

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058728.D
 Acq On : 12 Oct 2019 1:55
 Operator : JC/SP
 Sample : K5145-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-100919

Quant Time: Oct 12 05:47:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	386864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	610552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226670	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	281212	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
35) Dibromofluoromethane	7.57	113	199345	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
50) Toluene-d8	10.08	98	791826	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.41	95	263434	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	

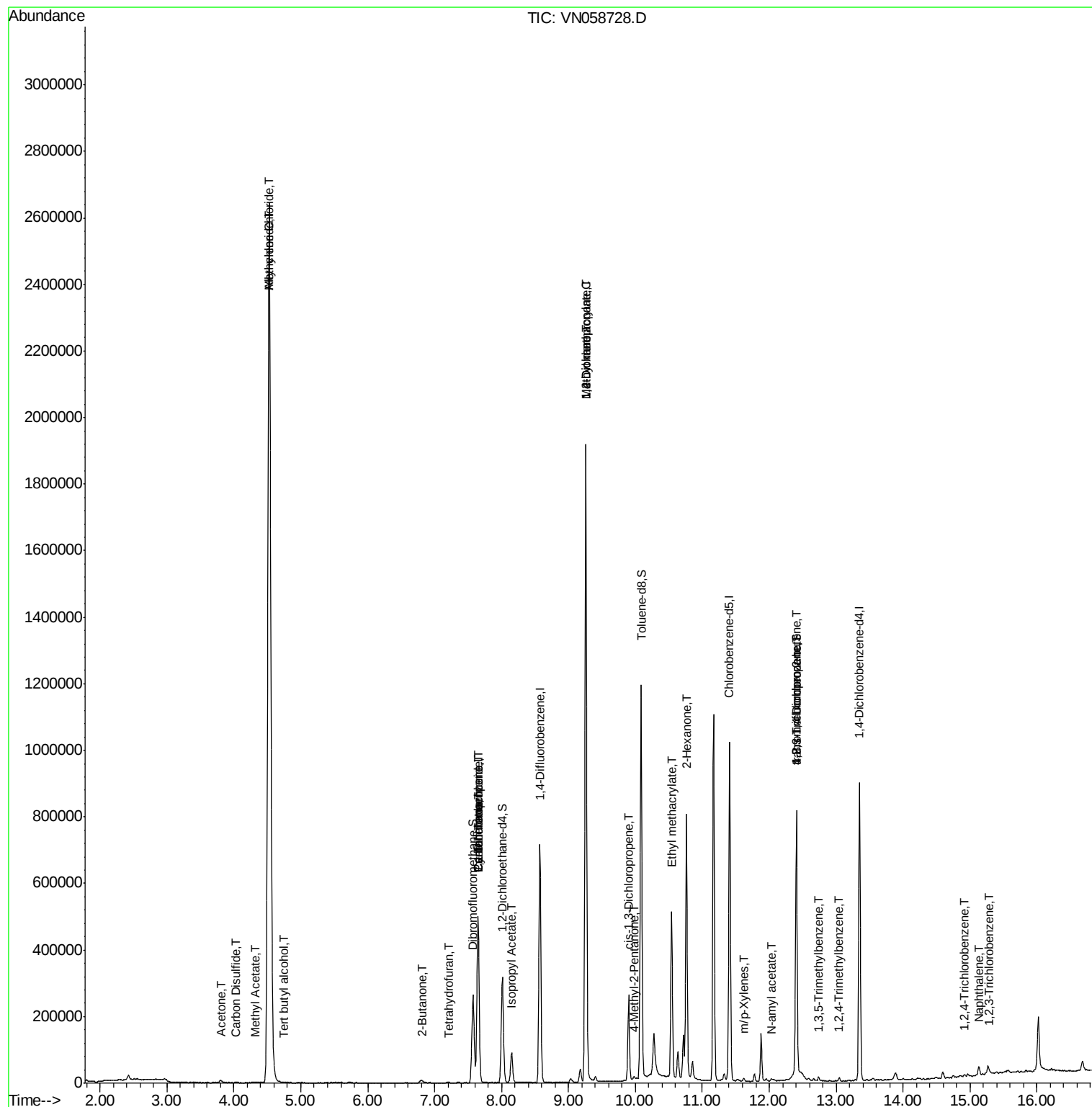
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	236	0.269	ug/l #	72
14) Allyl chloride	4.53	41	68982	9.200	ug/l #	23
16) Acetone	3.80	43	12921	5.763	ug/l	93
17) Carbon Disulfide	4.03	76	2653	0.223	ug/l #	75
18) Methyl Acetate	4.31	43	5070	0.891	ug/l #	86
20) Methylene Chloride	4.53	84	1962518	418.795	ug/l	99
25) 2-Butanone	6.82	43	1448	0.447	ug/l #	50
29) Tetrahydrofuran	7.20	42	453	0.216	ug/l #	52
31) Cyclohexane	7.65	56	9268	1.167	ug/l #	14
36) 1,1-Dichloropropene	7.65	75	33331	5.399	ug/l #	50
38) Carbon Tetrachloride	7.65	117	40257	6.691	ug/l #	18
43) Isopropyl Acetate	8.15	43	106924	10.054	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	2203	0.464	ug/l #	45
48) Methyl methacrylate	9.26	41	187158	38.822	ug/l #	45
49) 1,4-Dioxane	9.25	88	127	1.703	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7631	1.278	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	44168	5.919	ug/l #	64
56) Ethyl methacrylate	10.54	69	1972	0.304	ug/l #	1
59) 2-Hexanone	10.76	43	120629	26.133	ug/l #	53
68) m/p-Xylenes	11.62	106	3050	0.404	ug/l	93
74) N-amyl acetate	12.03	43	4291	0.582	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	145189	29.198	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5687	0.406	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	145189	78.212	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.05	105	6620	0.476	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	1996	0.456	ug/l	89
95) Naphthalene	15.13	128	18060	1.435	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	2006	0.469	ug/l #	78

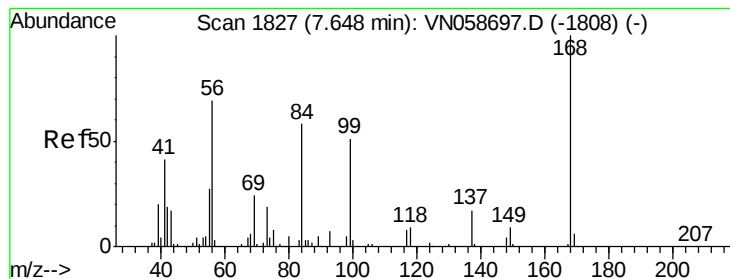
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058728.D
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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 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: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

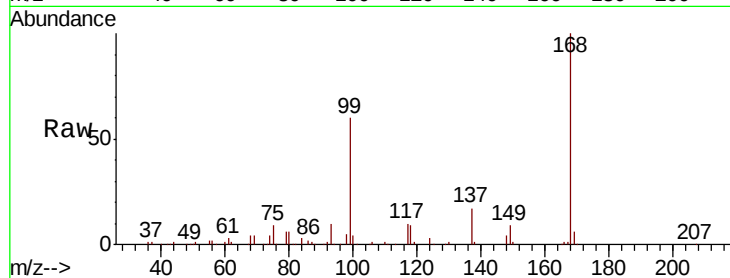
HD-01-100919

Tot Ion:168 Resp: 386864

Ion Ratio Lower Upper

168 100

99 60.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

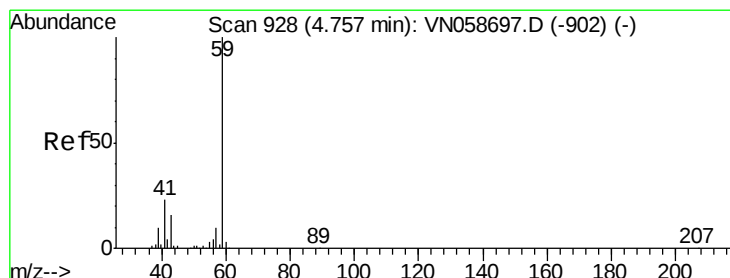
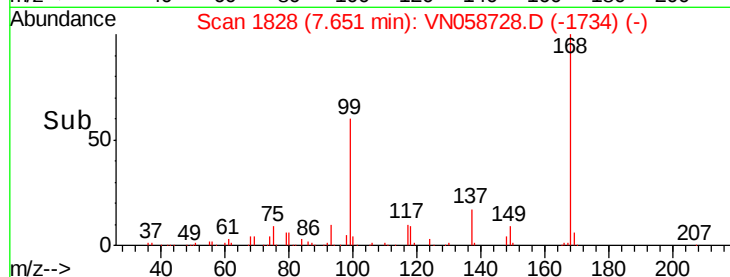
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.269 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058728.D

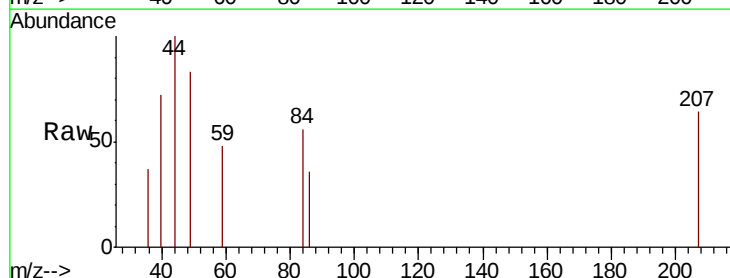
Acq: 12 Oct 2019 1:55

Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

250

200

150

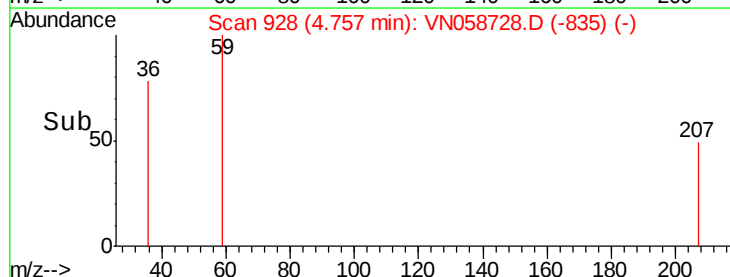
100

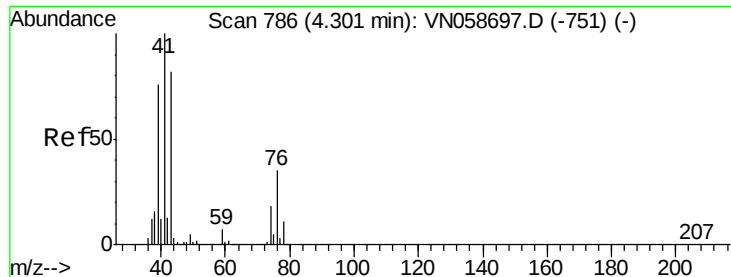
50

0

4.74 4.75 4.76 4.77 4.78

Time-->





#14

Allvl chloride

Concen: 9.200 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.23 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

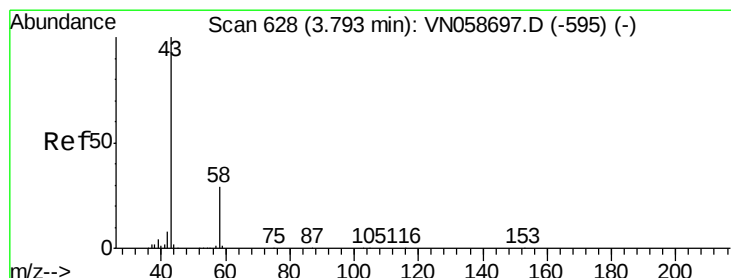
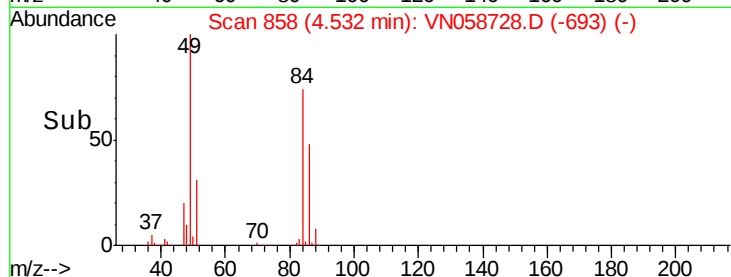
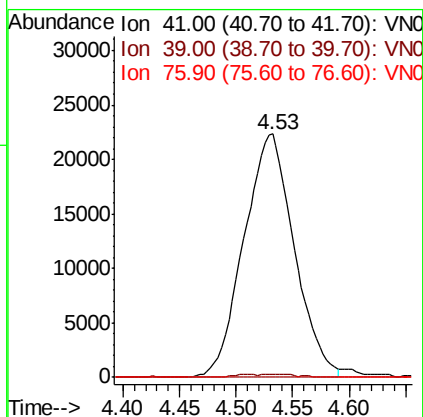
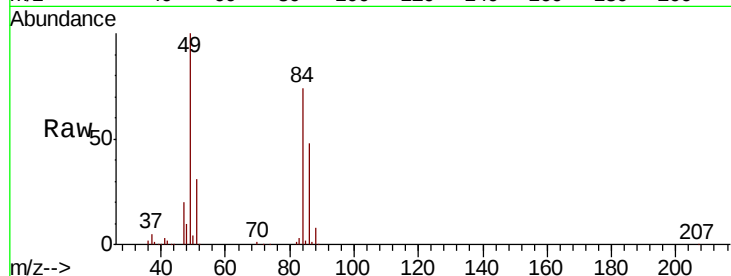
Tot Ion: 41 Resp: 68982

