

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058071.D
 Acq On : 14 Sep 2019 12:34
 Operator : JC/SP
 Sample : K4873-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	324532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	565834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	380055	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	7.58	113	256966	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.09	98	1031485	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.41	95	341073	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	

Target Compounds

					Qvalue
5) Bromomethane	2.55	94	206	Below Cal	# 2
8) Diethyl Ether	3.39	74	1570	0.618	ug/l 95
16) Acetone	3.80	43	16423	7.622	ug/l 96
17) Carbon Disulfide	4.03	76	396	0.232	ug/l # 75
18) Methyl Acetate	4.31	43	15794	2.749	ug/l 93
20) Methylene Chloride	4.54	84	55559	12.624	ug/l 97
25) 2-Butanone	6.83	43	1433	0.459	ug/l # 64
29) Tetrahydrofuran	7.19	42	585	0.304	ug/l # 43
30) Chloroform	7.35	83	7262	0.801	ug/l 91
31) Cyclohexane	7.64	56	7595	Below Cal	# 17
36) 1,1-Dichloropropene	7.65	75	26839	4.090	ug/l # 50
38) Carbon Tetrachloride	7.65	117	32634	5.447	ug/l # 15
40) Benzene	8.03	78	6948	0.352	ug/l 95
43) Isopropyl Acetate	8.15	43	132172	11.592	ug/l # 83
45) 1,2-Dichloropropane	9.27	63	1789	0.311	ug/l # 44
47) Bromodichloromethane	9.39	83	1808	0.261	ug/l # 88
48) Methyl methacrylate	9.17	41	6210	1.074	ug/l # 13
51) 4-Methyl-2-Pentanone	9.98	43	7880	1.168	ug/l 95
52) Toluene	10.15	92	14168	1.139	ug/l 88
54) cis-1,3-Dichloropropene	9.90	75	43157	5.351	ug/l # 65
56) Ethyl methacrylate	10.54	69	2176	0.274	ug/l # 1
57) 1,3-Dichloropropane	10.76	76	6768	0.745	ug/l # 43
59) 2-Hexanone	10.76	43	110907	21.930	ug/l # 53
68) m/p-Xylenes	11.62	106	7059	0.809	ug/l 96
69) o-Xylene	11.95	106	3614	0.417	ug/l 98
71) Bromoform	12.40	173	752	0.256	ug/l # 30
74) N-amyl acetate	12.03	43	3078	0.334	ug/l # 51
76) 1,2,3-Trichloropropane	12.41	75	185635	30.100	ug/l # 100
80) 1,3,5-Trimethylbenzene	12.74	105	5285	0.296	ug/l 98
81) trans-1,4-Dichloro-2-buten	12.41	75	185635	105.923	ug/l # 6
84) 1,2,4-Trimethylbenzene	13.05	105	6301	0.347	ug/l 100
95) Naphthalene	15.13	128	233093	13.457	ug/l 99

