

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058222.D
 Acq On : 19 Sep 2019 22:12
 Operator : JC/SP
 Sample : K4940-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40278

Quant Time: Sep 20 04:26:34 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	519322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	845703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	734992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	371480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	349292	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.57	113	245417	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.09	98	1009447	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	387359	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	854	Below Cal	#	54
4) Vinyl Chloride	2.18	62	69	Below Cal	#	1
5) Bromomethane	2.56	94	174	0.813	ug/l #	4
6) Chloroethane	2.64	64	61	Below Cal	#	44
11) Tert butyl alcohol	4.75	59	84662	98.398	ug/l	99
13) Acrolein	3.78	56	137	1.074	ug/l #	15
14) Allyl chloride	4.03	41	33873	4.931	ug/l #	61
16) Acetone	3.79	43	2066048	841.493	ug/l	98
17) Carbon Disulfide	4.04	76	39268	8.979	ug/l	99
18) Methyl Acetate	4.31	43	72102	11.160	ug/l	99
20) Methylene Chloride	4.53	84	3466	0.587	ug/l #	90
25) 2-Butanone	6.82	43	165266	49.408	ug/l	99
30) Chloroform	7.35	83	5459	0.545	ug/l	99
31) Cyclohexane	7.64	56	13354	Below Cal	#	13
36) 1,1-Dichloropropene	7.65	75	43741	7.172	ug/l #	50
37) Ethyl Acetate	6.82	43	165266	26.112	ug/l #	70
38) Carbon Tetrachloride	7.65	117	52717	8.599	ug/l #	15
40) Benzene	8.02	78	7154	0.384	ug/l	100
41) Methacrylonitrile	7.18	41	3599	2.019	ug/l #	100
43) Isopropyl Acetate	8.23	43	23745	2.009	ug/l #	57
48) Methyl methacrylate	9.16	41	10944	2.039	ug/l #	46
49) 1,4-Dioxane	9.03	88	141	1.600	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	15470	2.464	ug/l	98
52) Toluene	10.15	92	22499	1.927	ug/l	99
55) 1,1,2-Trichloroethane	10.46	97	4738	0.915	ug/l #	1
56) Ethyl methacrylate	10.40	69	1658	0.222	ug/l #	14
59) 2-Hexanone	10.75	43	43321	9.290	ug/l	97
65) Chlorobenzene	11.59	112	5503	0.426	ug/l #	53
67) Ethyl Benzene	11.51	91	9445	0.426	ug/l	97
68) m/p-Xylenes	11.62	106	18427	2.209	ug/l	94
69) o-Xylene	11.95	106	6680	0.814	ug/l	94
71) Bromoform	12.40	173	1967	4.120	ug/l #	1
74) N-amyl acetate	12.03	43	6429097	660.928	ug/l #	56
76) 1,2,3-Trichloropropane	12.40	75	206034	30.990	ug/l #	100

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

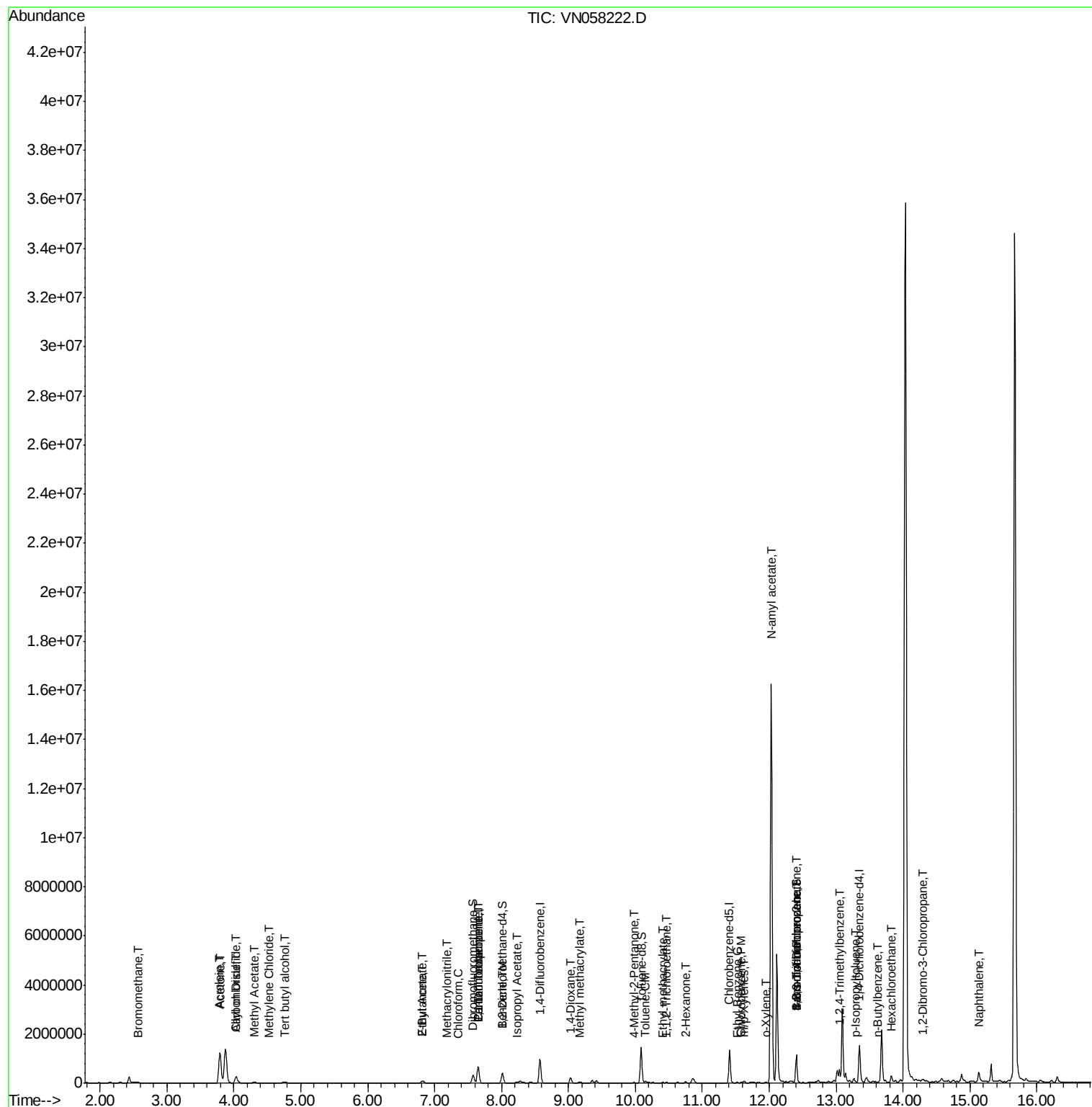
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.40	75	206034	87.353	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	12055	0.616	ug/l	89
86) p-Isopropyltoluene	13.29	119	21917	1.075	ug/l #	73
89) n-Butylbenzene	13.62	91	9749	0.504	ug/l	98
90) Hexachloroethane	13.82	117	449	2.941	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.28	75	949	0.677	ug/l #	6
95) Naphthalene	15.13	128	309530	17.444	ug/l	99

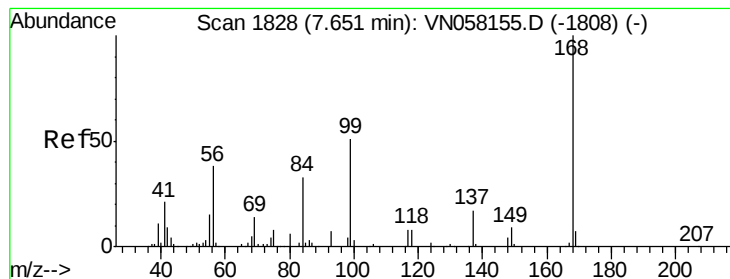
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
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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: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

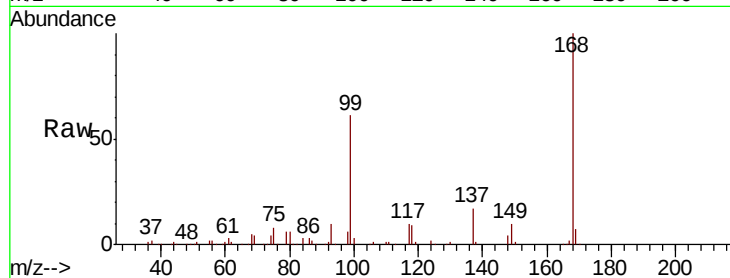
40278

Tot Ion:168 Resp: 519322

Ion Ratio Lower Upper

168 100

99 61.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

250000

200000

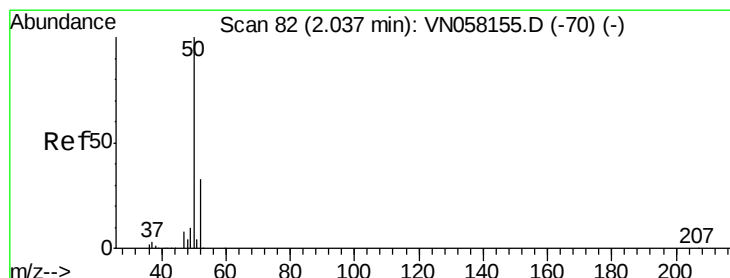
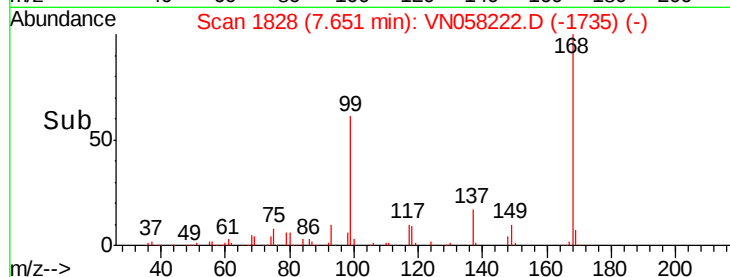
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058222.D

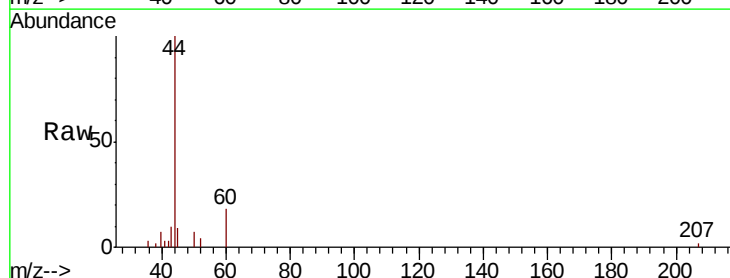
Acq: 19 Sep 2019 22:12

Tgt Ion: 50 Resp: 854

Ion Ratio Lower Upper

50 100

52 58.8 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN058155.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058155.D (-70) (-)

2.04

600

500

400

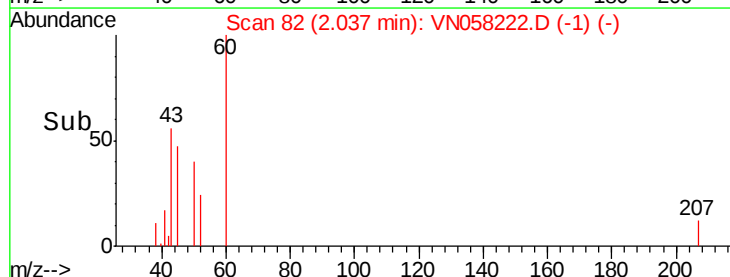
300

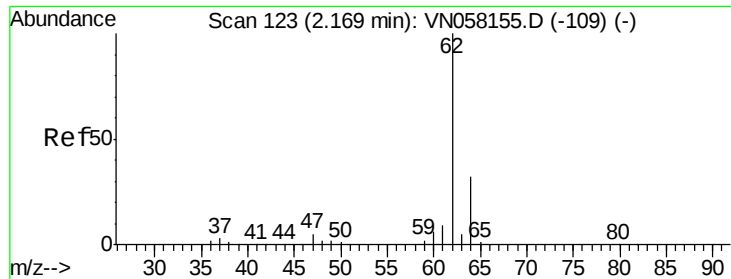
200

100

0

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 125

Delta R.T. 0.01 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampled :

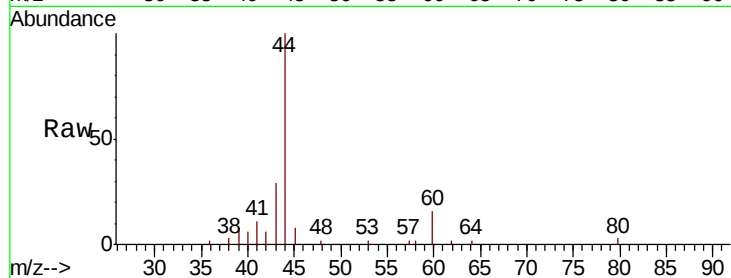
40278

Tot Ion: 62 Resp: 69

Ion Ratio Lower Upper

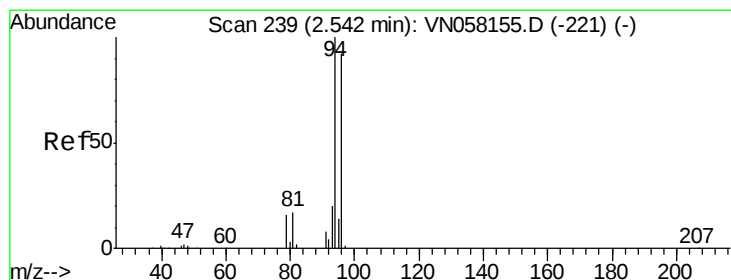
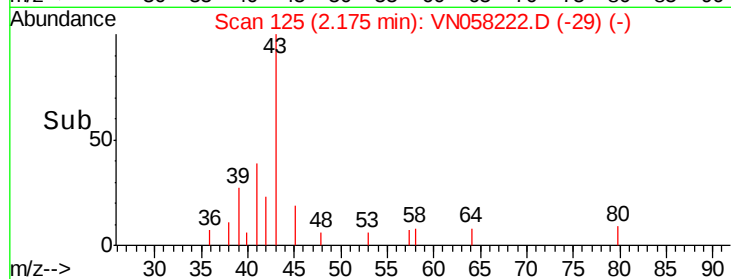
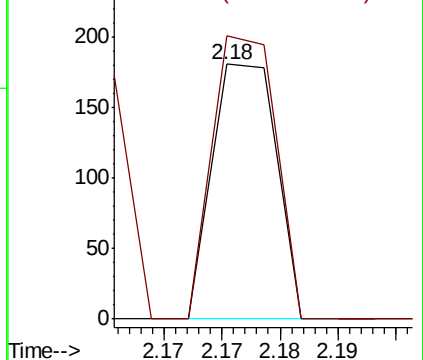
62 100

64 111.0 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#5

Bromomethane

Concen: 0.813 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN058222.D

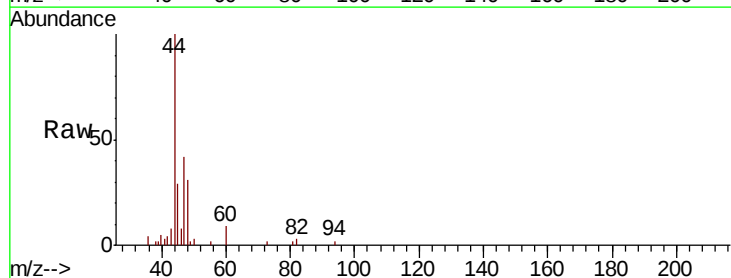
Acq: 19 Sep 2019 22:12

Tgt Ion: 94 Resp: 174

Ion Ratio Lower Upper

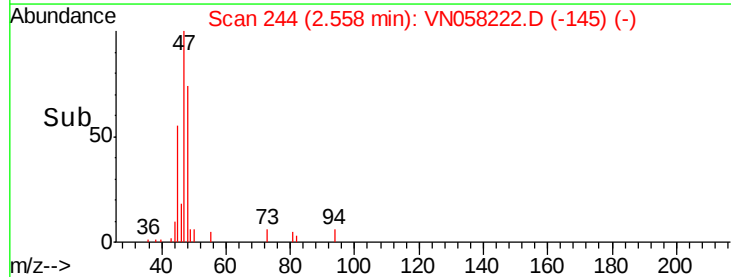
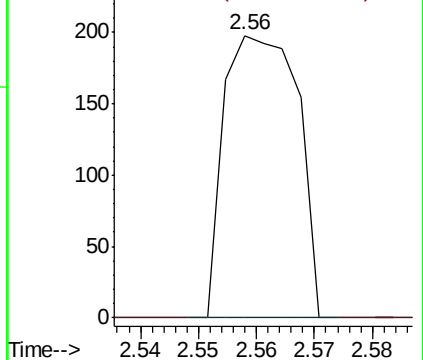
94 100