Ion Ratio Lower Upper

41 100

39 0.5 57.2 85.8#

76 0.0 25.0 37.6#



#16

Acetone

Concen: 5.763 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058728.D

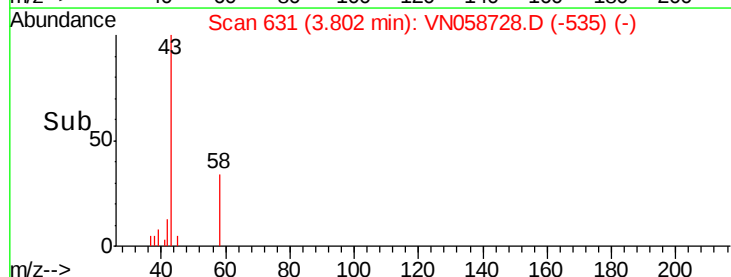
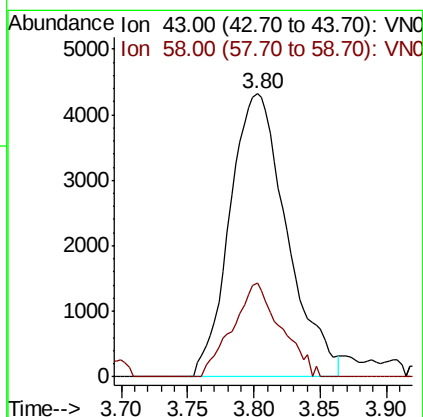
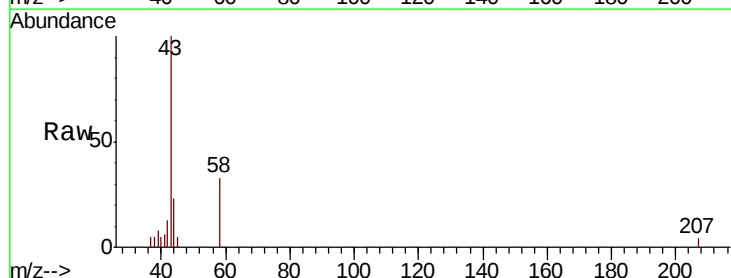
Acq: 12 Oct 2019 1:55

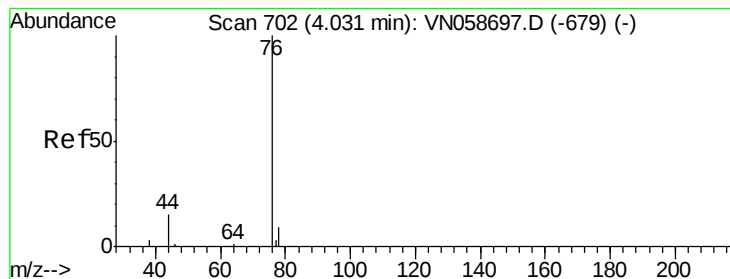
Tgt Ion: 43 Resp: 12921

Ion Ratio Lower Upper

43 100

58 33.0 23.3 34.9





#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

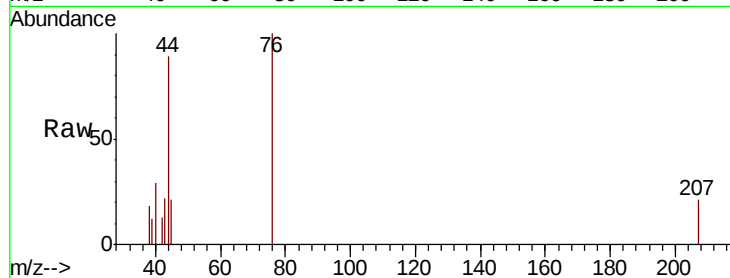
HD-01-100919

Tot Ion: 76 Resp: 2653

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

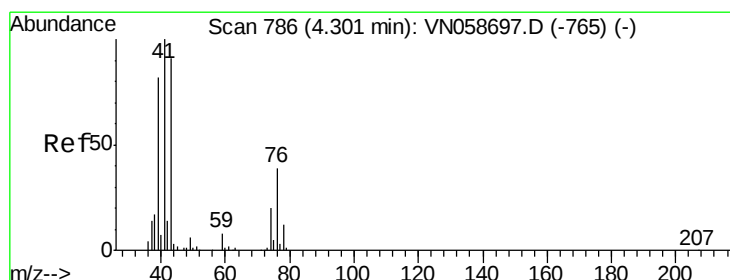
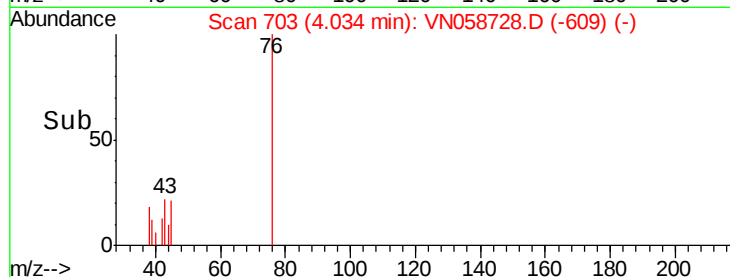
4.03

1000

500

0

Time-->



#18

Methyl Acetate

Concen: 0.891 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058728.D

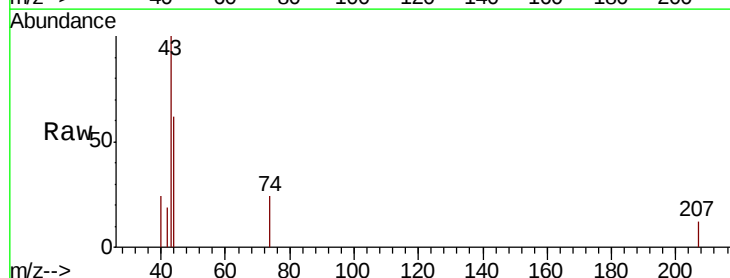
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 5070

Ion Ratio Lower Upper

43 100

74 15.0 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2000

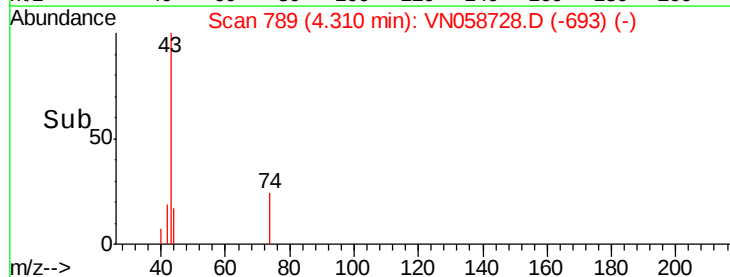
1500

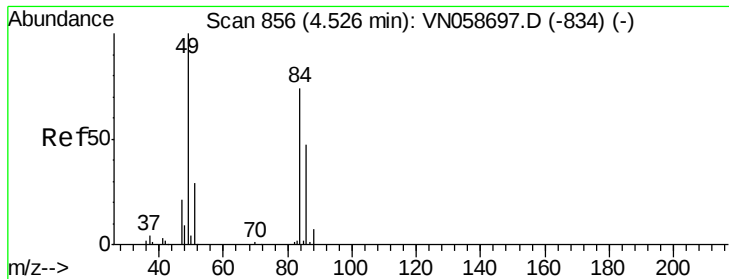
1000

500

0

Time-->



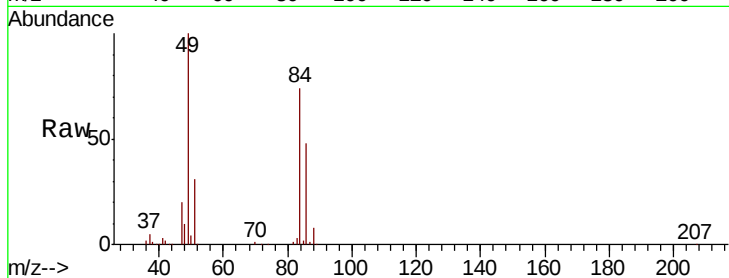


#20
Methvlene Chloride
Concen: 418.795 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

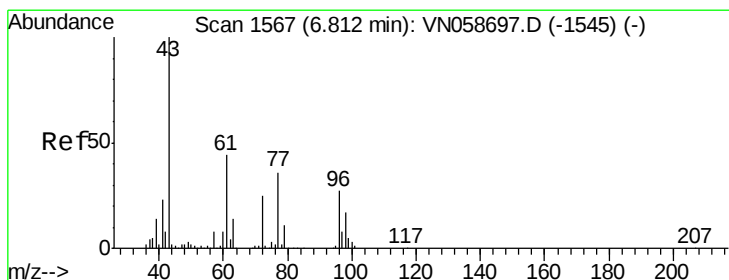
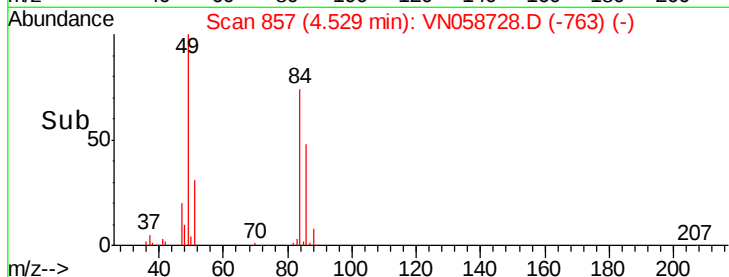
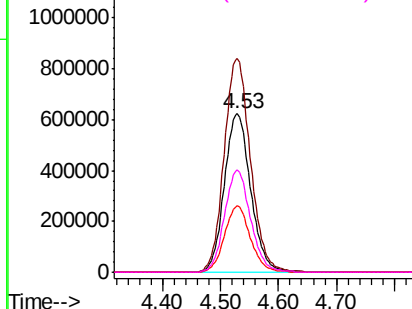
Instrument :
MSVOA_N
ClientSampleId :
HD-01-100919

Tot Ion: 84 Resp: 1962518

Ion	Ratio	Lower	Upper
84	100		
49	134.8	107.6	161.4
51	41.6	31.4	47.0
86	64.4	50.3	75.5



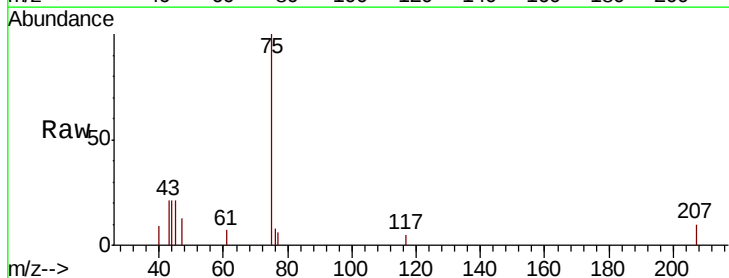
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



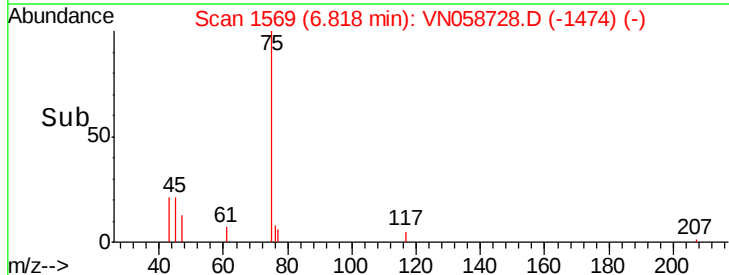
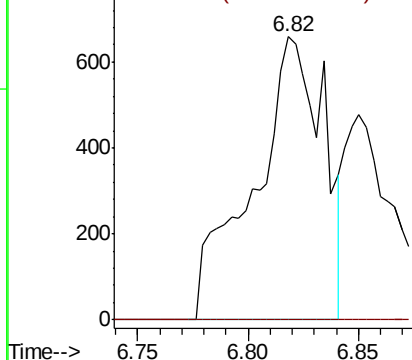
#25
2-Butanone
Concen: 0.447 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

