

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058365.D
 Acq On : 25 Sep 2019 14:27
 Operator : JC/SP
 Sample : K4657-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-092419

Quant Time: Sep 26 01:10:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	488366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	817206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	717323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	367685	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
35) Dibromofluoromethane	7.58	113	255883	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.09	98	1042918	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.41	95	340745	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

						Qvalue
3) Chloromethane	2.03	50	269	Below Cal	#	42
5) Bromomethane	2.56	94	98	0.776	ug/l #	34
6) Chloroethane	2.67	64	164	Below Cal	#	44
14) Allyl chloride	4.53	41	134565	20.829	ug/l #	22
16) Acetone	3.81	43	17756	7.690	ug/l	93
17) Carbon Disulfide	4.04	76	1441	0.611	ug/l #	74
18) Methyl Acetate	4.32	43	4510	0.742	ug/l #	75
20) Methylene Chloride	4.53	84	3833232	952.271	ug/l	96
25) 2-Butanone	6.84	43	2292	0.729	ug/l	100
29) Tetrahydrofuran	7.19	42	524	0.270	ug/l #	53
30) Chloroform	7.36	83	2195	0.233	ug/l	88
31) Cyclohexane	7.65	56	12784	Below Cal	#	1
36) 1,1-Dichloropropene	7.65	75	41750	7.084	ug/l #	52
38) Carbon Tetrachloride	7.65	117	52398	8.845	ug/l #	14
41) Methacrylonitrile	7.17	41	62	0.931	ug/l #	100
43) Isopropyl Acetate	8.15	43	121178	10.609	ug/l #	87
45) 1,2-Dichloropropane	9.26	63	1956	0.364	ug/l #	45
48) Methyl methacrylate	9.17	41	6512	1.256	ug/l #	14
49) 1,4-Dioxane	9.25	88	111	1.304	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5676	0.936	ug/l	90
52) Toluene	10.15	92	2591	0.230	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	42784	5.525	ug/l #	68
56) Ethyl methacrylate	10.54	69	1682	0.233	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6216	0.722	ug/l #	43
59) 2-Hexanone	10.76	43	104381	23.166	ug/l #	53
67) Ethyl Benzene	11.52	91	6751	0.312	ug/l #	87
68) m/p-Xylenes	11.63	106	2078	0.255	ug/l	96
71) Bromoform	12.40	173	905	3.843	ug/l #	1
74) N-amyl acetate	12.04	43	2085	0.275	ug/l #	51
76) 1,2,3-Trichloropropane	12.41	75	187867	36.293	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	6358	0.415	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.41	75	187867	101.311	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	9339	0.613	ug/l	97
90) Hexachloroethane	13.90	117	412	2.962	ug/l #	12

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

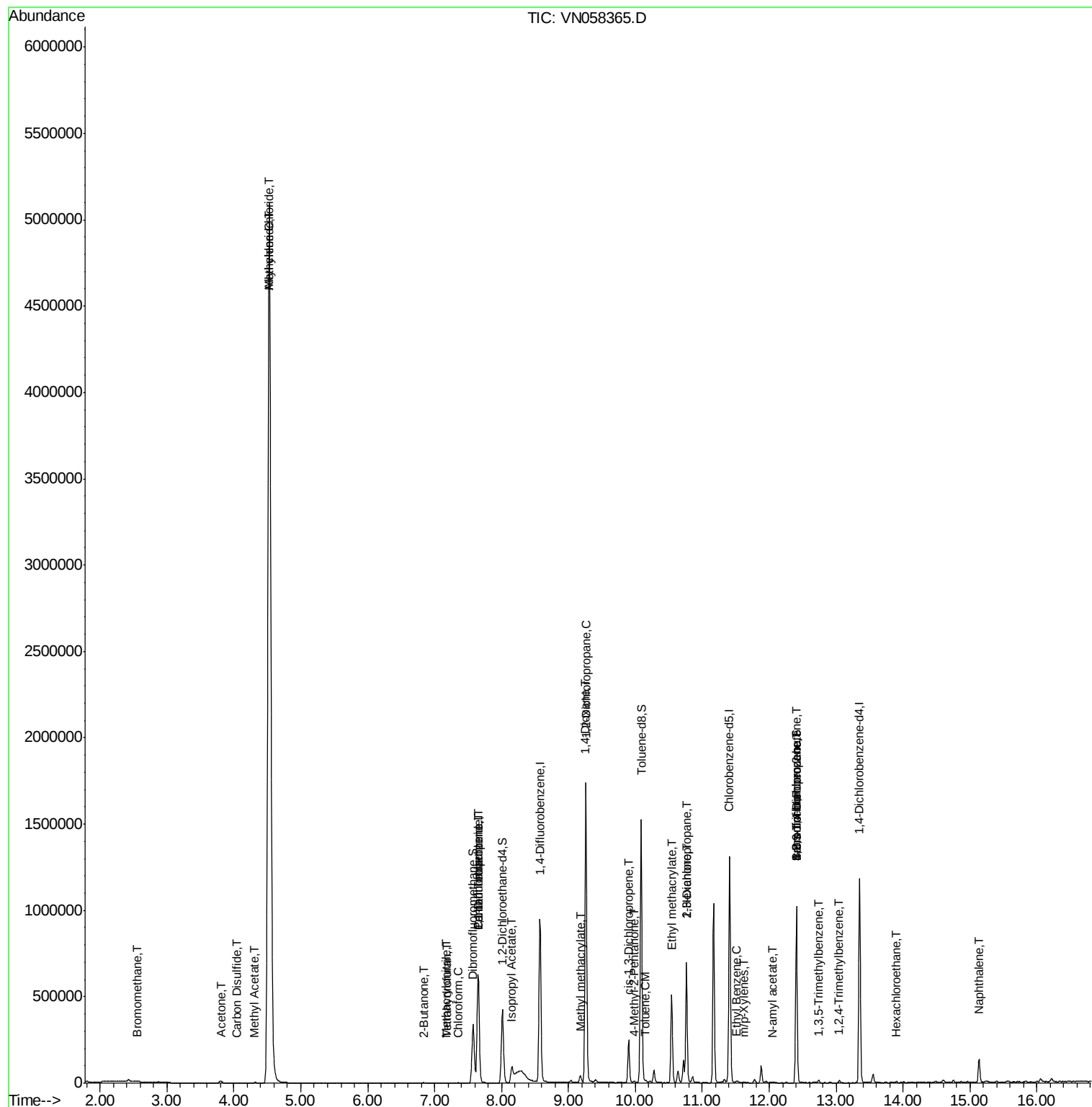
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	109654	7.937	ug/l	98

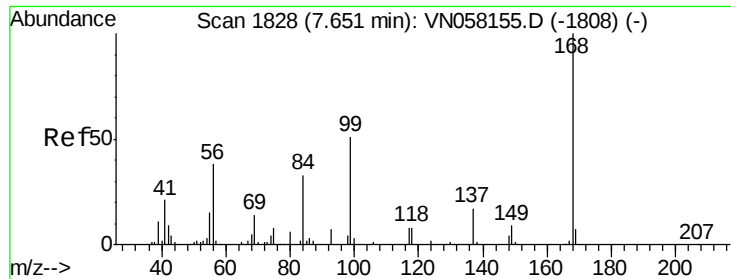
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092519\
Data File : VN058365.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

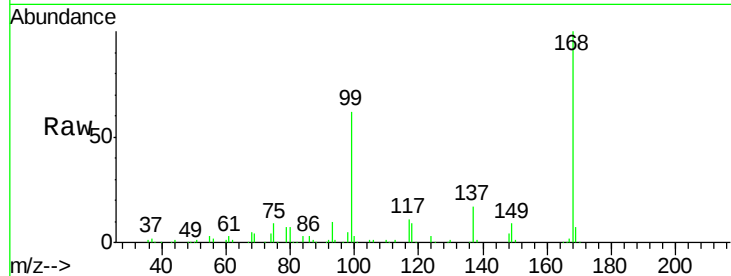
BU-02-092419

Tot Ion:168 Resp: 488366

Ion Ratio Lower Upper

168 100

99 62.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

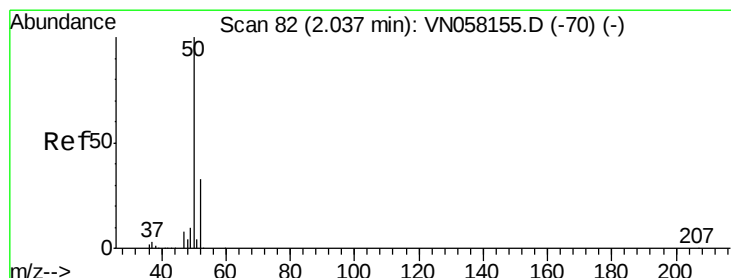
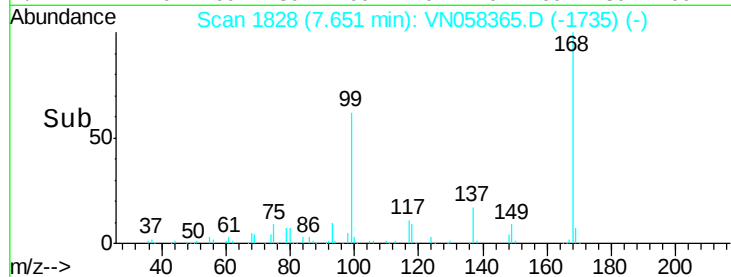
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058365.D

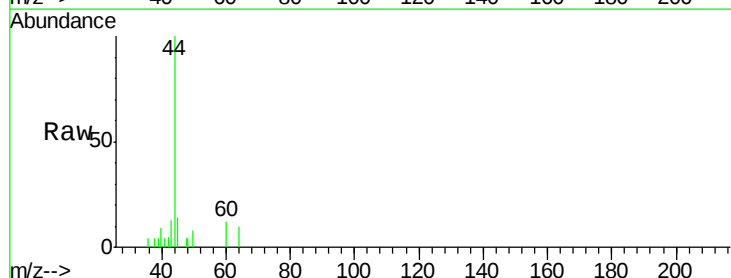
Acq: 25 Sep 2019 14:27

Tgt Ion: 50 Resp: 269

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

400

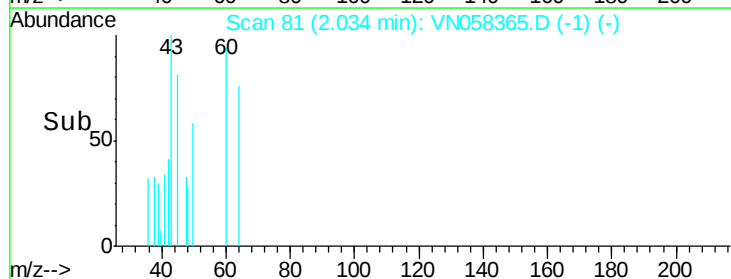
300

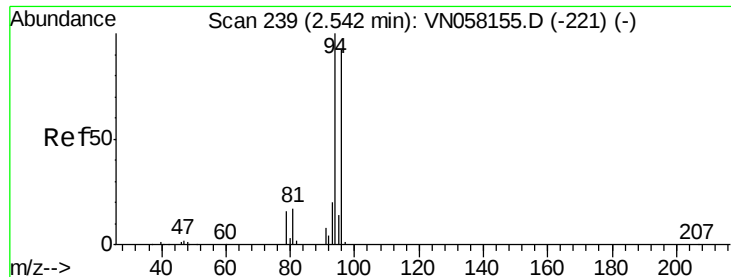
200

100

0

Time-->





#5

Bromomethane

Concen: 0.776 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

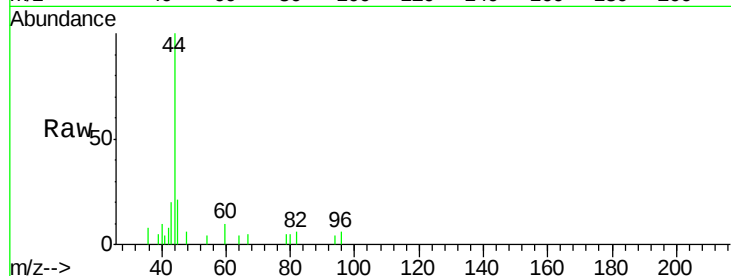
BU-02-092419

Tot Ion: 94 Resp: 98

Ion Ratio Lower Upper

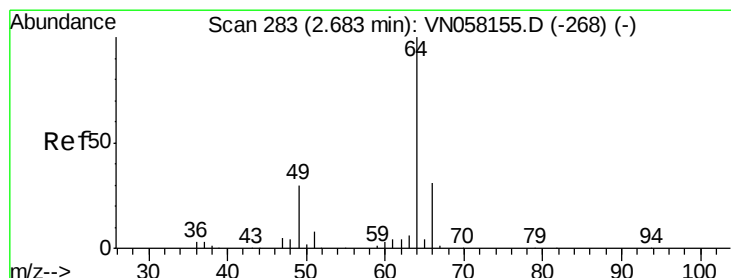
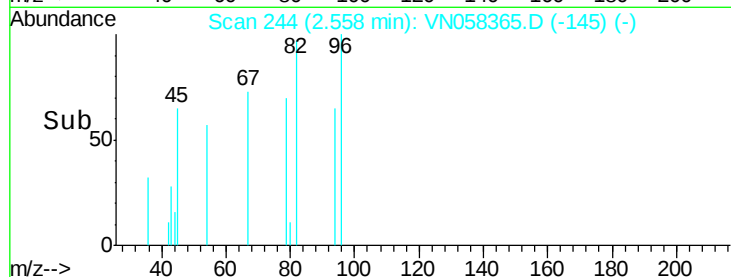
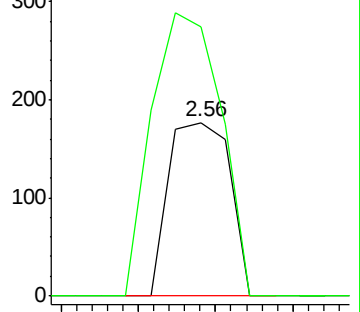
94 100

