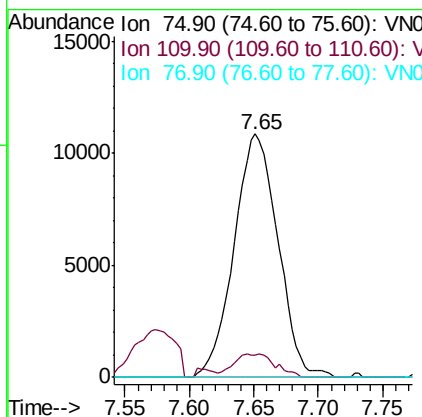
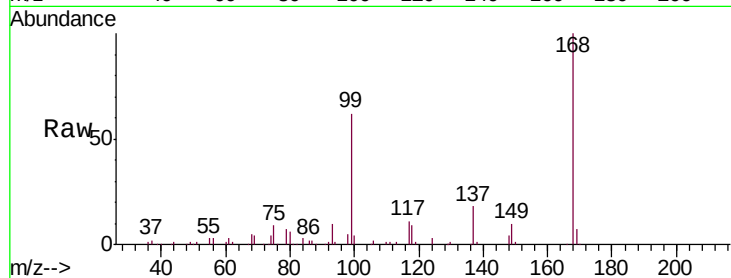




#36
 1,1-Dichloropropene
 Concen: 4.447 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

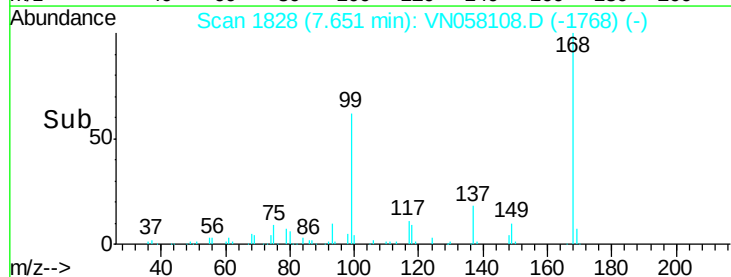
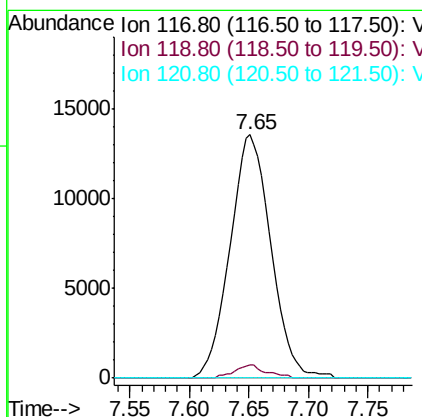
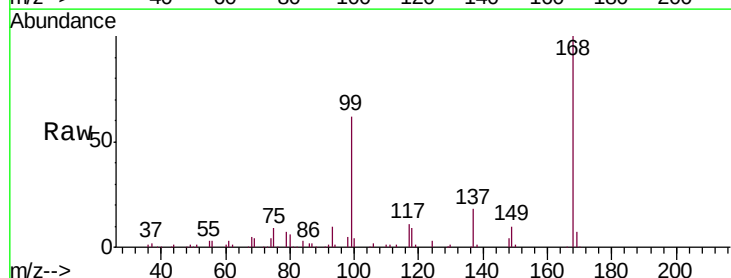
Instrument :
 MSVOA_N
 ClientSampled :
 DAY-1

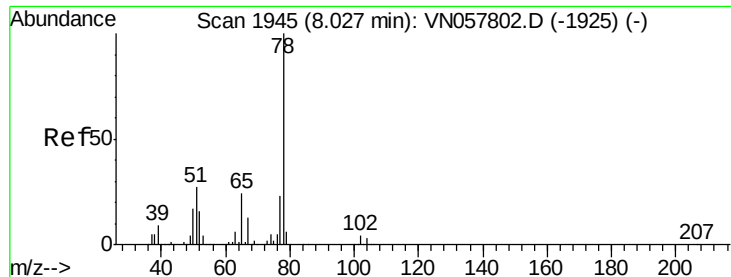
Tgt Ion: 75 Resp: 25678
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.3 48.9#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.124 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Tgt Ion: 117 Resp: 32282
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.9 115.3#
 121 0.0 23.4 35.2#





#40

Benzene

Concen: 0.807 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

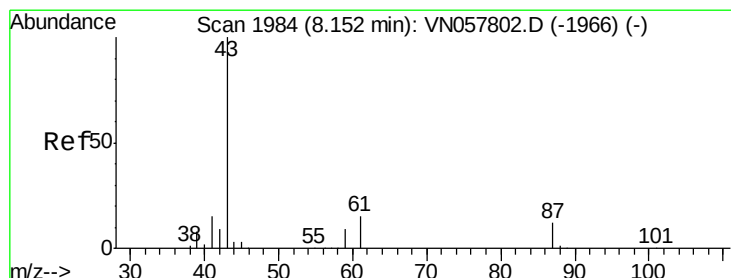
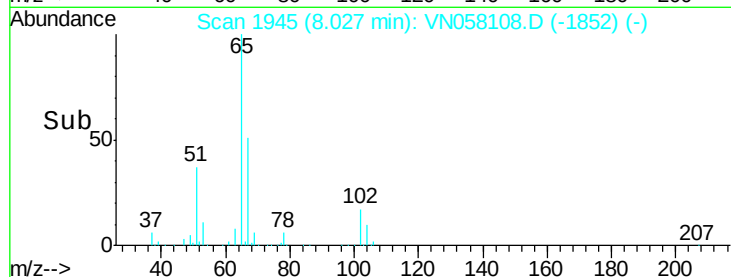
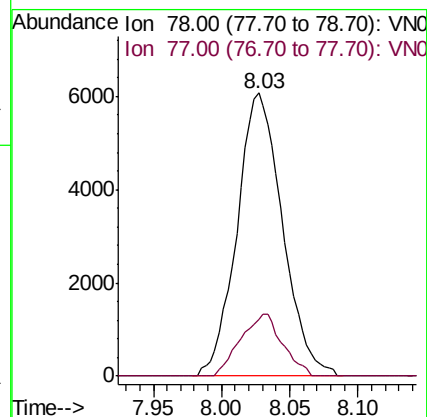
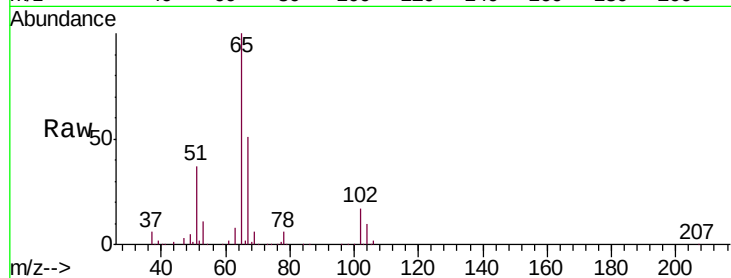
DAY-1

Tgt Ion: 78 Resp: 14033

Ion Ratio Lower Upper

78 100

77 20.2 18.3 27.5



#43

Isopropyl Acetate

Concen: 2.909 ug/l

RT: 8.21 min Scan# 2003

Delta R.T. 0.06 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

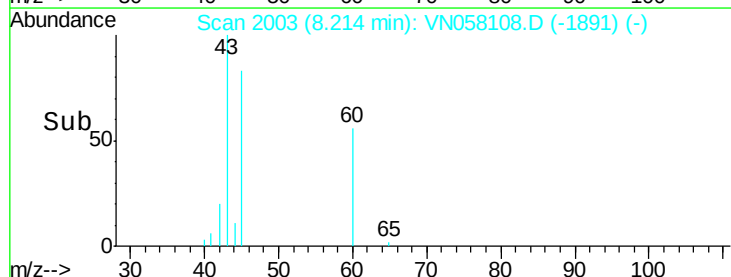
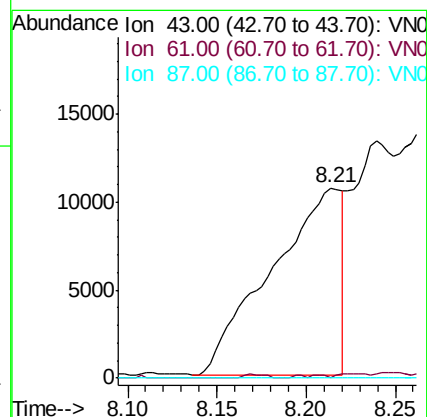
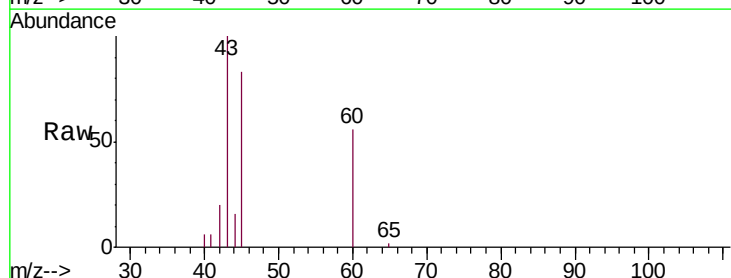
Tgt Ion: 43 Resp: 29181