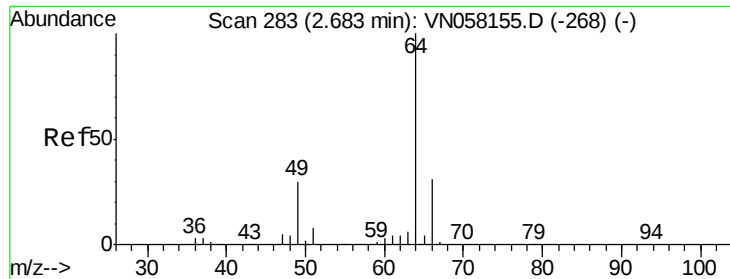
96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC





#6

Chloroethane

Concen: Below Cal

RT: 2.64 min Scan# 268

Delta R.T. -0.05 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

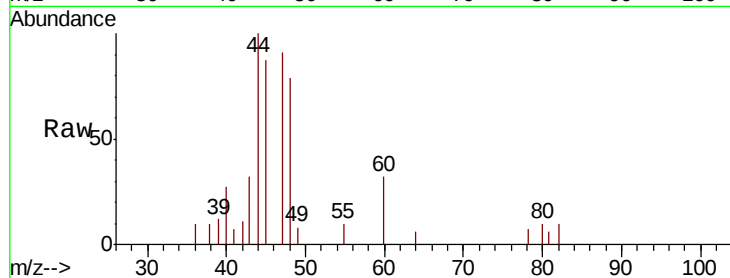
40278

Tot Ion: 64 Resp: 61

Ion Ratio Lower Upper

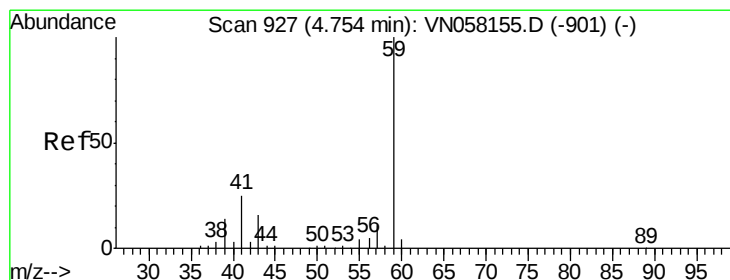
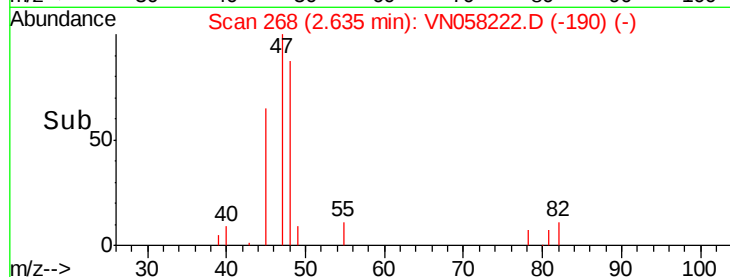
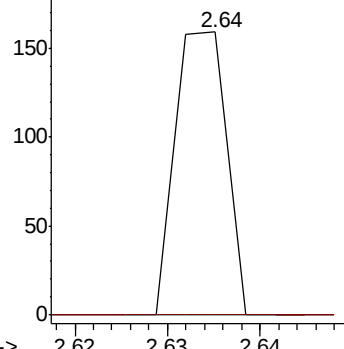
64 100

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



#11

Tert butyl alcohol

Concen: 98.398 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN058222.D

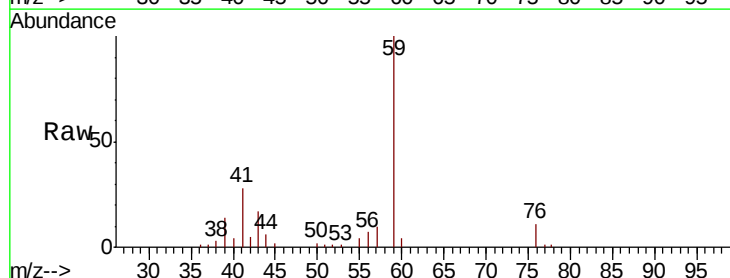
Acq: 19 Sep 2019 22:12

Tgt Ion: 59 Resp: 84662

Ion Ratio Lower Upper

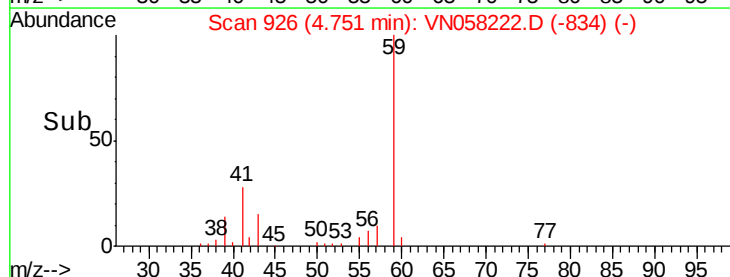
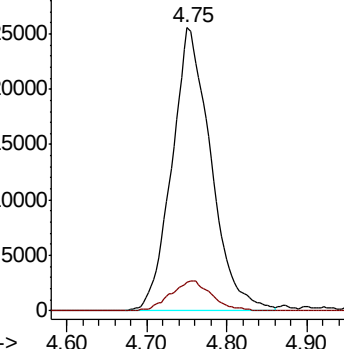
59 100

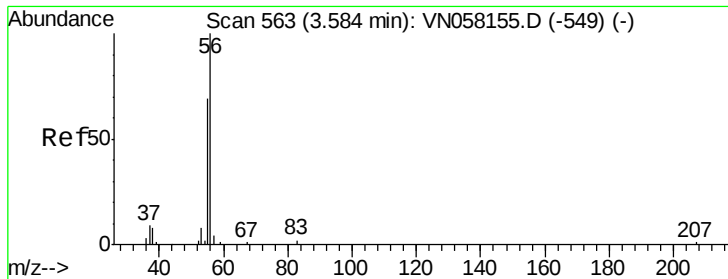
57 11.3 8.6 13.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 1.074 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.19 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampled :

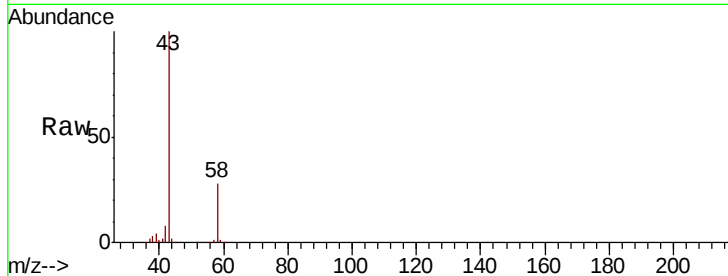
40278

Tot Ion: 56 Resp: 137

Ion Ratio Lower Upper

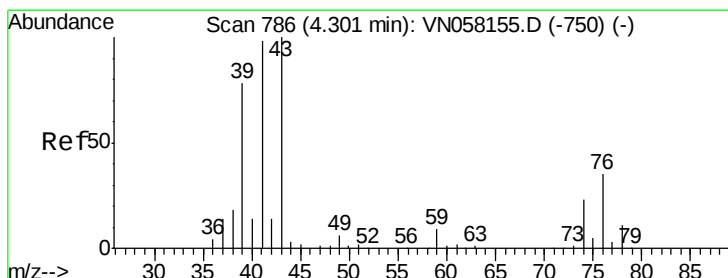
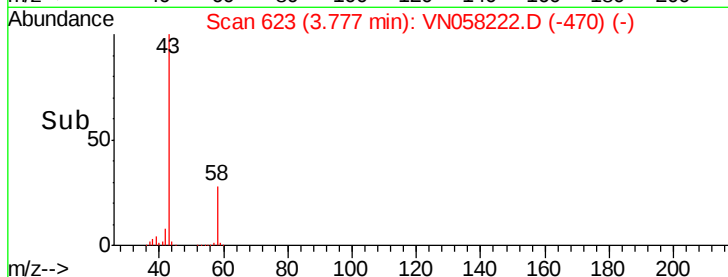
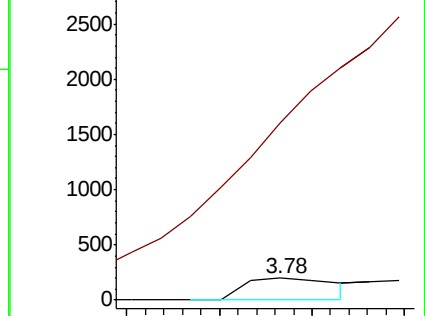
56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 4.931 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.27 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

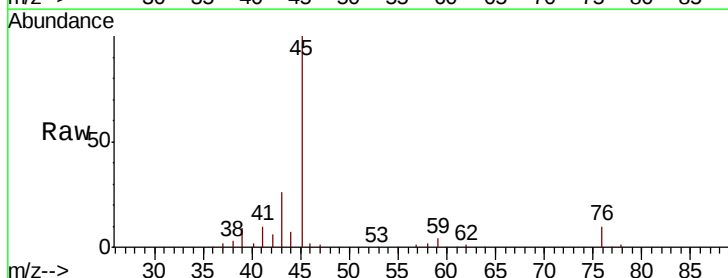
Tgt Ion: 41 Resp: 33873

Ion Ratio Lower Upper

41 100

39 87.3 59.1 88.7

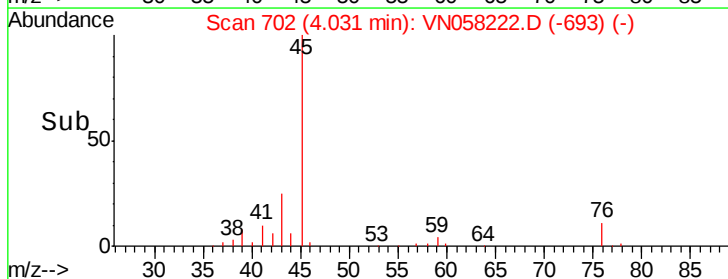
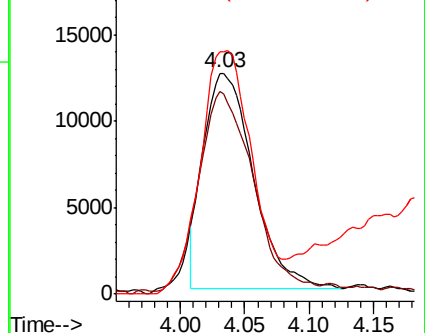
76 82.8 25.1 37.7#

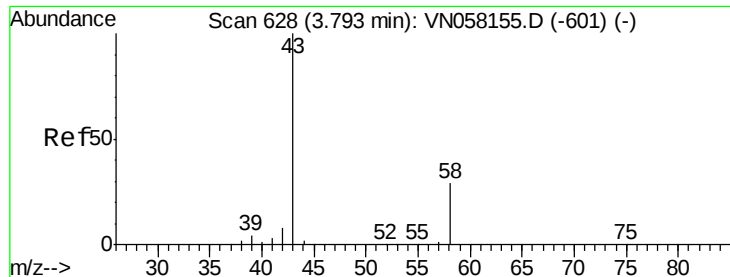


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 841.493 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampled :

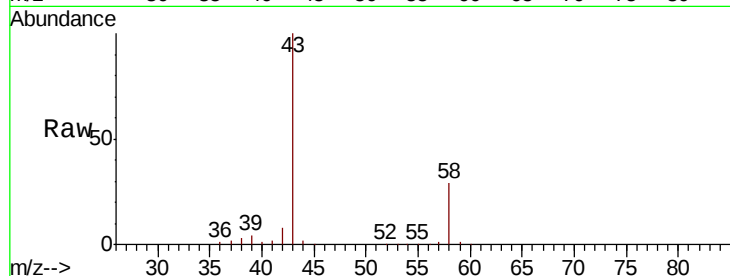
40278

Tot Ion: 43 Resp: 2066048

Ion Ratio Lower Upper

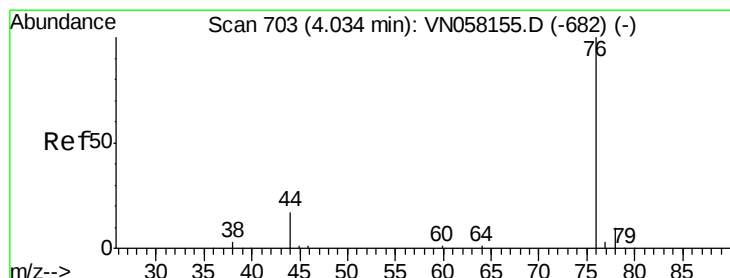
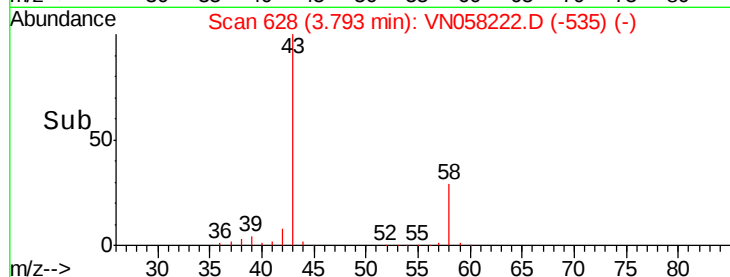
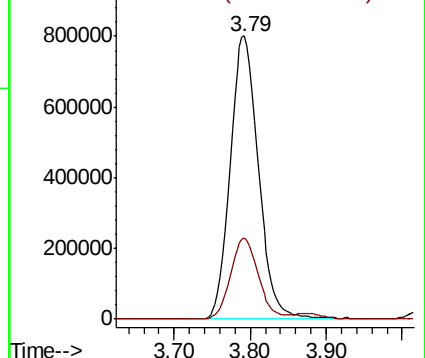
43 100

58 28.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 8.979 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN058222.D

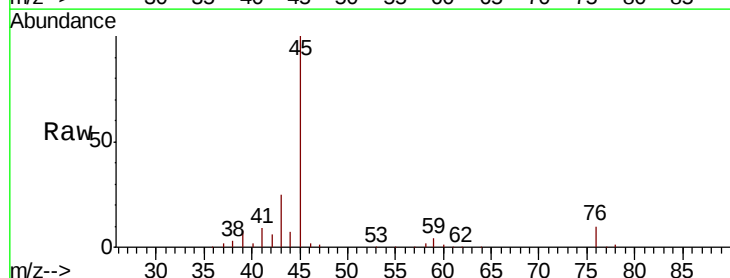
Acq: 19 Sep 2019 22:12

Tgt Ion: 76 Resp: 39268

Ion Ratio Lower Upper

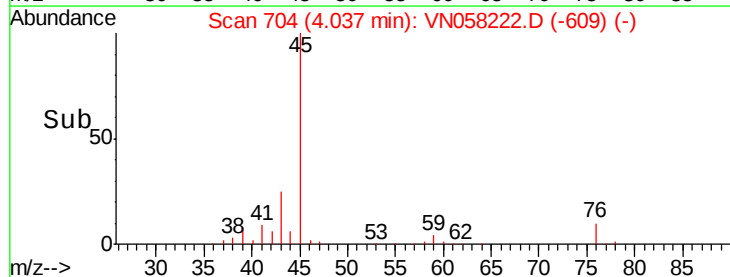
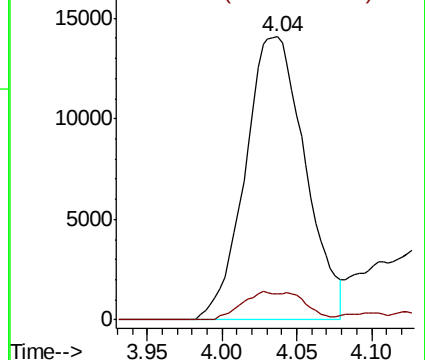
76 100

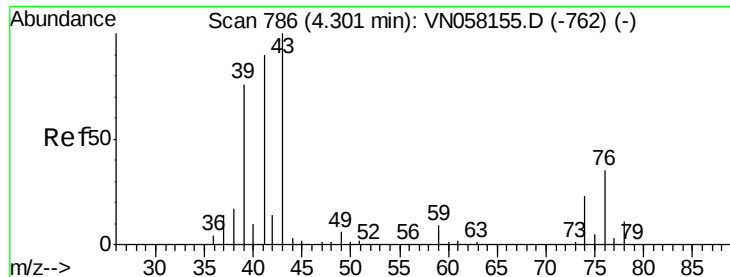
78 9.2 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