96 154.8 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.67 min Scan# 280

Delta R.T. -0.01 min

Lab File: VN058365.D

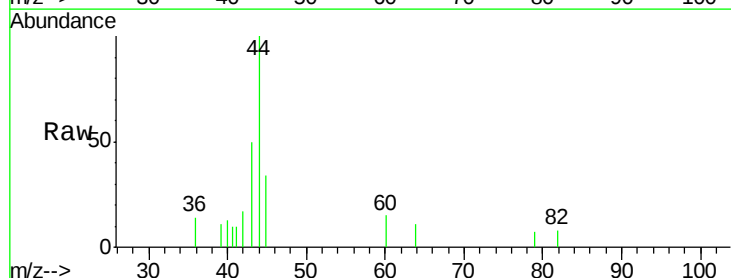
Acq: 25 Sep 2019 14:27

Tgt Ion: 64 Resp: 164

Ion Ratio Lower Upper

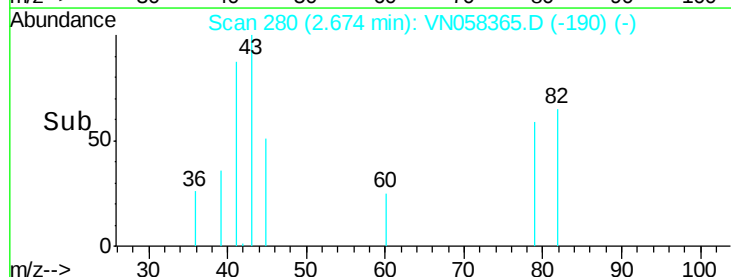
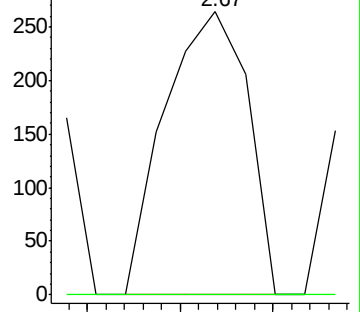
64 100

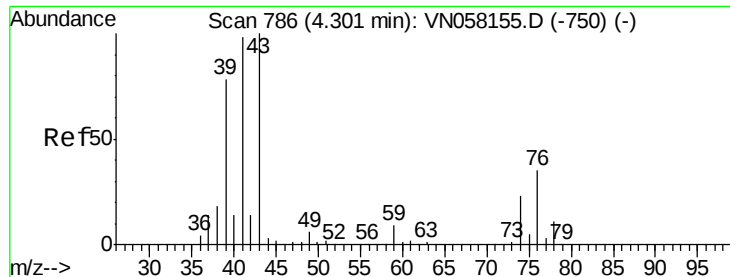
66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

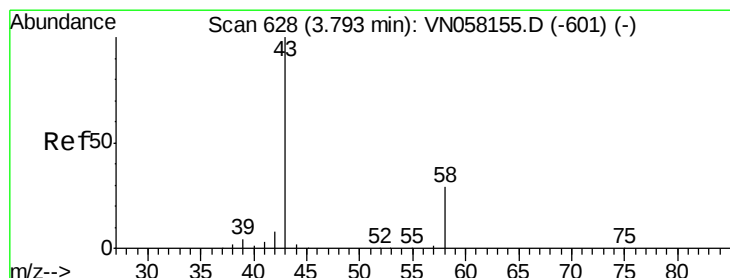
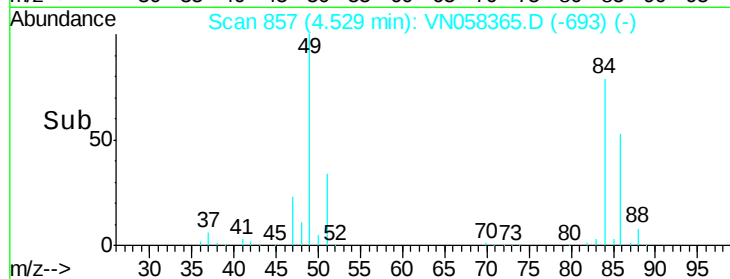
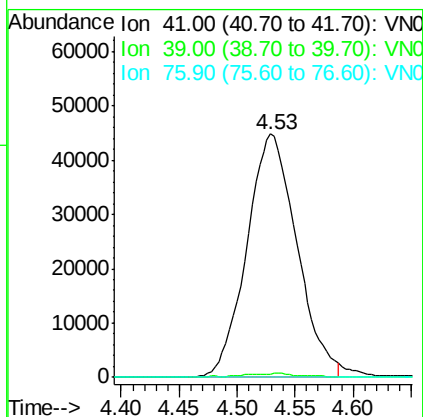
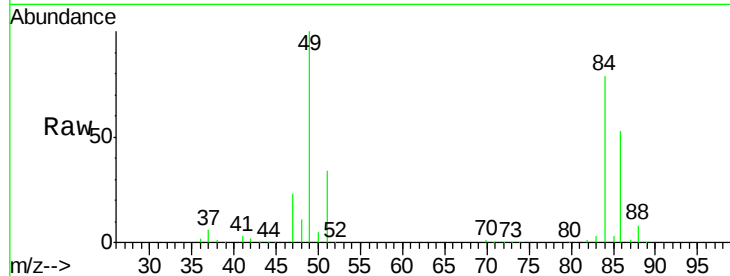




#14
Allvl chloride
Concen: 20.829 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.23 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

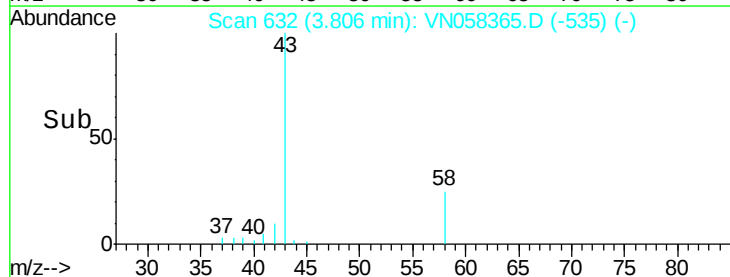
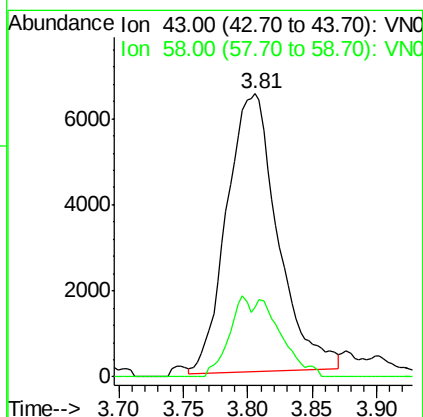
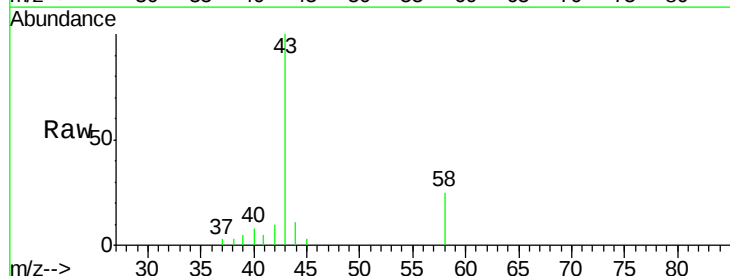
Instrument :
MSVOA_N
ClientSampled :
BU-02-092419

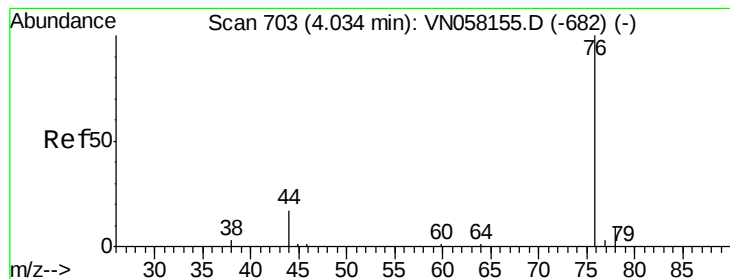
Tot Ion: 41 Resp: 134565
Ion Ratio Lower Upper
41 100
39 0.3 59.1 88.7#
76 0.0 25.1 37.7#



#16
Acetone
Concen: 7.690 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

Tgt Ion: 43 Resp: 17756
Ion Ratio Lower Upper
43 100
58 25.3 23.4 35.2





#17

Carbon Disulfide

Concen: 0.611 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

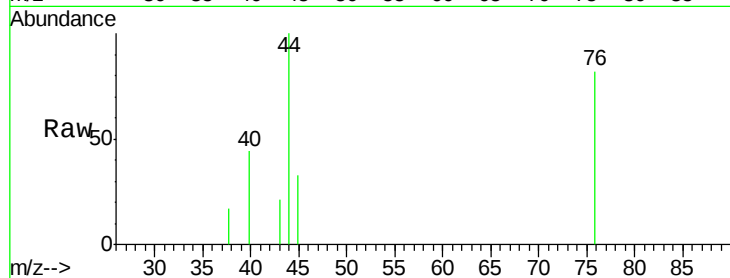
BU-02-092419

Tot Ion: 76 Resp: 1441

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.04

800

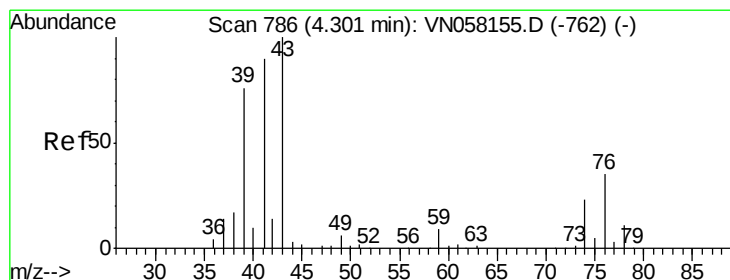
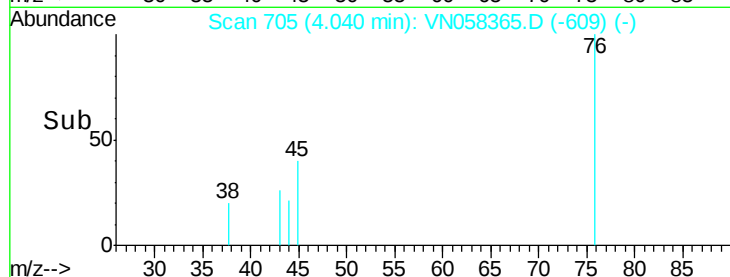
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 0.742 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.02 min

Lab File: VN058365.D

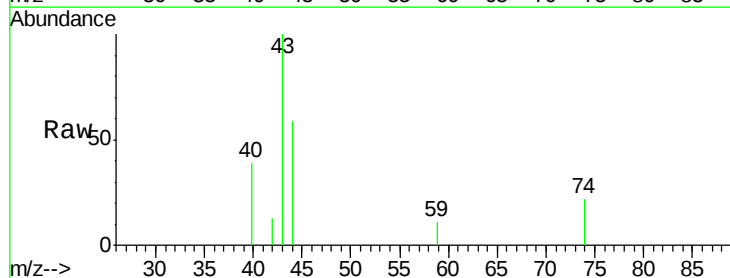
Acq: 25 Sep 2019 14:27

Tgt Ion: 43 Resp: 4510

Ion Ratio Lower Upper

43 100

74 10.7 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.32

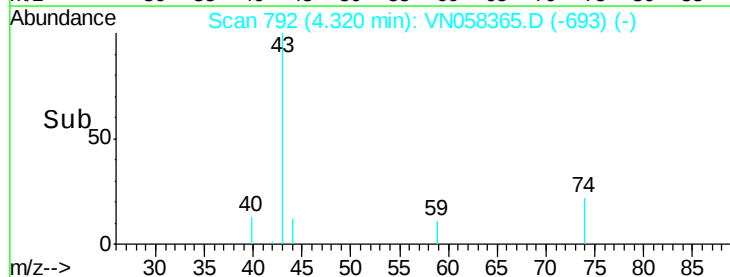
1500

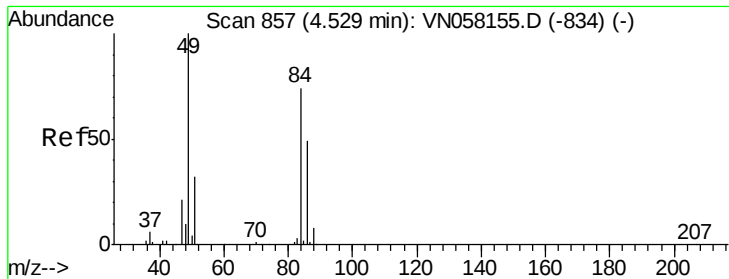
1000

500

0

Time-->



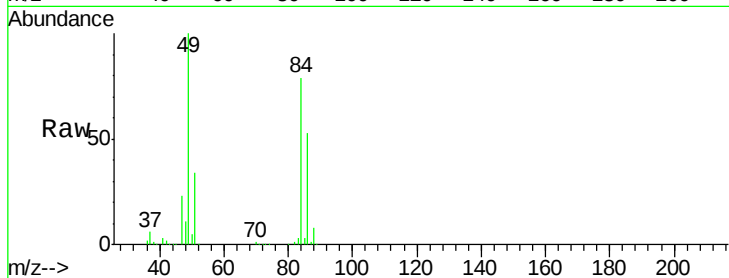


#20
Methvlene Chloride
Concen: 952.271 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

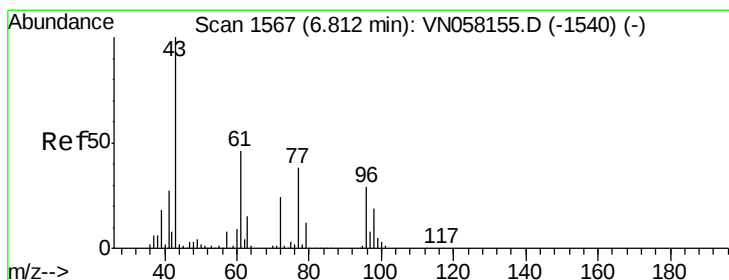
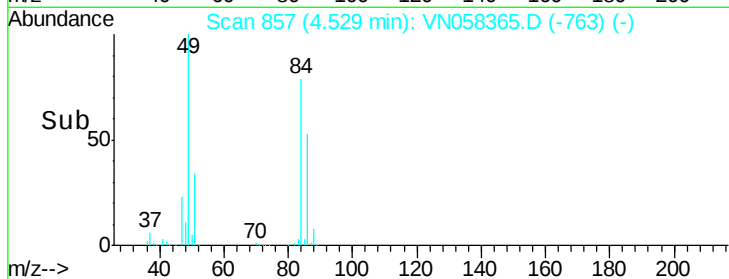
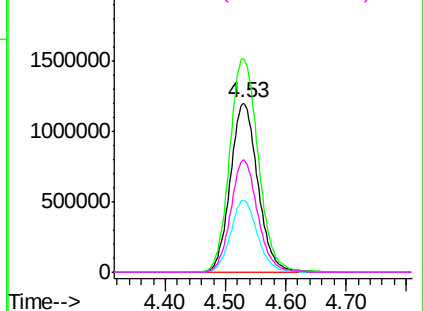
Instrument :
MSVOA_N
ClientSampleId :
BU-02-092419