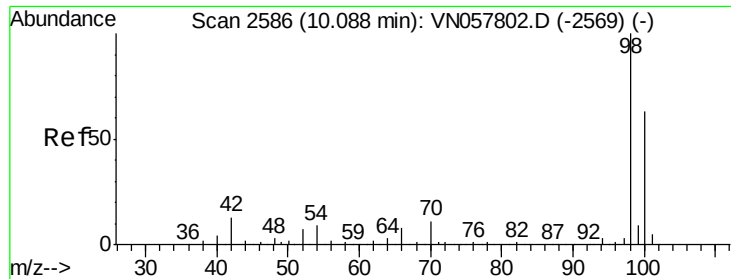
Ion Ratio Lower Upper

43 100

61 1.1 20.1 30.1#

87 0.0 9.5 14.3#





#50

Toluene-d8

Concen: 51.461 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

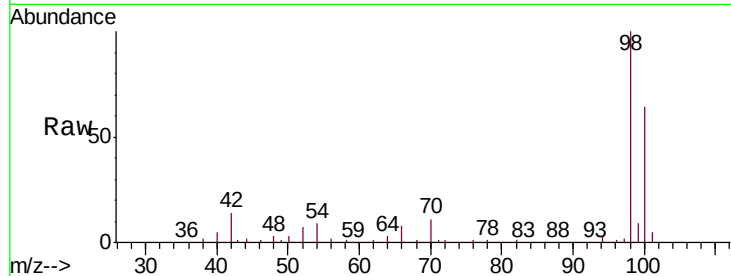
DAY-1

Tgt Ion: 98 Resp: 918057

Ion Ratio Lower Upper

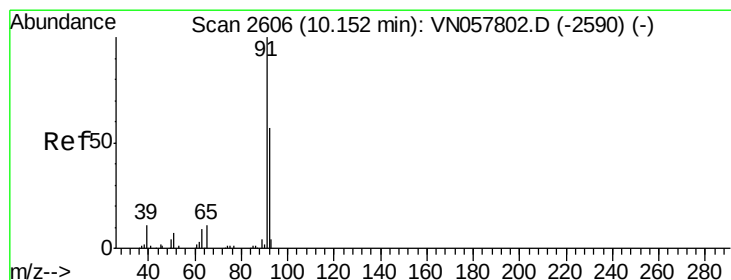
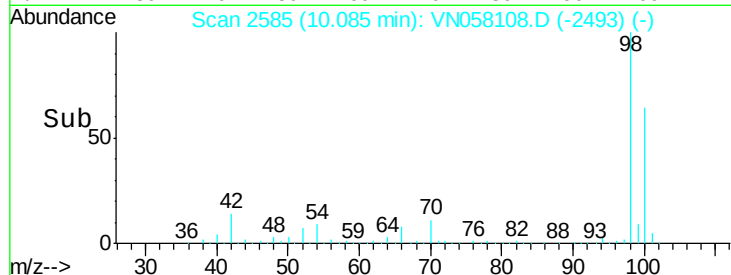
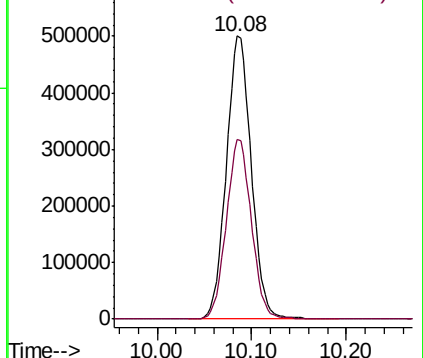
98 100

100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.337 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058108.D

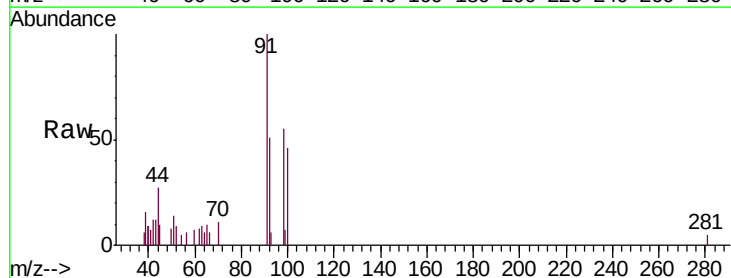
Acq: 16 Sep 2019 11:22

Tgt Ion: 92 Resp: 3686

Ion Ratio Lower Upper

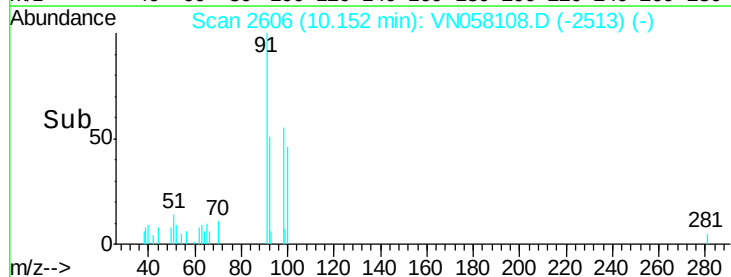
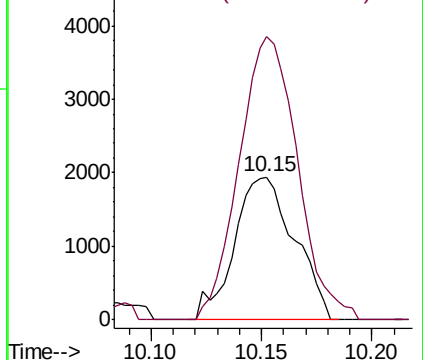
92 100

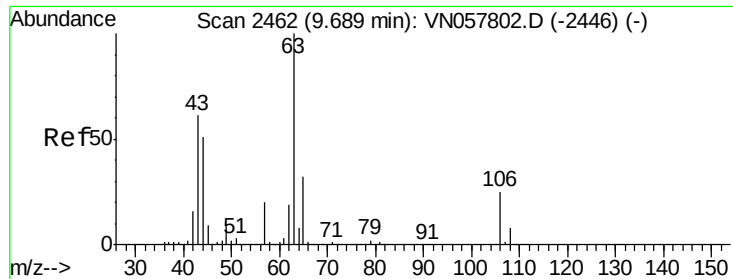
91 191.7 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 0.656 ug/l

RT: 9.71 min Scan# 2468

Delta R.T. 0.02 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

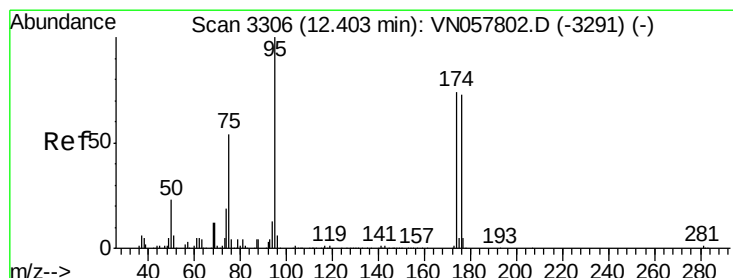
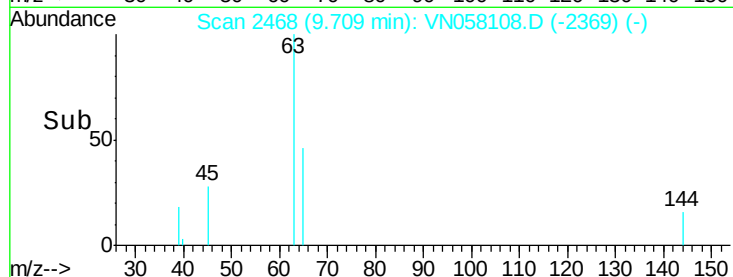
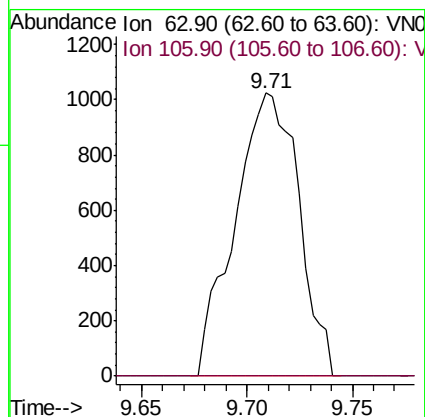
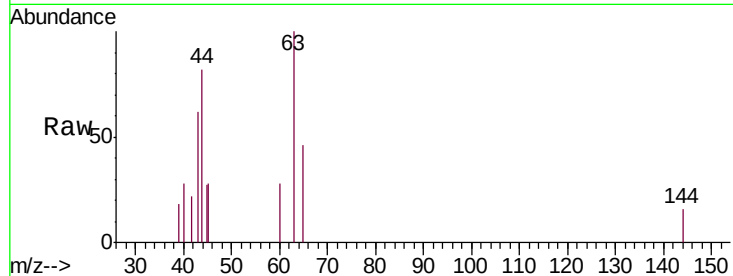
DAY-1