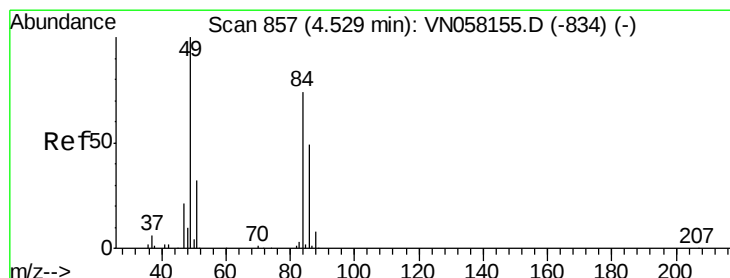
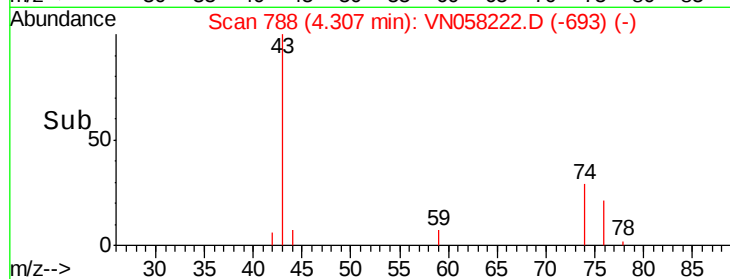
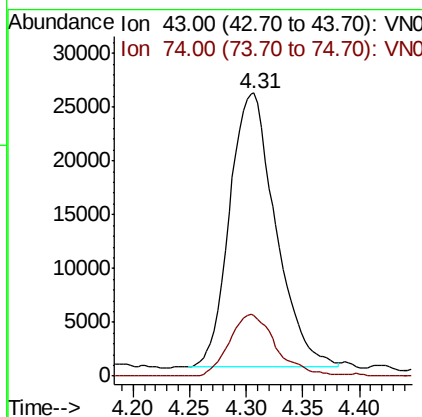
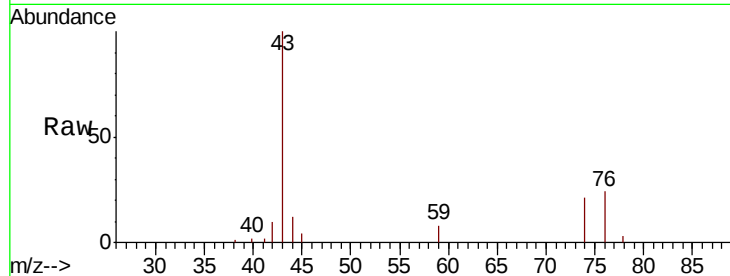




#18
Methyl Acetate
Concen: 11.160 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

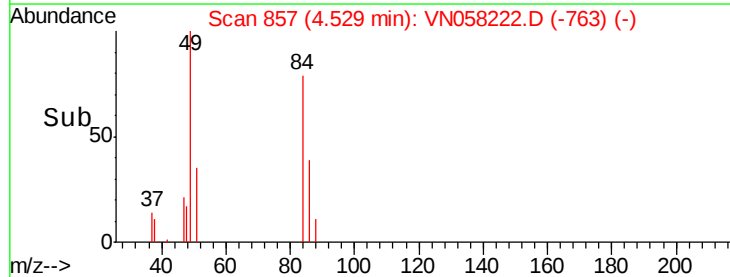
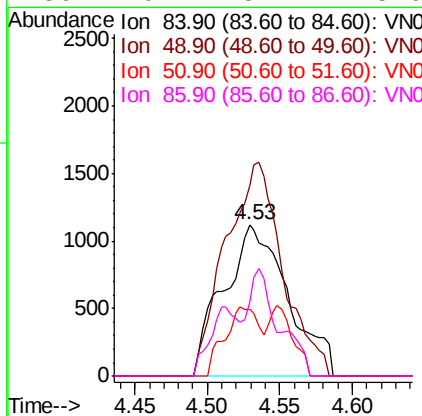
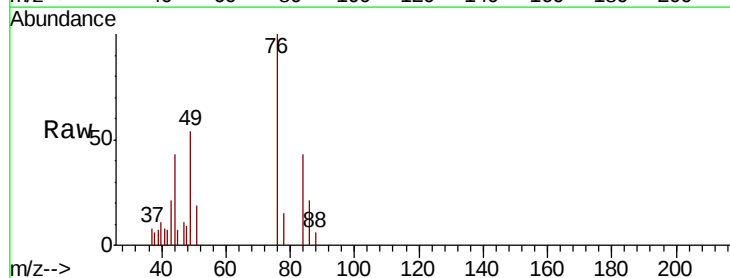
Instrument :
MSVOA_N
ClientSampled :
40278

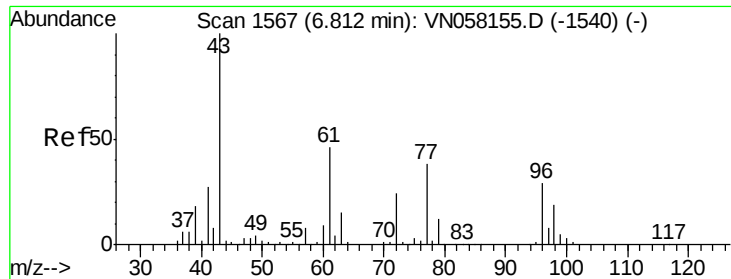
Tot Ion: 43 Resp: 72102
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 0.587 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion: 84 Resp: 3466
Ion Ratio Lower Upper
84 100
49 126.2 107.5 161.3
51 44.0 33.9 50.9
86 49.2 52.4 78.6#

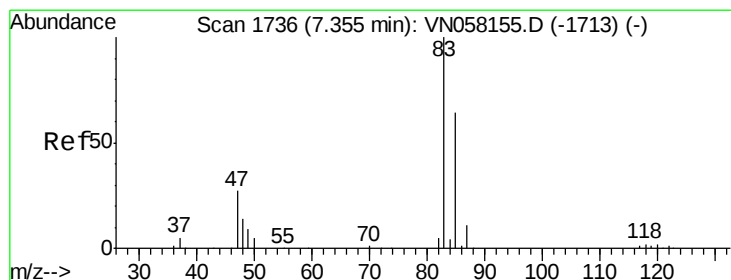
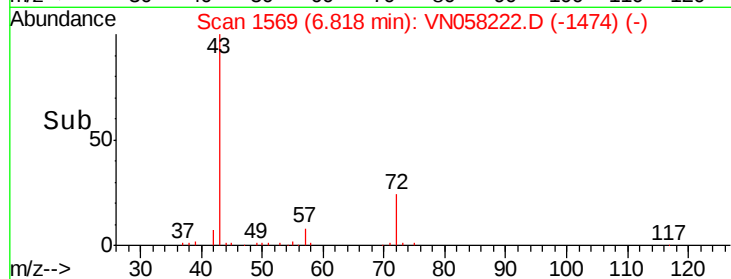
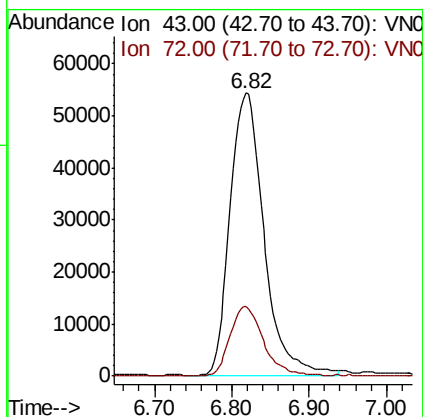
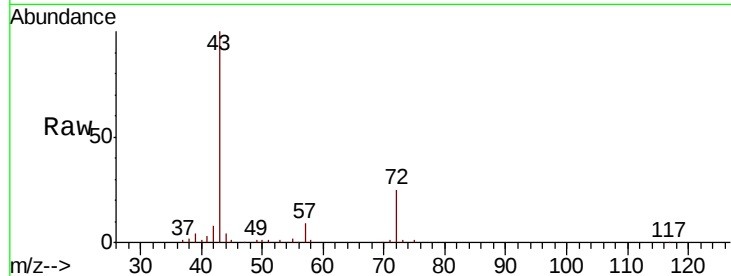




#25
2-Butanone
Concen: 49.408 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

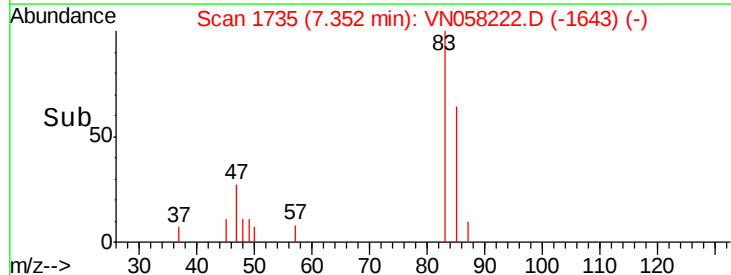
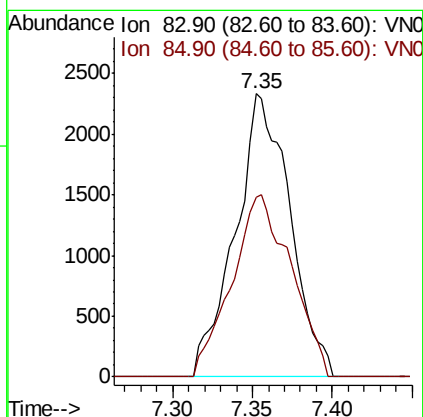
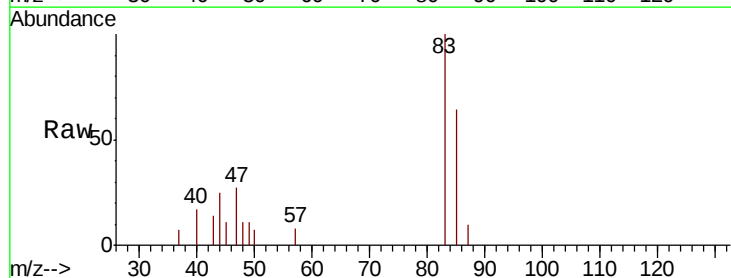
Instrument :
MSVOA_N
ClientSampled :
40278

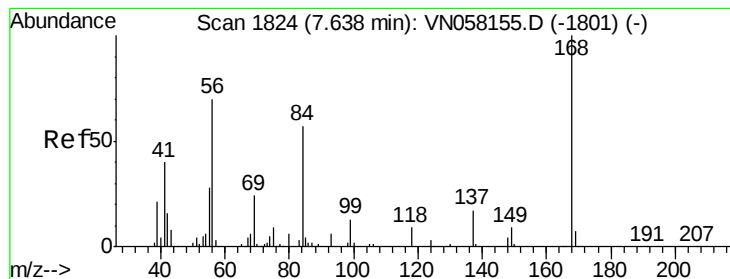
Tot Ion: 43 Resp: 165266
Ion Ratio Lower Upper
43 100
72 24.7 19.5 29.3



#30
Chloroform
Concen: 0.545 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion: 83 Resp: 5459
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2





#31

Cyclohexane

Concen: Below Cal

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampled :

40278

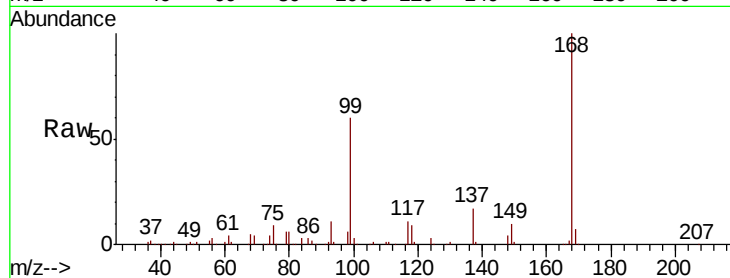
Tot Ion: 56 Resp: 13354

Ion Ratio Lower Upper

56 100

69 163.4 27.3 40.9#

84 107.2 65.0 97.4#

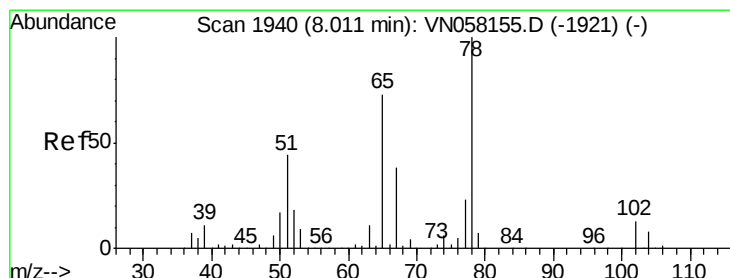
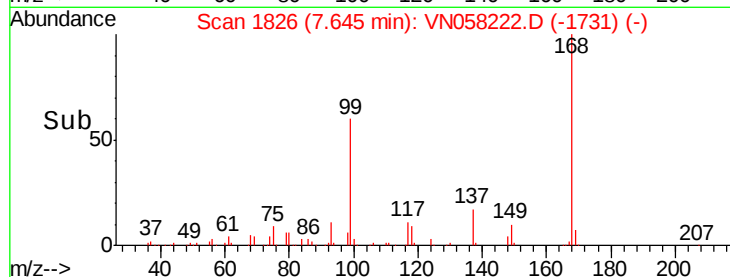
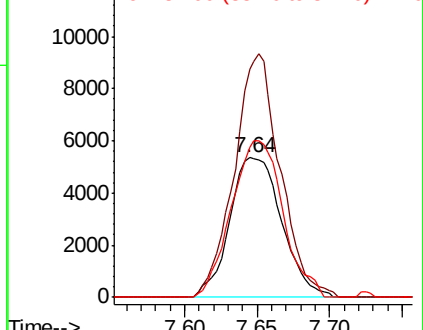


Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.291 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058222.D

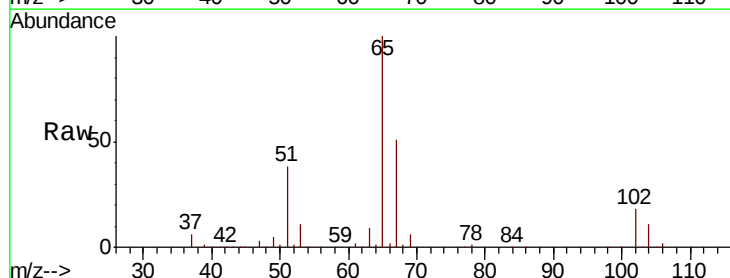
Acq: 19 Sep 2019 22:12

Tgt Ion: 65 Resp: 349292

Ion Ratio Lower Upper

65 100

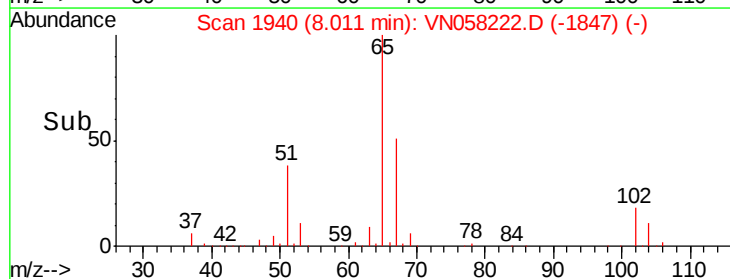
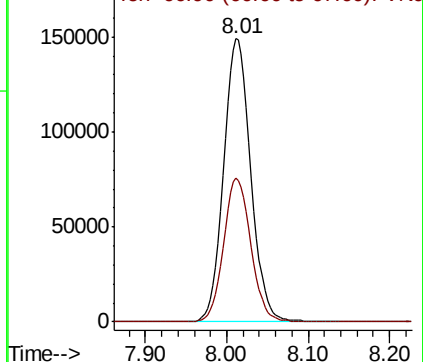
67 51.2 0.0 103.4