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

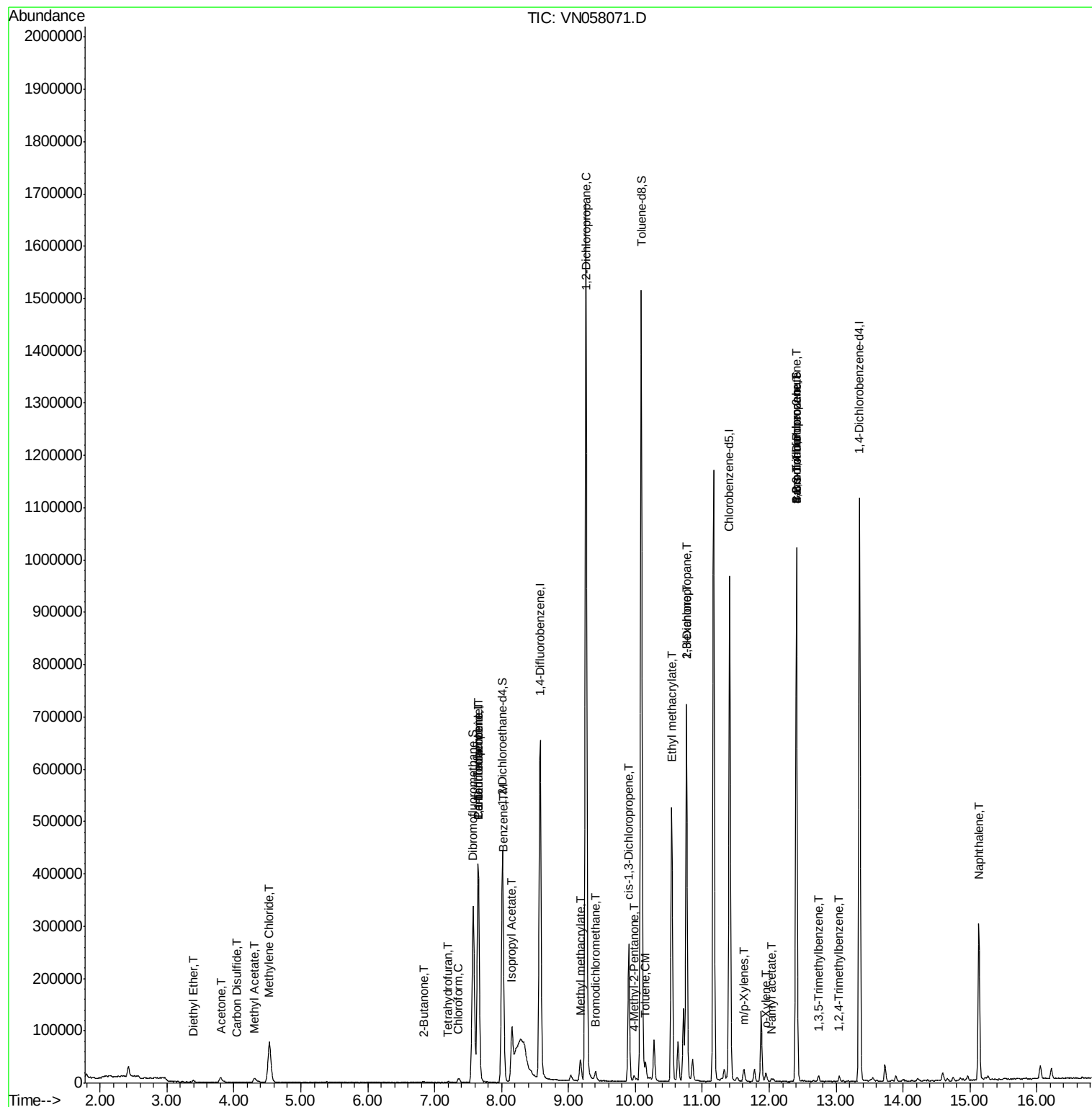
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

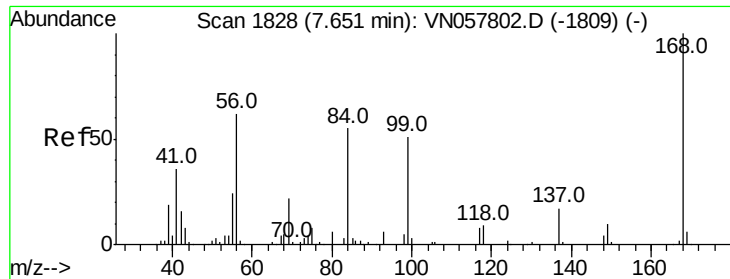
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
Data File : VN058071.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: VN058071.D

Acq: 14 Sep 2019 12:34

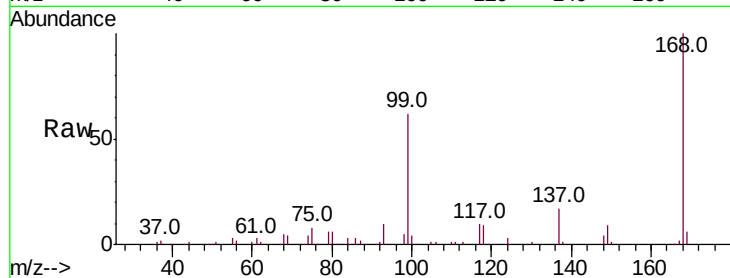
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 324532

Ion Ratio Lower Upper

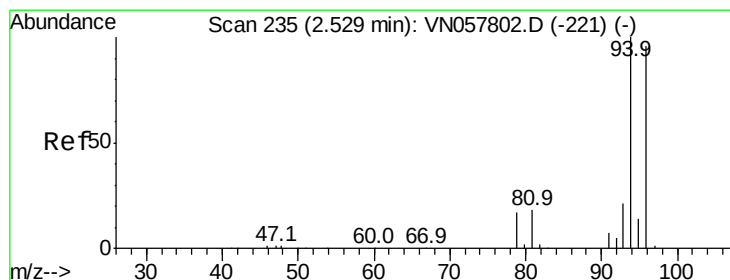
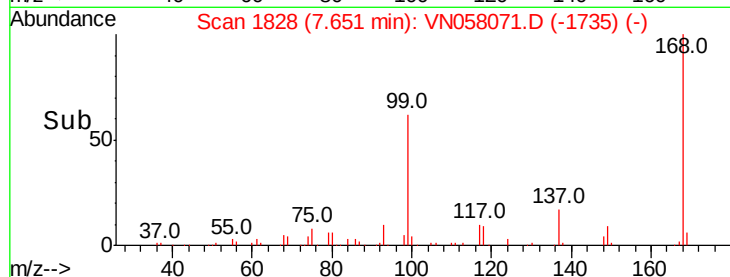
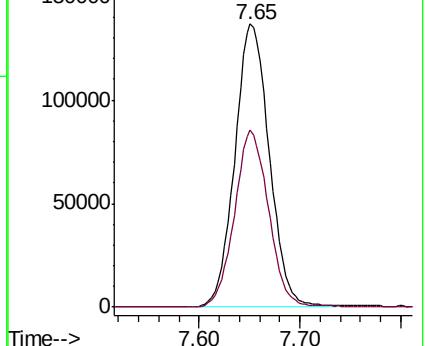
168 100