Tgt Ion: 63 Resp: 2159

Ion Ratio Lower Upper

63 100

106 0.0 20.0 30.0#



#62

4-Bromofluorobenzene

Concen: 47.046 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

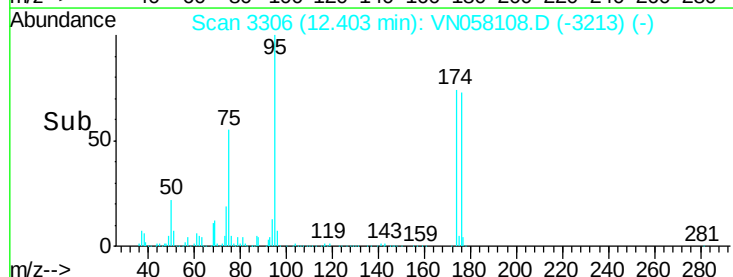
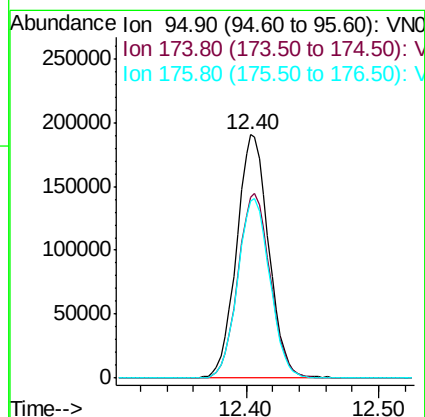
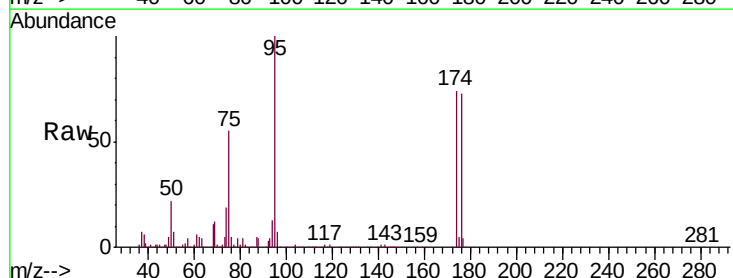
Tgt Ion: 95 Resp: 319850

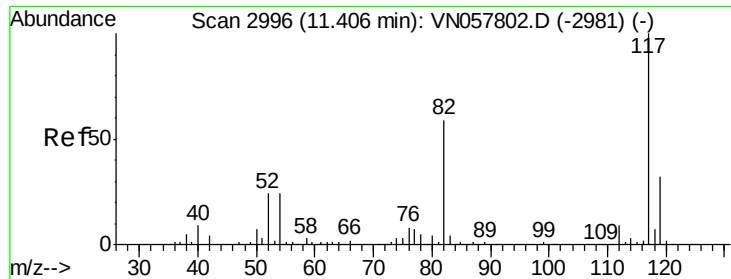
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.9 0.0 146.0

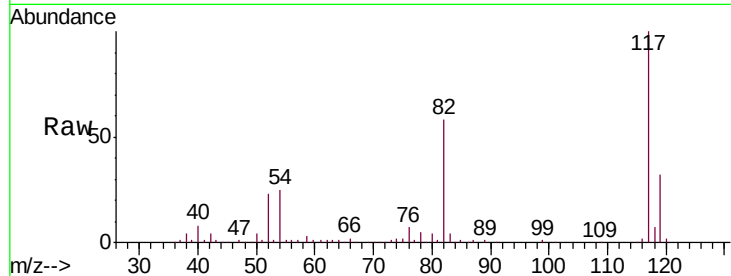




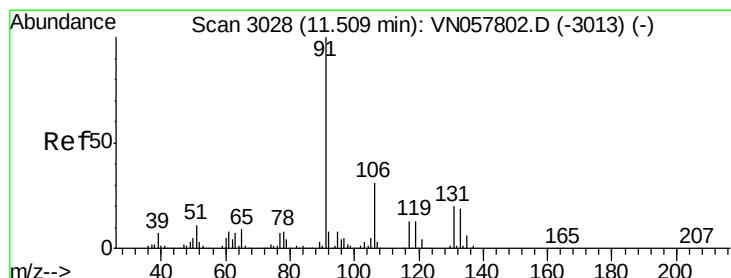
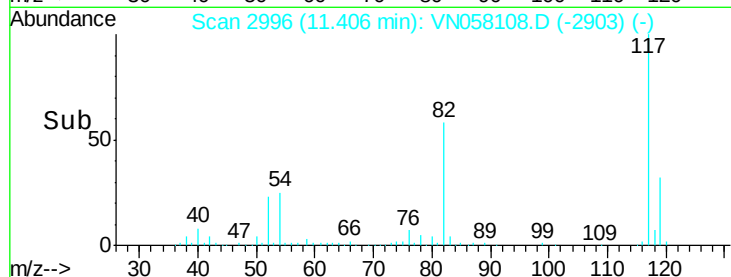
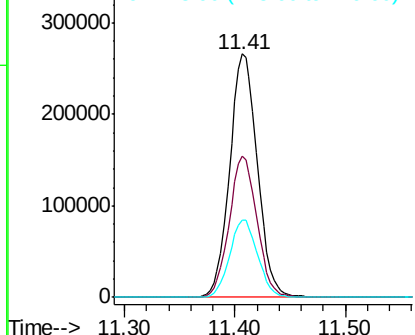
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Instrument :
MSVOA_N
ClientSampled :
DAY-1

Tgt Ion: 117 Resp: 463154
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 31.8 25.3 37.9

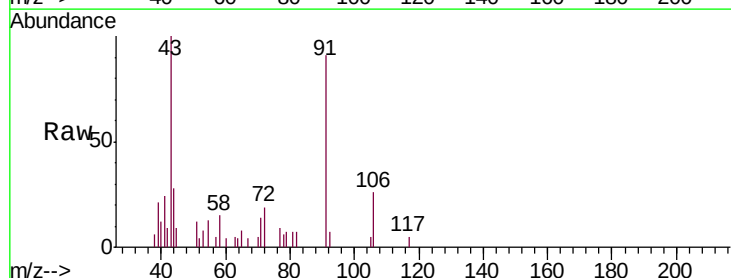


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

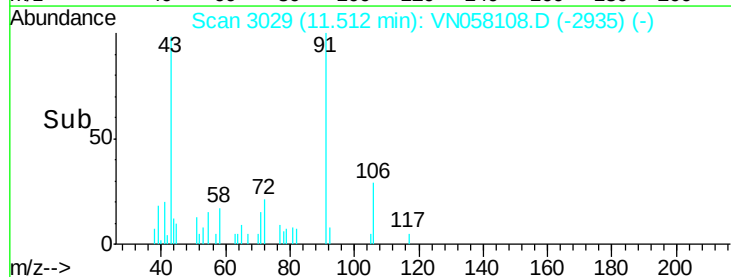
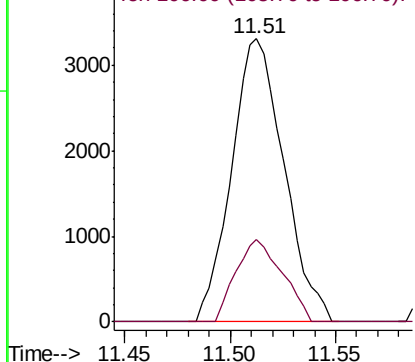


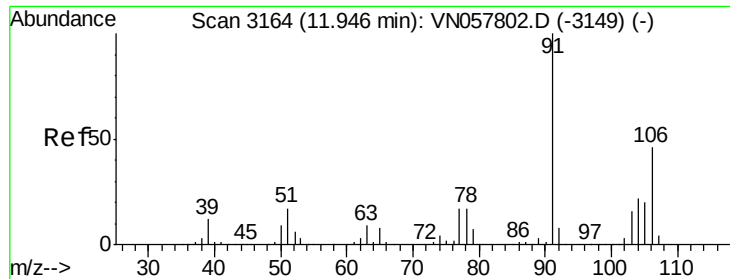
#67
Ethyl Benzene
Concen: 0.268 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Tgt Ion: 91 Resp: 5692
Ion Ratio Lower Upper
91 100
106 29.1 24.4 36.6