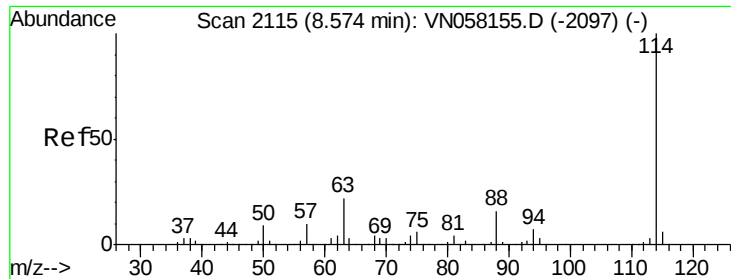


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

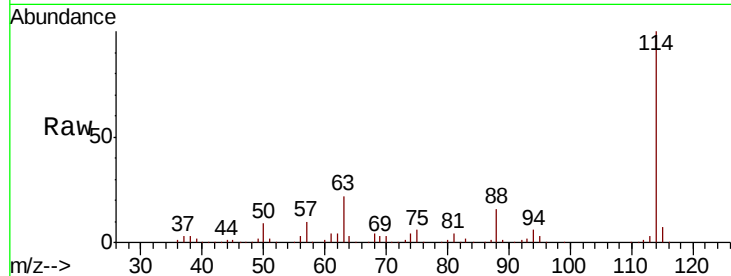




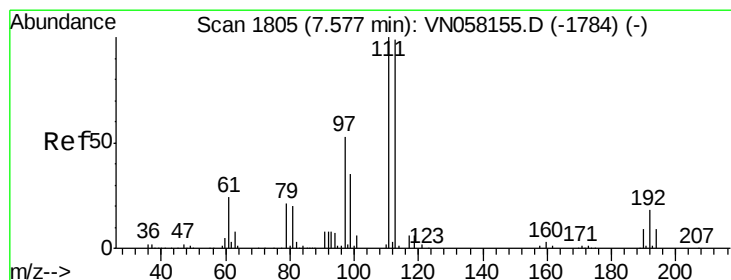
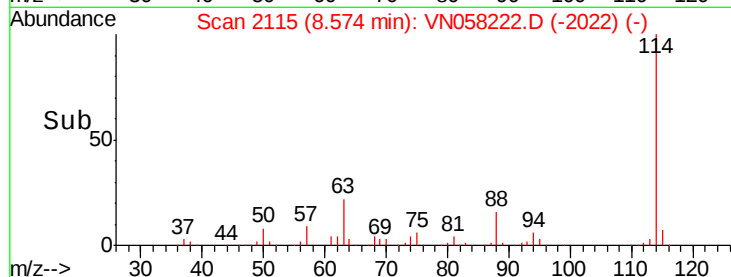
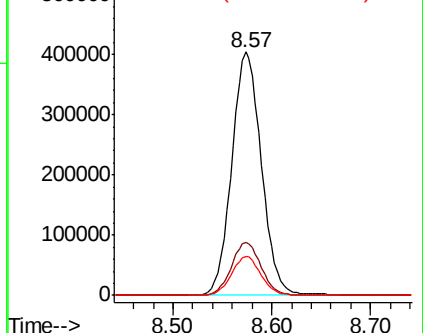
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058222.D
 Acq: 19 Sep 2019 22:12

Instrument :
 MSVOA_N
 ClientSampled :
 40278

Tot Ion:114 Resp: 845703
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 16.1 0.0 31.6

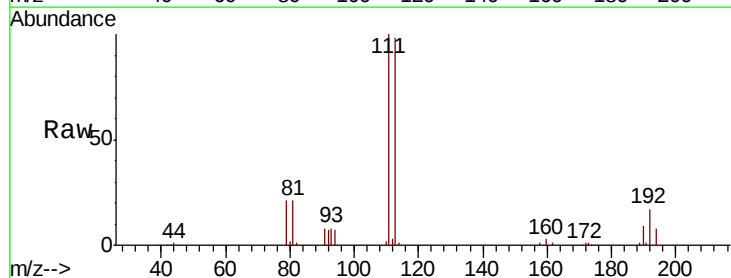


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

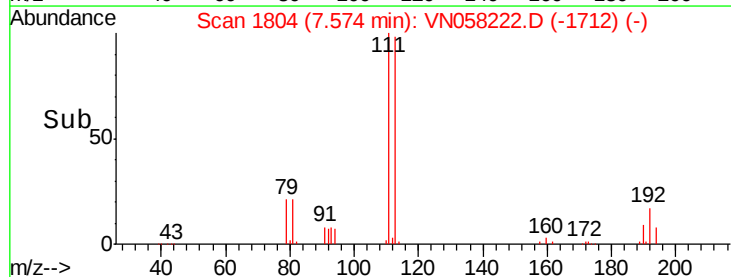
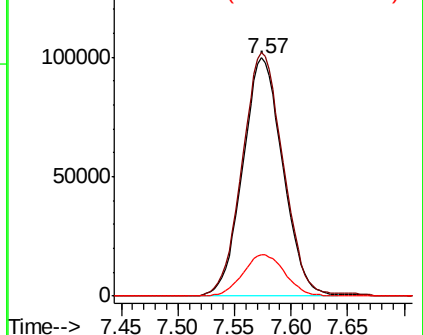


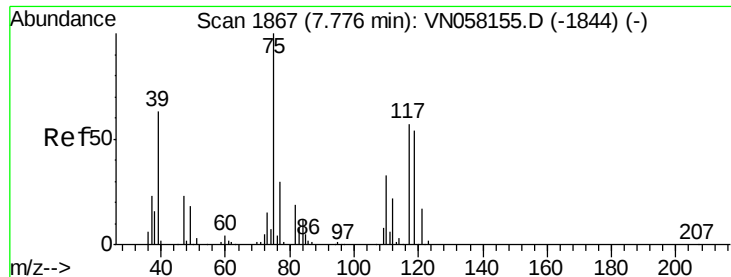
#35
 Dibromofluoromethane
 Concen: 47.736 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058222.D
 Acq: 19 Sep 2019 22:12

Tgt Ion:113 Resp: 245417
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.8 122.6
 192 18.2 14.5 21.7



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: 7.172 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampled :

40278

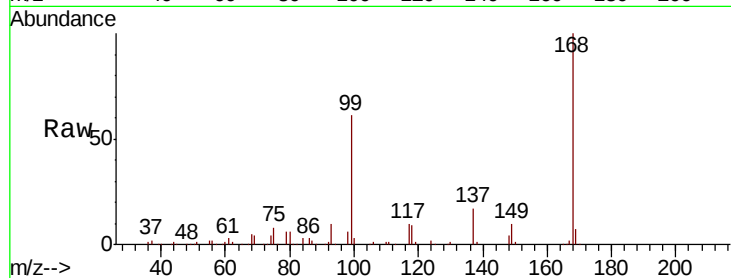
Tot Ion: 75 Resp: 43741

Ion Ratio Lower Upper

75 100

110 8.3 16.6 49.7#

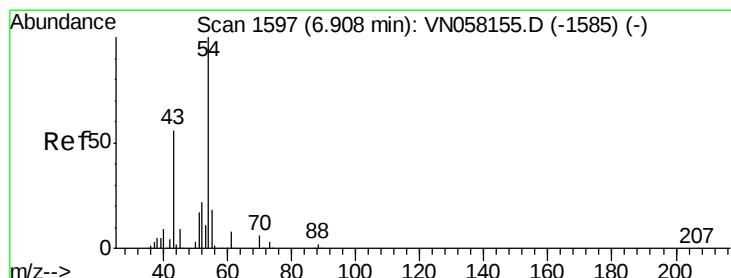
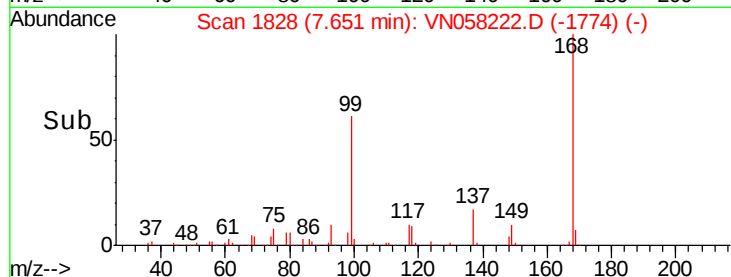
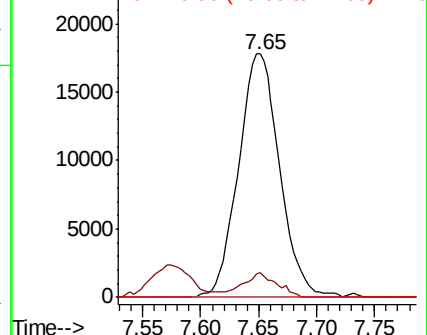
77 0.0 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 26.112 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.09 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

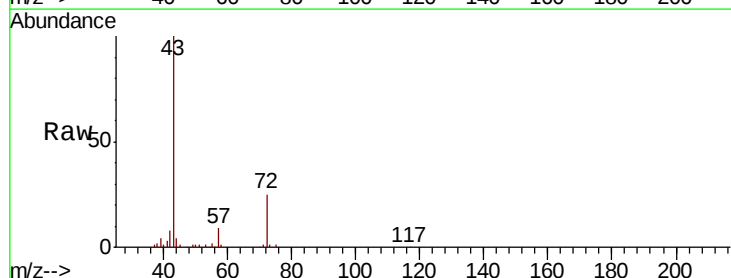
Tgt Ion: 43 Resp: 165266

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

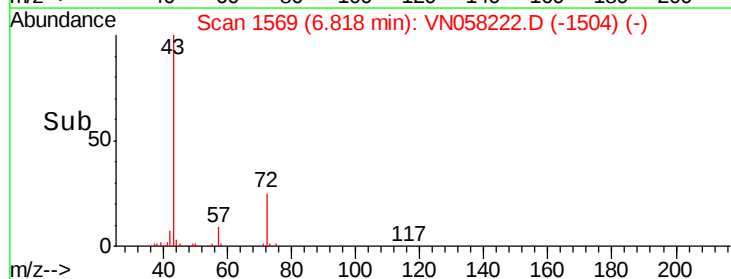
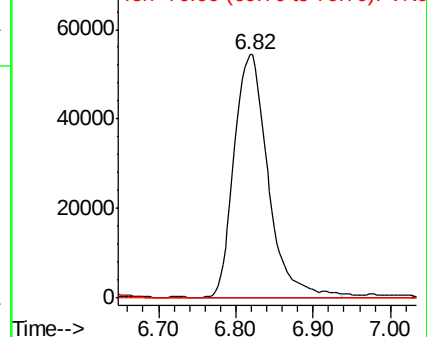
70 0.2 7.6 11.4#

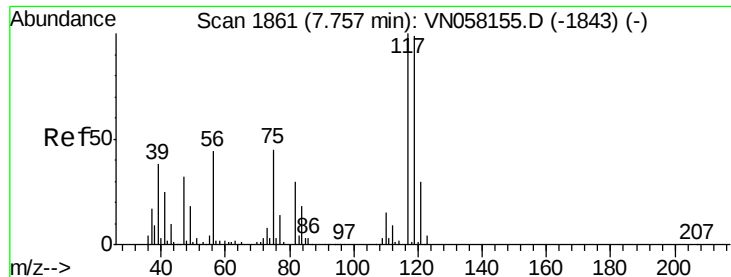


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

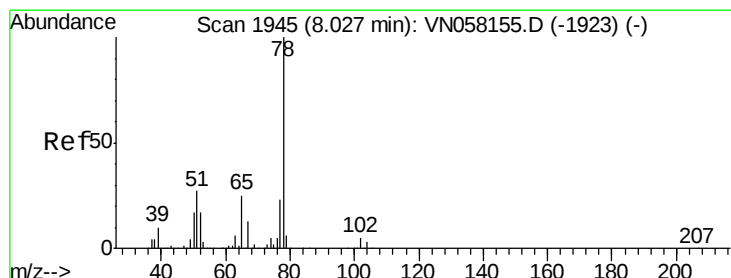
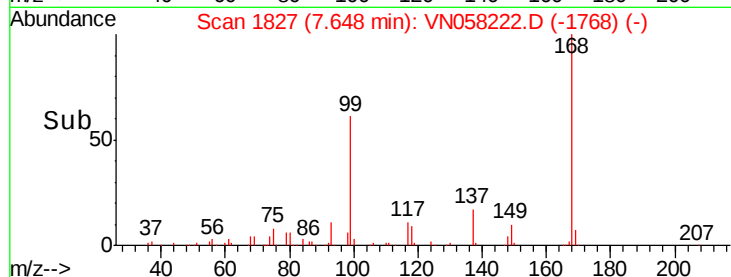
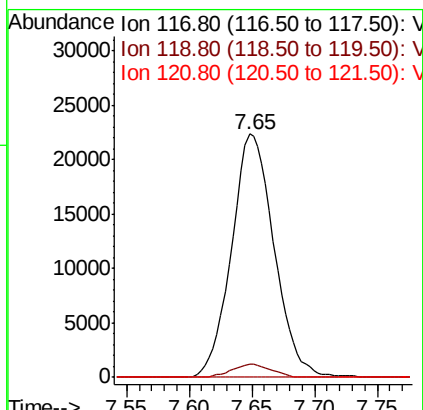
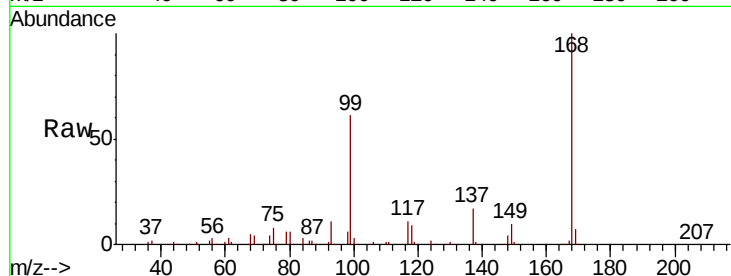




#38
Carbon Tetrachloride
Concen: 8.599 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

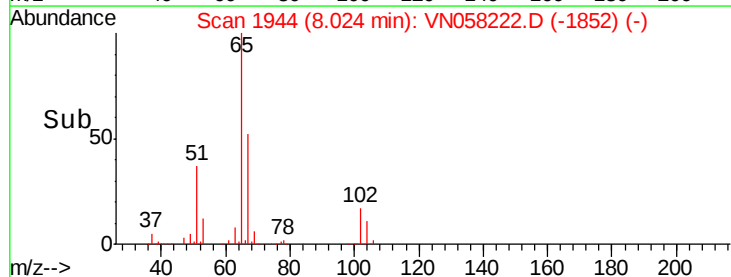
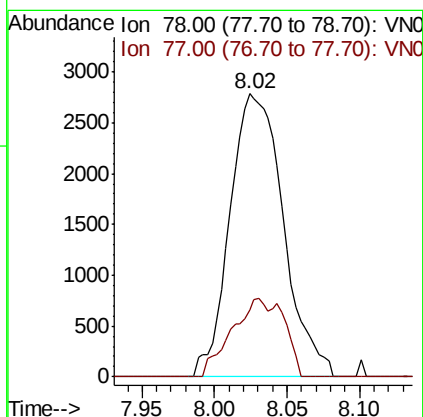
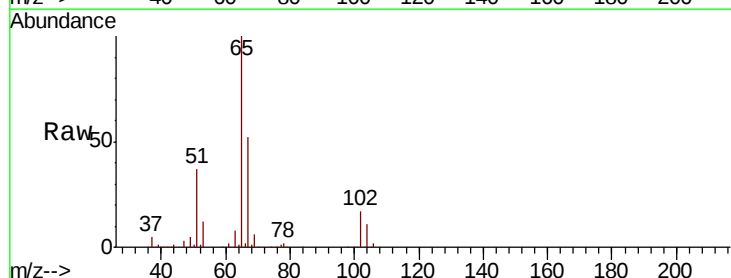
Instrument :
MSVOA_N
ClientSampleId :
40278

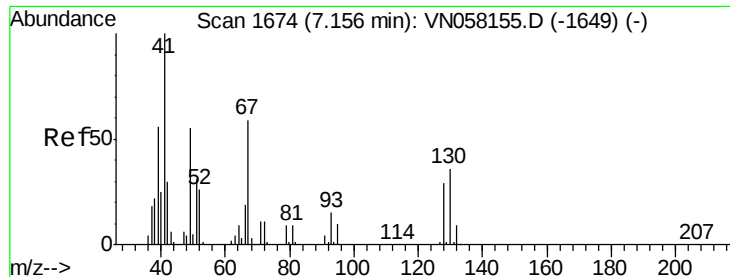
Tot Ion:117 Resp: 52717
Ion Ratio Lower Upper
117 100
119 5.2 78.6 117.8#
121 0.0 24.1 36.1#



#40
Benzene
Concen: 0.384 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion: 78 Resp: 7154
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

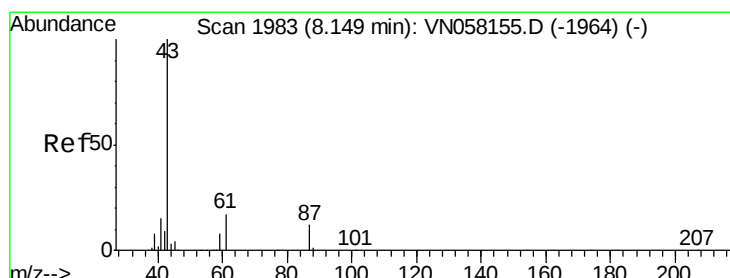
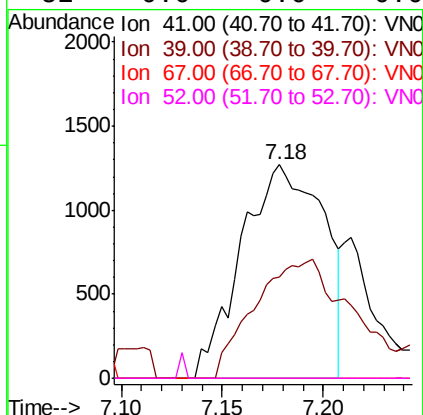
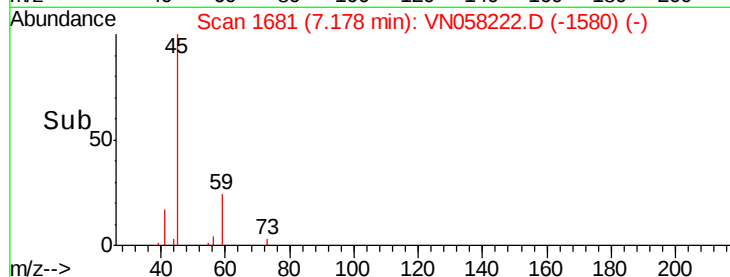
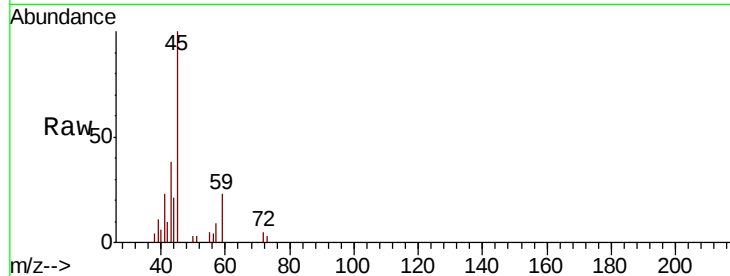