Tot Ion: 84 Resp: 3833232

Ion	Ratio	Lower	Upper
84	100		
49	126.1	107.5	161.3
51	42.7	33.9	50.9
86	66.2	52.4	78.6



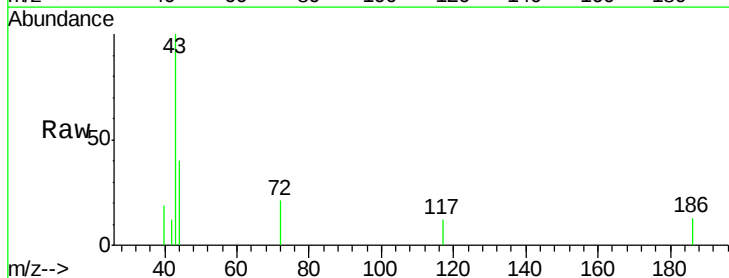
Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC



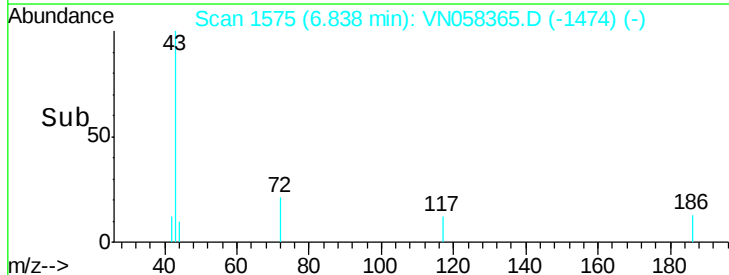
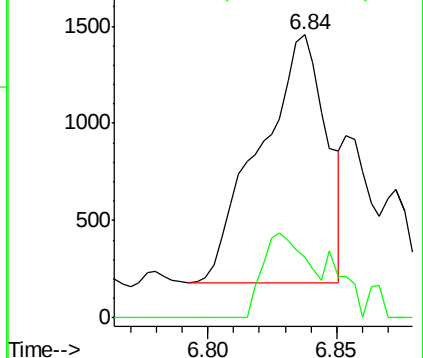
#25
2-Butanone
Concen: 0.729 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.03 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

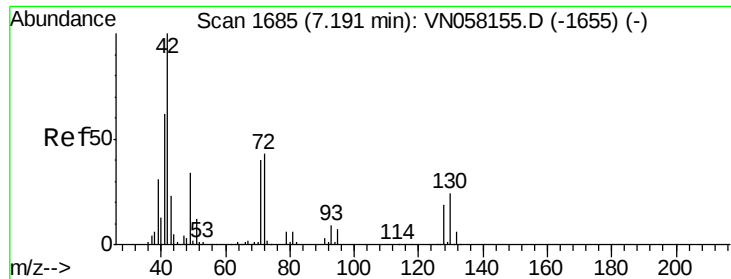
Tgt Ion: 43 Resp: 2292

Ion	Ratio	Lower	Upper
43	100		
72	24.2	19.5	29.3



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





#29

Tetrahydrofuran

Concen: 0.270 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

BU-02-092419

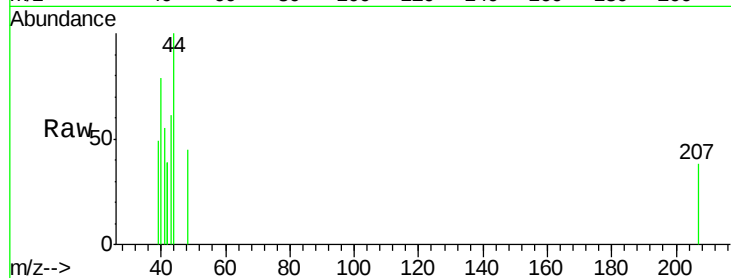
Tot Ion: 42 Resp: 524

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

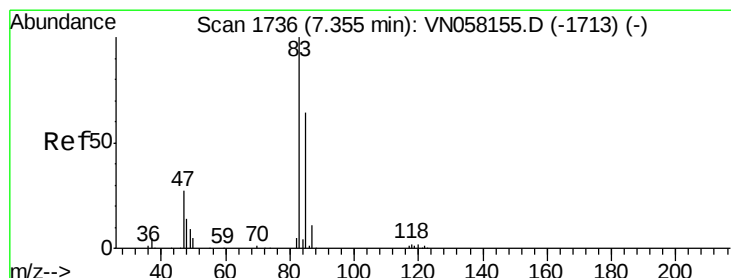
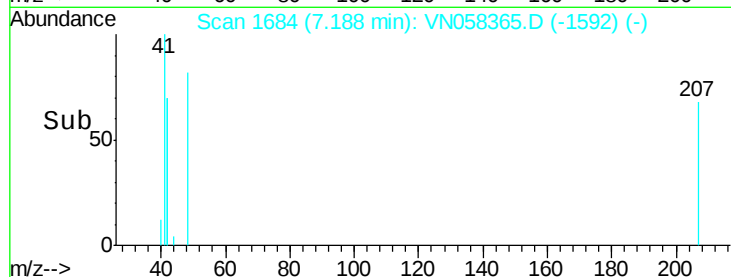
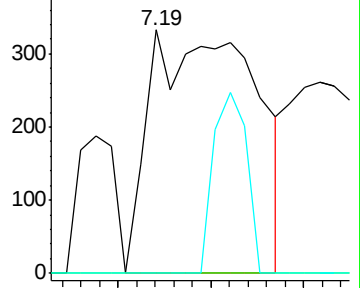
71 23.9 31.4 47.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.233 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058365.D

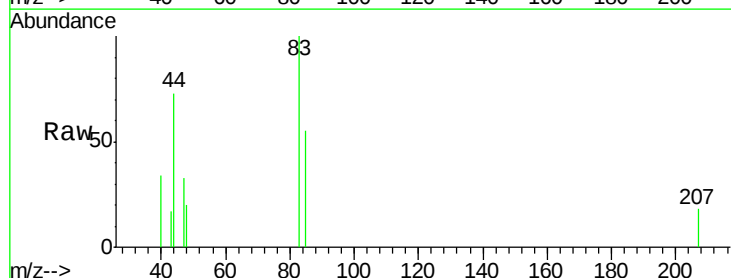
Acq: 25 Sep 2019 14:27

Tgt Ion: 83 Resp: 2195

Ion Ratio Lower Upper

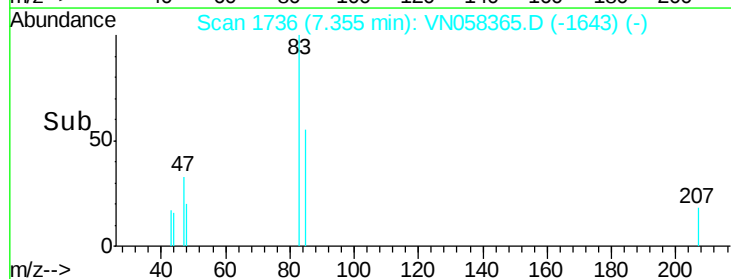
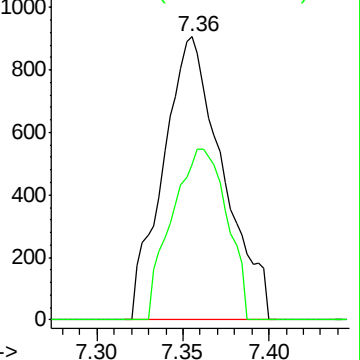
83 100

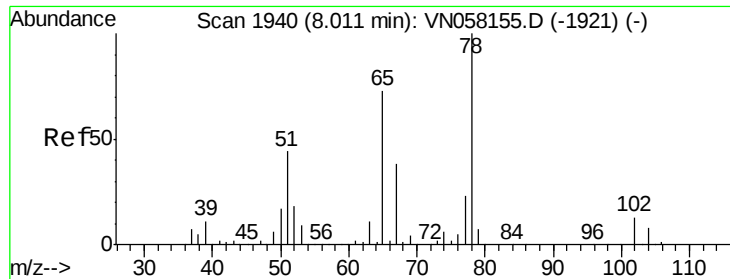
85 55.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

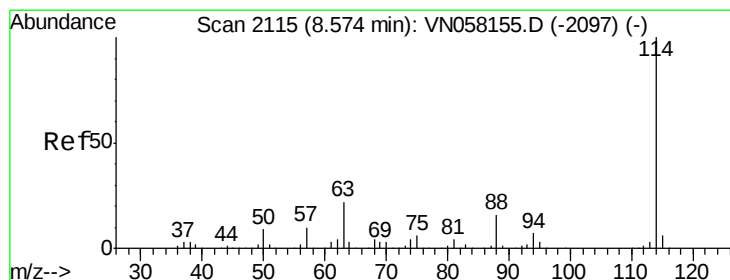
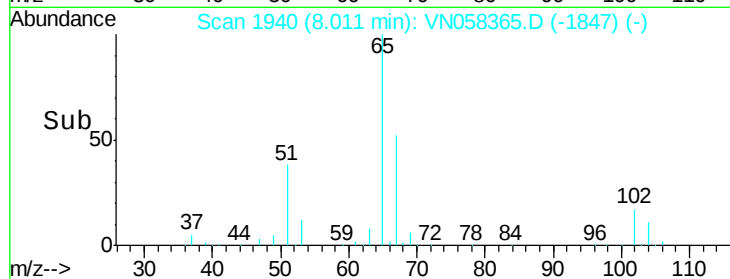
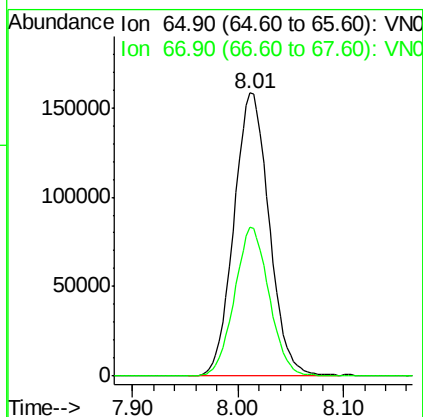
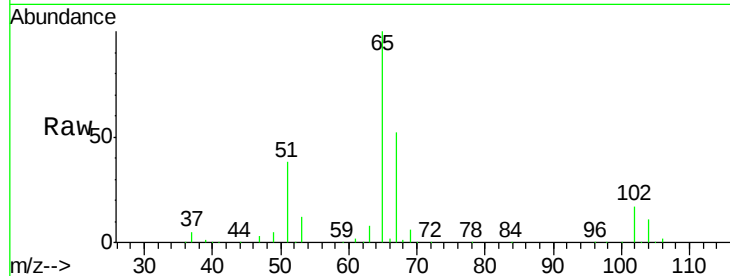




#33
 1,2-Dichloroethane-d4
 Concen: 54.056 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058365.D
 Acq: 25 Sep 2019 14:27

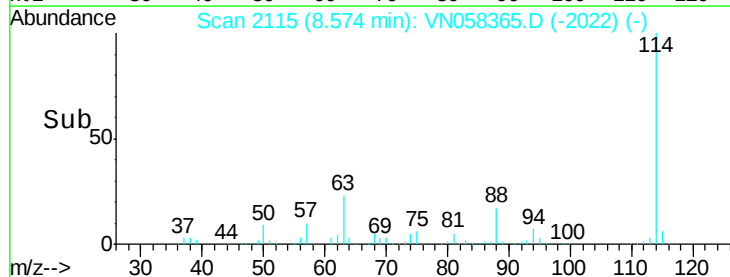
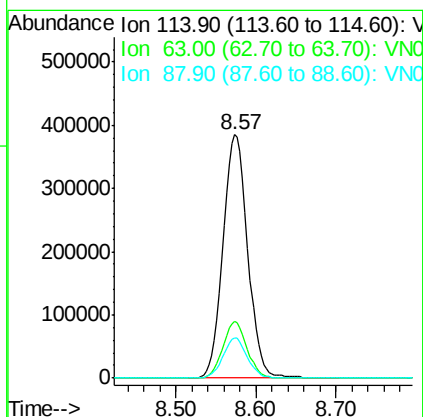
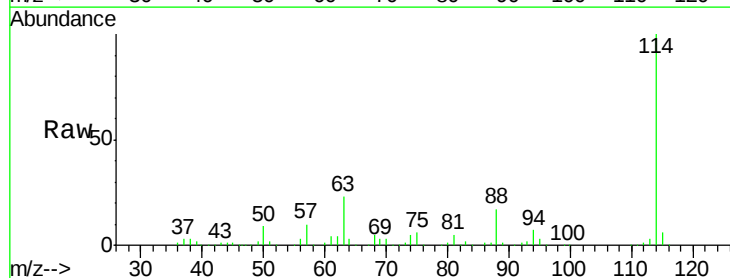
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-092419

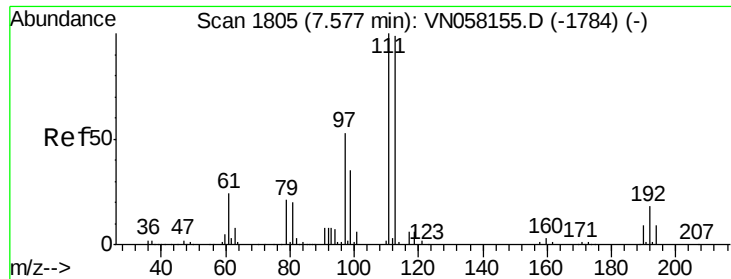
Tot Ion: 65 Resp: 367685
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058365.D
 Acq: 25 Sep 2019 14:27

Tgt Ion: 114 Resp: 817206
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 44.2
 88 16.6 0.0 31.6