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

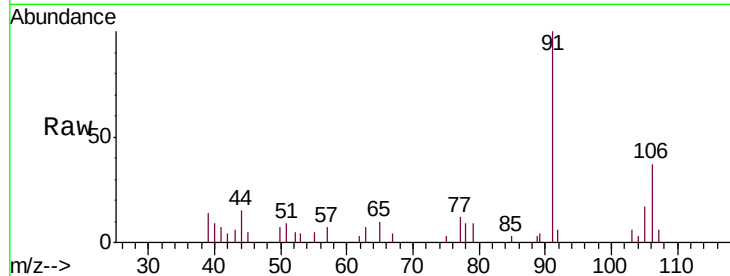




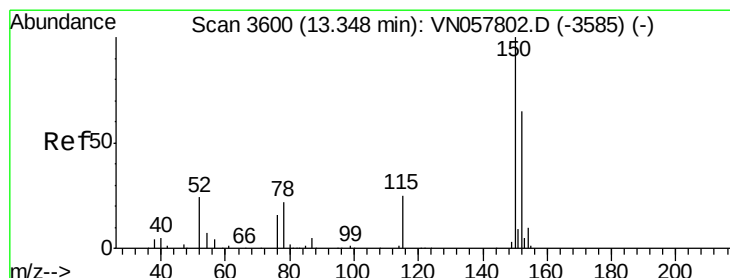
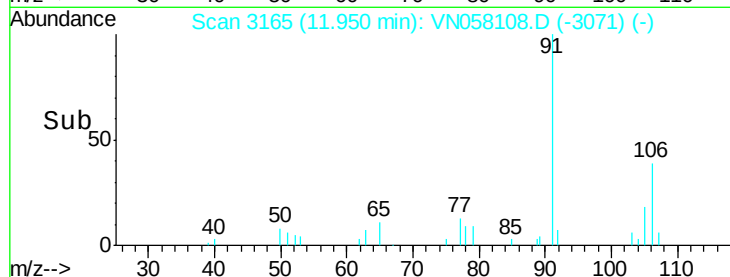
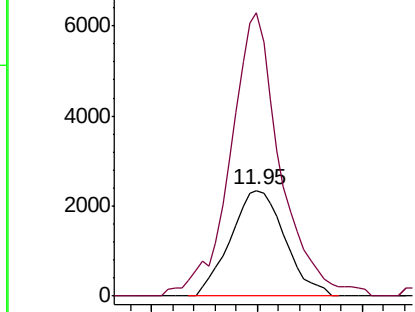
#69
o-Xylene
Concen: 0.543 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Instrument :
MSVOA_N
ClientSampled :
DAY-1

Tgt Ion:106 Resp: 4204
Ion Ratio Lower Upper
106 100
91 246.2 108.7 326.1

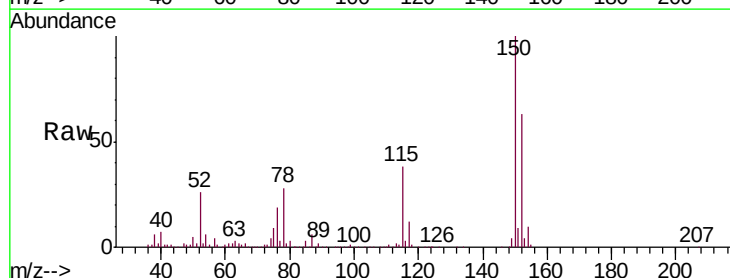


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

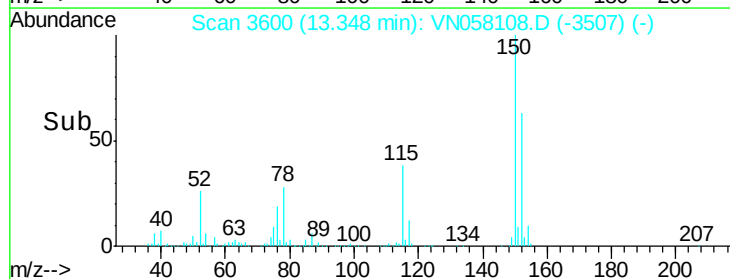
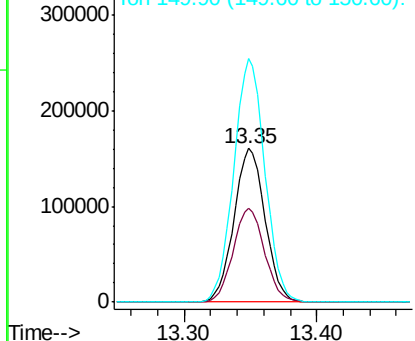


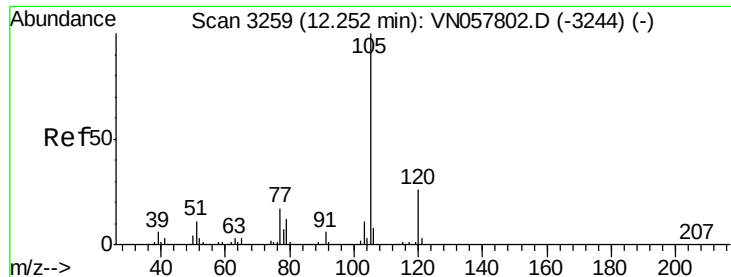
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Tgt Ion:152 Resp: 262427
Ion Ratio Lower Upper
152 100
115 61.5 30.3 91.0
150 158.3 0.0 352.4



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: 0.456 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

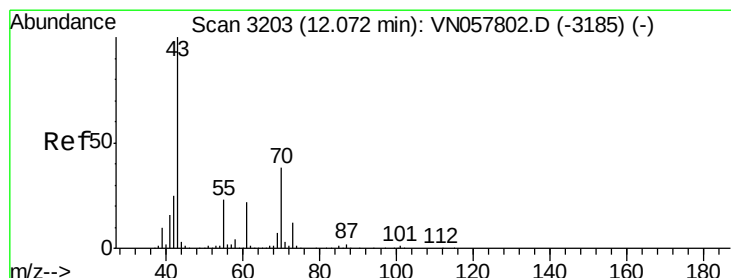
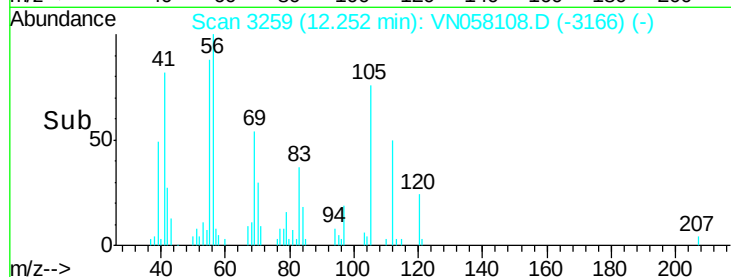
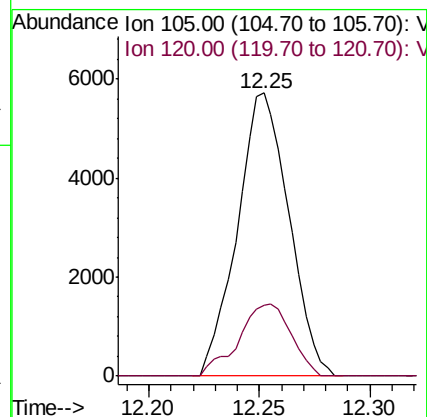
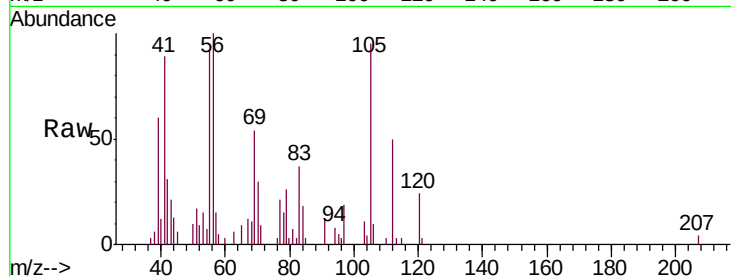
DAY-1

Tgt Ion: 105 Resp: 9279

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



#74

N-ethyl acetate

Concen: 0.207 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Tgt Ion: 43 Resp: 1836

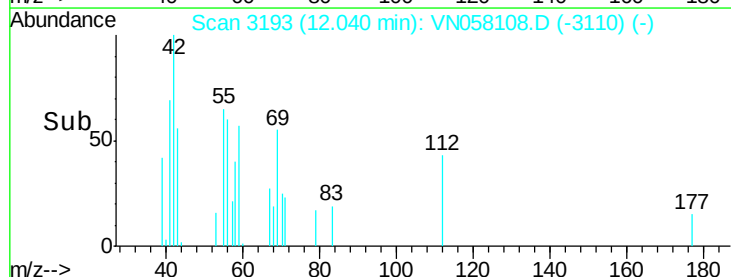
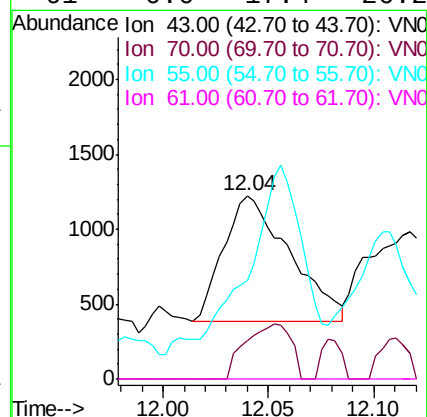
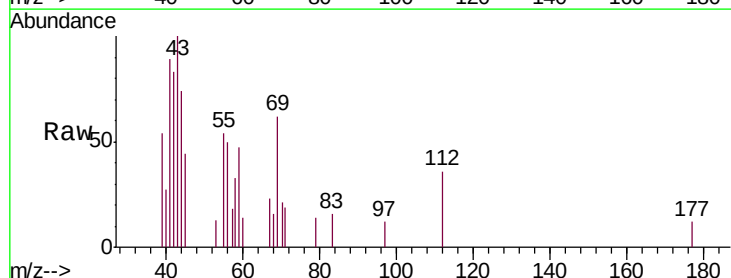
Ion Ratio Lower Upper