#41
Methacrylonitrile
Concen: 2.019 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.02 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

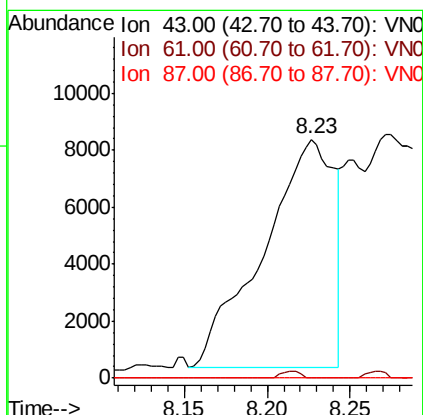
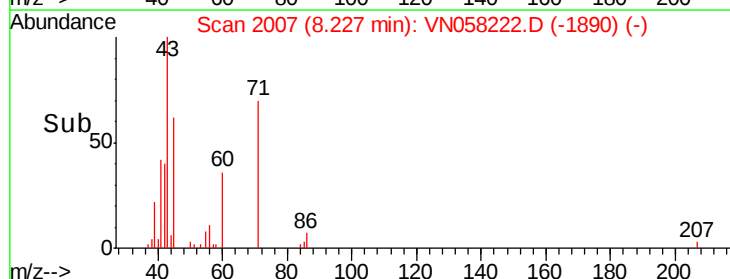
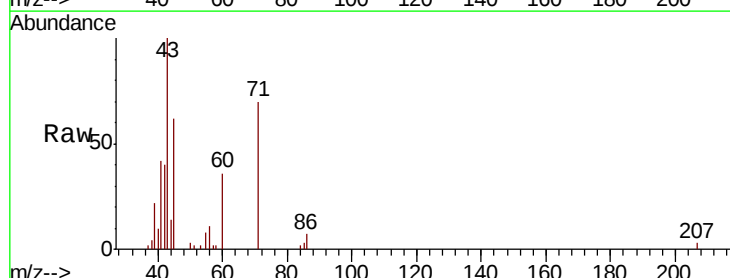
Instrument :
MSVOA_N
ClientSampled :
40278

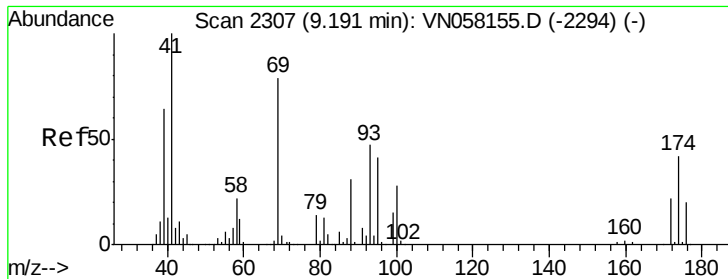
Tot Ion:	41	Resp:	3599
Ion	Ratio	Lower	Upper
41	100		
39	65.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 2.009 ug/l
RT: 8.23 min Scan# 2007
Delta R.T. 0.08 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion:	43	Resp:	23745
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.7	29.5#
87	0.0	9.4	14.2#

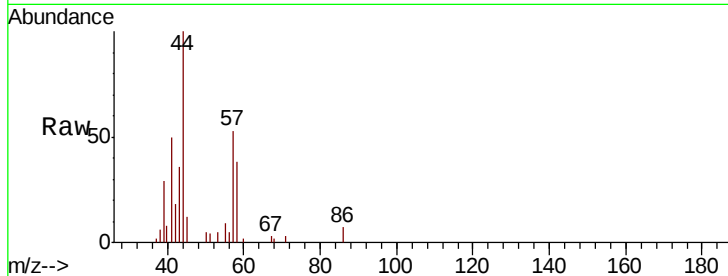




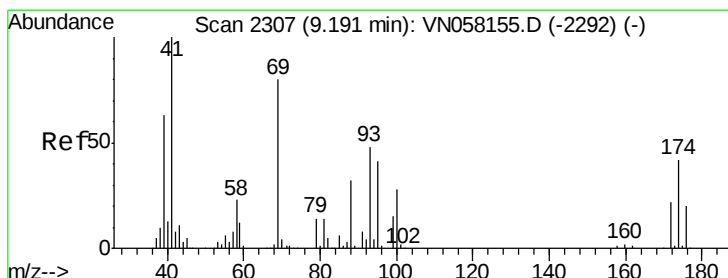
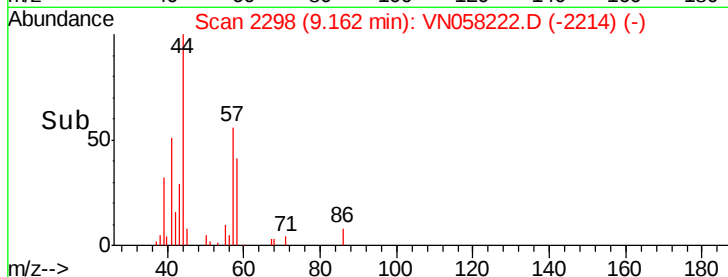
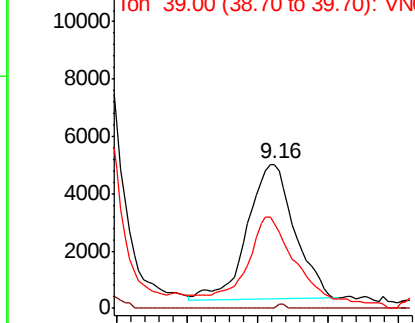
#48
Methvl methacrylate
Concen: 2.039 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.03 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Instrument :
MSVOA_N
ClientSampled :
40278

Tot Ion: 41 Resp: 10944
Ion Ratio Lower Upper
41 100
69 0.5 62.5 93.7#
39 75.1 52.3 78.5

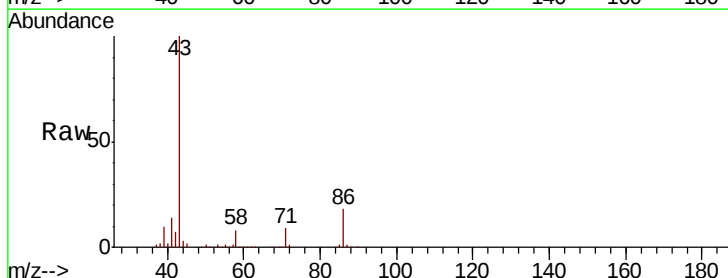


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

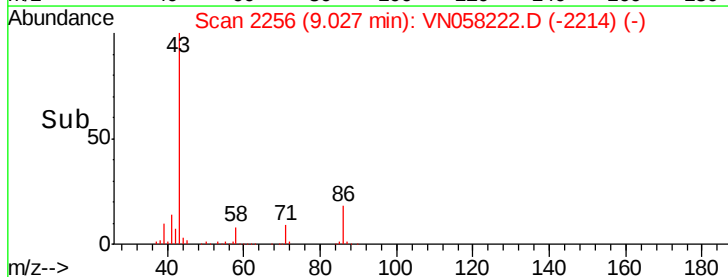
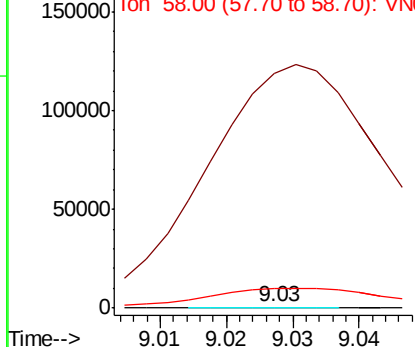


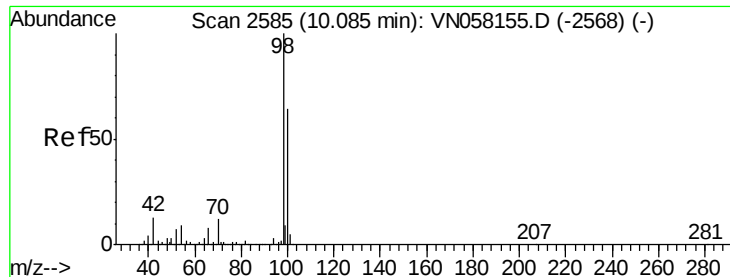
#49
1,4-Dioxane
Concen: 1.600 ug/l
RT: 9.03 min Scan# 2256
Delta R.T. -0.16 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion: 88 Resp: 141
Ion Ratio Lower Upper
88 100
43 176100.0 27.8 41.8#
58 14542.6 55.0 82.4#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 50.394 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampled :

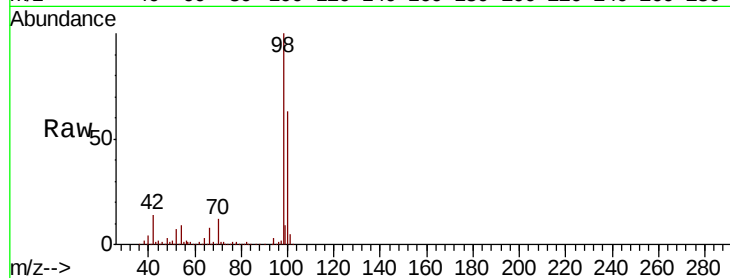
40278

Tot Ion: 98 Resp: 1009447

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

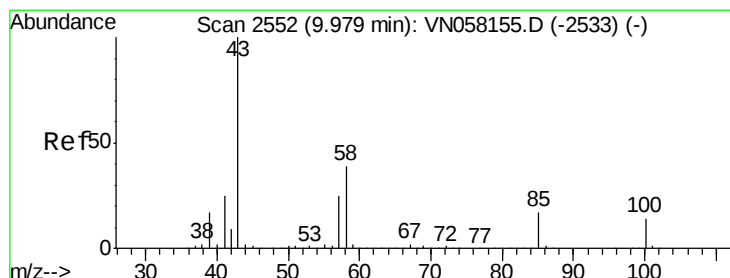
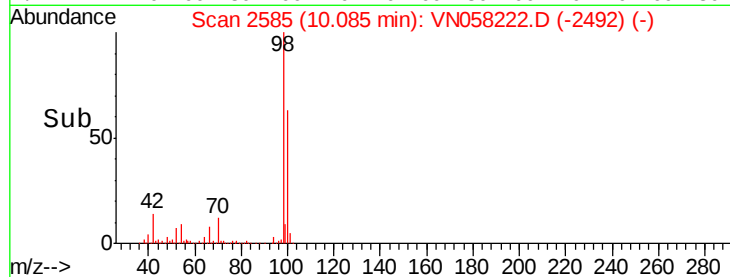
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.464 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058222.D

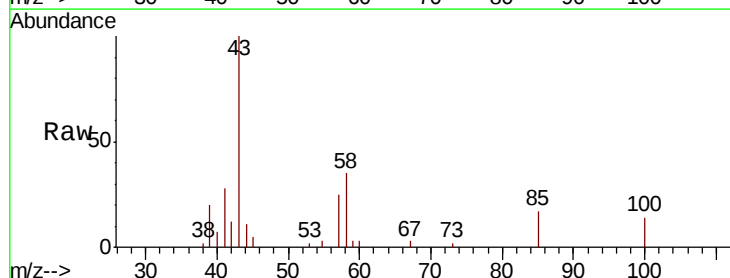
Acq: 19 Sep 2019 22:12

Tgt Ion: 43 Resp: 15470

Ion Ratio Lower Upper

43 100

58 36.3 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

8000

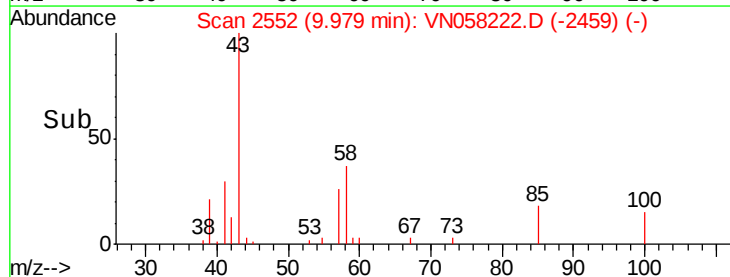
6000

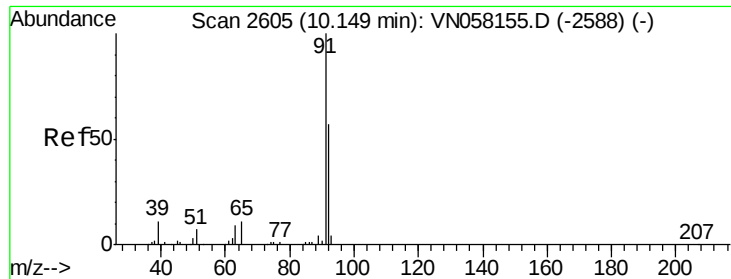
4000

2000

0

Time-->





#52

Toluene

Concen: 1.927 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

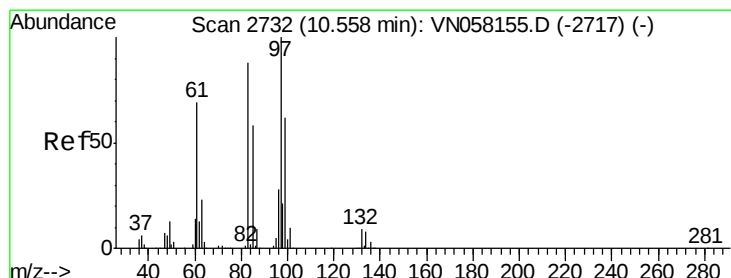
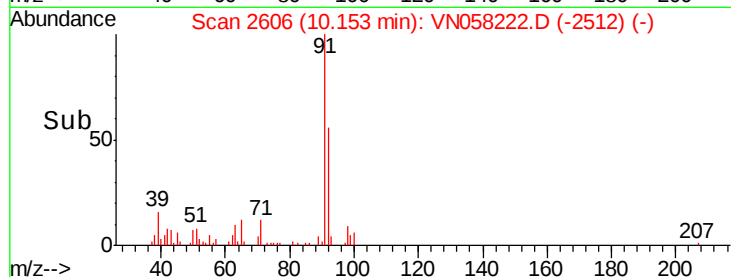
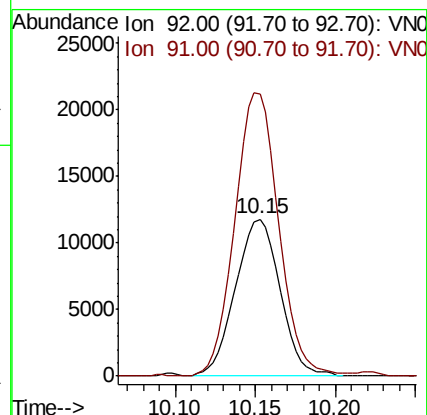
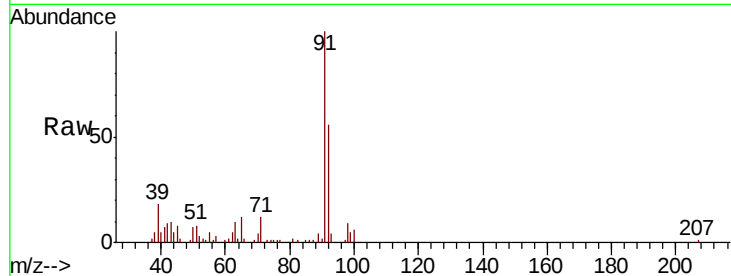
40278

Tot Ion: 92 Resp: 22499

Ion Ratio Lower Upper

92 100

91 177.1 140.2 210.2



#55

1,1,2-Trichloroethane

Concen: 0.915 ug/l

RT: 10.46 min Scan# 2701

Delta R.T. -0.10 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Tgt Ion: 97 Resp: 4738