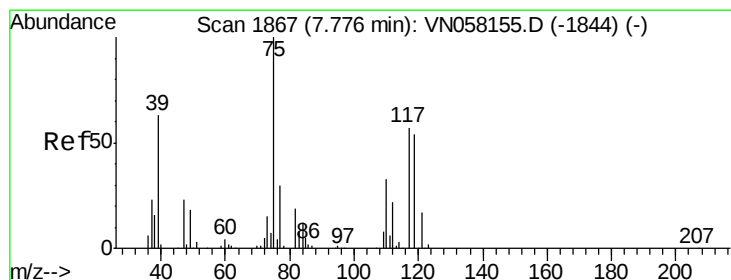
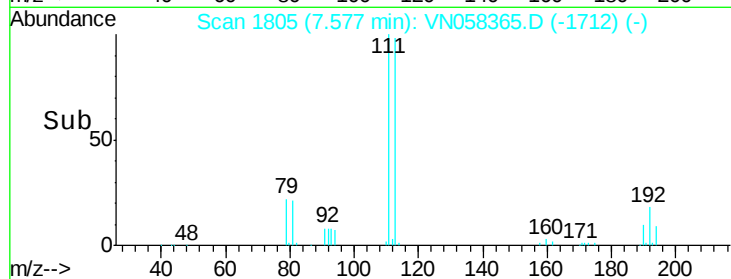
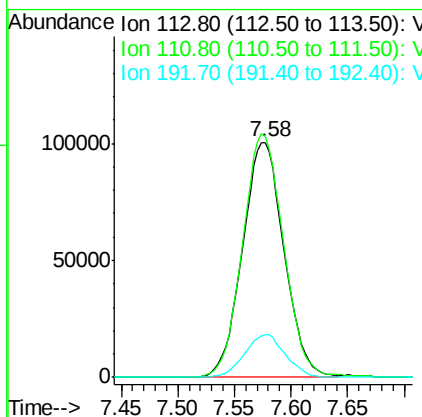
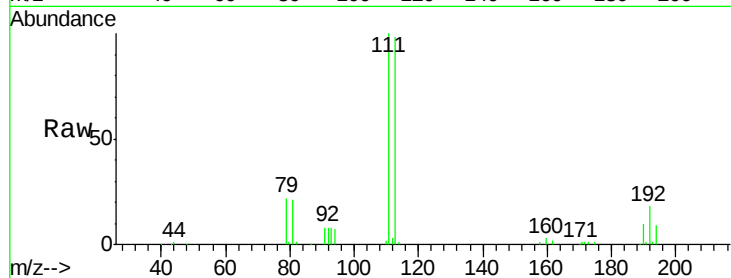




#35
 Dibromofluoromethane
 Concen: 51.507 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058365.D
 Acq: 25 Sep 2019 14:27

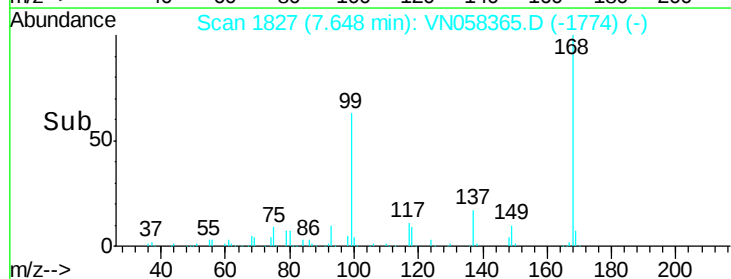
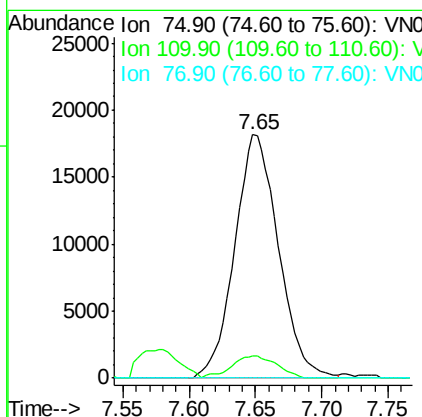
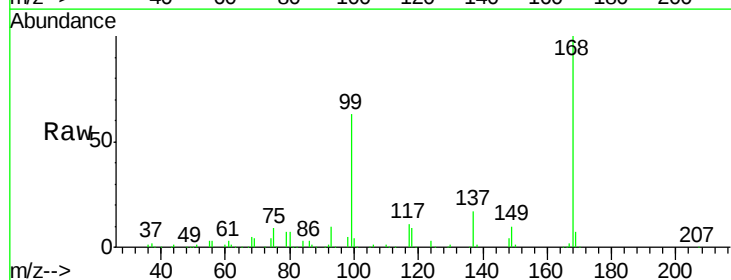
Instrument :
 MSVOA_N
 ClientSampled :
 BU-02-092419

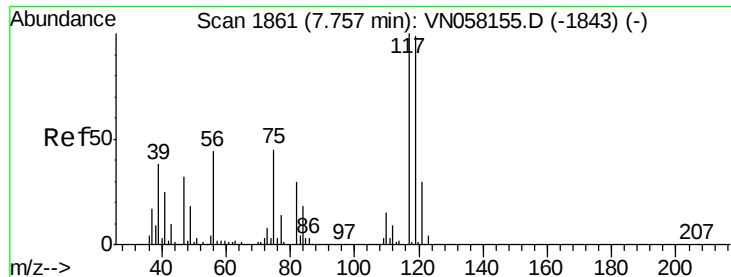
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	17.8	14.5	21.7



#36
 1,1-Dichloropropene
 Concen: 7.084 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058365.D
 Acq: 25 Sep 2019 14:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.6	49.7#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 8.845 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

BU-02-092419

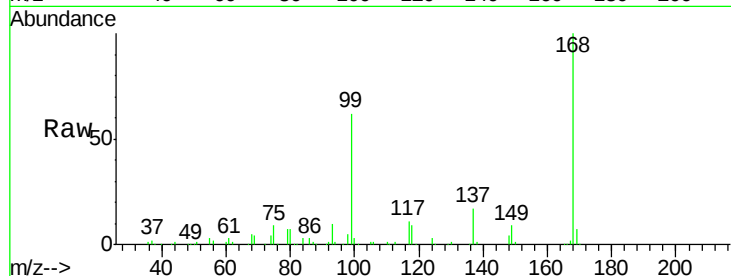
Tot Ion:117 Resp: 52398

Ion Ratio Lower Upper

117 100

119 3.9 78.6 117.8#

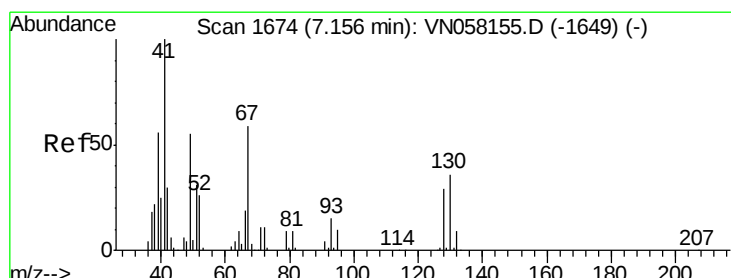
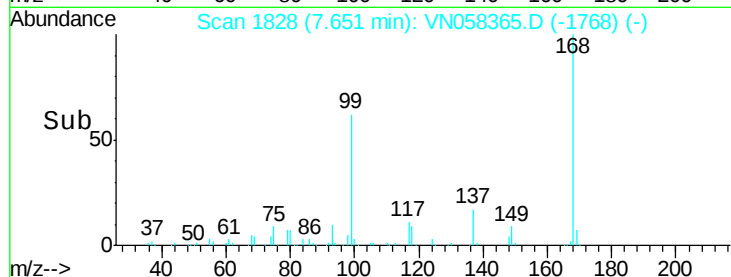
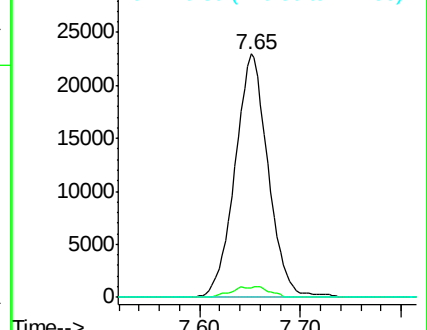
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.931 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.02 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Tgt Ion: 41 Resp: 62

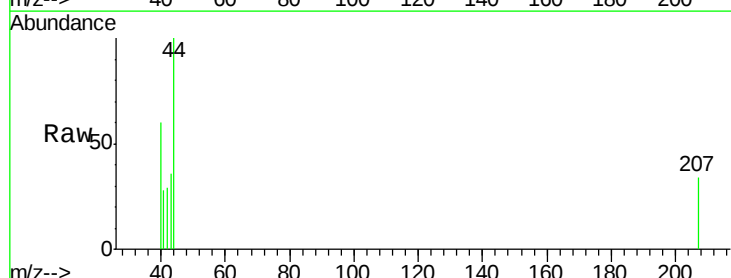
Ion Ratio Lower Upper

41 100

39 46.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

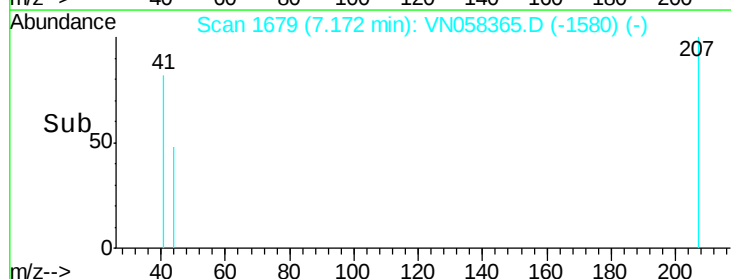
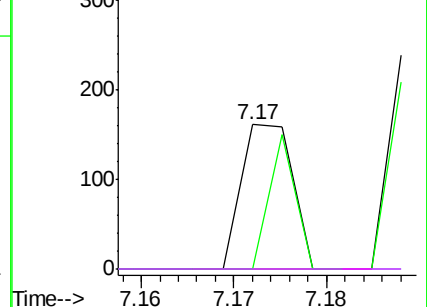


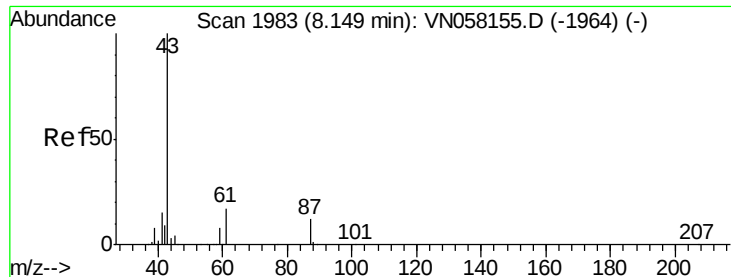
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V



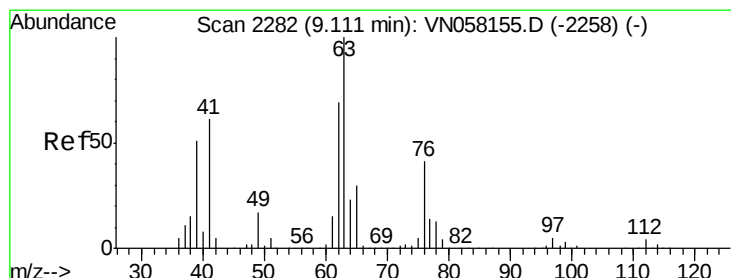
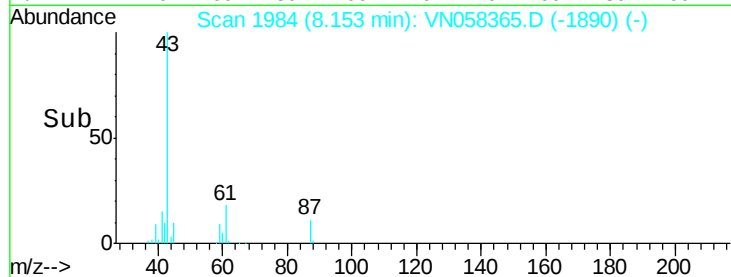
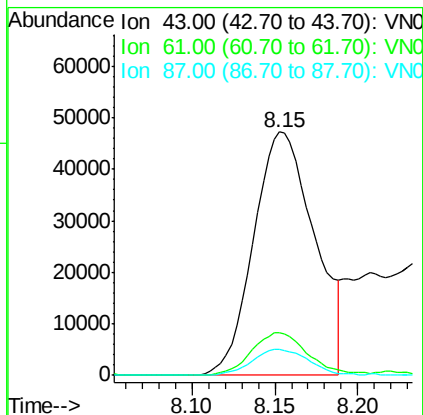
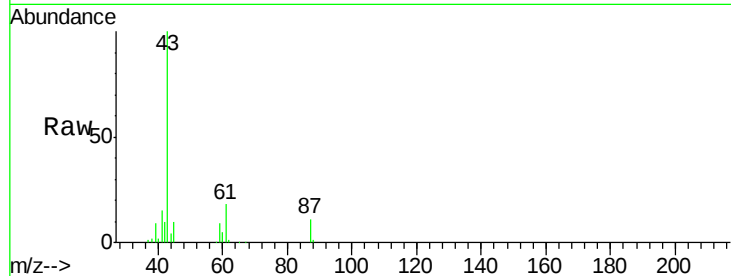


#43

Isopropyl Acetate
 Concen: 10.609 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058365.D
 Acq: 25 Sep 2019 14:27

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-092419

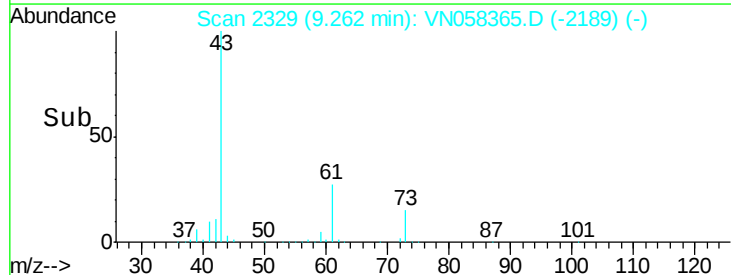
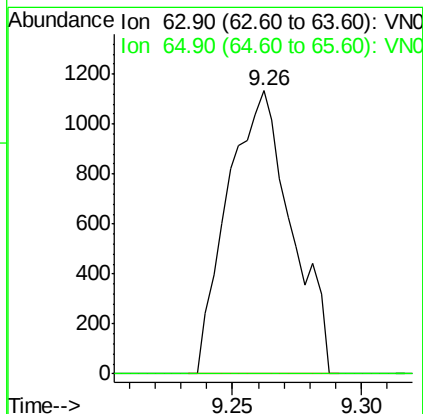
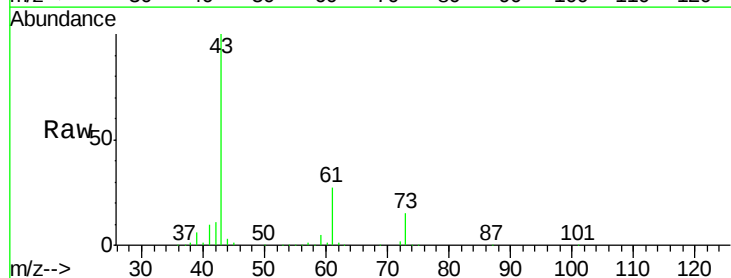
Tot Ion: 43 Resp: 121178
 Ion Ratio Lower Upper
 43 100
 61 16.2 19.7 29.5#
 87 9.8 9.4 14.2