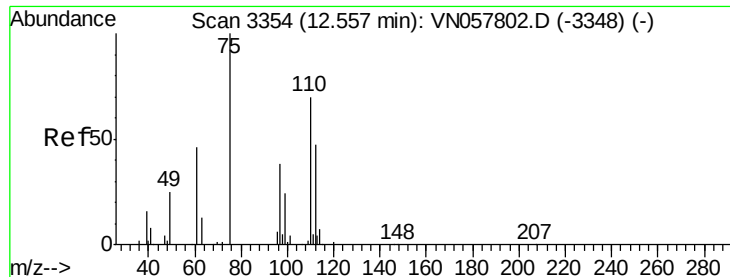
43 100

70 29.8 30.6 45.8#

55 141.2 18.6 27.8#

61 0.0 17.4 26.2#





#76

1,2,3-Trichloropropane

Concen: 29.712 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

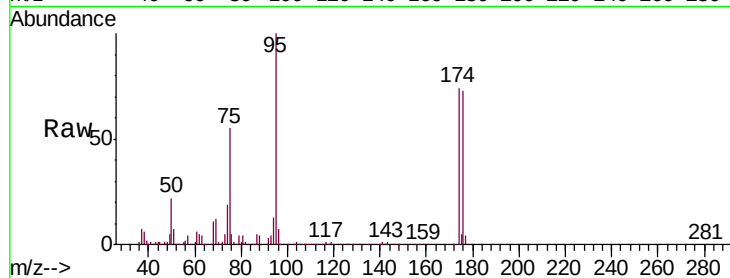
DAY-1

Tgt Ion: 75 Resp: 176388

Ion Ratio Lower Upper

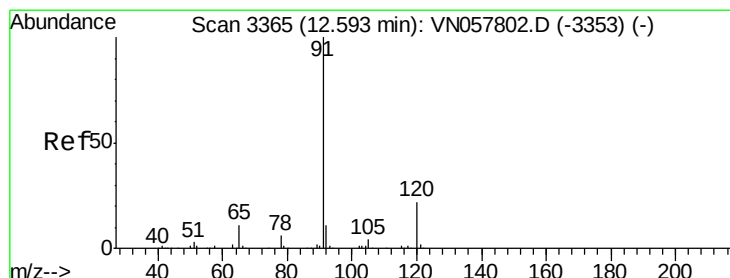
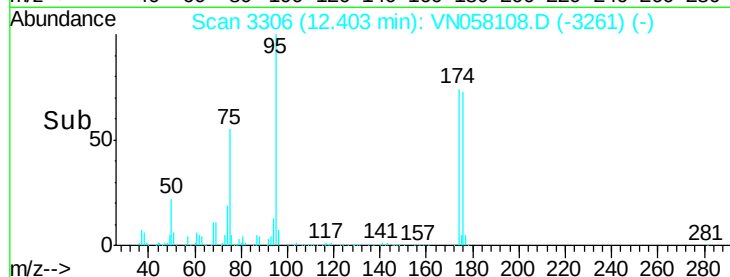
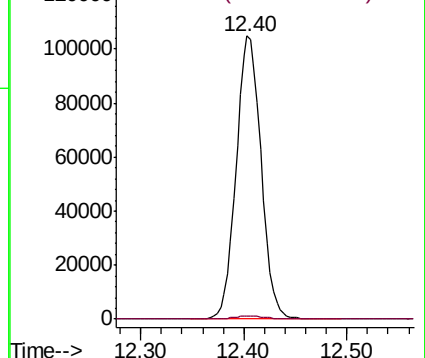
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058108.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN058108.D (-3306) (-)



#78

n-propylbenzene

Concen: 0.864 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058108.D

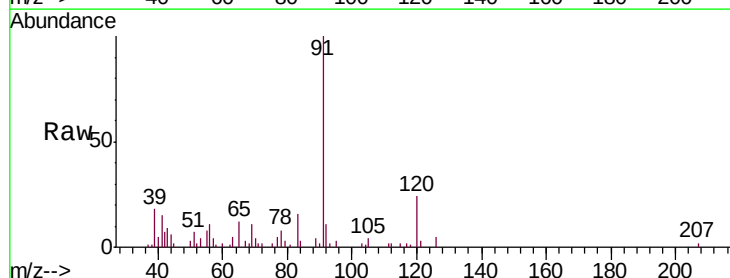
Acq: 16 Sep 2019 11:22

Tgt Ion: 91 Resp: 20196

Ion Ratio Lower Upper

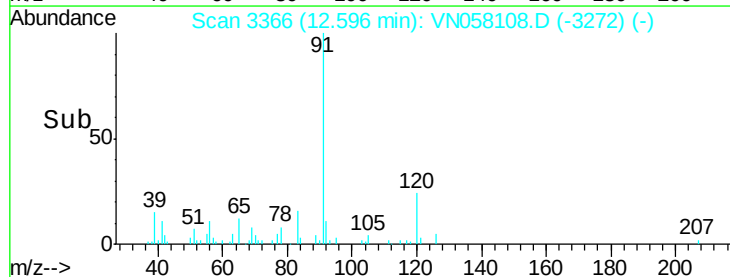
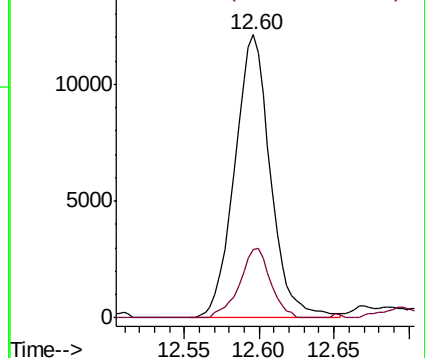
91 100

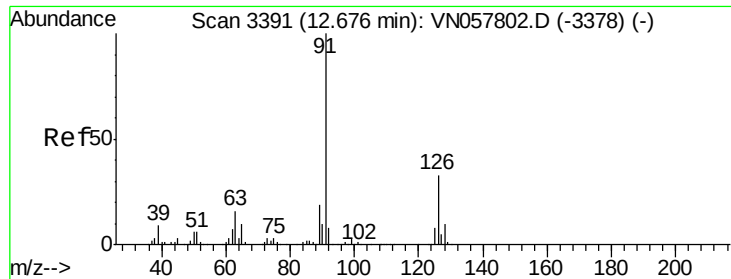
120 21.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN058108.D (-3366) (-)

Ion 120.00 (119.70 to 120.70): VN058108.D (-3366) (-)





#79

2-Chlorotoluene

Concen: 1.367 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

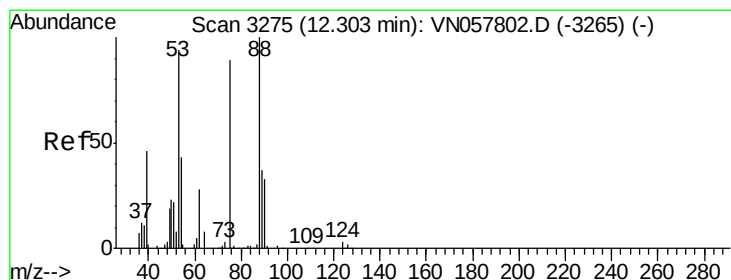
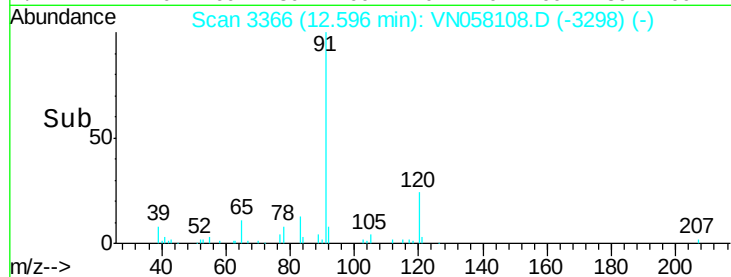
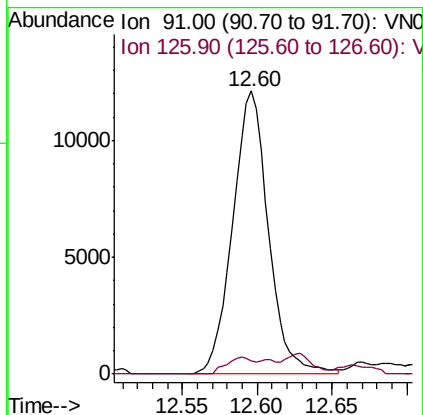
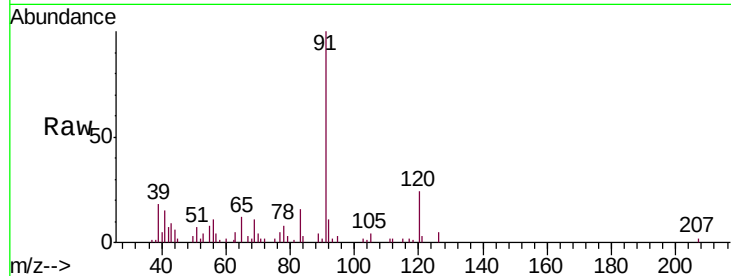
DAY-1

Tgt Ion: 91 Resp: 20196

Ion Ratio Lower Upper

91 100

126 4.5 16.4 49.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.558 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