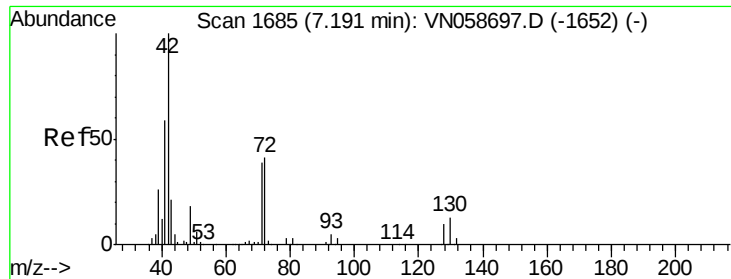
Tgt Ion: 43 Resp: 1448

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

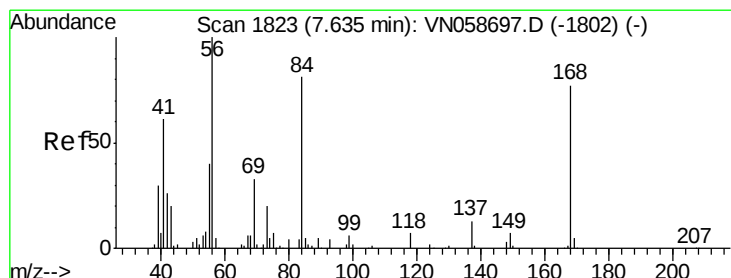
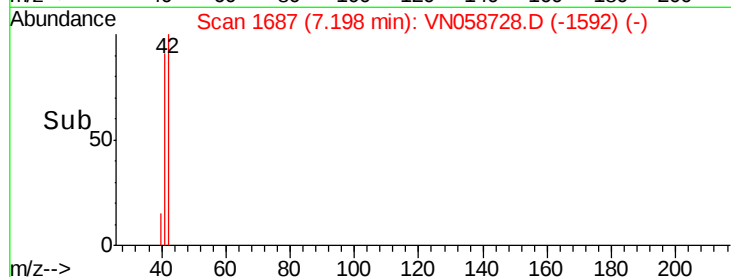
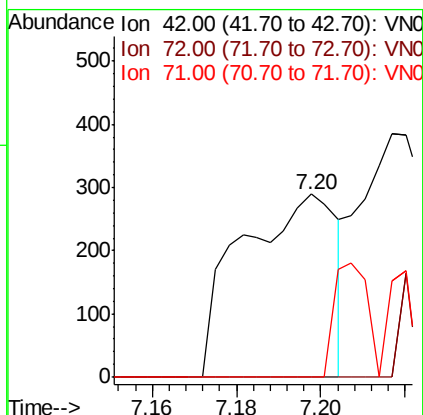
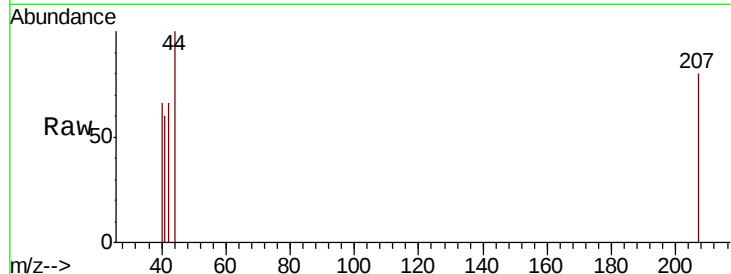




#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

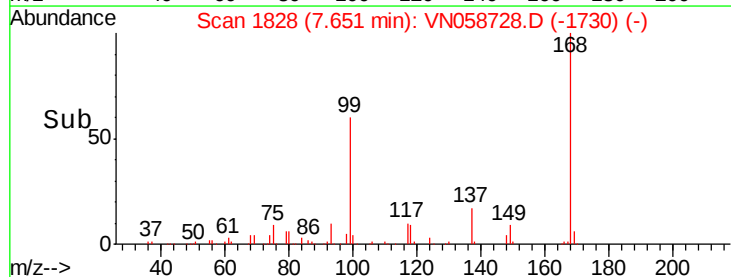
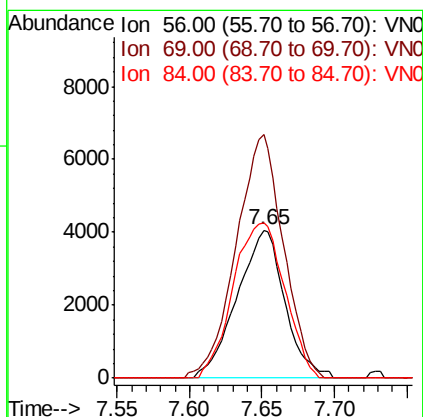
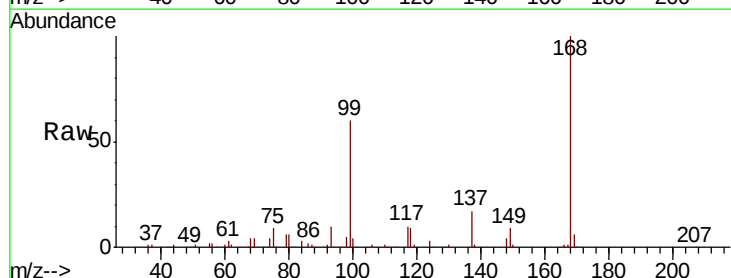
Instrument :
MSVOA_N
ClientSampled :
HD-01-100919

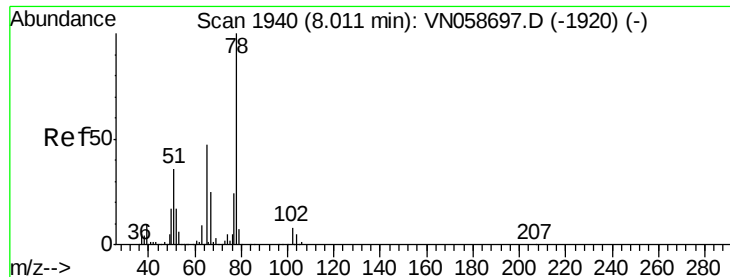
Tot Ion: 42 Resp: 453
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 21.4 31.1 46.7#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 56 Resp: 9268
Ion Ratio Lower Upper
56 100
69 164.3 26.2 39.4#
84 104.9 64.9 97.3#





#33

1,2-Dichloroethane-d4

Concen: 51.922 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

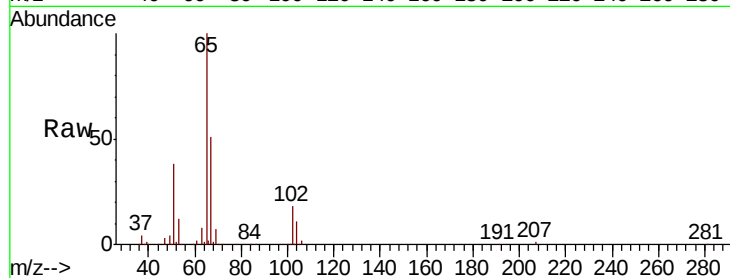
HD-01-100919

Tot Ion: 65 Resp: 281212

Ion Ratio Lower Upper

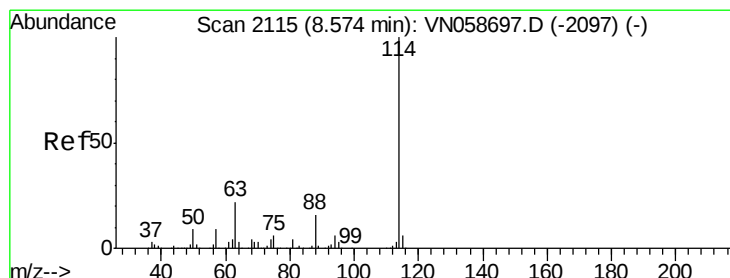
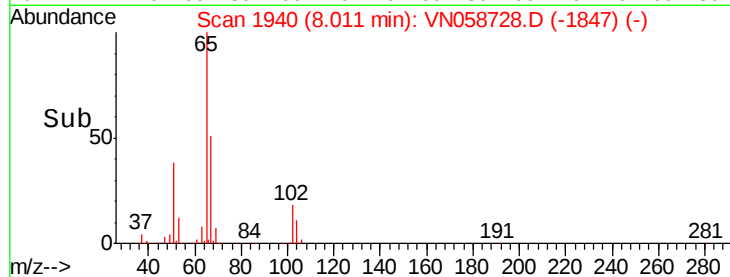
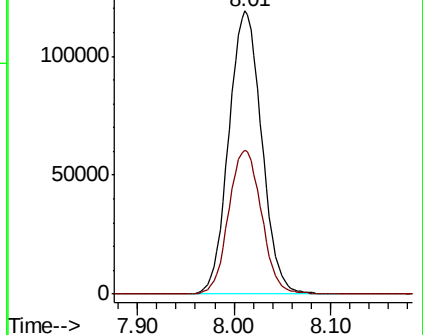
65 100

67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058728.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058728.D (-1847) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

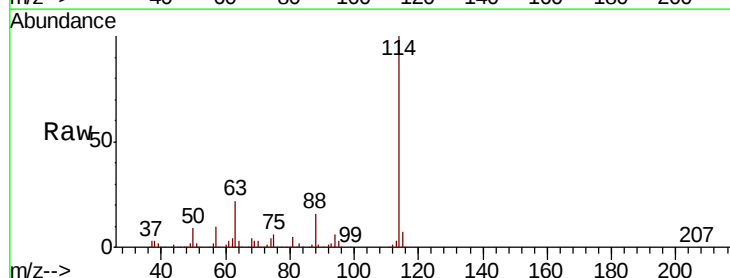
Tgt Ion: 114 Resp: 610552

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

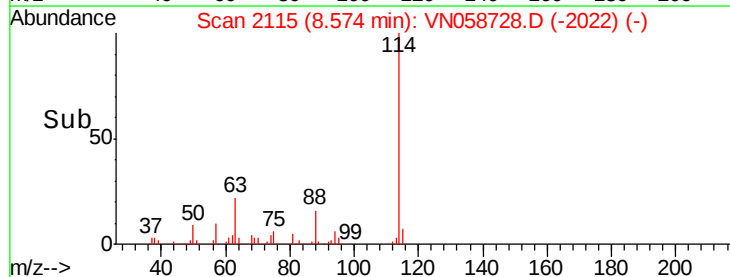
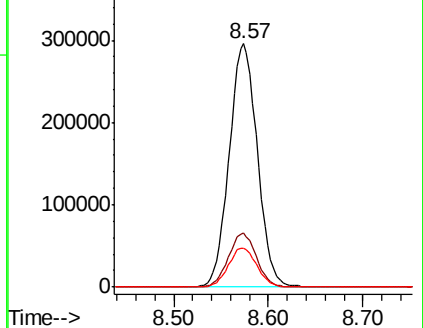
88 16.2 0.0 32.0

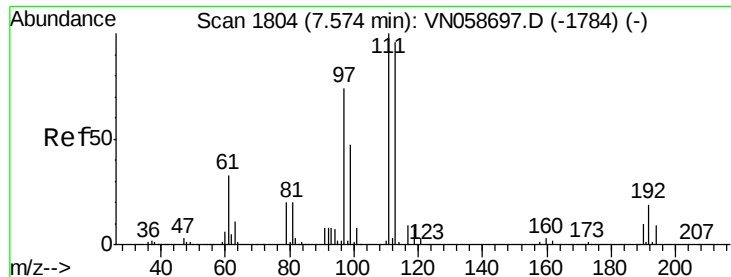


Abundance Ion 113.90 (113.60 to 114.60): VN058728.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058728.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058728.D (-2022) (-)