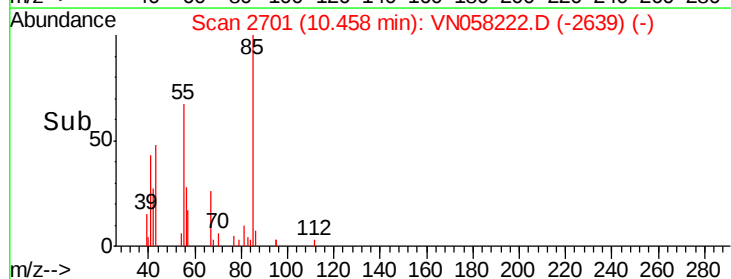
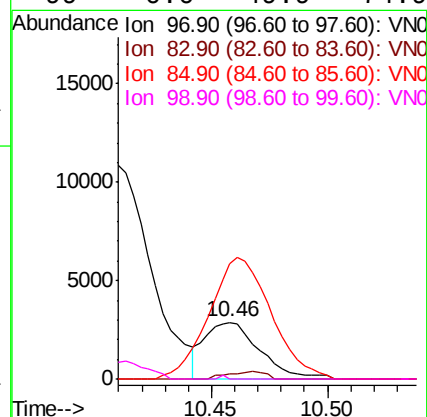
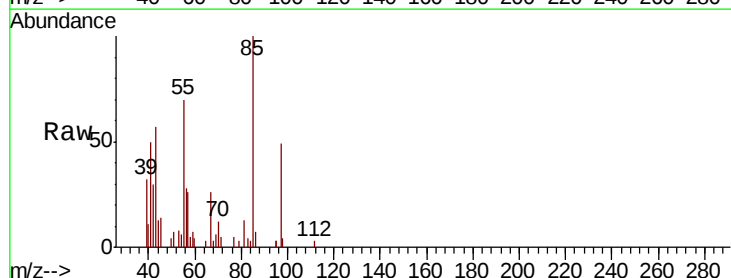
Ion Ratio Lower Upper

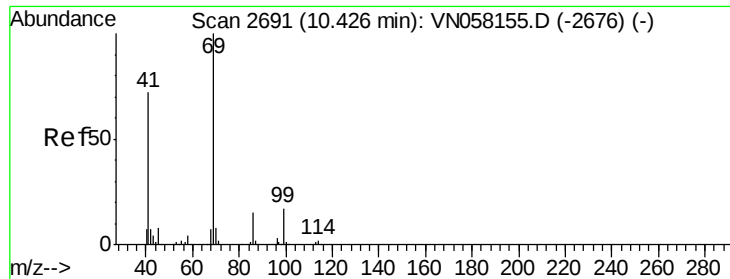
97 100

83 8.8 70.4 105.6#

85 202.9 46.8 70.2#

99 0.0 49.9 74.9#





#56

Ethyl methacrylate

Concen: 0.222 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.02 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

40278

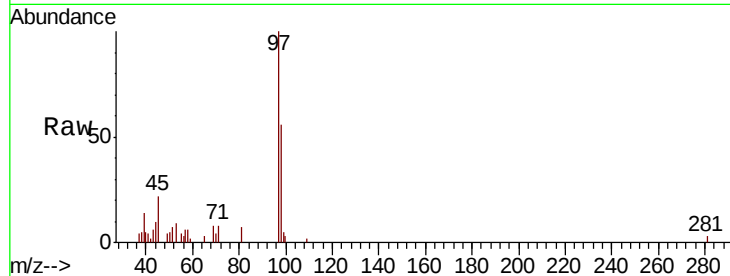
Tot Ion: 69 Resp: 1658

Ion Ratio Lower Upper

69 100

41 0.0 57.5 86.3#

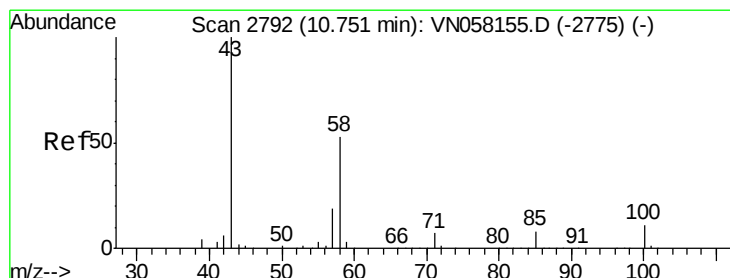
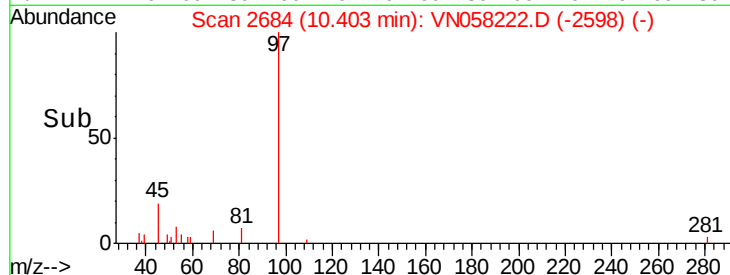
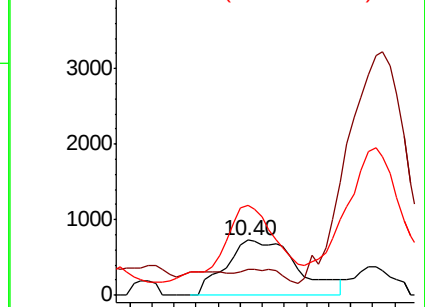
39 100.3 36.1 54.1#



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: 9.290 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN058222.D

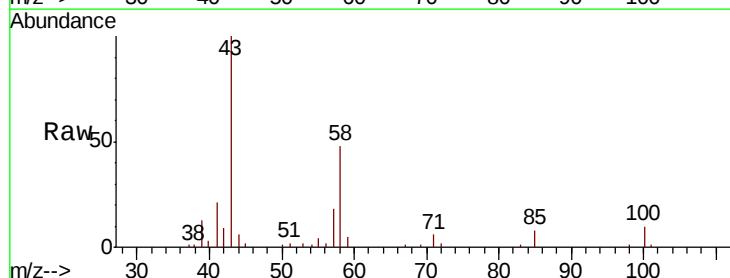
Acq: 19 Sep 2019 22:12

Tgt Ion: 43 Resp: 43321

Ion Ratio Lower Upper

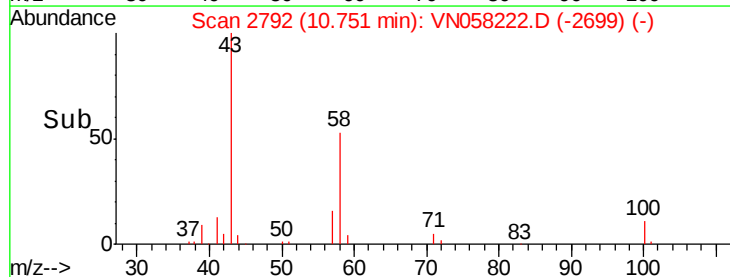
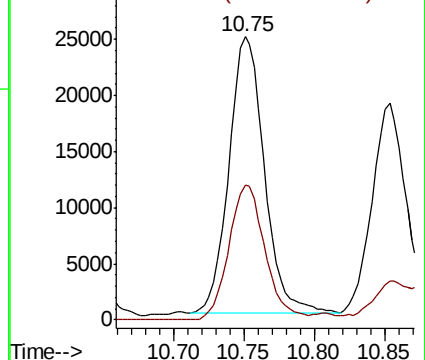
43 100

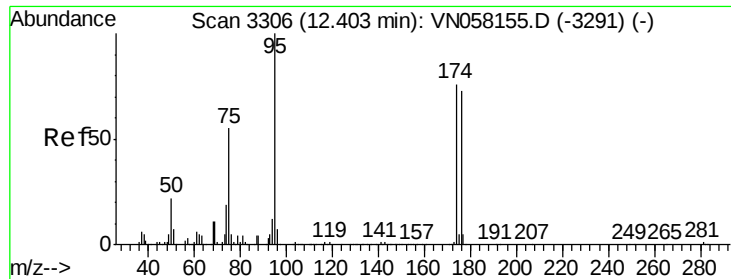
58 49.7 26.0 78.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.059 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

40278

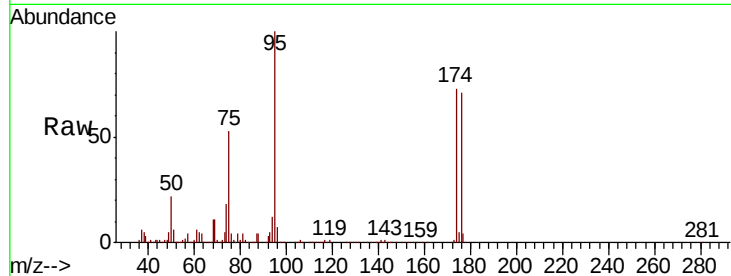
Tot Ion: 95 Resp: 387359

Ion Ratio Lower Upper

95 100

174 74.0 0.0 152.2

176 72.5 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)

12.40

250000

200000

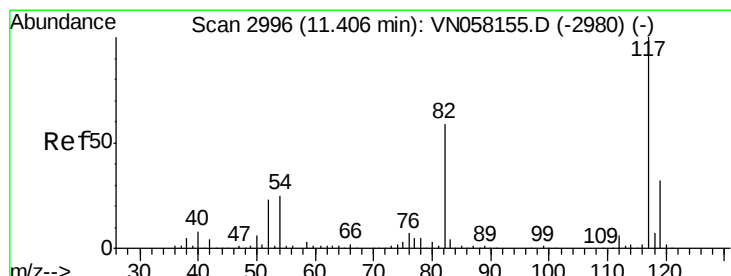
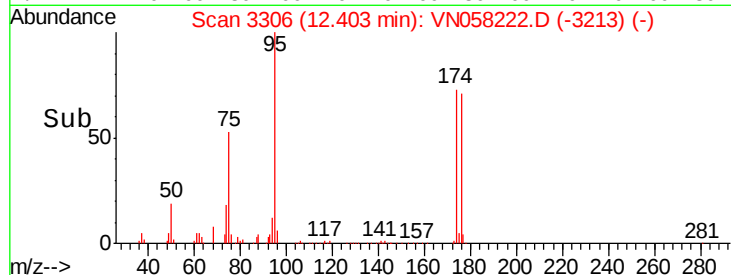
150000

100000

50000

0

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

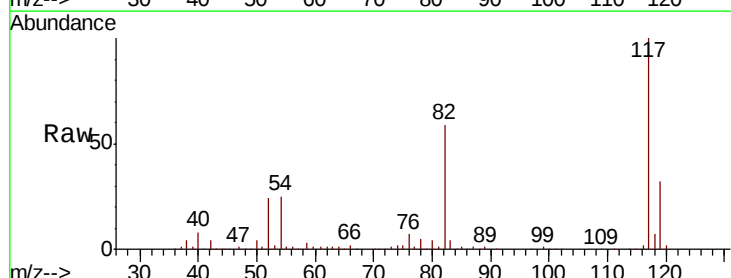
Tgt Ion: 117 Resp: 734992

Ion Ratio Lower Upper

117 100

82 59.0 46.9 70.3

119 31.7 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)

11.41

500000

400000

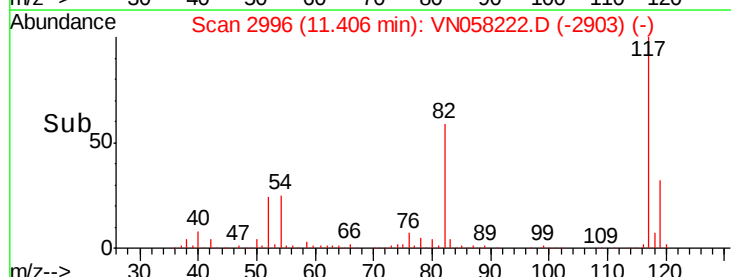
300000

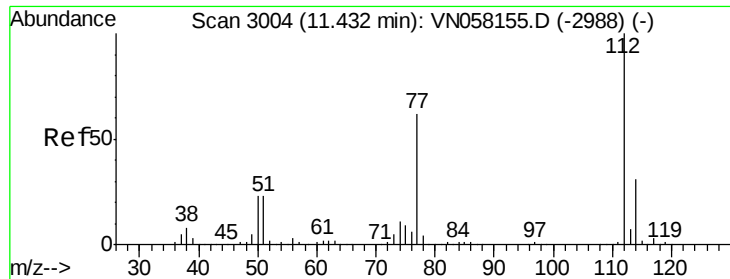
200000

100000

0

Time--> 11.30 11.40 11.50

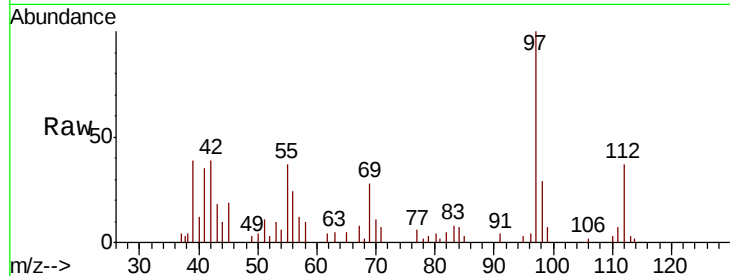




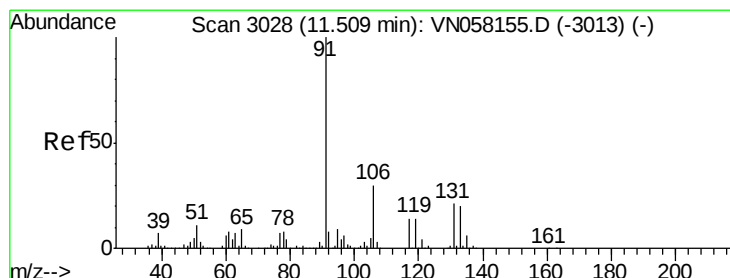
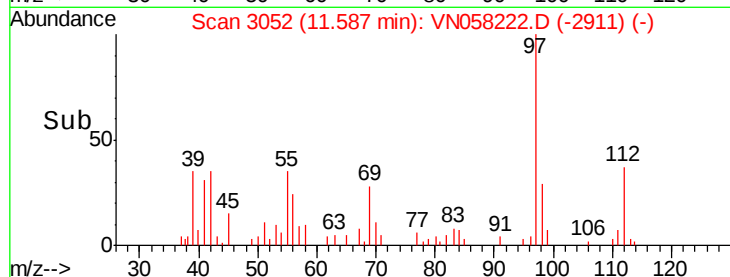
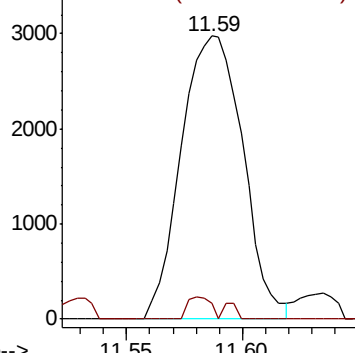
#65
Chlorobenzene
Concen: 0.426 ug/l
RT: 11.59 min Scan# 3052
Delta R.T. 0.15 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Instrument :
MSVOA_N
ClientSampled :
40278

Tot Ion:112 Resp: 5503
Ion Ratio Lower Upper
112 100
114 5.7 25.1 37.7#

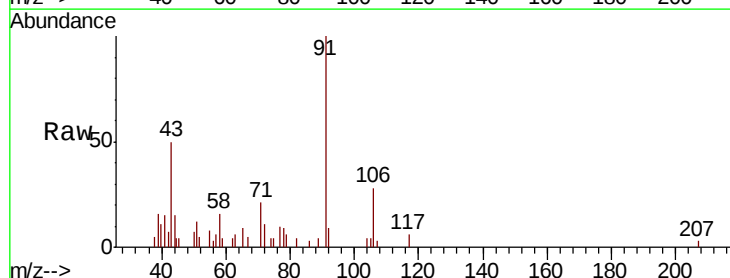


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

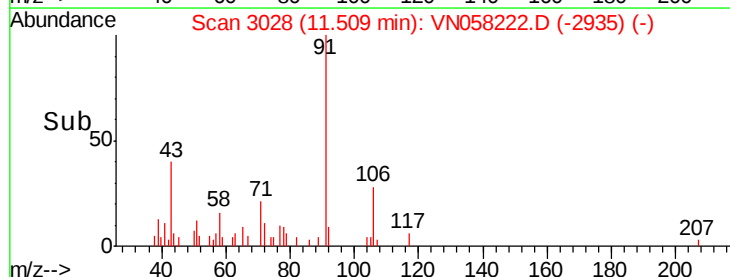
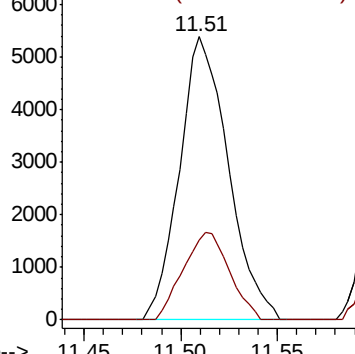