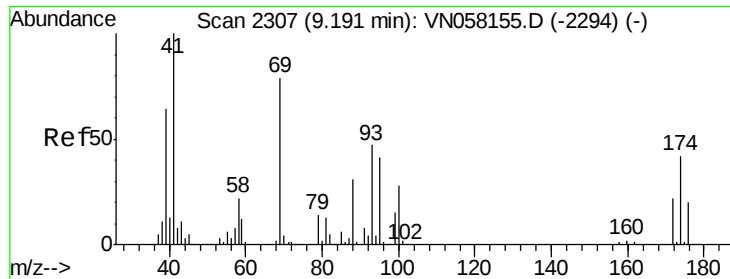


#45

1,2-Dichloropropane
 Concen: 0.364 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN058365.D
 Acq: 25 Sep 2019 14:27

Tgt Ion: 63 Resp: 1956
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.8 35.6#

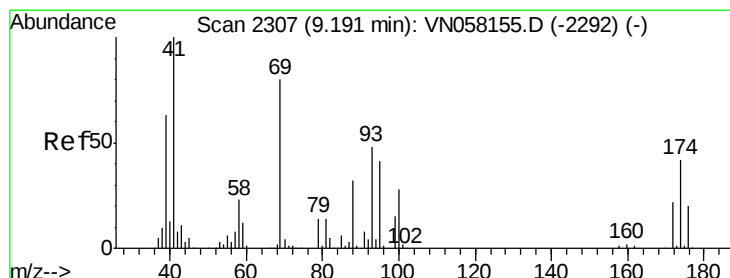
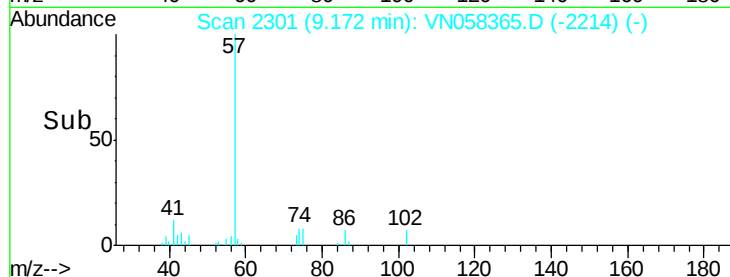
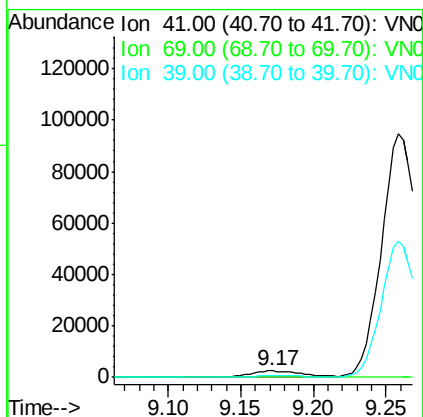
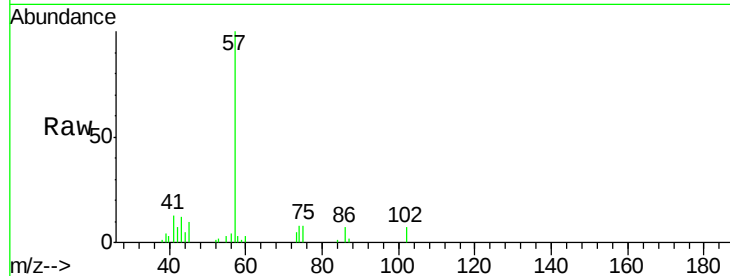




#48
Methvl methacrylate
Concen: 1.256 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

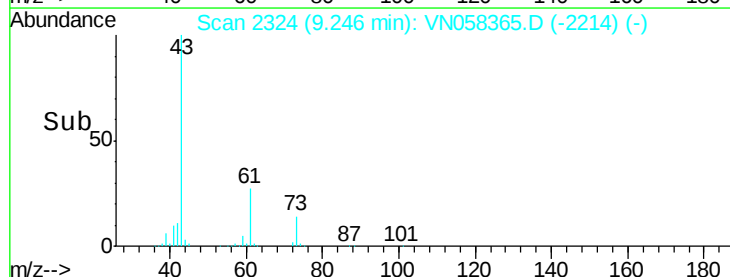
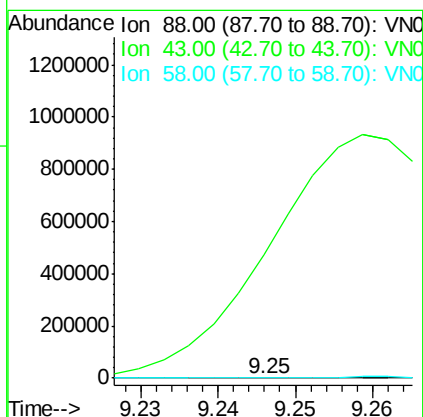
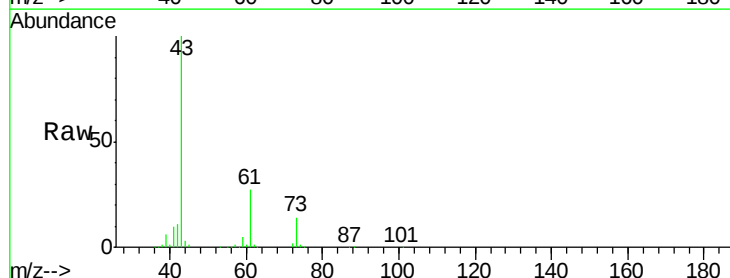
Instrument :
MSVOA_N
ClientSampleId :
BU-02-092419

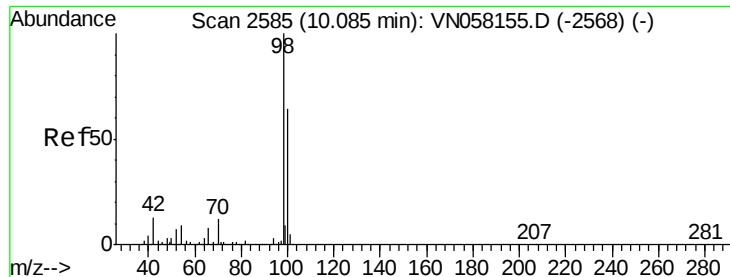
Tot Ion: 41 Resp: 6512
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#



#49
1,4-Dioxane
Concen: 1.304 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.05 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 1543239.6 27.8 41.8#
58 6902.7 55.0 82.4#





#50

Toluene-d8

Concen: 53.881 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

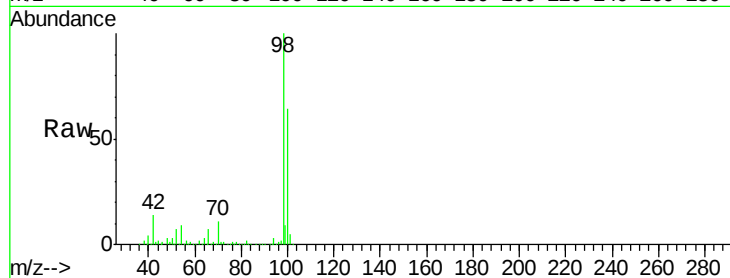
BU-02-092419

Tot Ion: 98 Resp: 1042918

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

600000

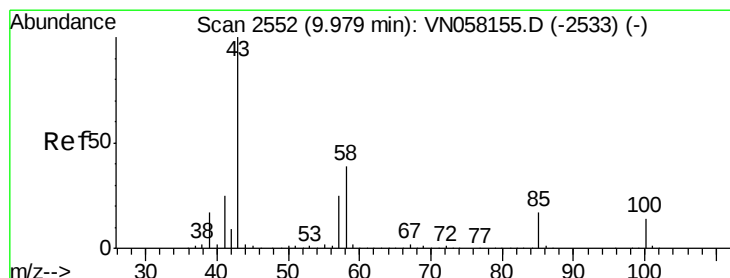
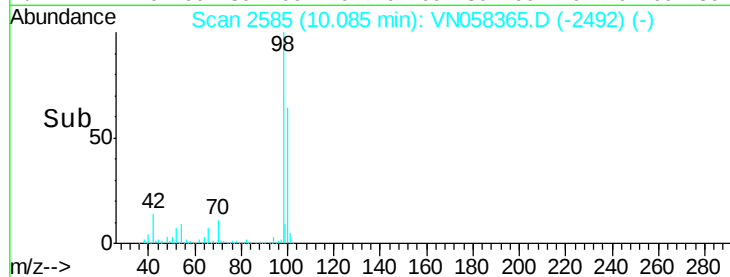
10.09

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.936 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058365.D

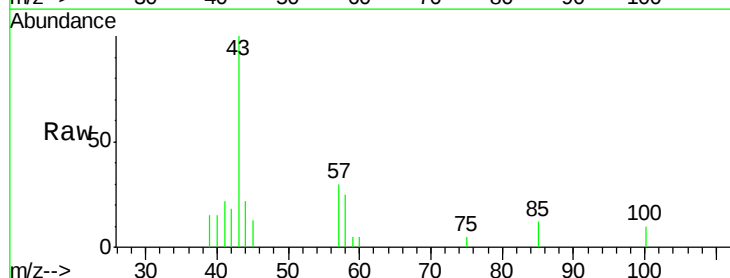
Acq: 25 Sep 2019 14:27

Tgt Ion: 43 Resp: 5676

Ion Ratio Lower Upper

43 100

58 44.0 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

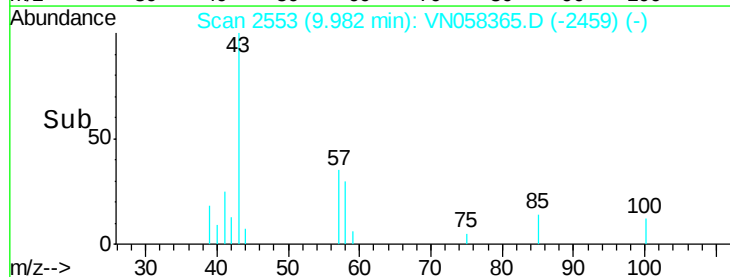
6000

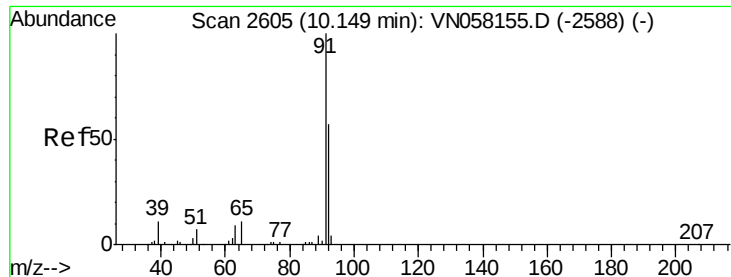
4000

2000

0

Time-->





#52

Toluene

Concen: 0.230 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

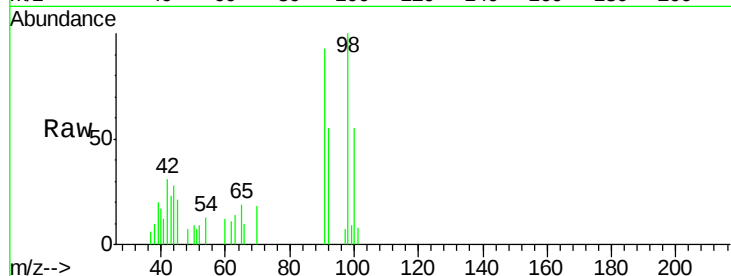
BU-02-092419

Tot Ion: 92 Resp: 2591

Ion Ratio Lower Upper

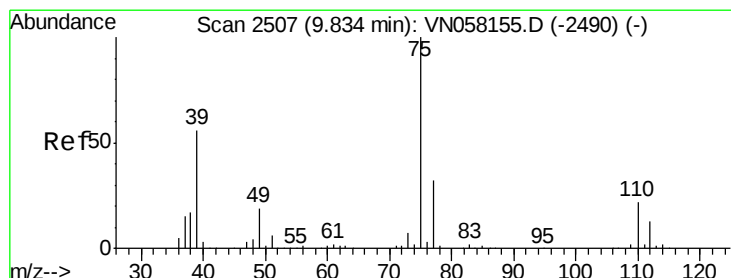
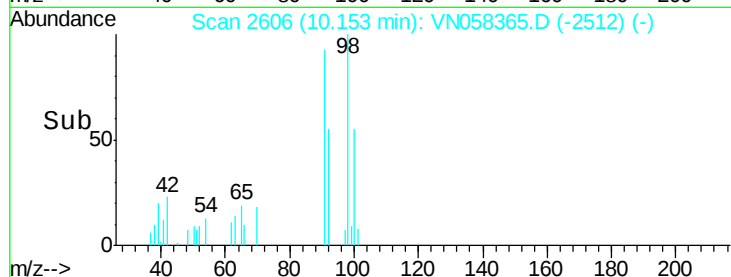
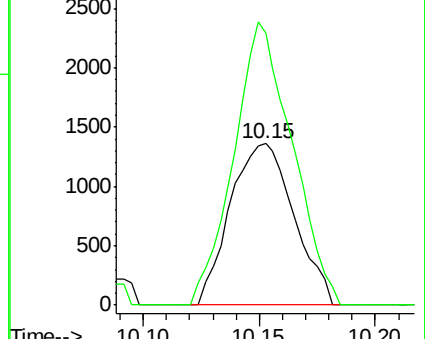
92 100

91 161.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.525 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