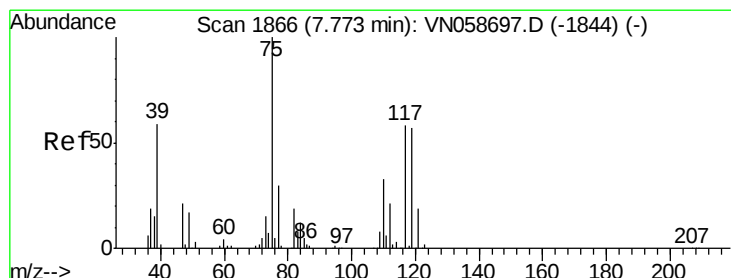
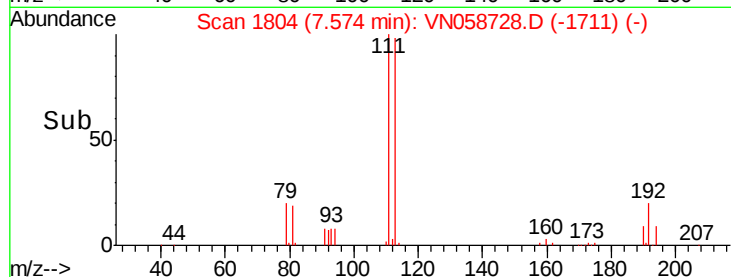
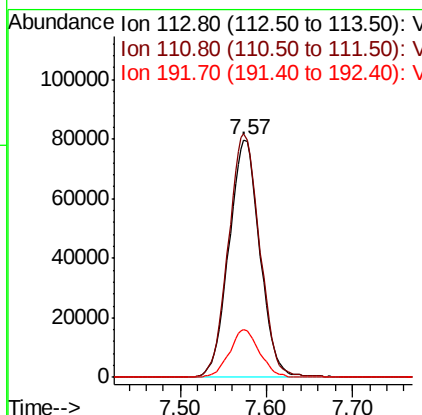
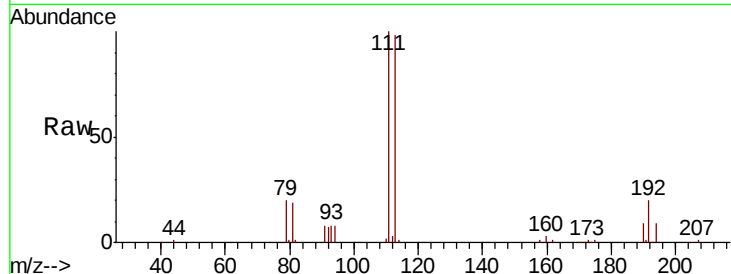




#35
 Dibromofluoromethane
 Concen: 52.859 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

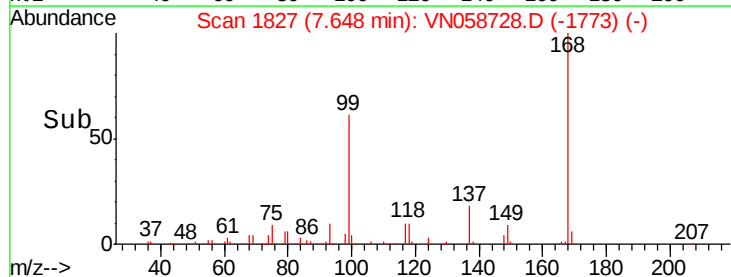
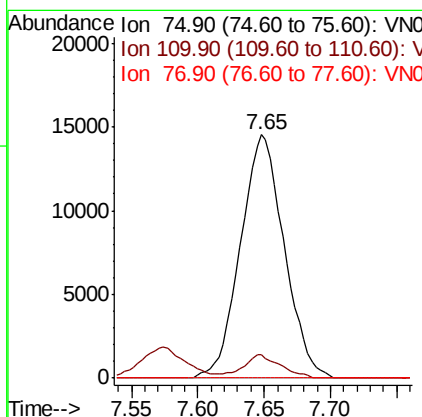
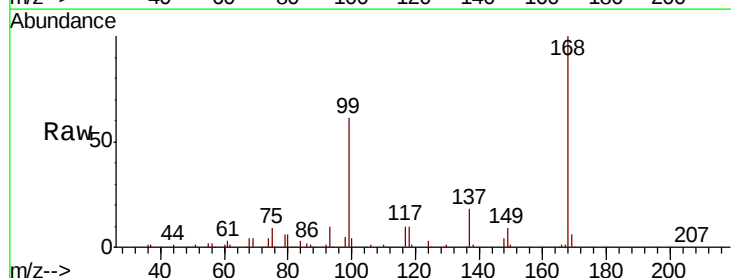
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-100919

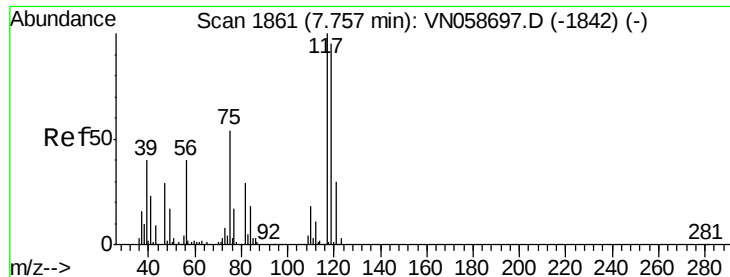
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.3	123.5
192	19.4	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 5.399 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.6	49.8#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.691 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

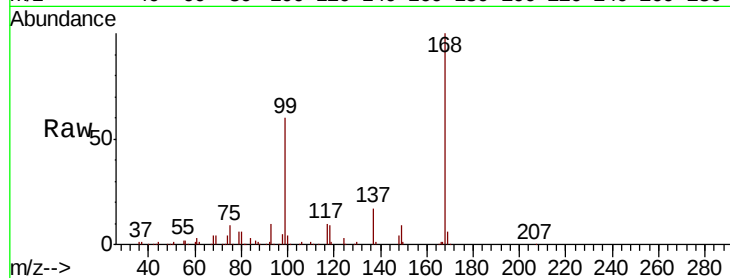
Tot Ion:117 Resp: 40257

Ion Ratio Lower Upper

117 100

119 6.3 75.7 113.5#

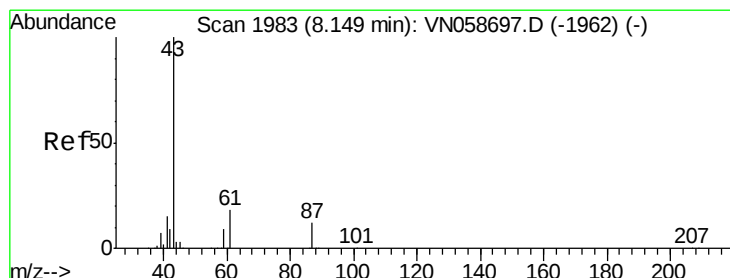
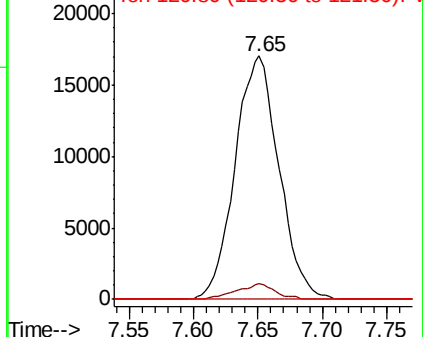
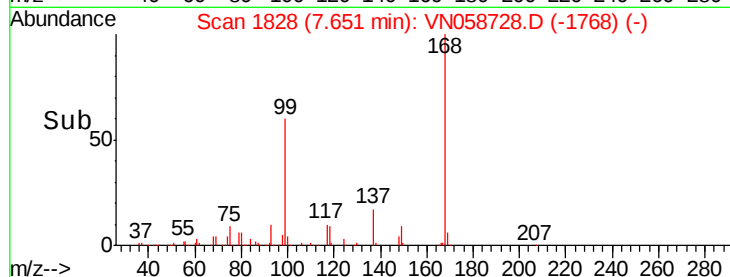
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 10.054 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

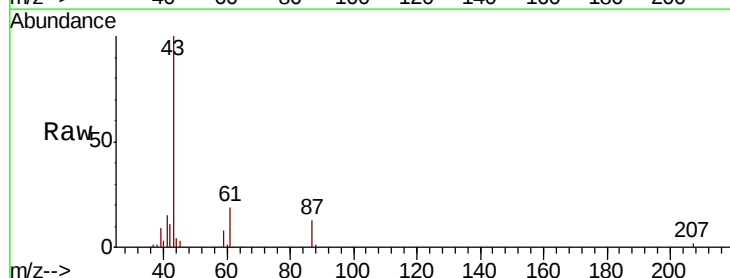
Tgt Ion: 43 Resp: 106924

Ion Ratio Lower Upper

43 100

61 19.2 20.3 30.5#

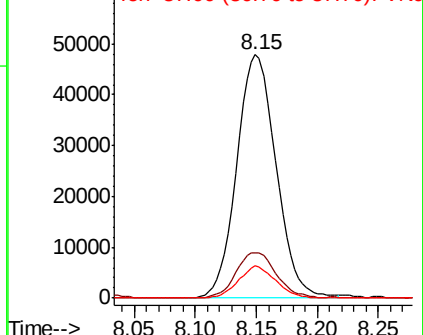
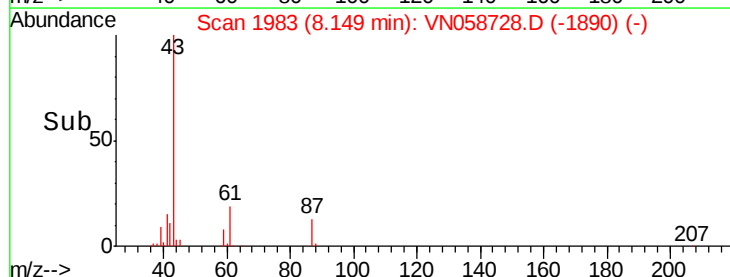
87 12.4 9.8 14.6

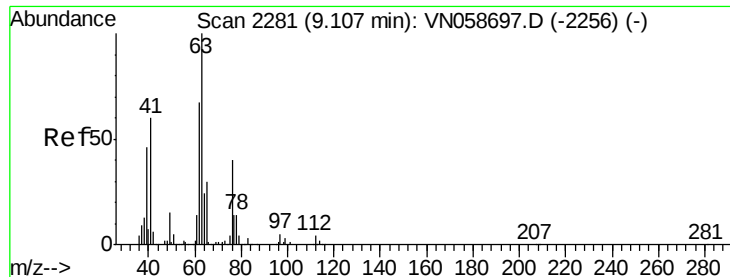


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

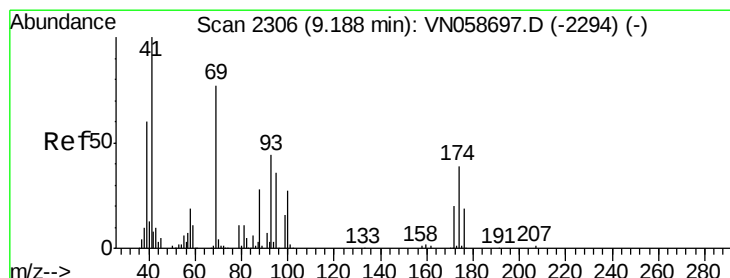
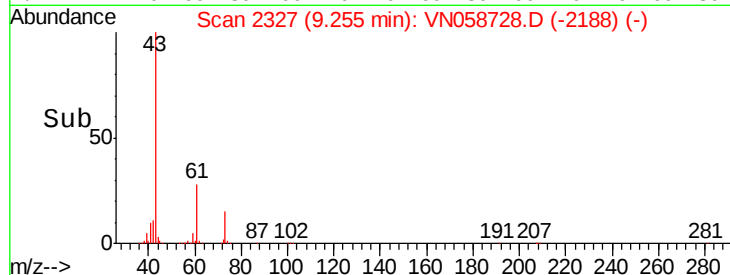
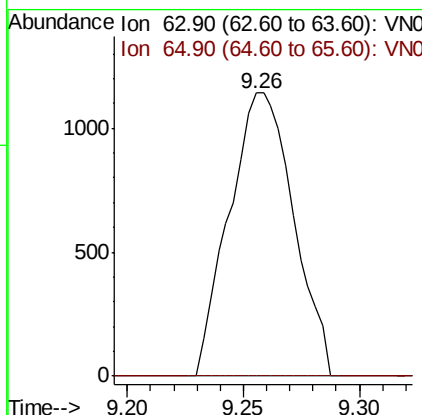
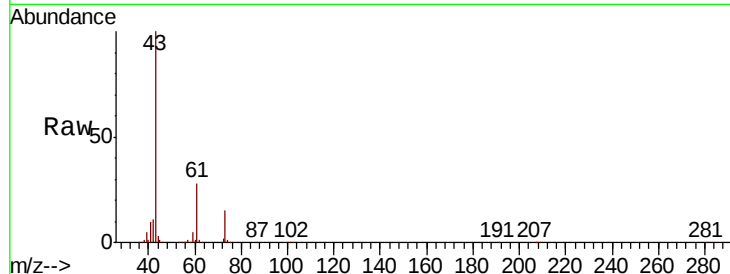