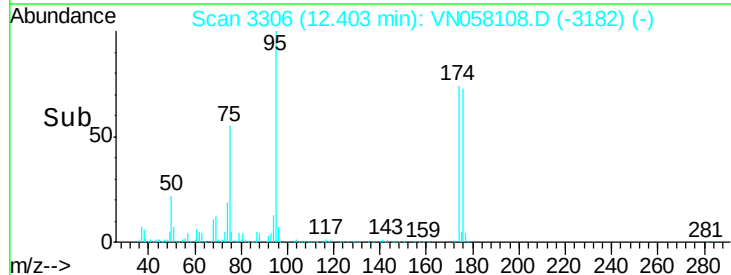
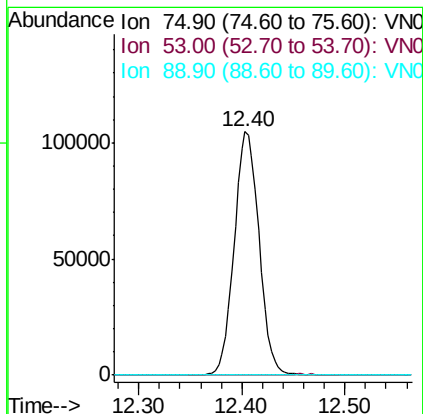
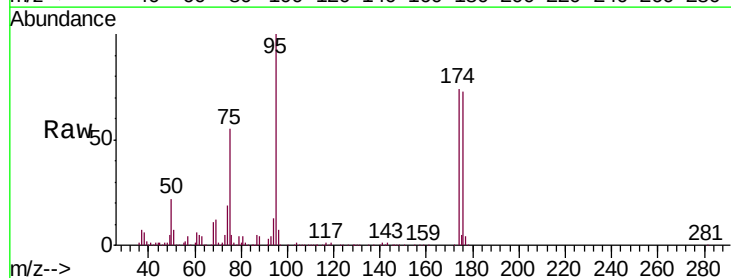
Tgt Ion: 75 Resp: 176388

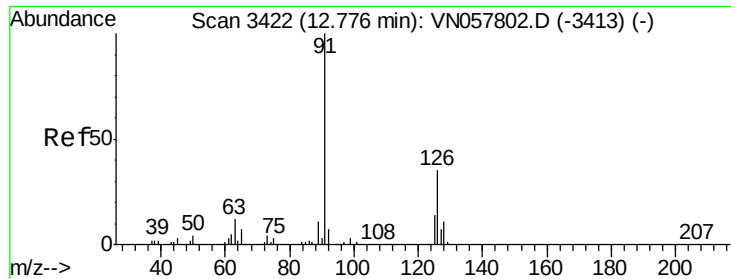
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 35.3 52.9#





#82

4-Chlorotoluene

Concen: 0.223 ug/l

RT: 12.90 min Scan# 3460

Delta R.T. 0.12 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

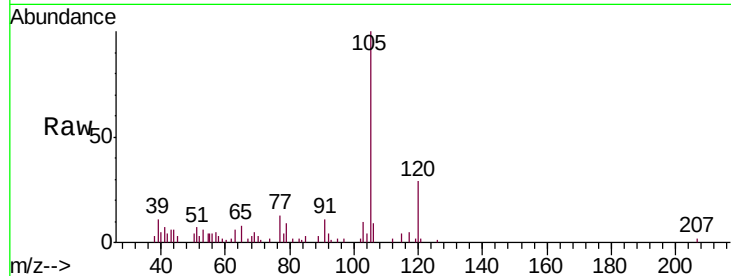
DAY-1

Tgt Ion: 91 Resp: 3390

Ion Ratio Lower Upper

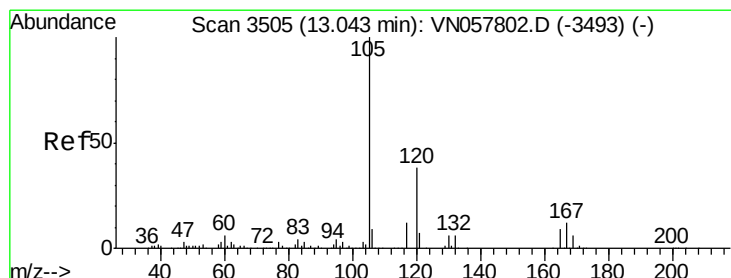
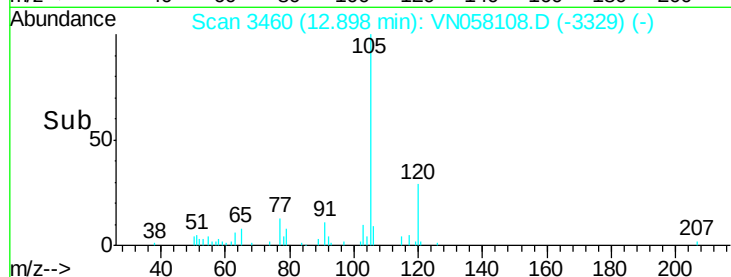
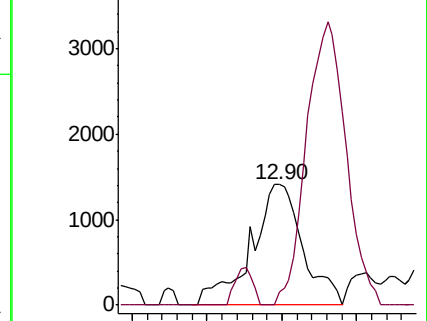
91 100

126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VN058108.D (-3329) (-)

Ion 125.90 (125.60 to 126.60): VN058108.D (-3329) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.211 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058108.D

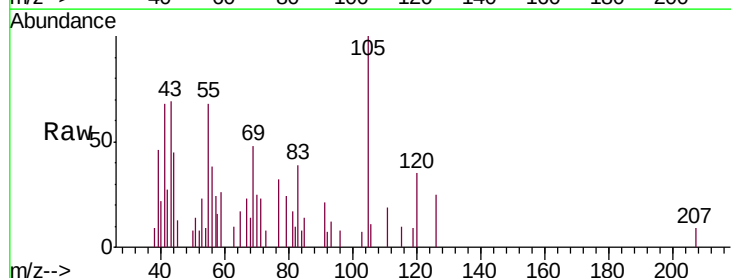
Acq: 16 Sep 2019 11:22

Tgt Ion: 105 Resp: 3687

Ion Ratio Lower Upper

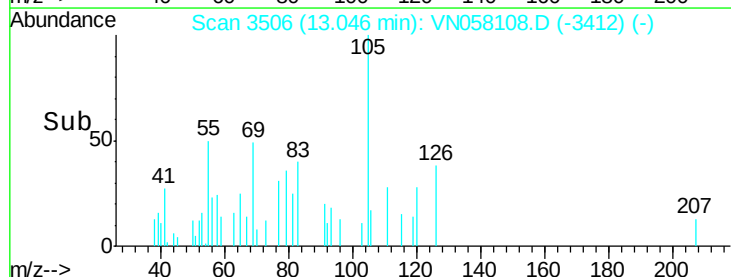
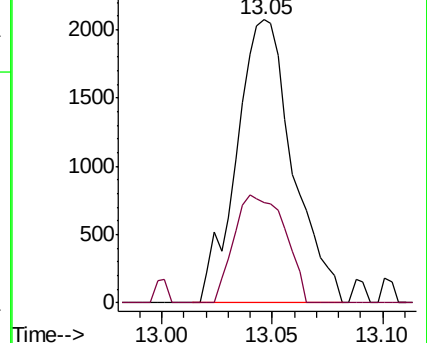
105 100

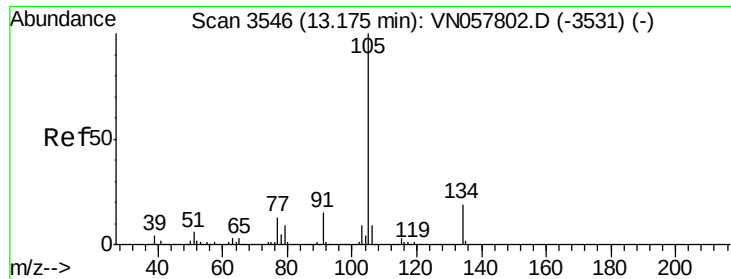
120 34.6 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): VN058108.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN058108.D (-3412) (-)