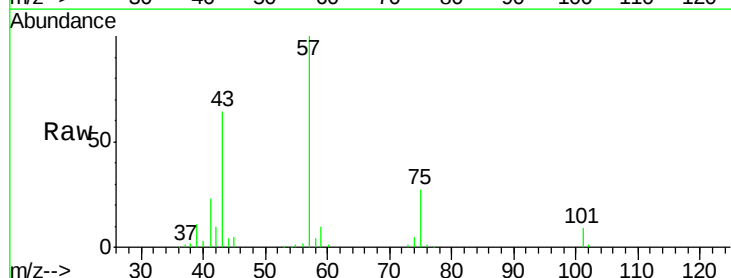
Tgt Ion: 75 Resp: 42784

Ion Ratio Lower Upper

75 100

77 0.8 25.4 38.0#

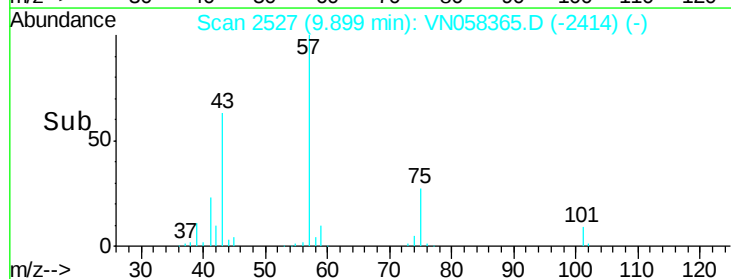
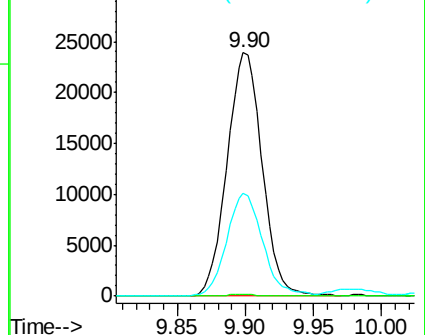
39 42.4 45.0 67.6#

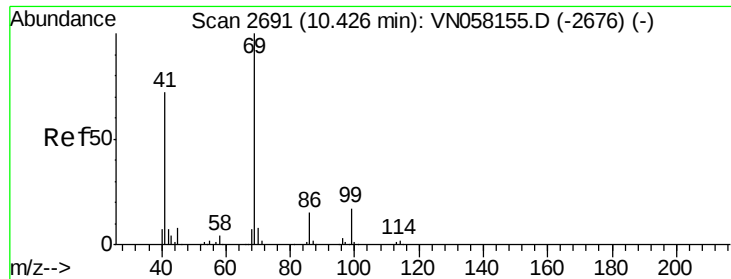


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.233 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

BU-02-092419

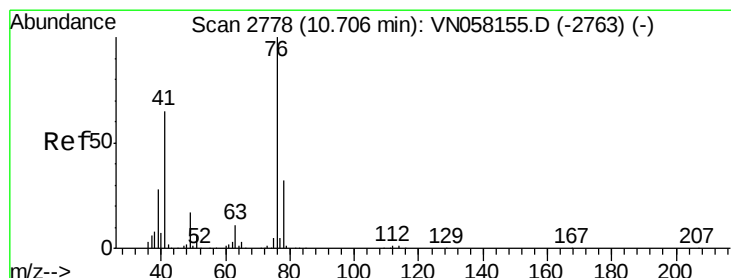
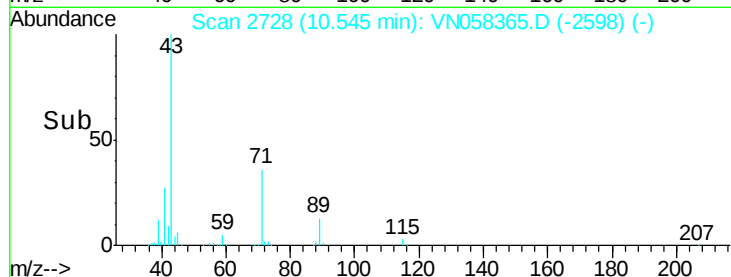
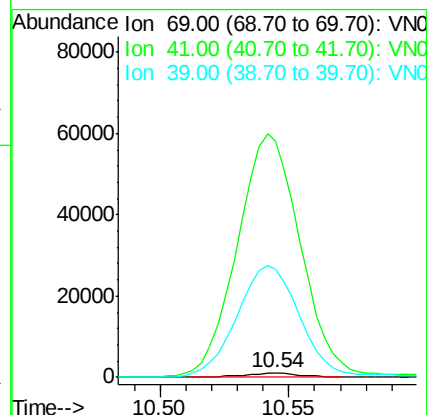
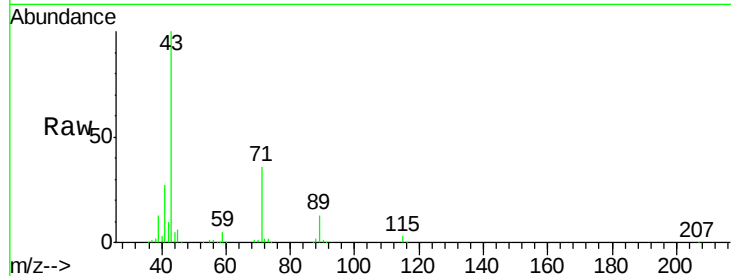
Tot Ion: 69 Resp: 1682

Ion Ratio Lower Upper

69 100

41 6145.1 57.5 86.3#

39 2825.0 36.1 54.1#



#57

1,3-Dichloropropane

Concen: 0.722 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058365.D

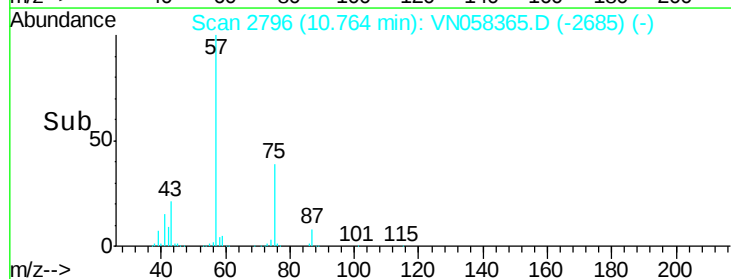
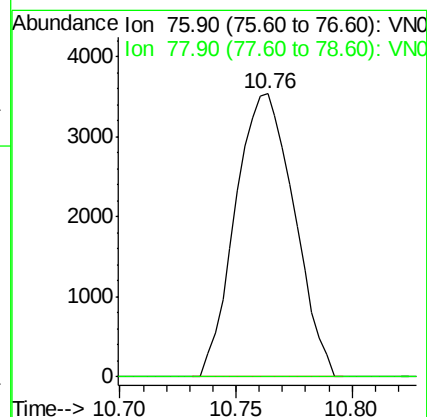
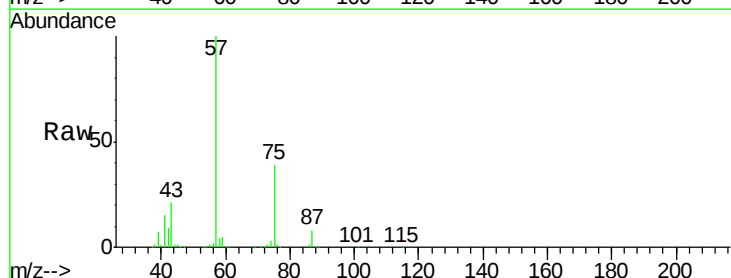
Acq: 25 Sep 2019 14:27

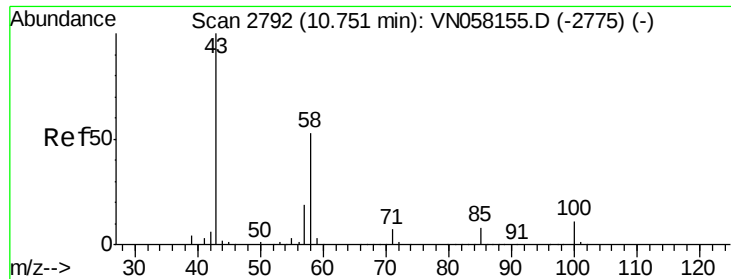
Tgt Ion: 76 Resp: 6216

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#

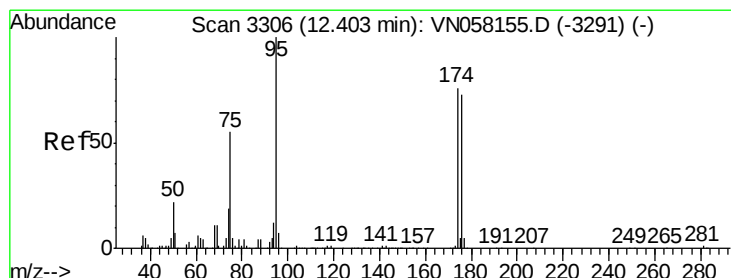
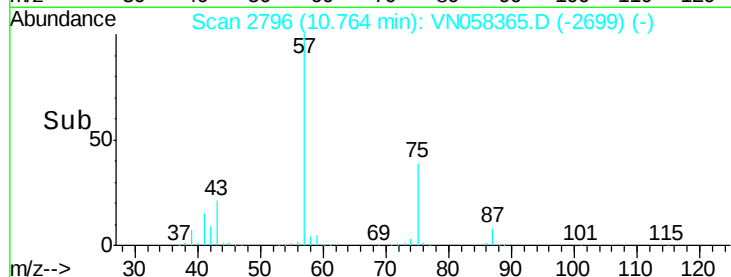
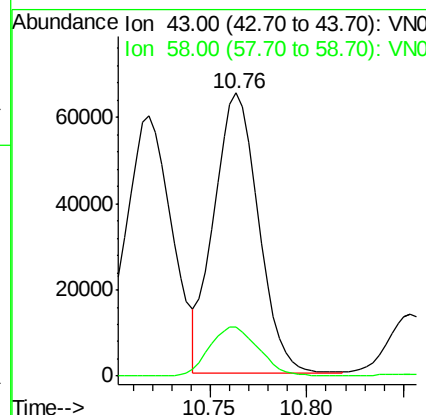
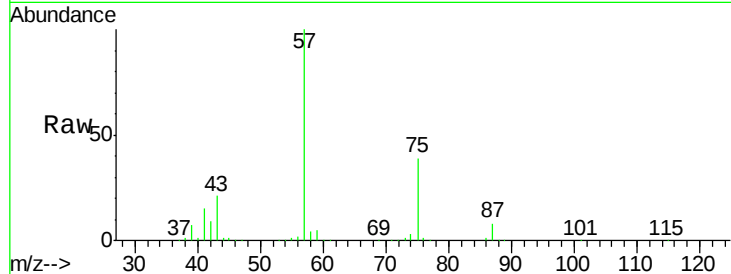




#59
2-Hexanone
Concen: 23.166 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

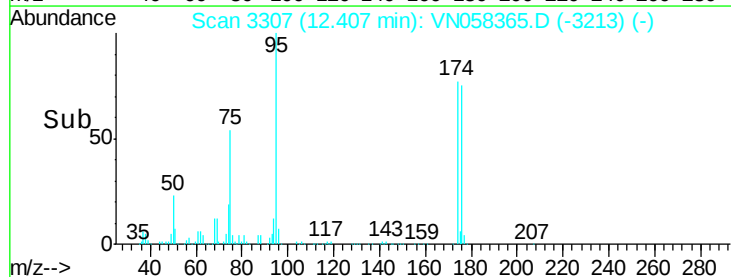
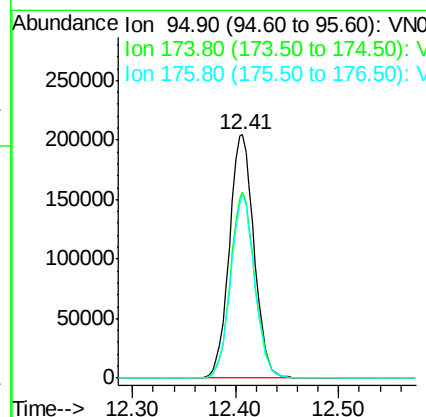
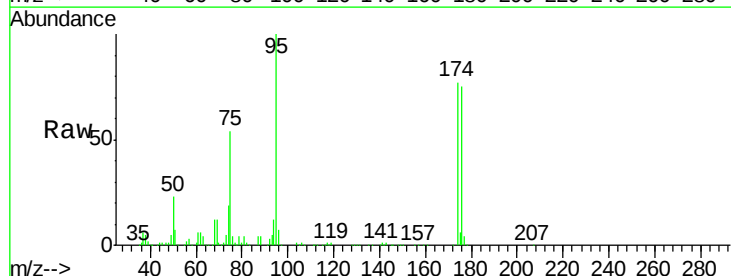
Instrument :
MSVOA_N
ClientSampled :
BU-02-092419

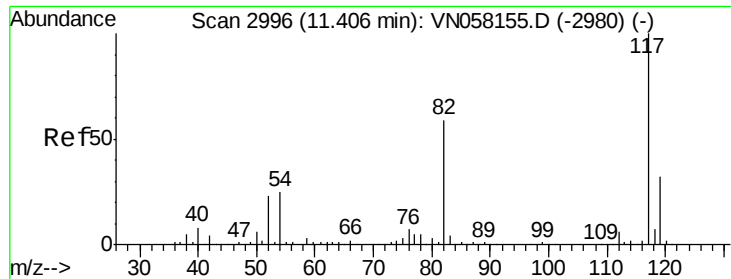
Tot Ion: 43 Resp: 104381
Ion Ratio Lower Upper
43 100
58 19.3 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 47.391 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

Tgt Ion: 95 Resp: 340745
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.2
176 73.0 0.0 148.0

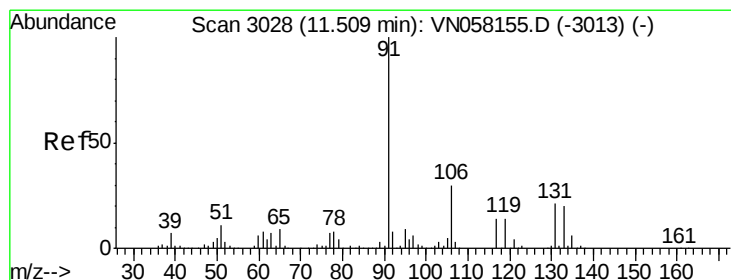
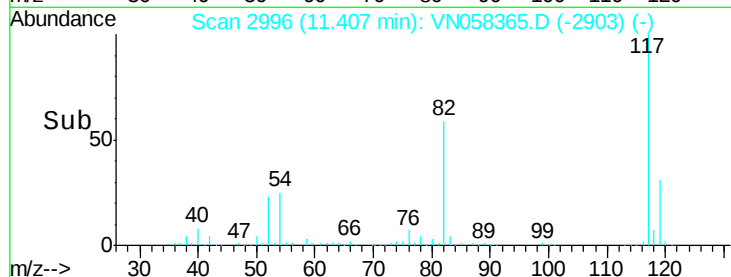
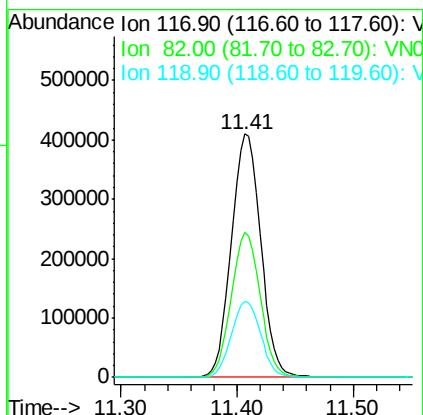
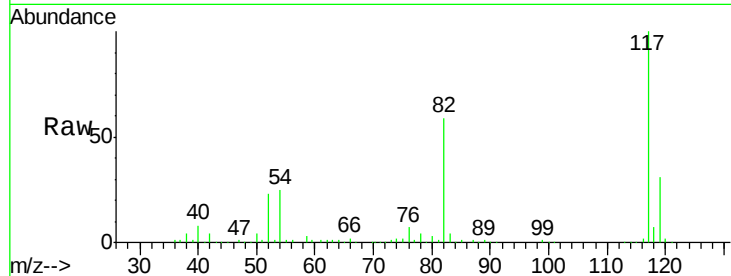