99 62.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN058071.D

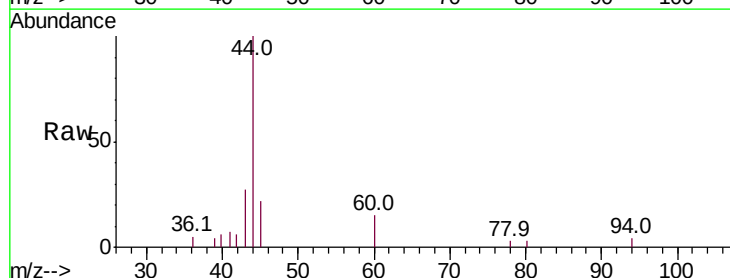
Acq: 14 Sep 2019 12:34

Tgt Ion: 94 Resp: 206

Ion Ratio Lower Upper

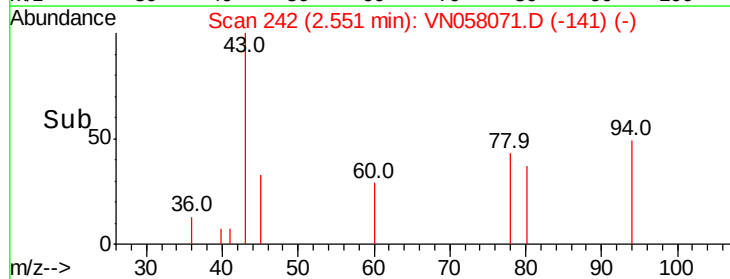
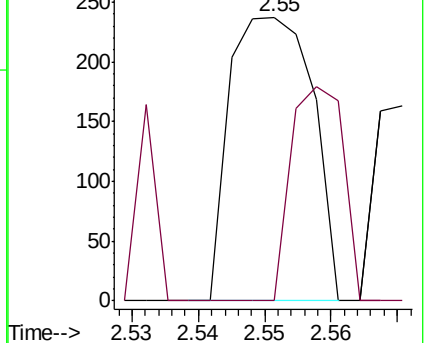
94 100

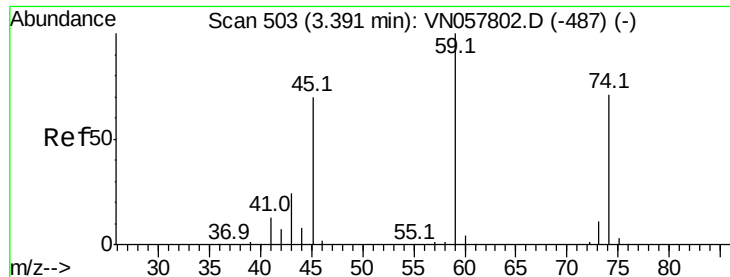
96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#8