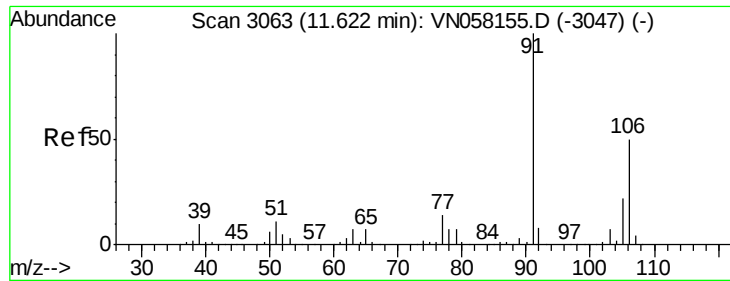
#67
Ethyl Benzene
Concen: 0.426 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion: 91 Resp: 9445
Ion Ratio Lower Upper
91 100
106 28.2 24.0 36.0



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

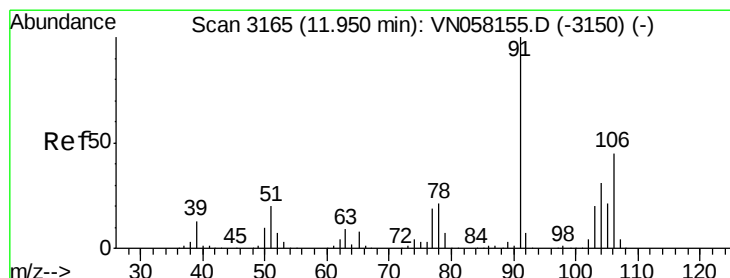
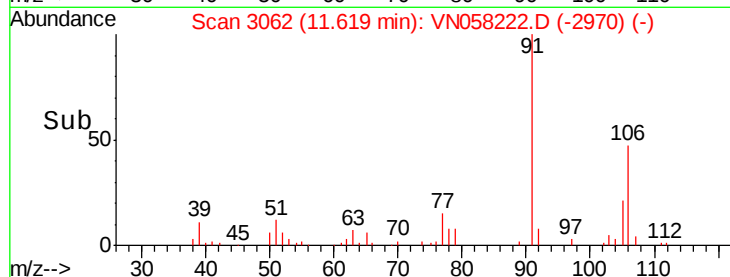
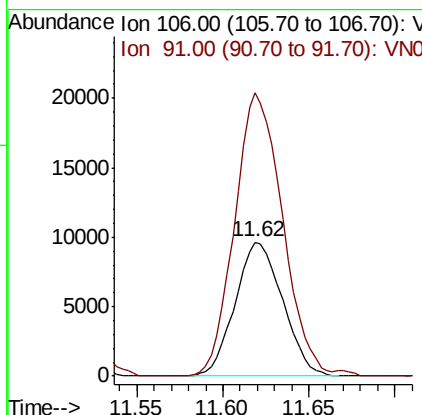
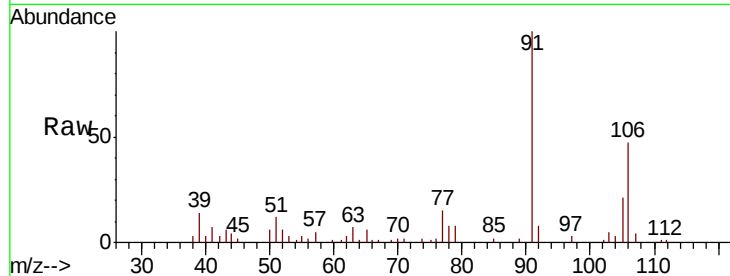




#68
m/p-Xylenes
Concen: 2.209 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

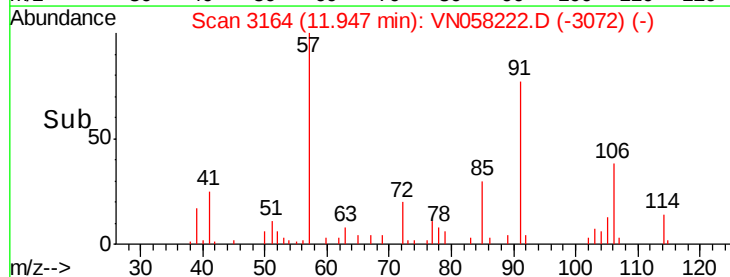
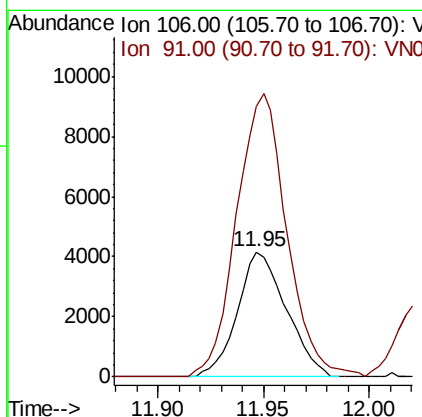
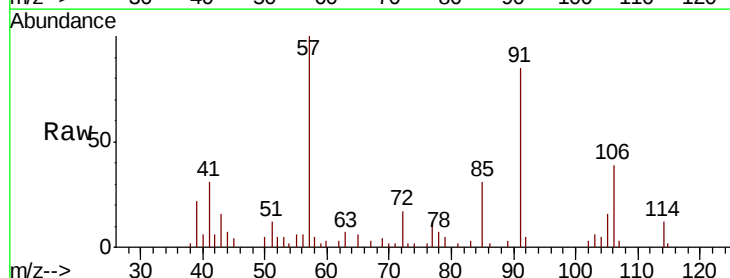
Instrument :
MSVOA_N
ClientSampled :
40278

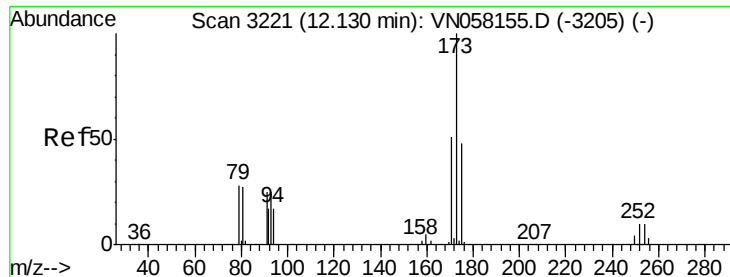
Tot Ion:106 Resp: 18427
Ion Ratio Lower Upper
106 100
91 213.3 163.6 245.4



#69
o-Xylene
Concen: 0.814 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion:106 Resp: 6680
Ion Ratio Lower Upper
106 100
91 233.7 111.8 335.3

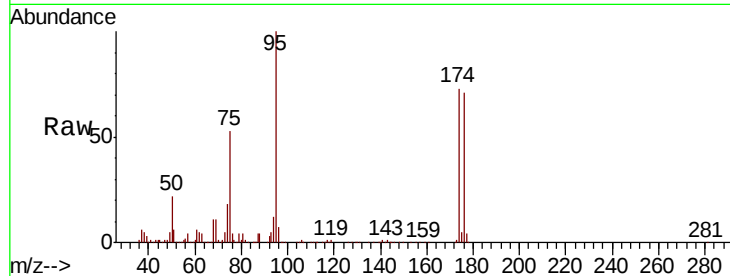




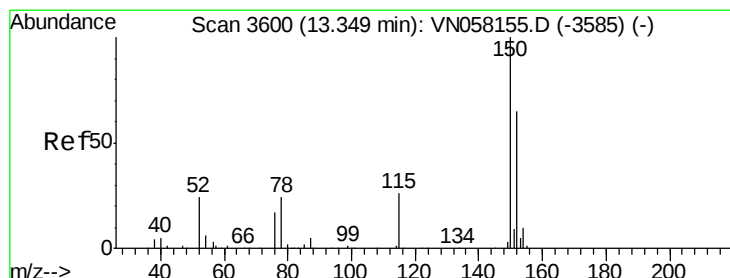
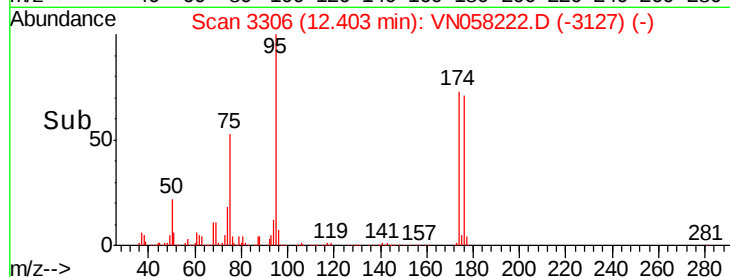
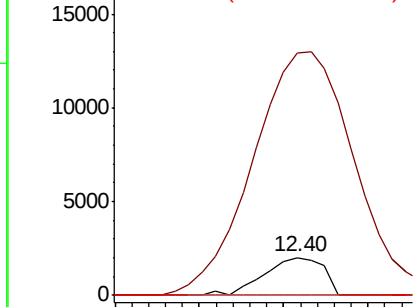
#71
Bromoform
Concen: 4.120 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
40278

Tot Ion:173 Resp: 1967
Ion Ratio Lower Upper
173 100
175 972.5 24.2 72.6#
254 0.0 0.1 0.1#

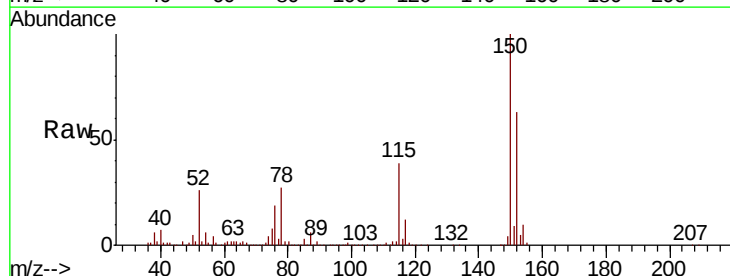


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

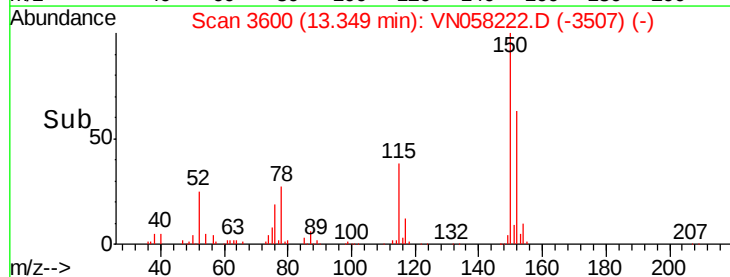
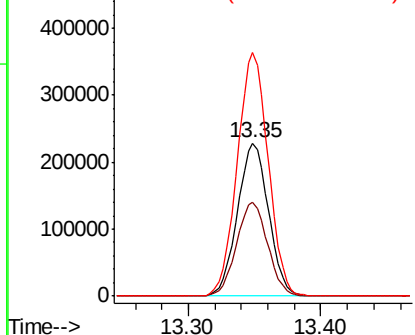


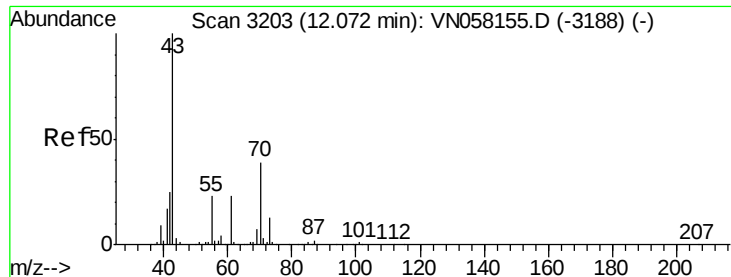
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Tgt Ion:152 Resp: 371480
Ion Ratio Lower Upper
152 100
115 61.3 30.1 90.3
150 158.6 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-amyl acetate

Concen: 660.928 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

40278

Tot Ion: 43 Resp: 6429097

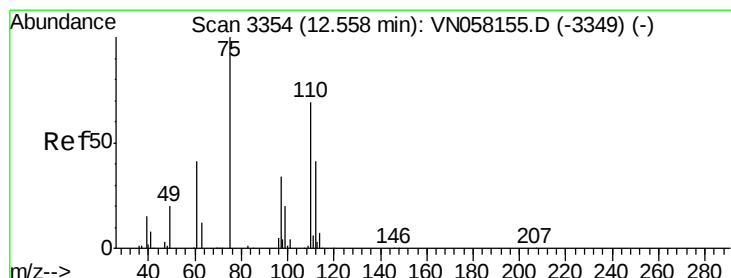
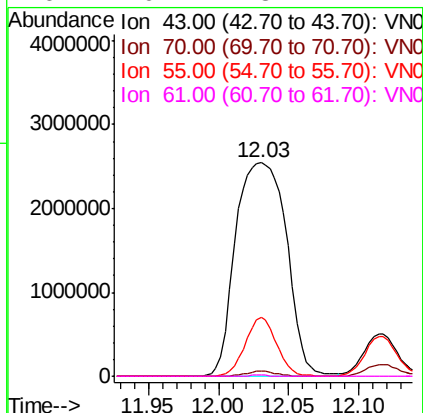
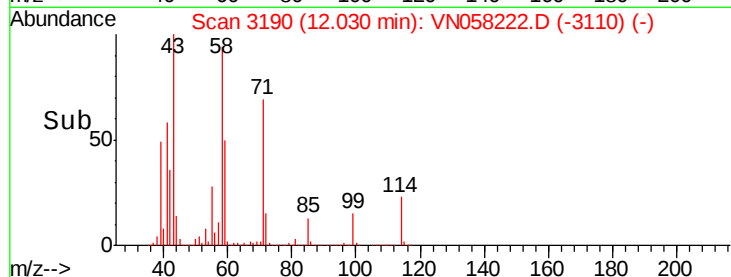
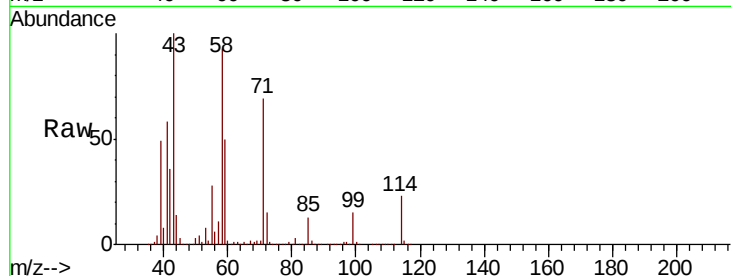
Ion Ratio Lower Upper

43 100

70 1.5 31.0 46.6#

55 17.1 18.5 27.7#

61 0.2 18.2 27.2#



#76

1,2,3-Trichloropropane

Concen: 30.990 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058222.D

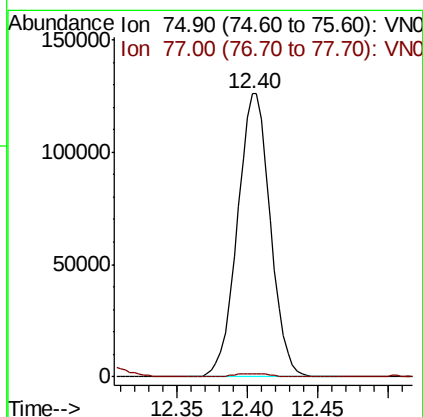
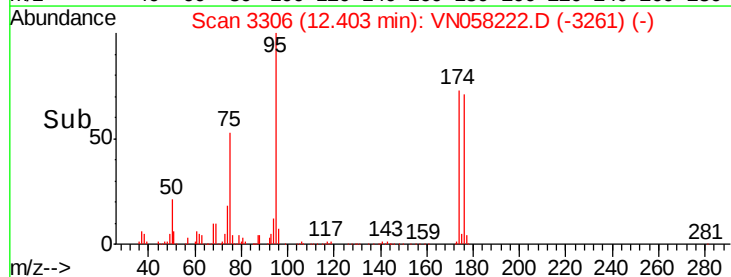
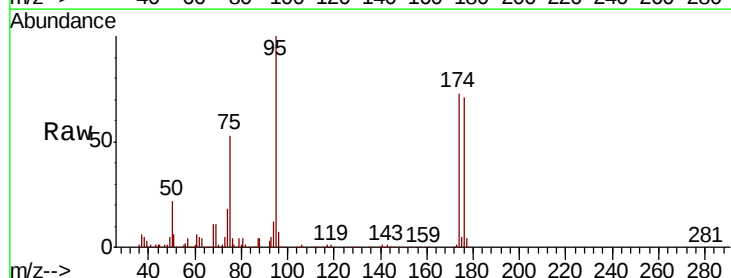
Acq: 19 Sep 2019 22:12