#45
 1,2-Dichloropropane
 Concen: 0.464 ug/l
 RT: 9.26 min Scan# 2327
 Delta R.T. 0.15 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

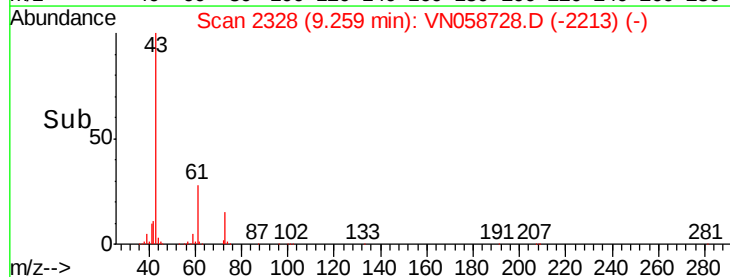
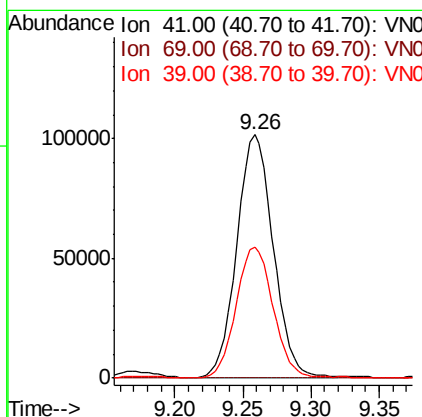
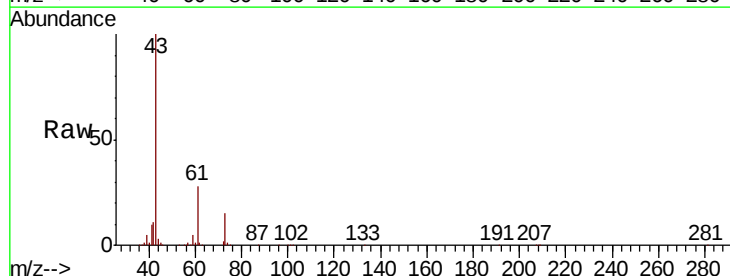
Instrument :
 MSVOA_N
 ClientSampled :
 HD-01-100919

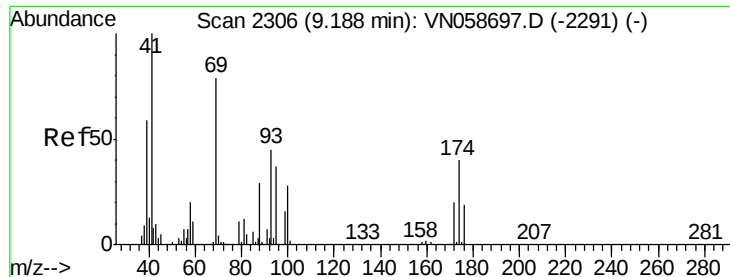
Tot Ion: 63 Resp: 2203
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.1 36.1#



#48
 Methyl methacrylate
 Concen: 38.822 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.07 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

Tgt Ion: 41 Resp: 187158
 Ion Ratio Lower Upper
 41 100
 69 0.0 63.4 95.2#
 39 54.8 48.9 73.3





#49

1,4-Dioxane

Concen: 1.703 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.06 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

HD-01-100919

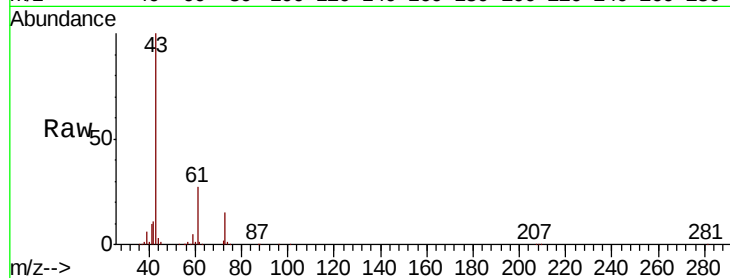
Tot Ion: 88 Resp: 127

Ion Ratio Lower Upper

88 100

43 1494271.7 28.6 43.0#

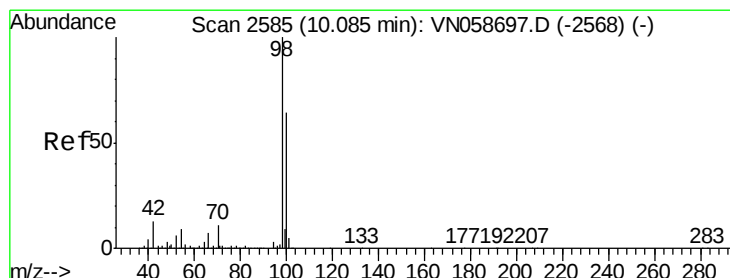
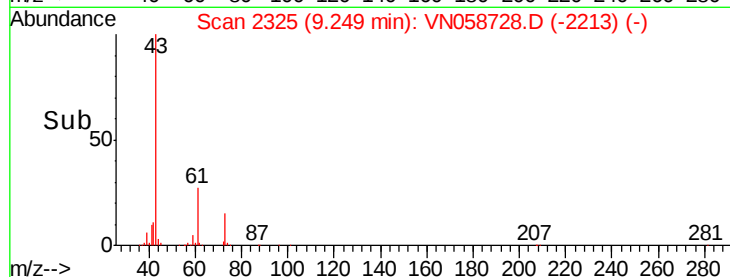
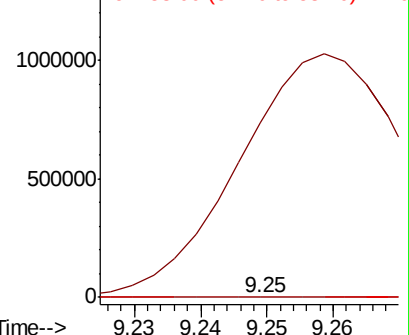
58 6663.0 57.2 85.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.506 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058728.D

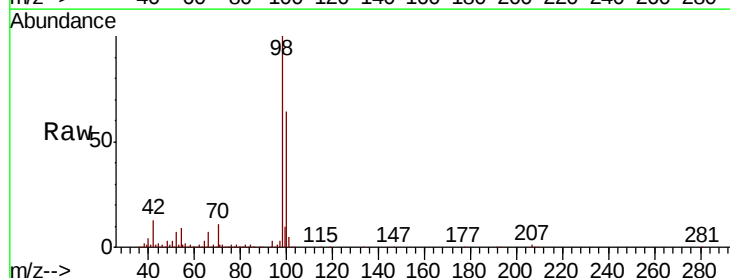
Acq: 12 Oct 2019 1:55

Tgt Ion: 98 Resp: 791826

Ion Ratio Lower Upper

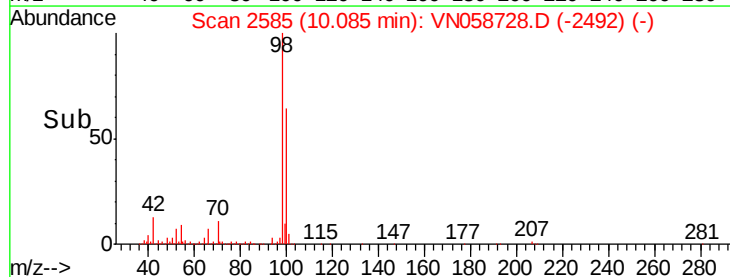
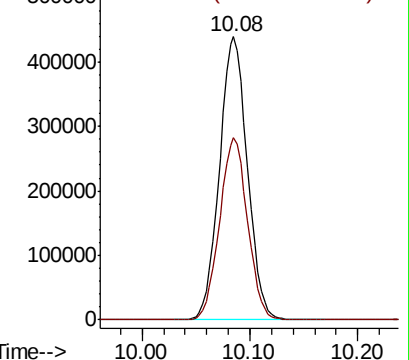
98 100

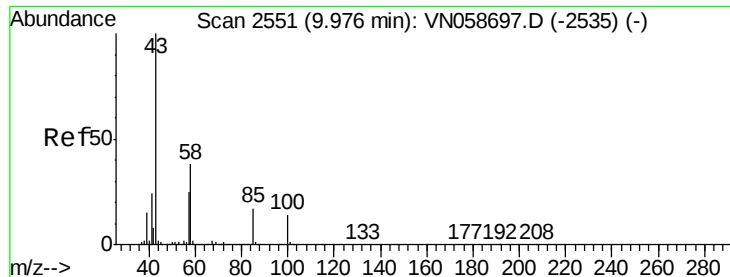
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.278 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

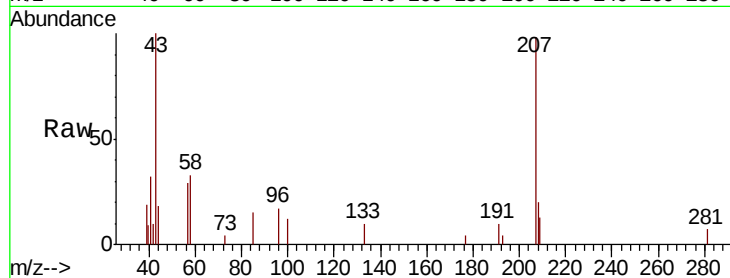
HD-01-100919

Tot Ion: 43 Resp: 7631

Ion Ratio Lower Upper

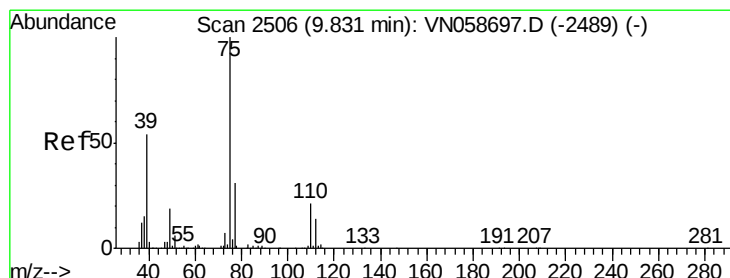
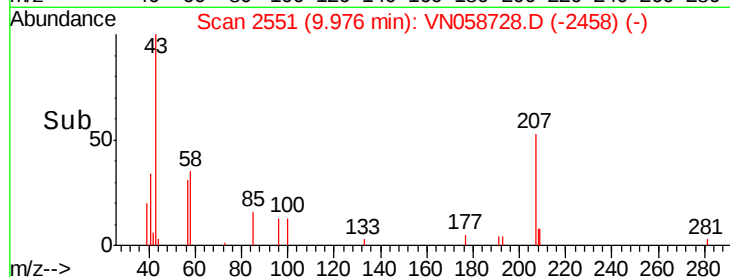
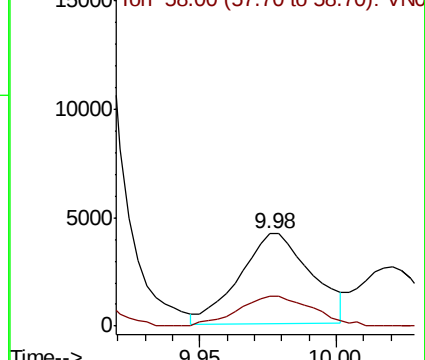
43 100

58 34.5 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.919 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

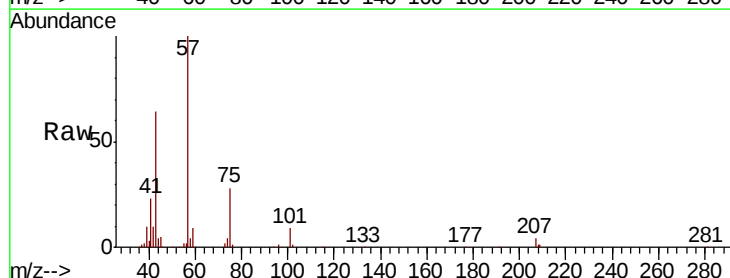
Tgt Ion: 75 Resp: 44168

Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

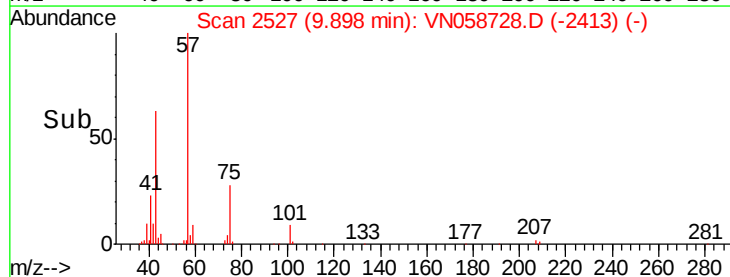
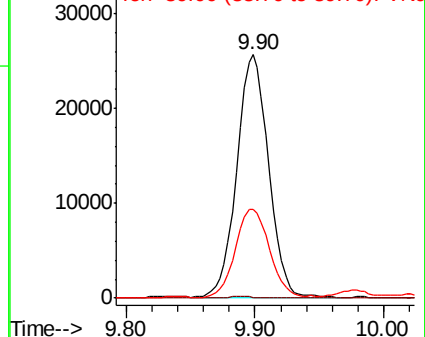
39 36.6 43.1 64.7#