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

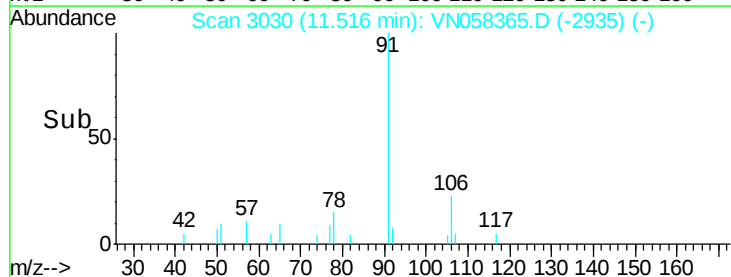
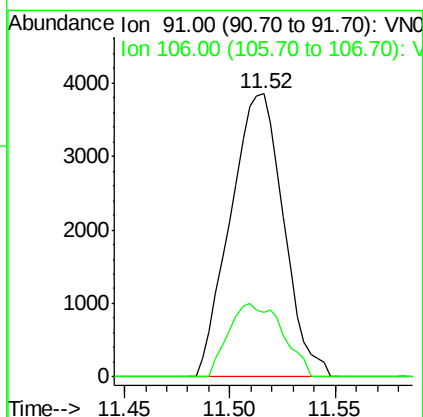
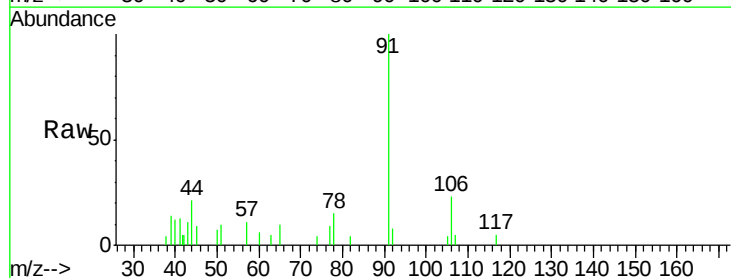
Instrument :
MSVOA_N
ClientSampled :
BU-02-092419

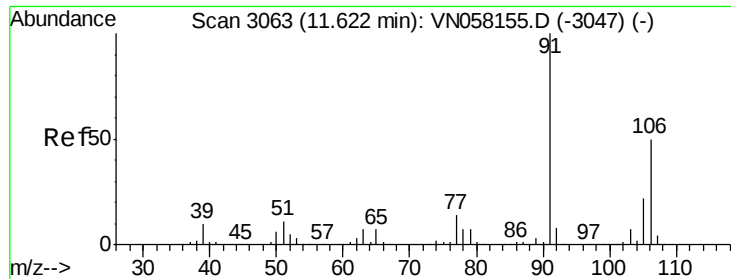
Tot Ion:117 Resp: 717323
Ion Ratio Lower Upper
117 100
82 59.3 46.9 70.3
119 31.3 25.3 37.9



#67
Ethyl Benzene
Concen: 0.312 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.01 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

Tgt Ion: 91 Resp: 6751
Ion Ratio Lower Upper
91 100
106 22.9 24.0 36.0#

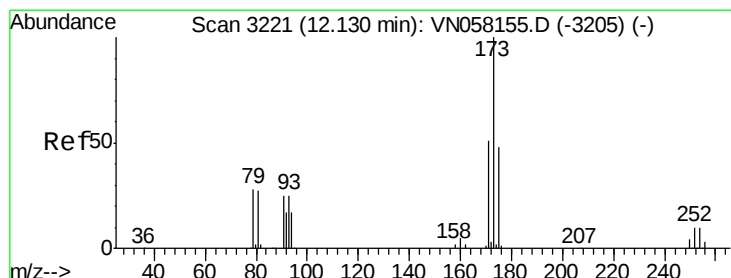
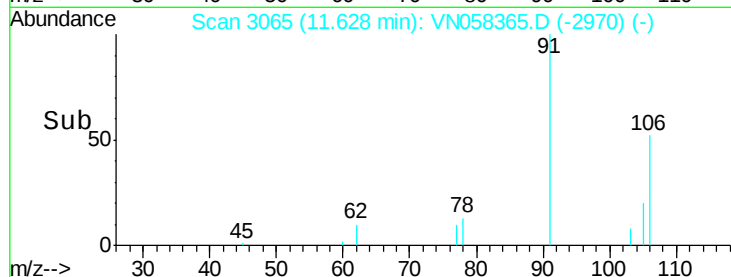
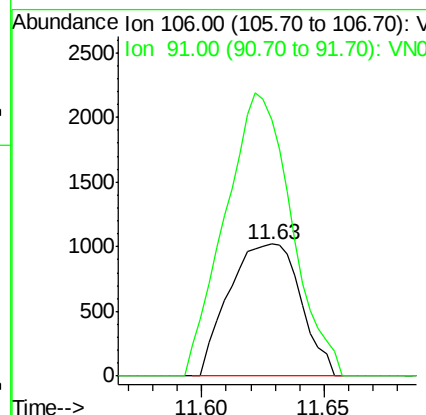
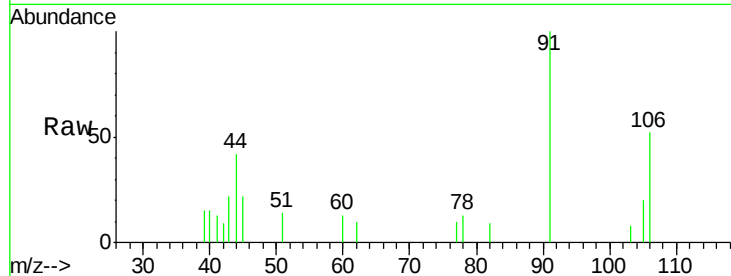




#68
m/p-Xvlenes
Concen: 0.255 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

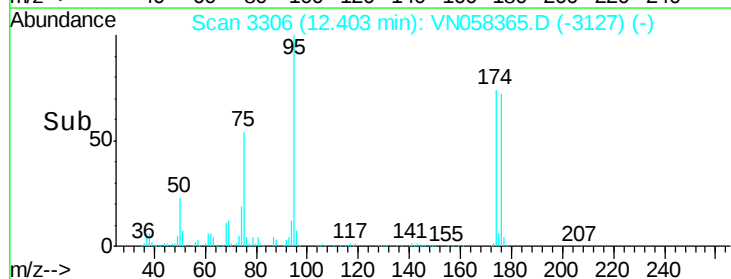
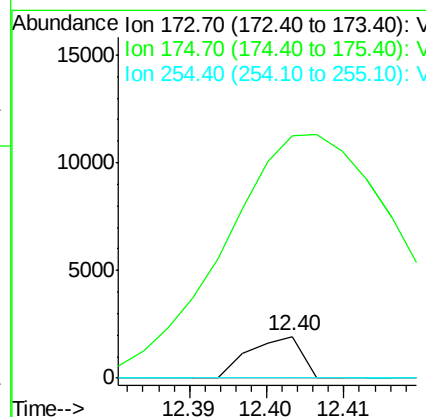
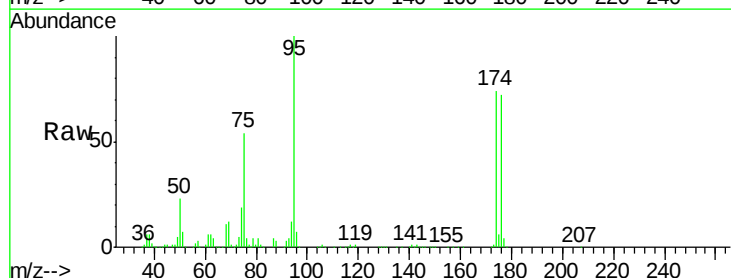
Instrument :
MSVOA_N
ClientSampled :
BU-02-092419

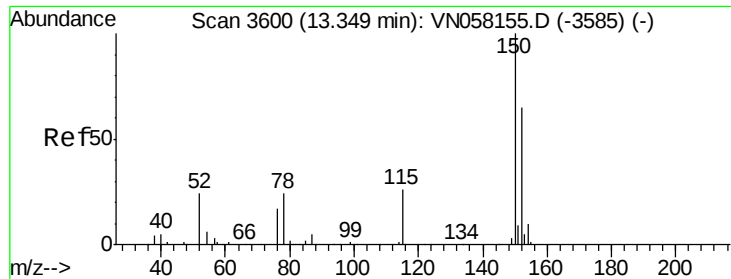
Tot Ion:106 Resp: 2078
Ion Ratio Lower Upper
106 100
91 198.8 163.6 245.4



#71
Bromoform
Concen: 3.843 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058365.D
Acq: 25 Sep 2019 14:27

Tgt Ion:173 Resp: 905
Ion Ratio Lower Upper
173 100
175 1738.5 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

BU-02-092419

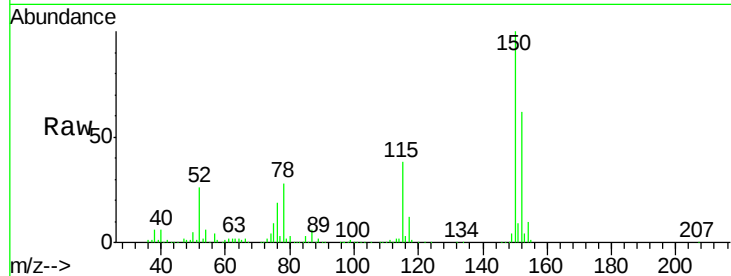
Tot Ion:152 Resp: 289235

Ion Ratio Lower Upper

152 100

115 62.6 30.1 90.3

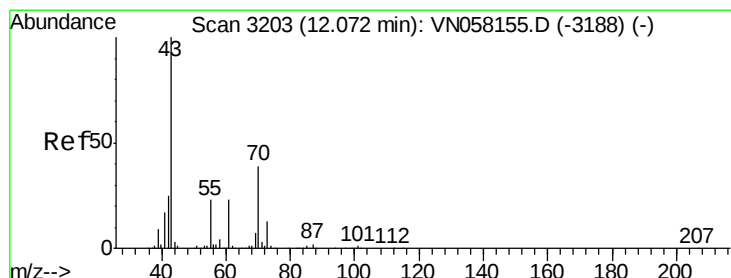
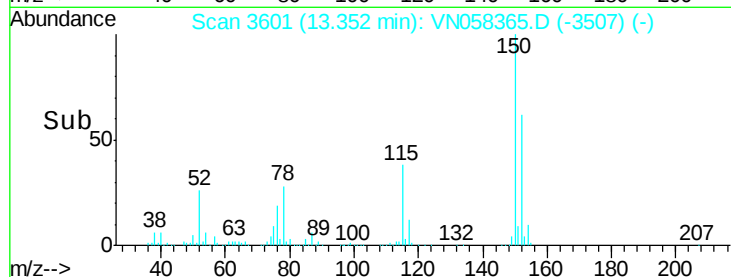
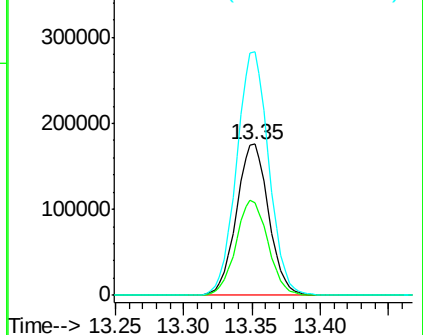
150 160.6 0.0 346.4



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-ethyl acetate

Concen: 0.275 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Tgt Ion: 43 Resp: 2085

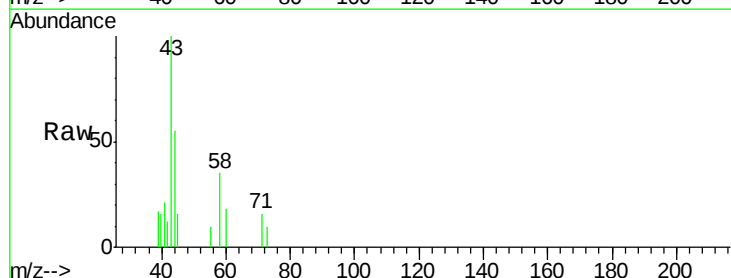
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 9.6 18.5 27.7#

61 0.0 18.2 27.2#

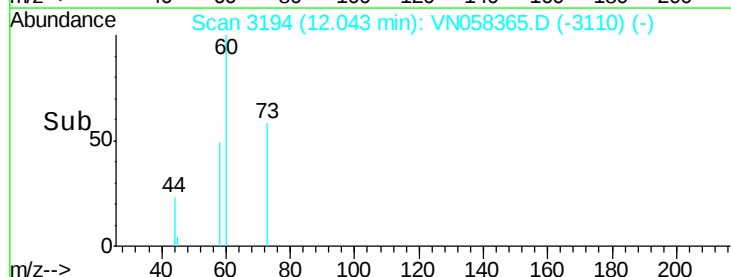
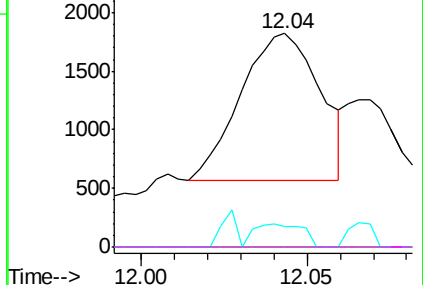