#85

sec-Butylbenzene

Concen: 0.509 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

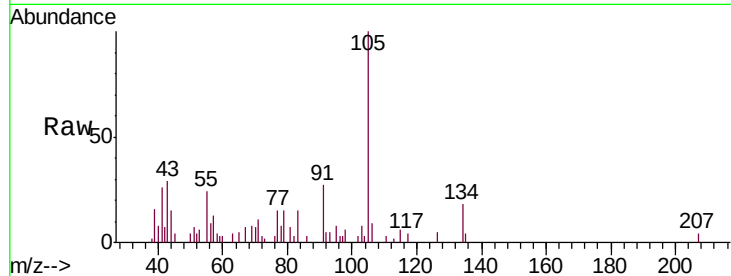
DAY-1

Tgt Ion:105 Resp: 10327

Ion Ratio Lower Upper

105 100

134 23.5 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

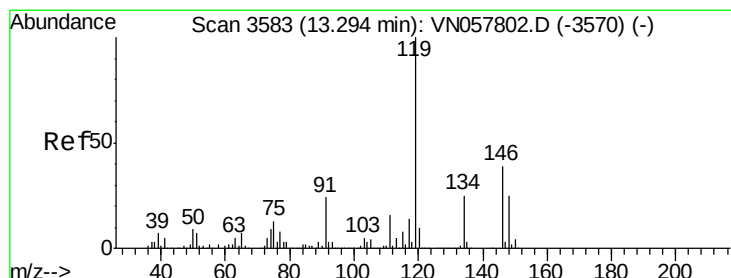
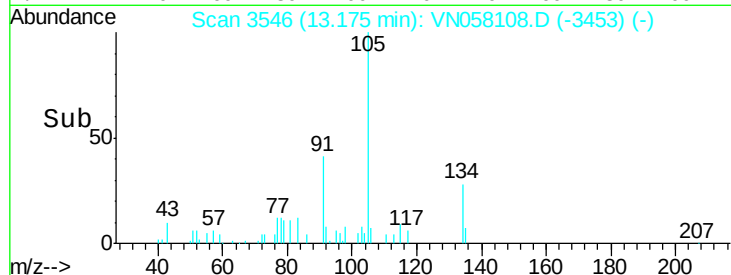
6000

4000

2000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.356 ug/l

RT: 13.45 min Scan# 3631

Delta R.T. 0.15 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

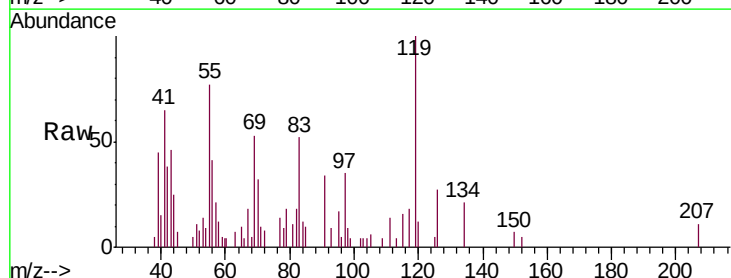
Tgt Ion:119 Resp: 6354

Ion Ratio Lower Upper

119 100

134 21.3 12.5 37.5

91 32.6 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

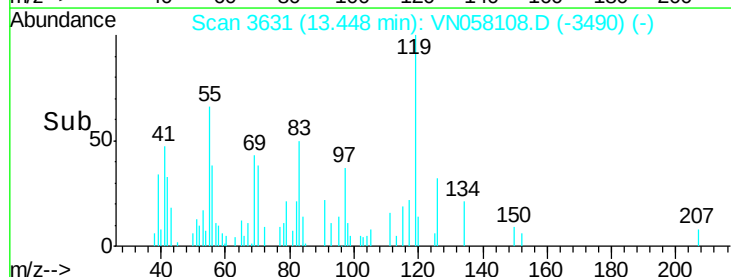
15000

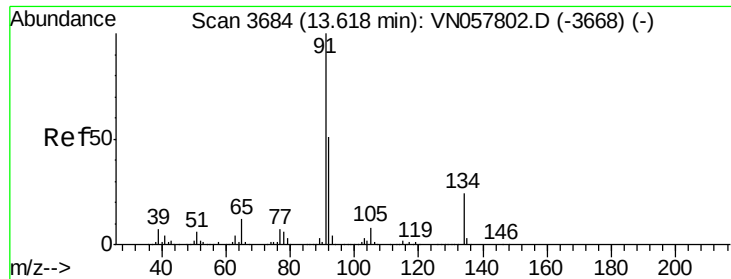
10000

5000

0

Time-->





#89

n-Butylbenzene

Concen: 0.745 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

DAY-1

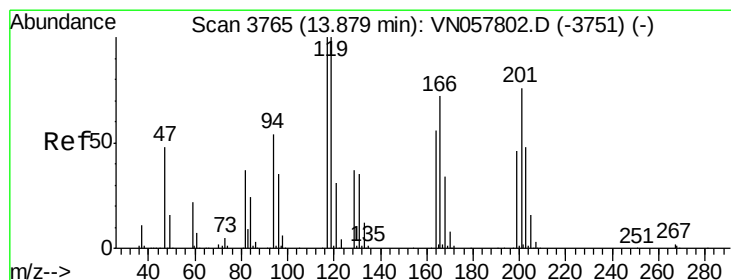
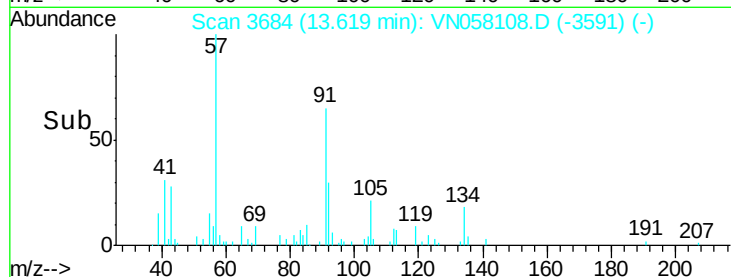
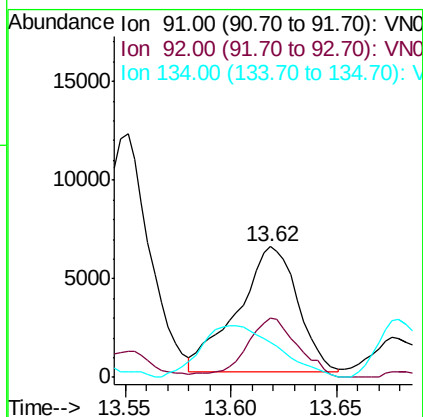
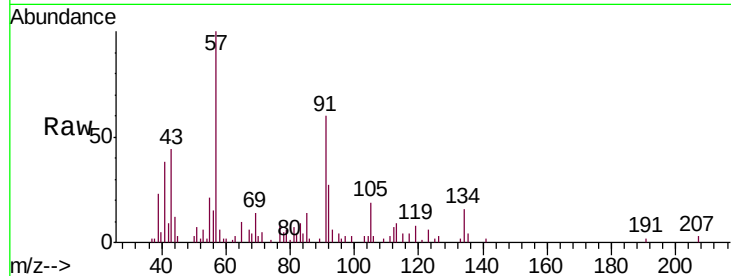
Tgt Ion: 91 Resp: 12558

Ion Ratio Lower Upper

91 100

92 40.6 25.7 77.0

134 53.0 11.9 35.7#



#90

Hexachloroethane

Concen: 4.347 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN058108.D

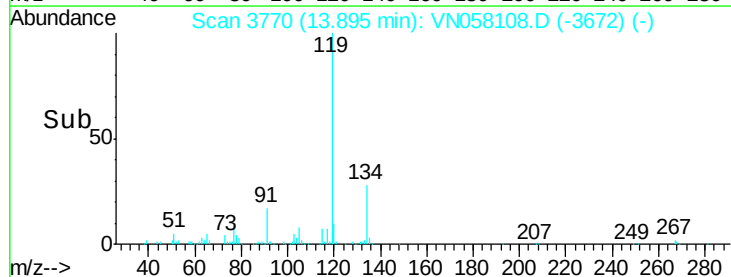
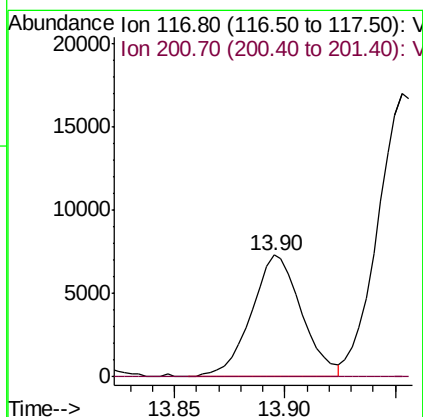
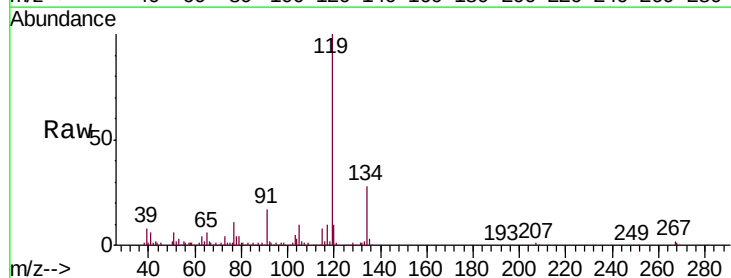
Acq: 16 Sep 2019 11:22