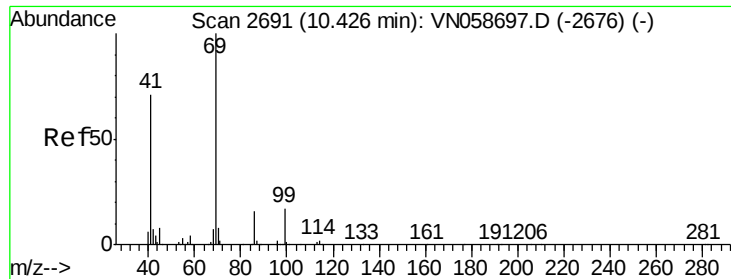


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.304 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

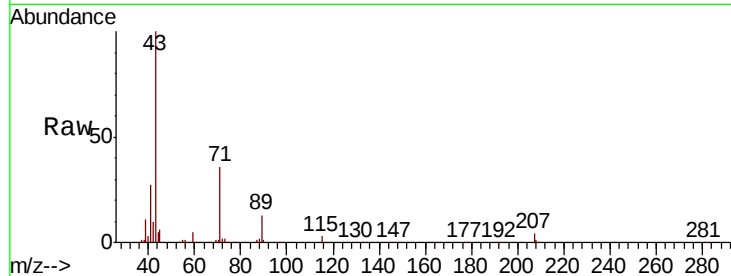
Tot Ion: 69 Resp: 1972

Ion Ratio Lower Upper

69 100

41 4852.3 56.8 85.2#

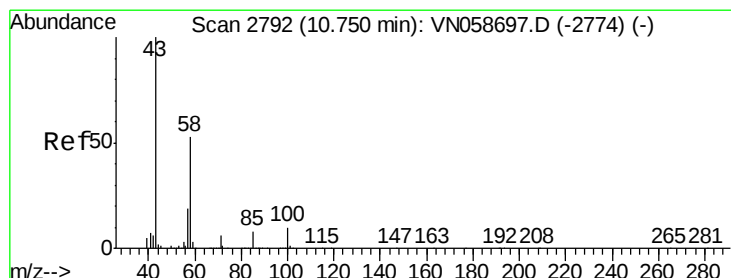
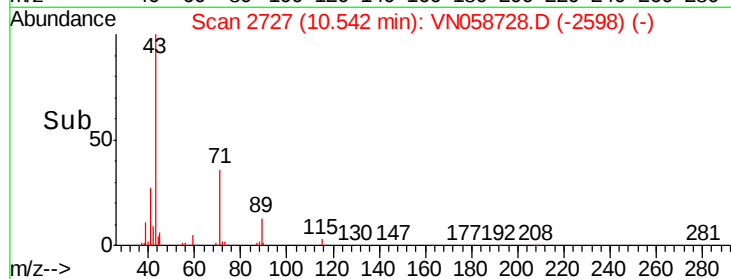
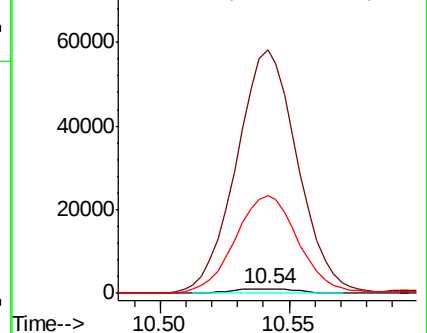
39 2034.6 32.5 48.7#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 26.133 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058728.D

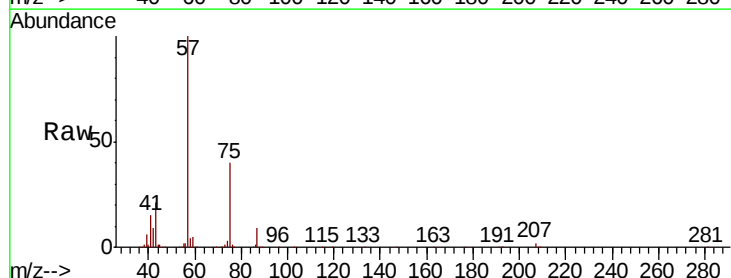
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 120629

Ion Ratio Lower Upper

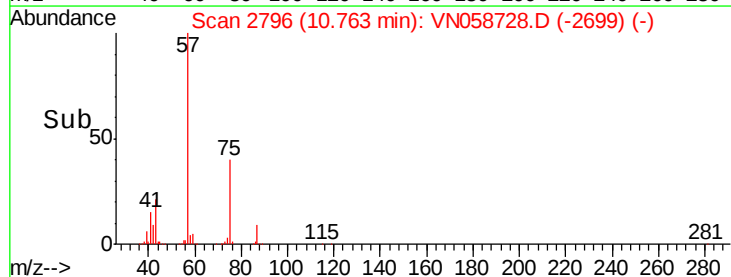
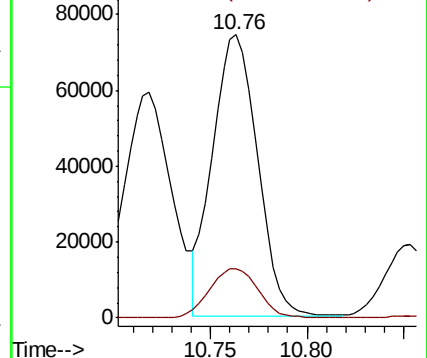
43 100

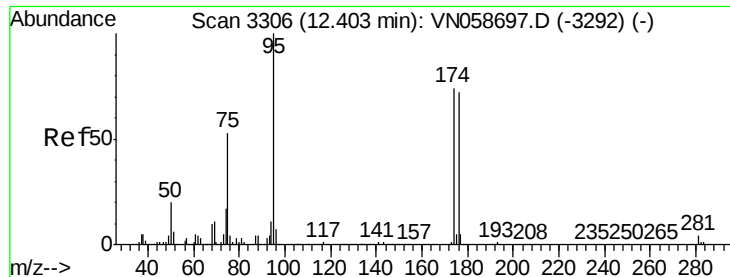
58 18.8 26.1 78.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.148 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

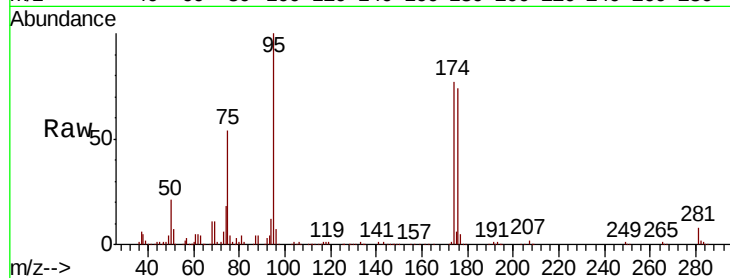
Tot Ion: 95 Resp: 263434

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.4

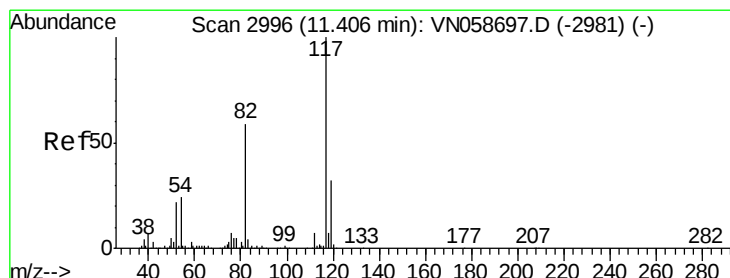
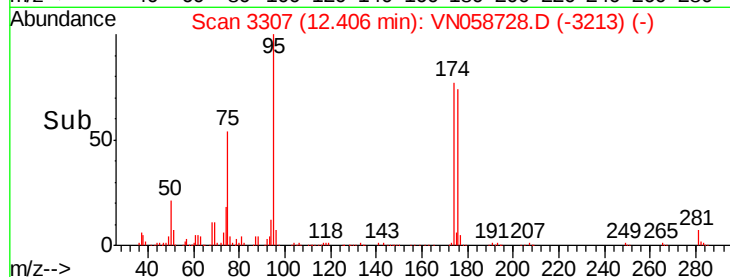
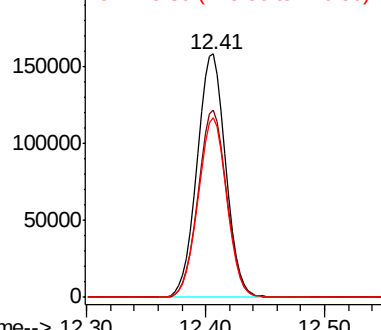
176 73.9 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

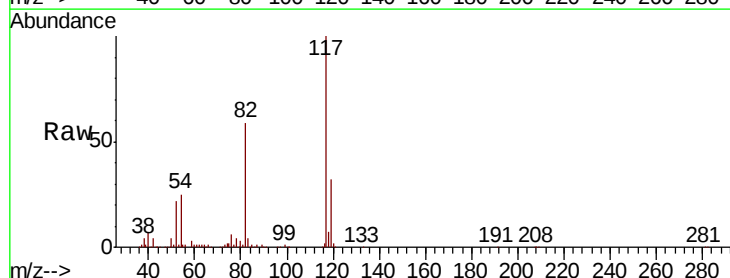
Tgt Ion: 117 Resp: 555794

Ion Ratio Lower Upper

117 100

82 59.0 47.0 70.4

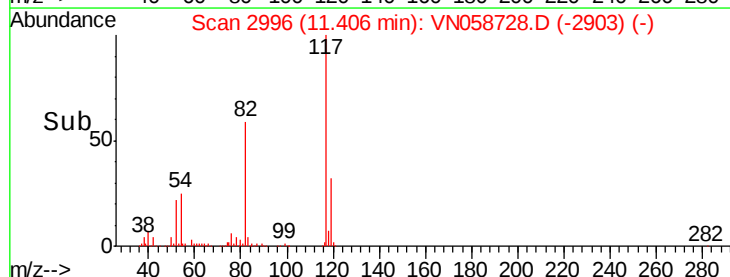
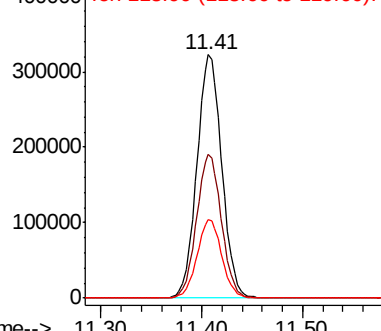
119 32.1 25.4 38.2