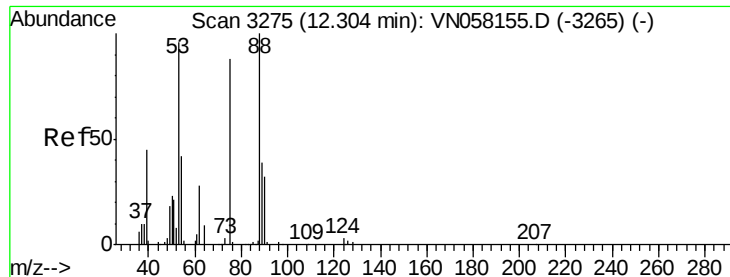
Tgt Ion: 75 Resp: 206034

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 87.353 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

40278

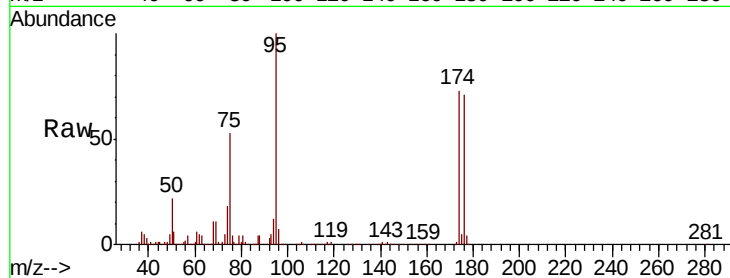
Tot Ion: 75 Resp: 206034

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

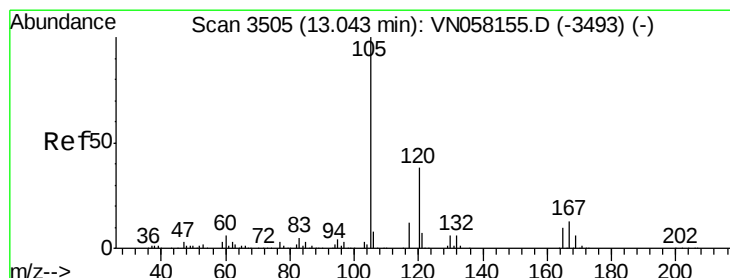
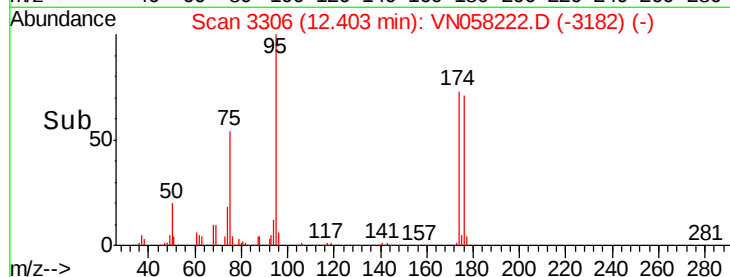
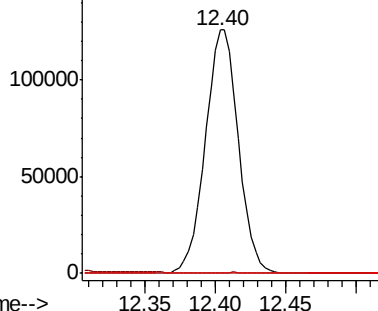
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.616 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058222.D

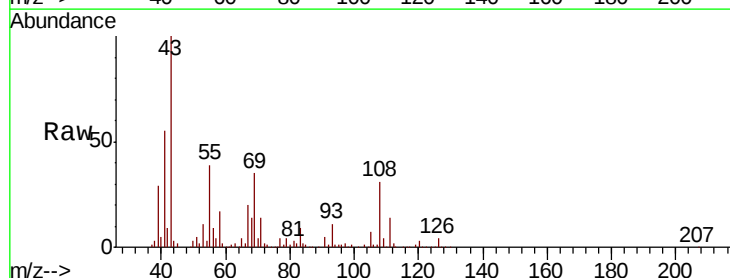
Acq: 19 Sep 2019 22:12

Tgt Ion:105 Resp: 12055

Ion Ratio Lower Upper

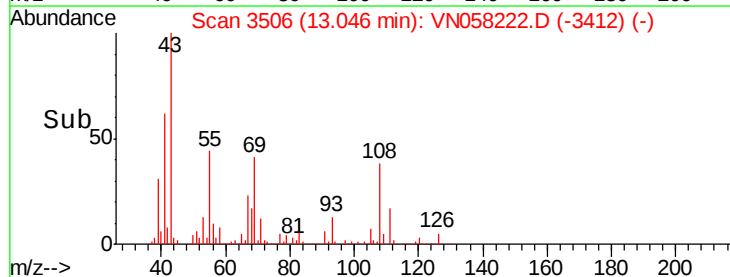
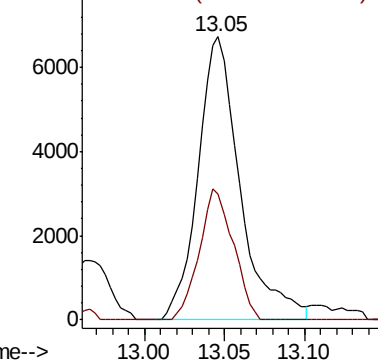
105 100

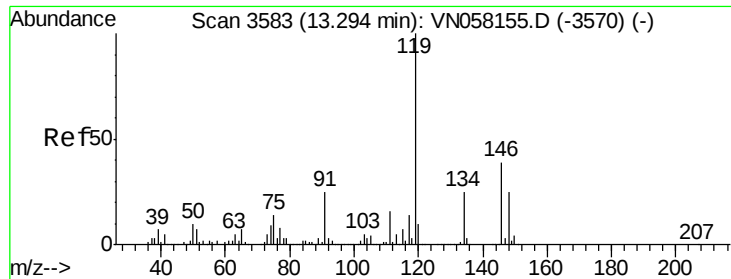
120 37.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

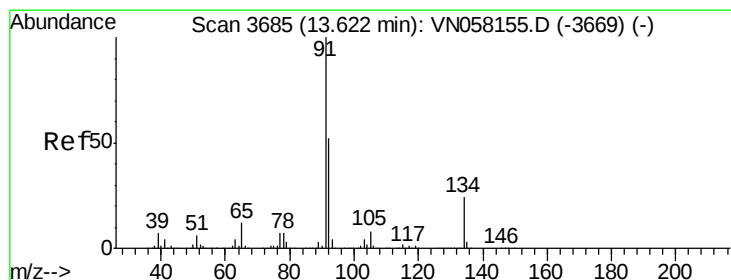
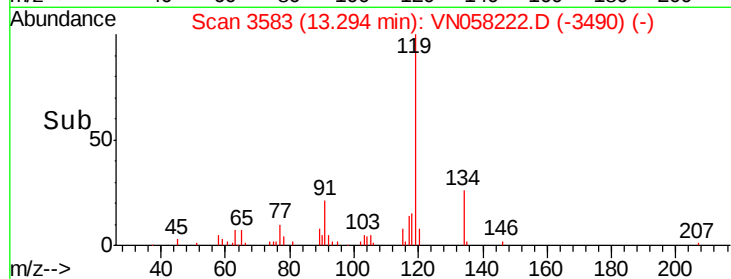
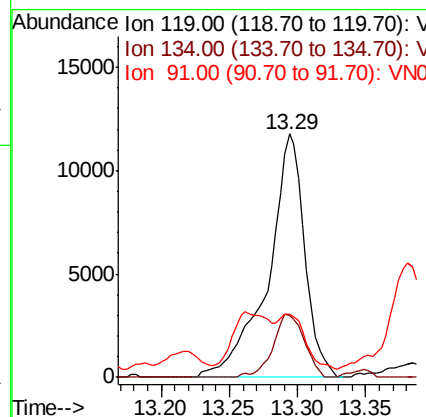
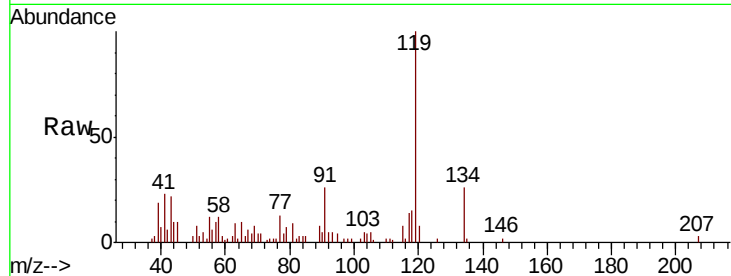




#86
 p-Isopropyltoluene
 Concen: 1.075 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN058222.D
 Acq: 19 Sep 2019 22:12

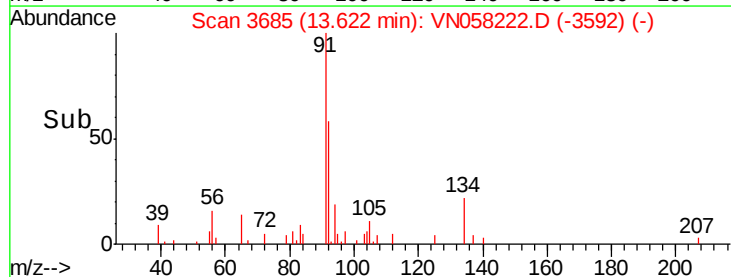
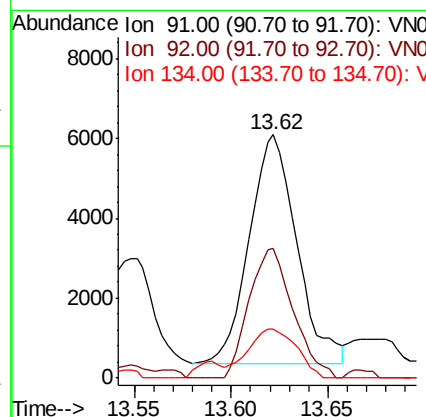
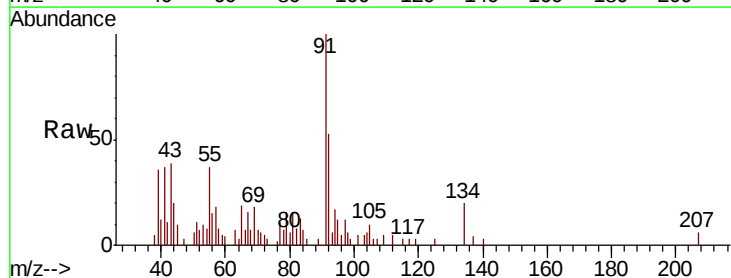
Instrument :
 MSVOA_N
 ClientSampleId :
 40278

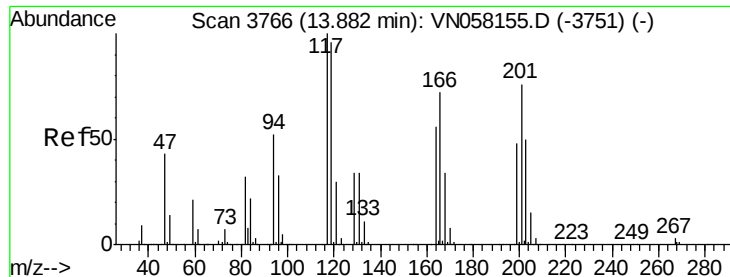
Tot Ion: 119 Resp: 21917
 Ion Ratio Lower Upper
 119 100
 134 22.1 12.7 38.0
 91 0.0 12.3 36.8#



#89
 n-Butylbenzene
 Concen: 0.504 ug/l
 RT: 13.62 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN058222.D
 Acq: 19 Sep 2019 22:12

Tgt Ion: 91 Resp: 9749
 Ion Ratio Lower Upper
 91 100
 92 52.6 25.7 77.0
 134 22.2 11.8 35.4





#90

Hexachloroethane

Concen: 2.941 ug/l

RT: 13.82 min Scan# 3747

Delta R.T. -0.06 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

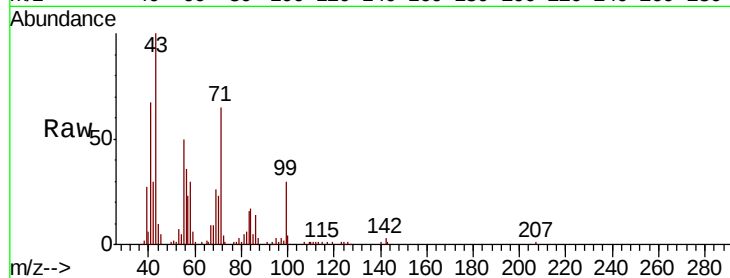
40278

Tot Ion:117 Resp: 449

Ion Ratio Lower Upper

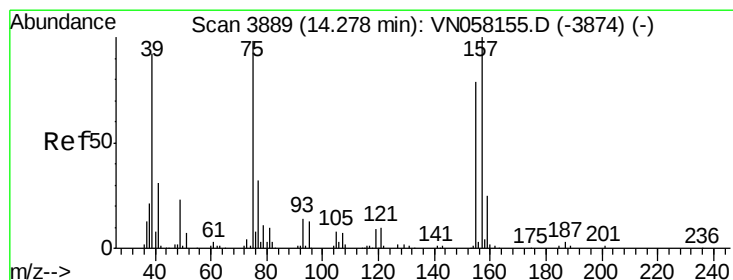
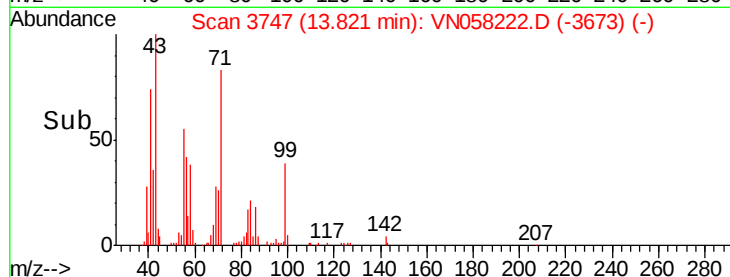
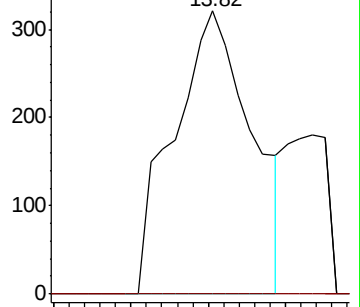
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.677 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN058222.D

Acq: 19 Sep 2019 22:12

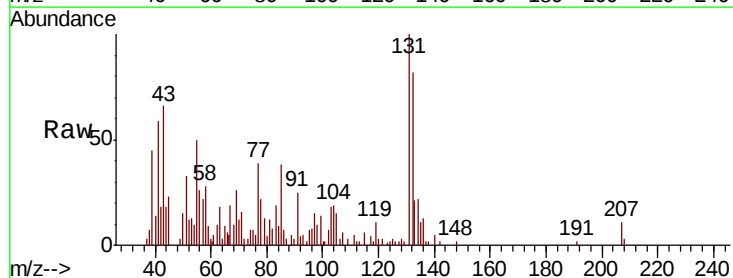
Tgt Ion: 75 Resp: 949

Ion Ratio Lower Upper

75 100

155 0.0 38.3 114.8#

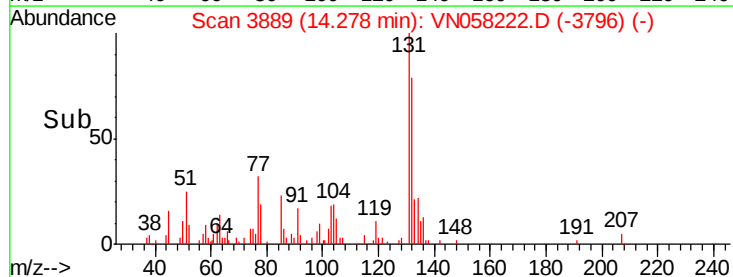
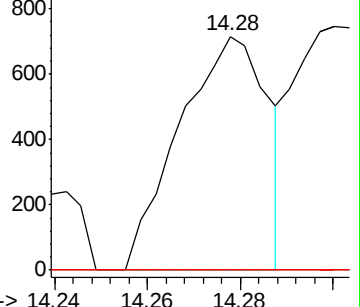
157 0.0 48.0 144.0#

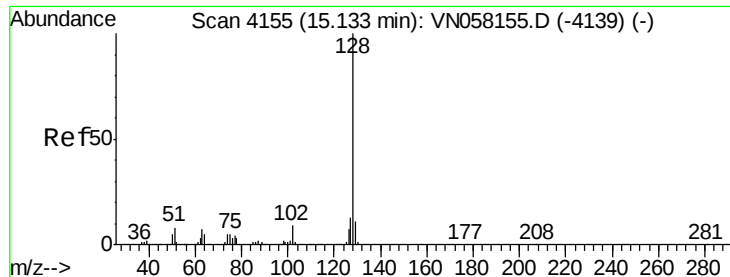


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 17.444 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058222.D
Acq: 19 Sep 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
40278

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.6	12.8