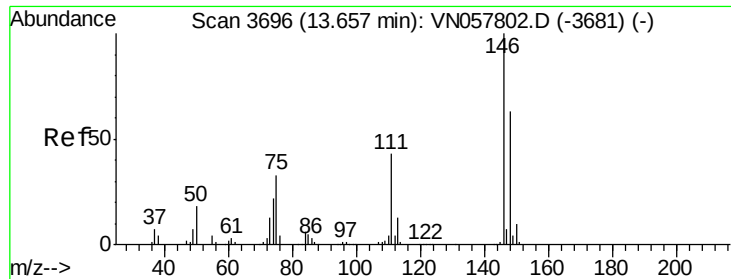
Tgt Ion: 117 Resp: 11547

Ion Ratio Lower Upper

117 100

201 0.0 37.5 112.7#

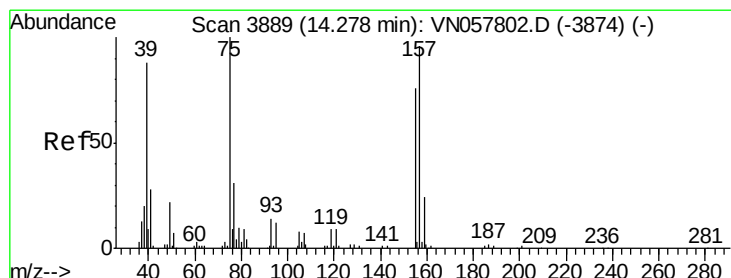
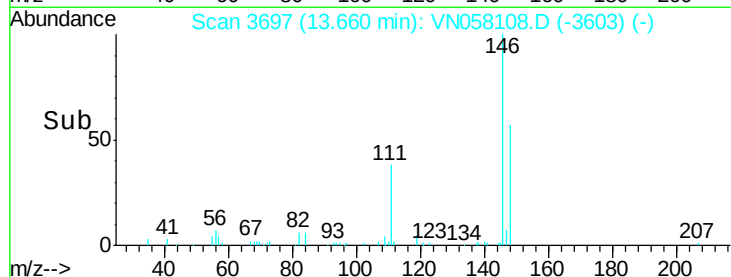
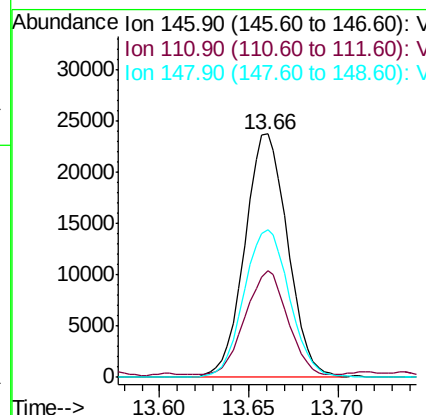
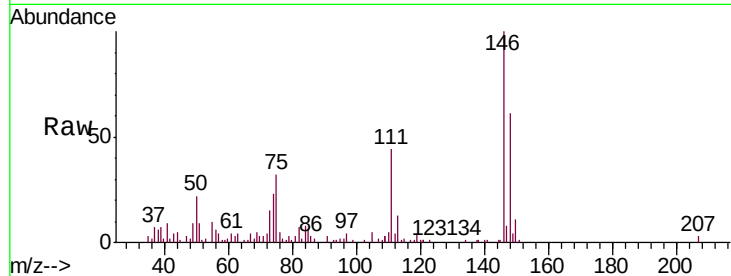




#91
 1,2-Dichlorobenzene
 Concen: 4.304 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

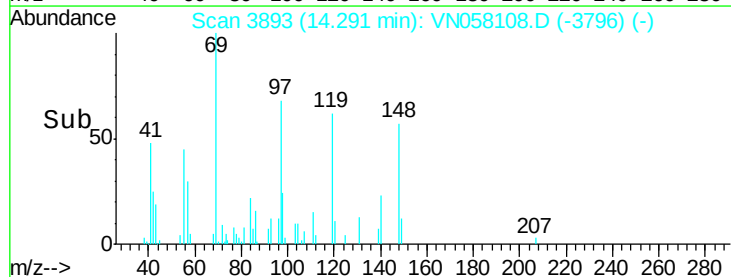
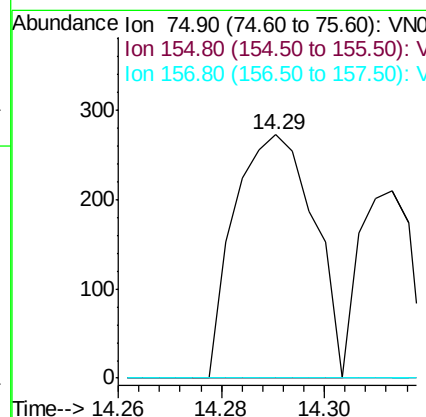
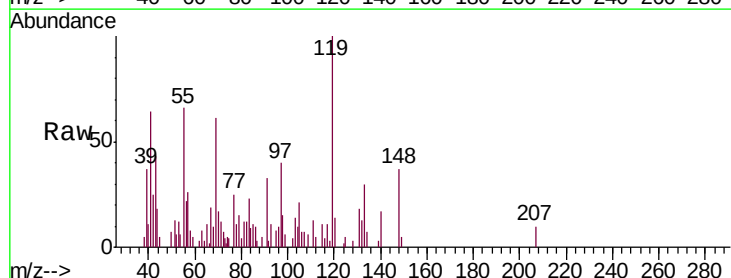
Instrument :
 MSVOA_N
 ClientSampled :
 DAY-1

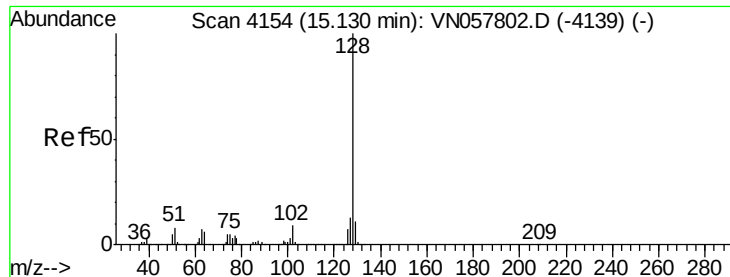
Tgt Ion:146 Resp: 40070
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.9
 148 64.3 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.255 ug/l
 RT: 14.29 min Scan# 3893
 Delta R.T. 0.01 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Tgt Ion: 75 Resp: 289
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.3 111.8#
 157 0.0 47.9 143.8#





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

DAY-1

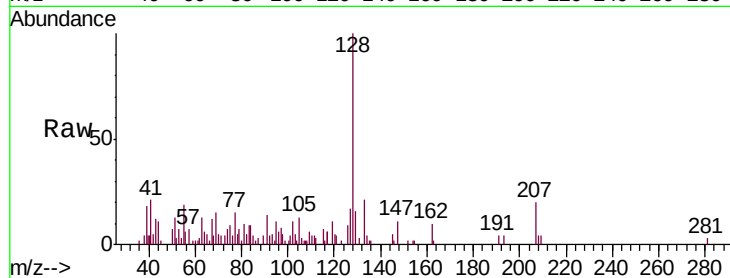
Tgt Ion:128 Resp: 17736

Ion Ratio Lower Upper

128 100

127 15.7 10.3 15.5#

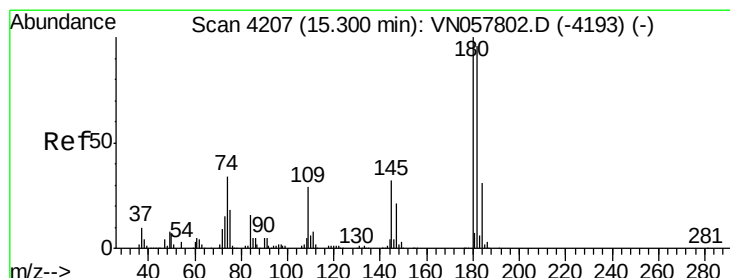
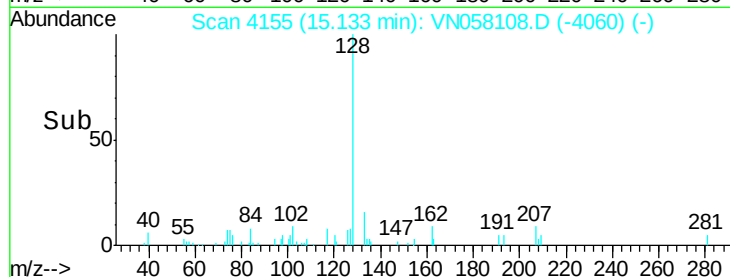
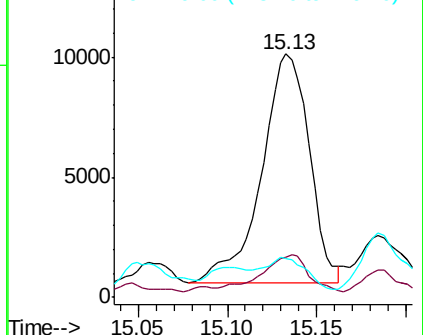
129 10.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.101 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

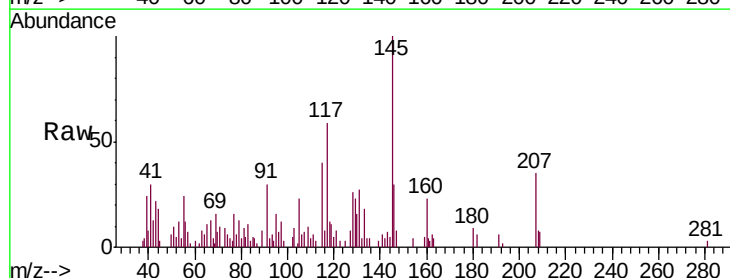
Tgt Ion:180 Resp: 555

Ion Ratio Lower Upper

180 100

182 87.4 48.3 144.8

145 0.0 16.3 48.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