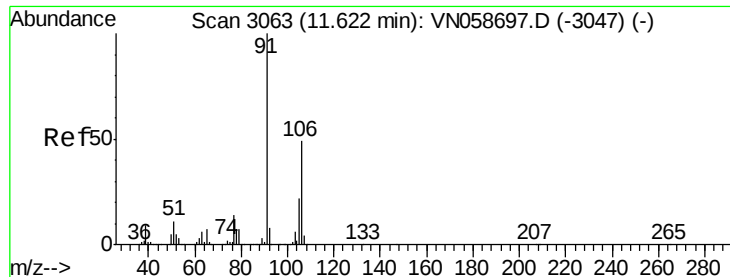


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#68

m/p-Xvlenes

Concen: 0.404 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

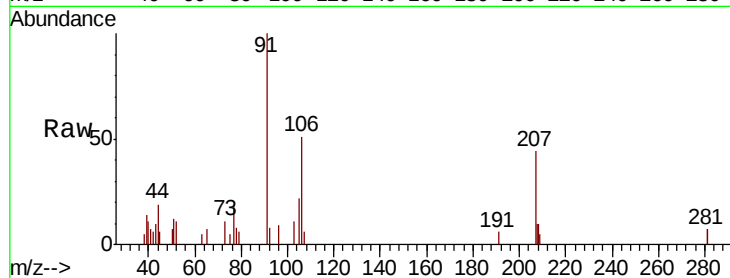
HD-01-100919

Tot Ion:106 Resp: 3050

Ion Ratio Lower Upper

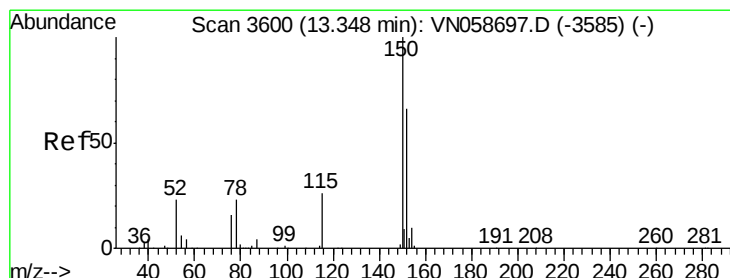
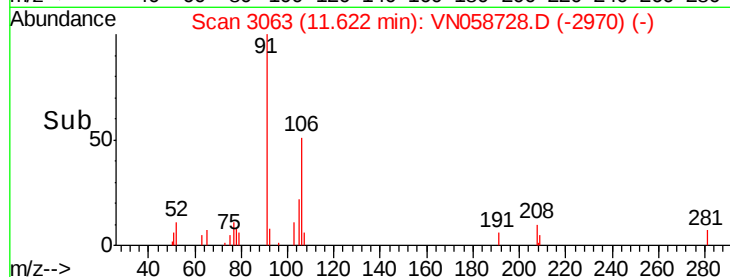
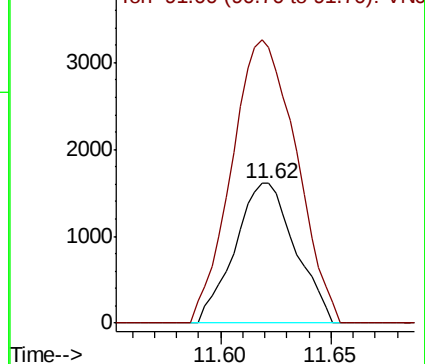
106 100

91 217.3 165.7 248.5



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: VN058728.D

Acq: 12 Oct 2019 1:55

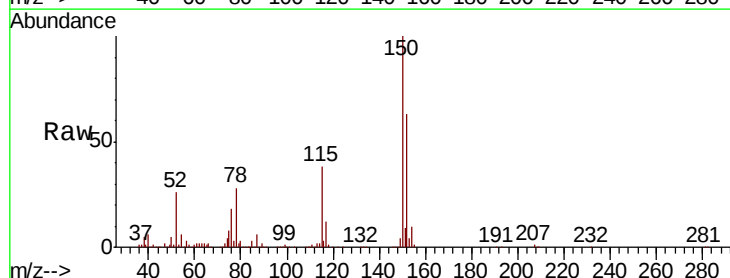
Tgt Ion:152 Resp: 226670

Ion Ratio Lower Upper

152 100

115 61.1 30.4 91.2

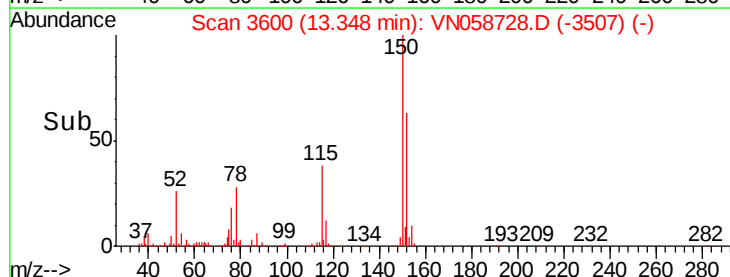
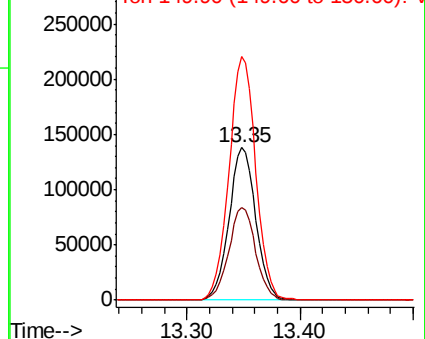
150 159.5 0.0 345.4

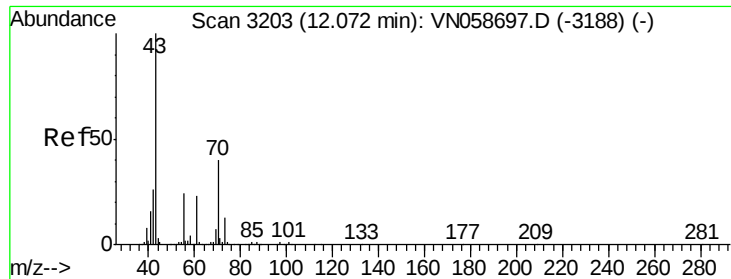


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.582 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

HD-01-100919

Tot Ion: 43 Resp: 4291

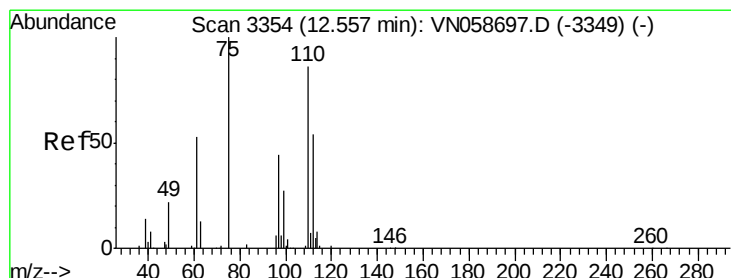
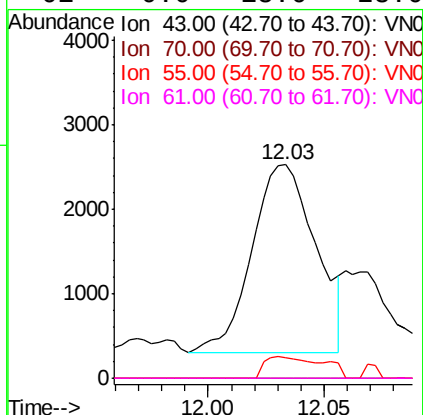
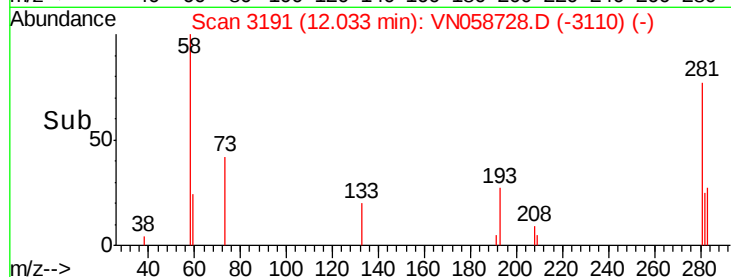
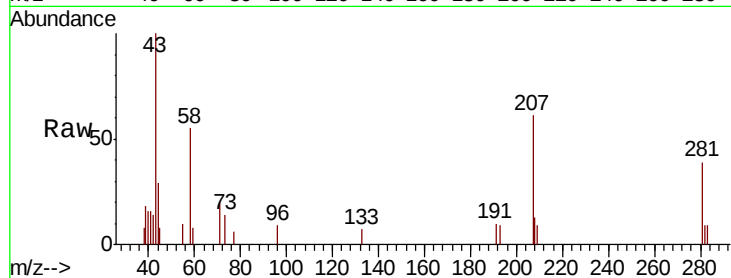
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 10.4 19.6 29.4#

61 0.0 18.6 28.0#



#76

1,2,3-Trichloropropane

Concen: 29.198 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058728.D

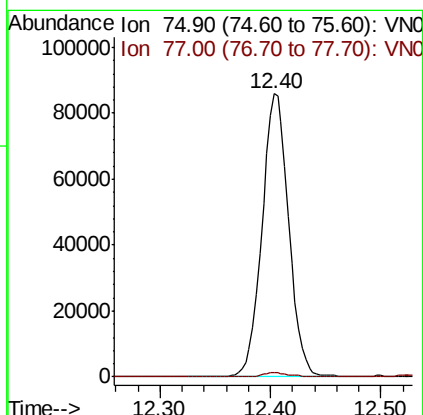
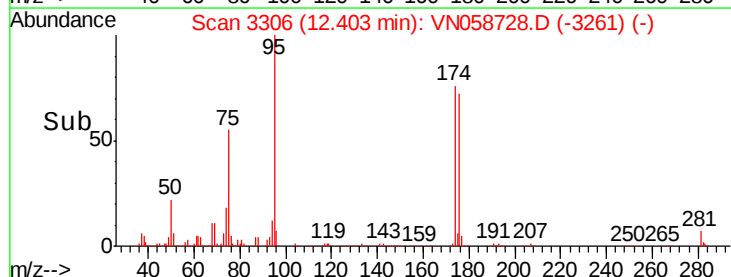
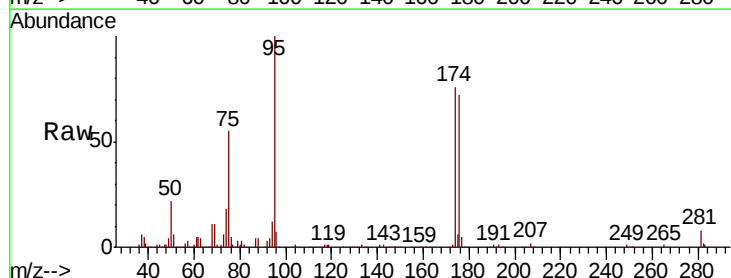
Acq: 12 Oct 2019 1:55

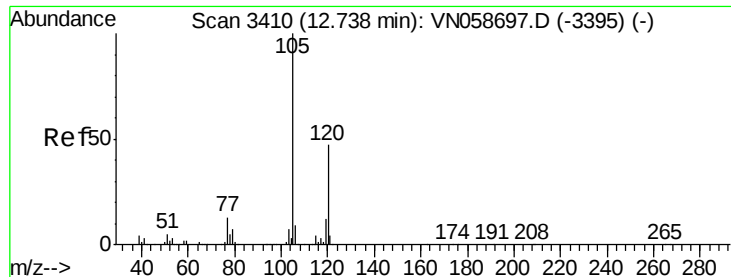
Tgt Ion: 75 Resp: 145189

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

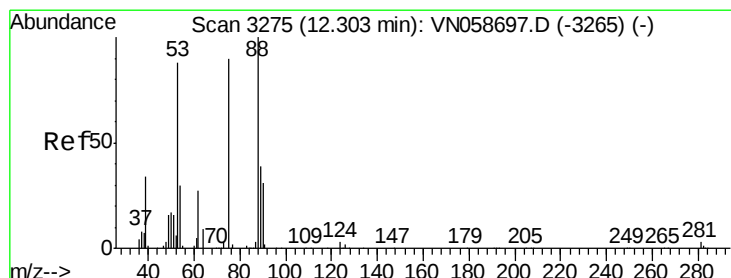
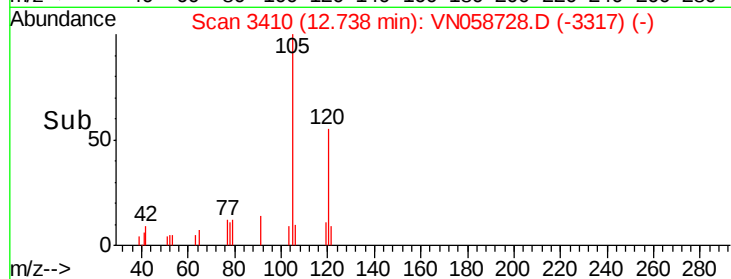
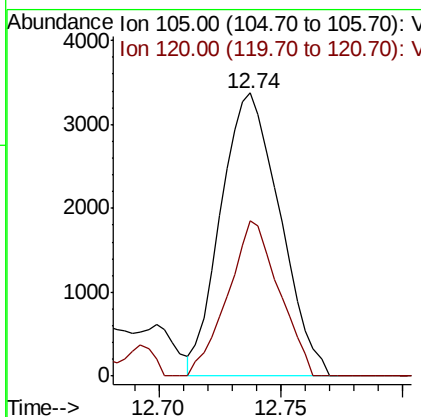
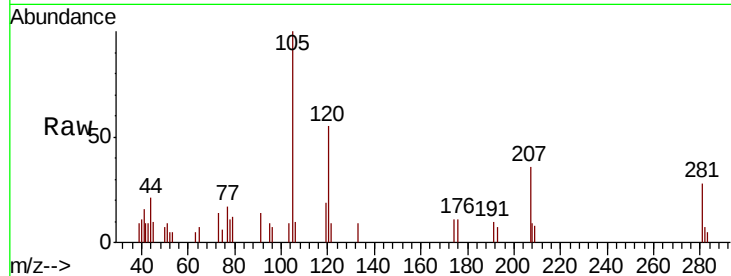