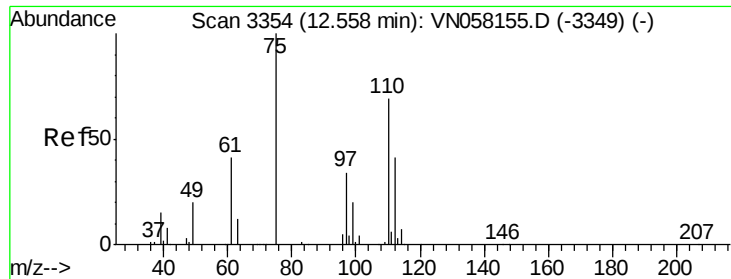
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 36.293 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

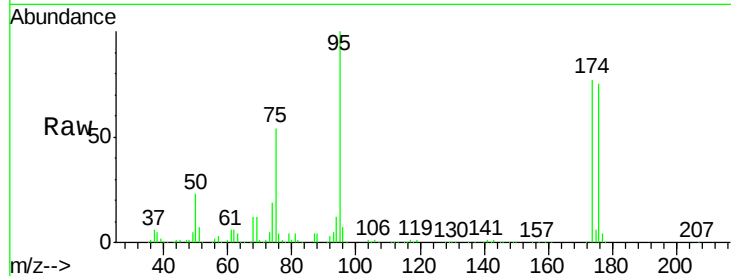
BU-02-092419

Tot Ion: 75 Resp: 187867

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058155.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058155.D (-3349) (-)

12.41

100000

80000

60000

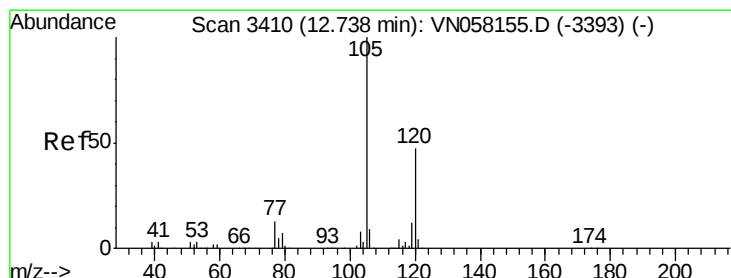
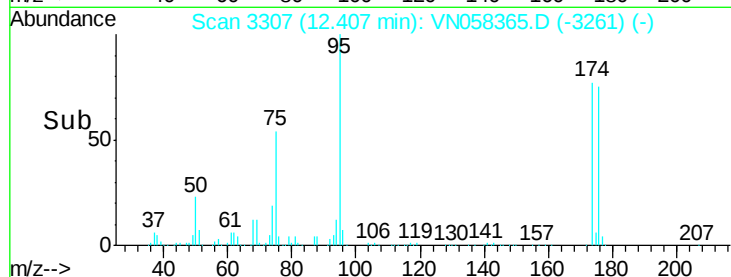
40000

20000

0

12.40 12.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.415 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058365.D

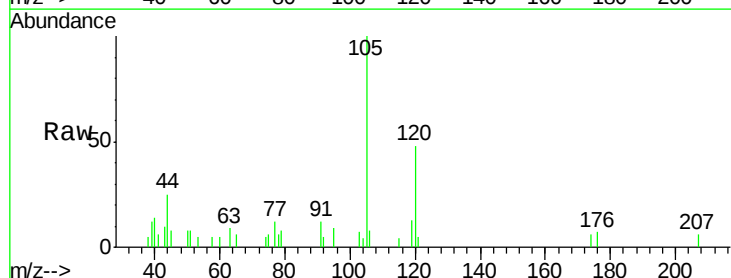
Acq: 25 Sep 2019 14:27

Tgt Ion:105 Resp: 6358

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058155.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN058155.D (-3393) (-)

12.74

4000

3000

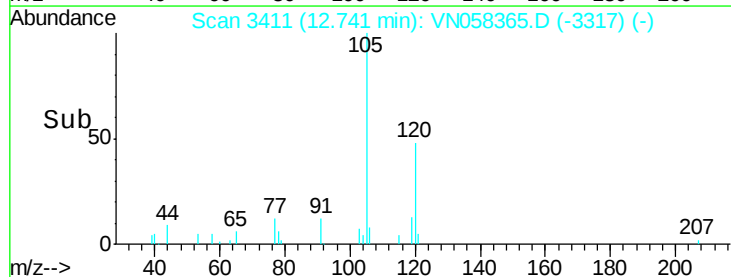
2000

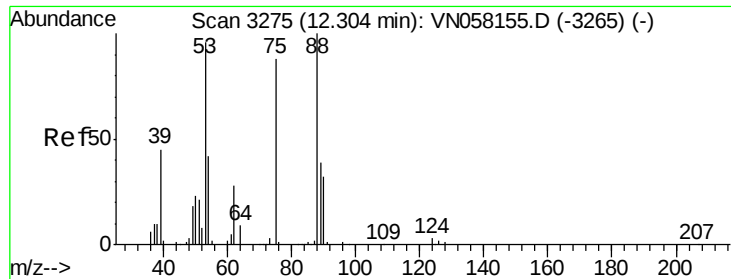
1000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 101.311 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

BU-02-092419

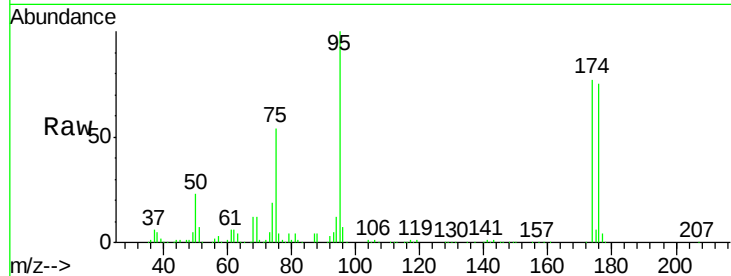
Tot Ion: 75 Resp: 187867

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

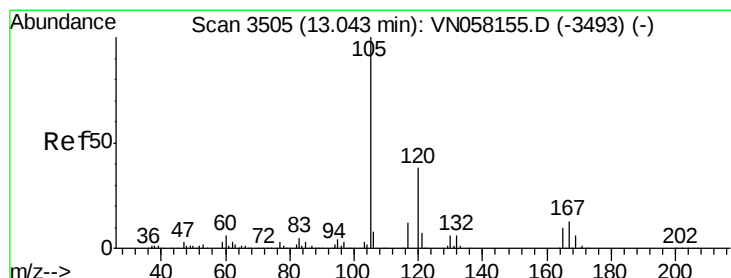
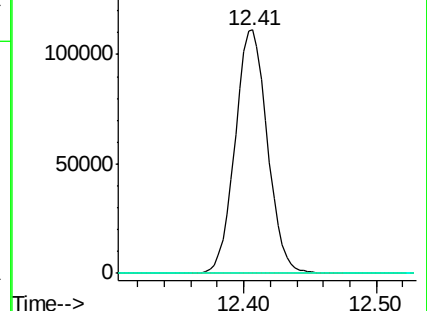
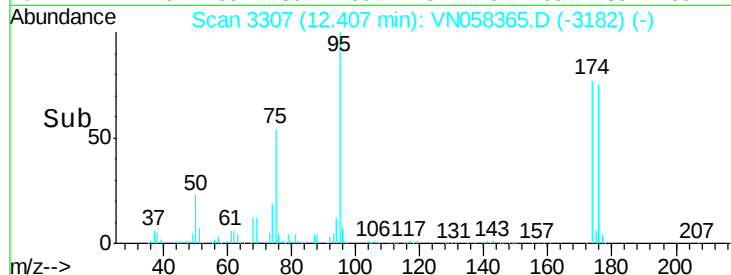
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN058365.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058365.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058365.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.613 ug/l

RT: 13.05 min Scan# 3507

Delta R.T. 0.01 min

Lab File: VN058365.D

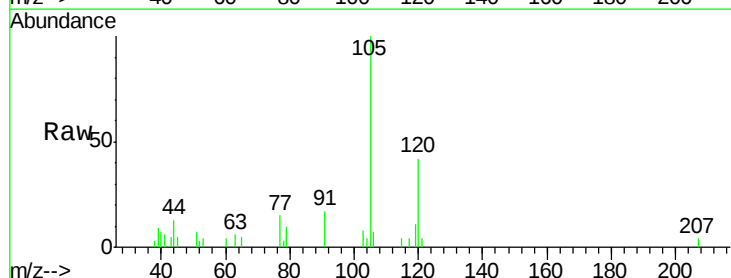
Acq: 25 Sep 2019 14:27

Tgt Ion: 105 Resp: 9339

Ion Ratio Lower Upper

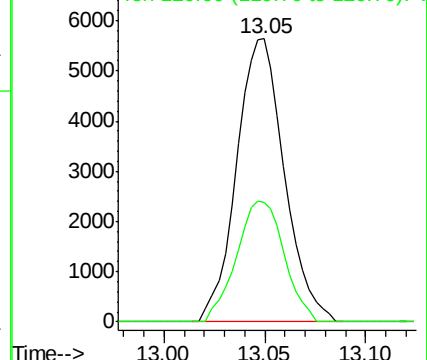
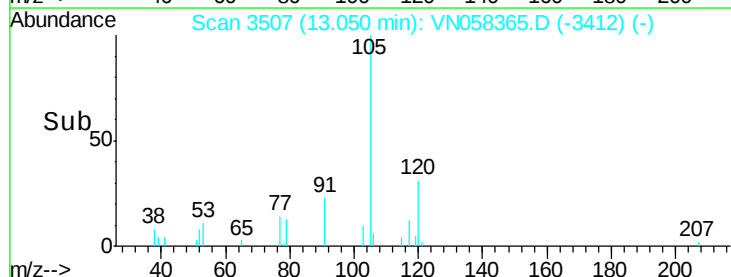
105 100

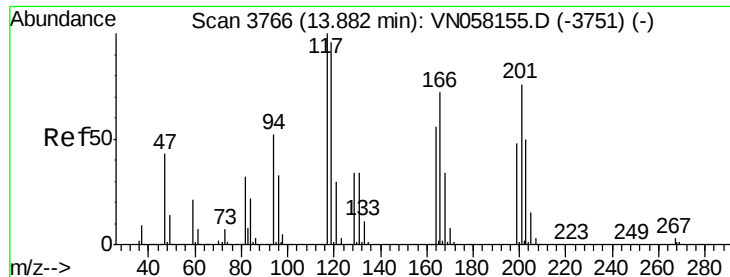
120 42.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN058365.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN058365.D (-3412) (-)





#90

Hexachloroethane

Concen: 2.962 ug/l

RT: 13.90 min Scan# 3772

Delta R.T. 0.02 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

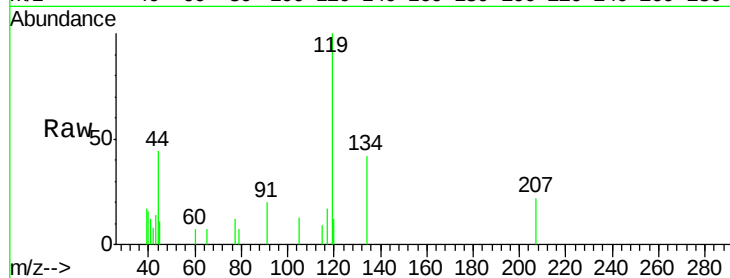
BU-02-092419

Tot Ion:117 Resp: 412

Ion Ratio Lower Upper

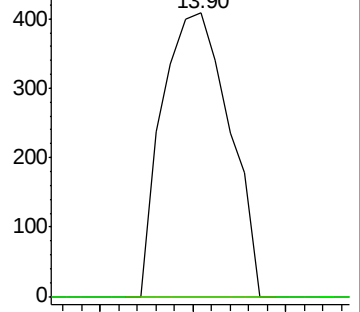
117 100

201 0.0 37.5 112.5#

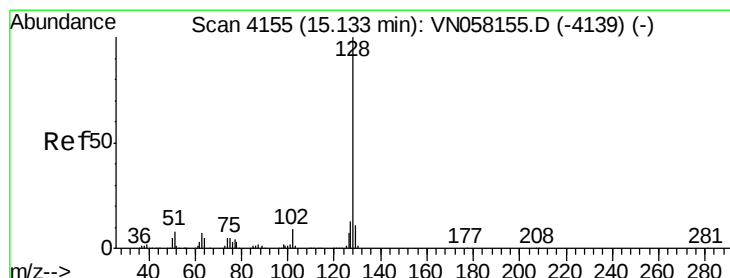
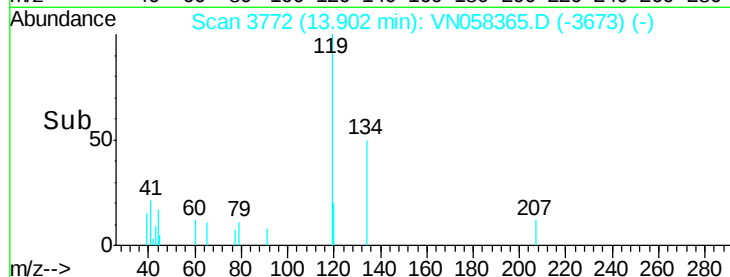


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->



#95

Naphthalene

Concen: 7.937 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058365.D

Acq: 25 Sep 2019 14:27

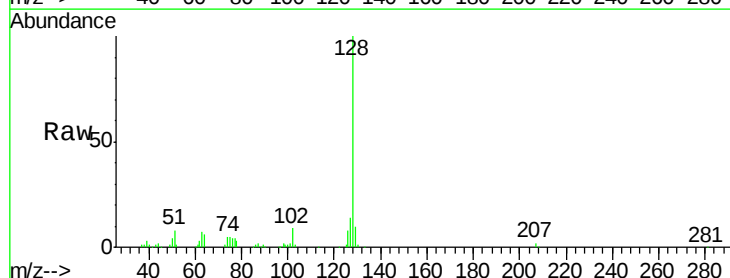
Tgt Ion:128 Resp: 109654

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

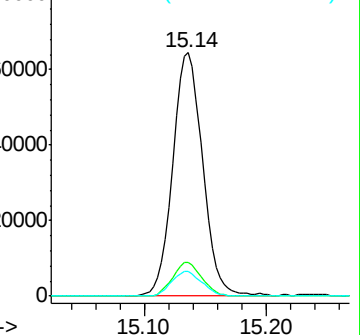
129 10.3 8.6 12.8



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



Time-->