#80
 1,3,5-Trimethylbenzene
 Concen: 0.406 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

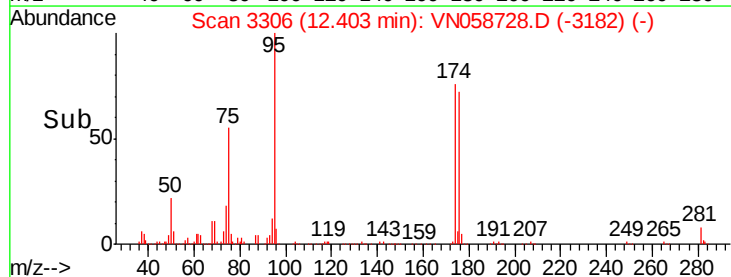
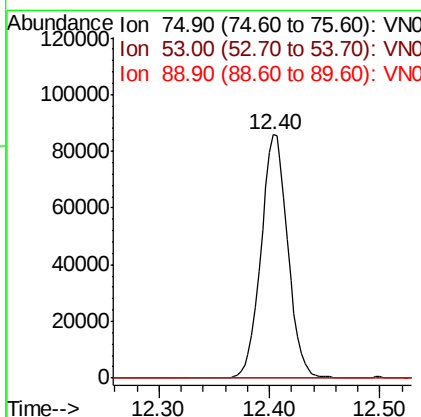
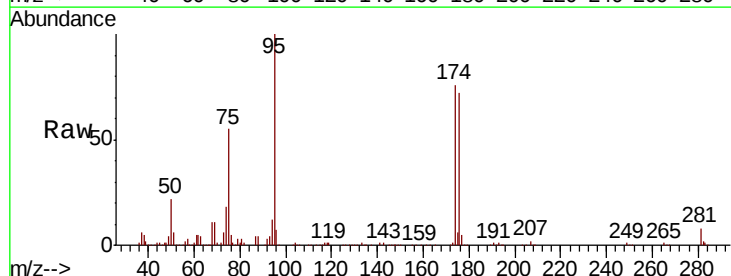
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-100919

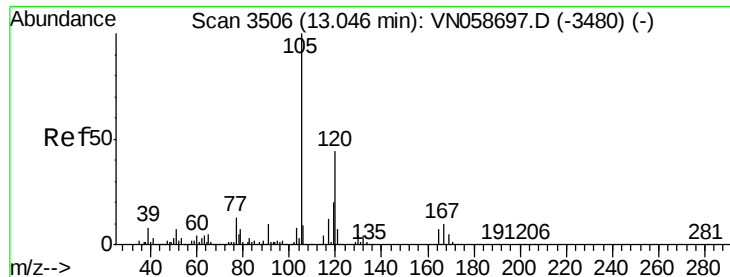
Tot Ion:105 Resp: 5687
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.212 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

Tgt Ion: 75 Resp: 145189
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.4 117.6#
 89 0.0 34.9 52.3#

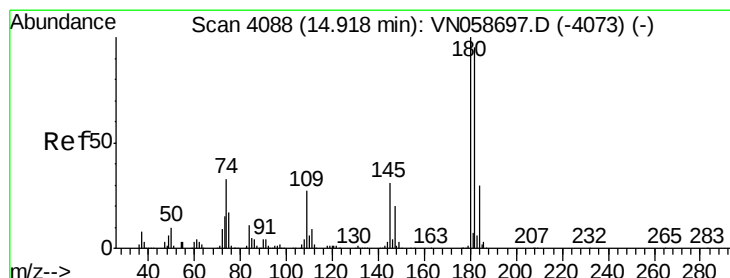
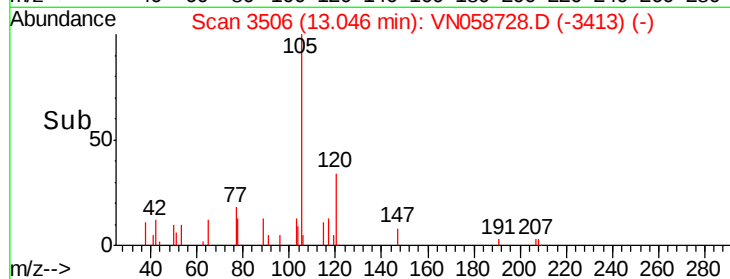
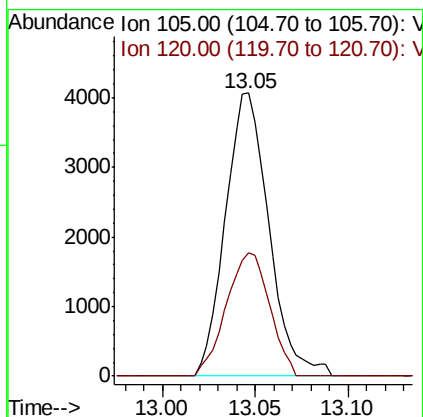
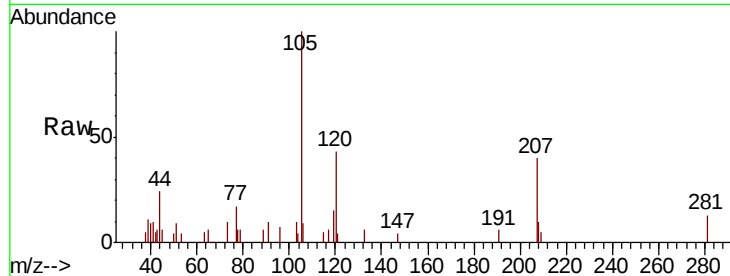




#84
 1,2,4-Trimethylbenzene
 Concen: 0.476 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

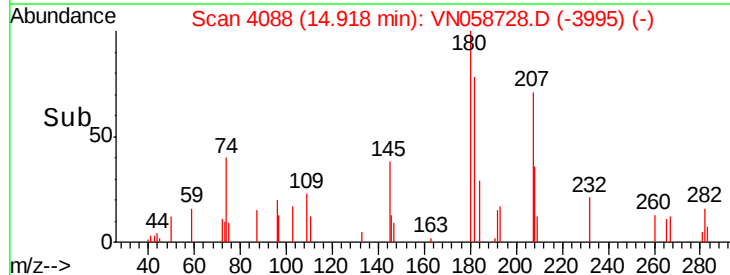
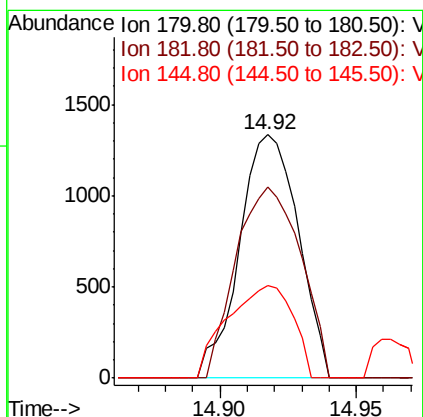
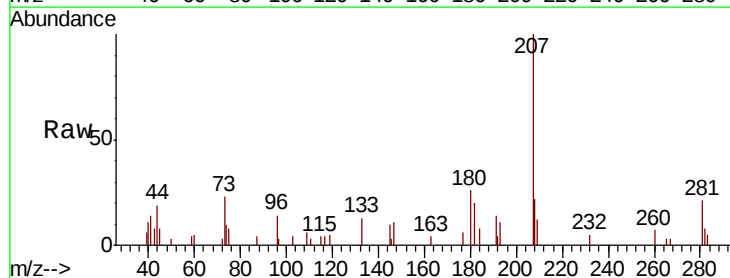
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-100919

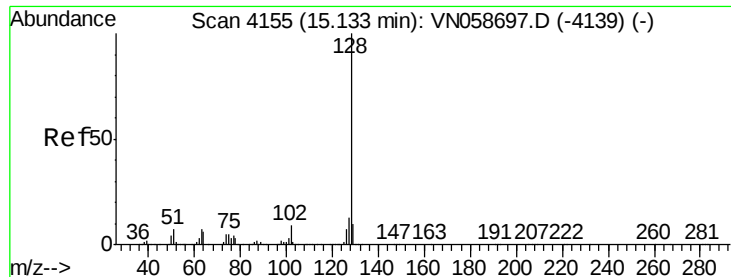
Tot Ion:105 Resp: 6620
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.9 65.7



#93
 1,2,4-Trichlorobenzene
 Concen: 0.456 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058728.D
 Acq: 12 Oct 2019 1:55

Tgt Ion:180 Resp: 1996
 Ion Ratio Lower Upper
 180 100
 182 86.9 47.4 142.2
 145 42.3 15.4 46.2





#95

Naphthalene

Concen: 1.435 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

HD-01-100919

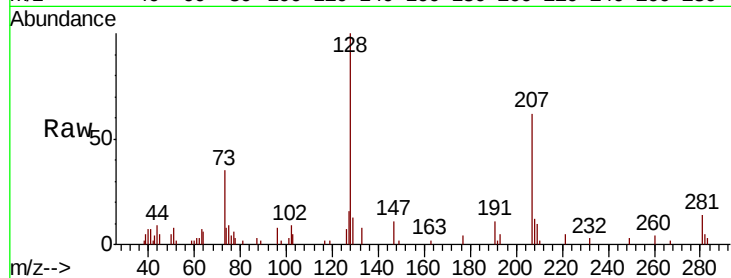
Tot Ion:128 Resp: 18060

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

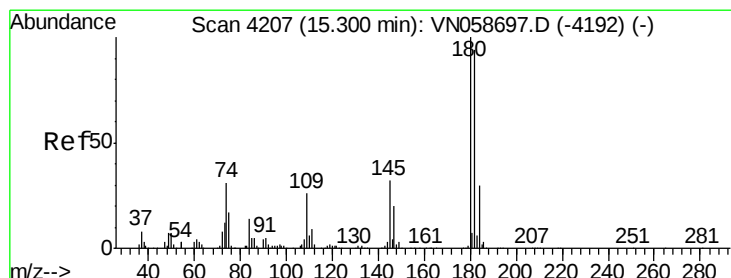
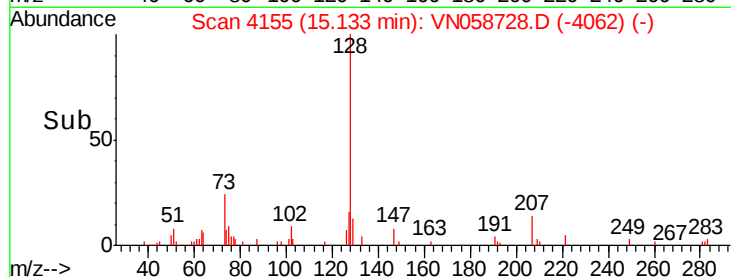
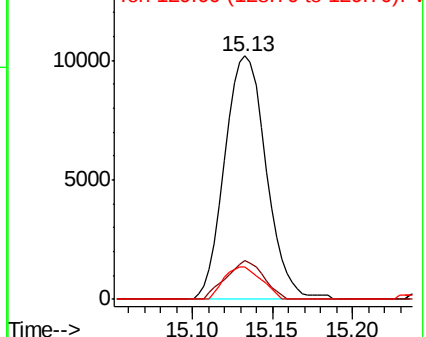
129 11.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.469 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058728.D

Acq: 12 Oct 2019 1:55

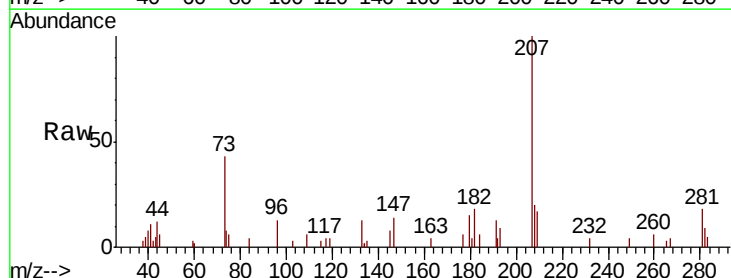
Tgt Ion:180 Resp: 2006

Ion Ratio Lower Upper

180 100

182 97.0 47.3 142.0

145 76.5 16.2 48.6#



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