Diethyl Ether

Concen: 0.618 ug/l

RT: 3.39 min Scan# 504

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

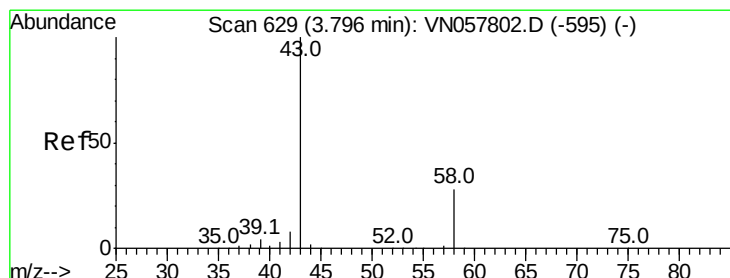
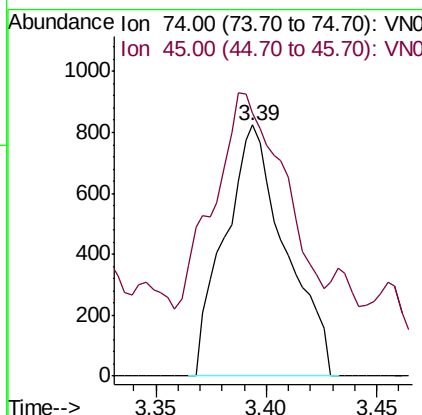
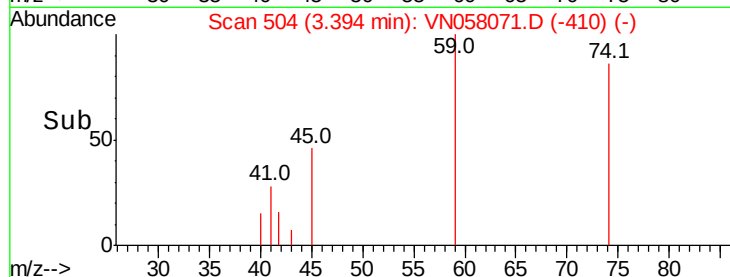
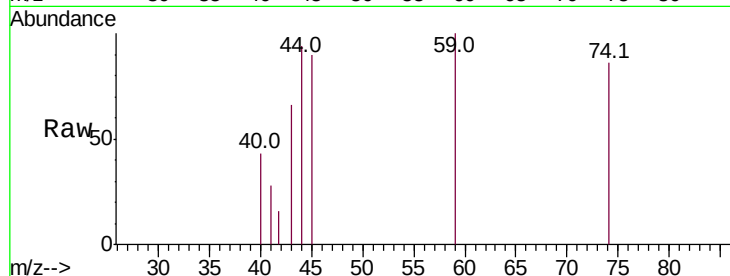
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 74 Resp: 1570

Ion Ratio Lower Upper

74 100

45 96.1 50.3 151.0



#16

Acetone

Concen: 7.622 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058071.D

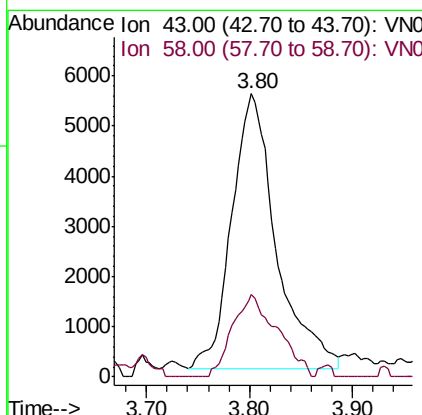
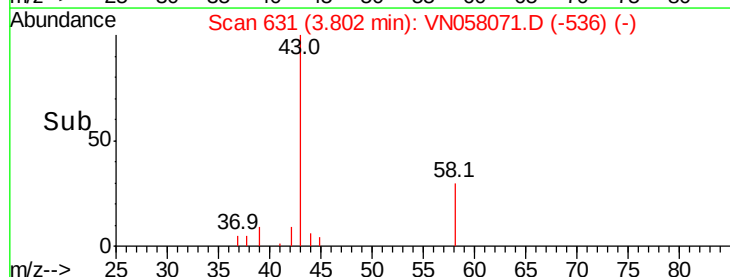
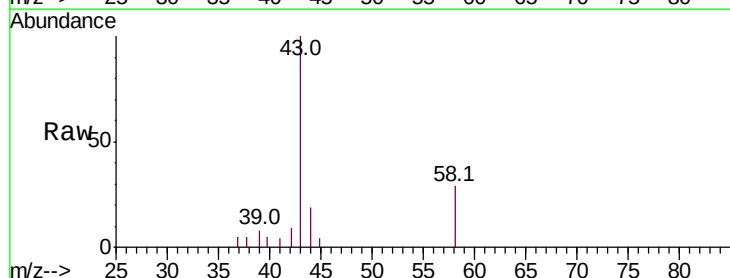
Acq: 14 Sep 2019 12:34

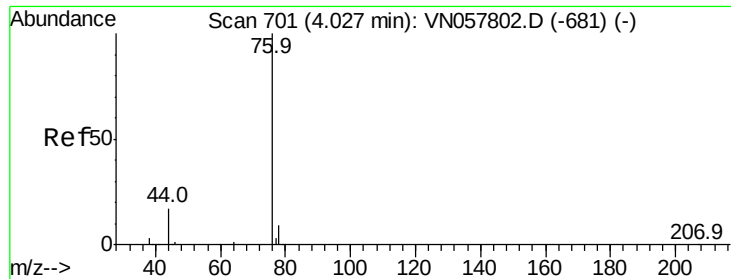
Tgt Ion: 43 Resp: 16423

Ion Ratio Lower Upper

43 100

58 29.8 22.2 33.2

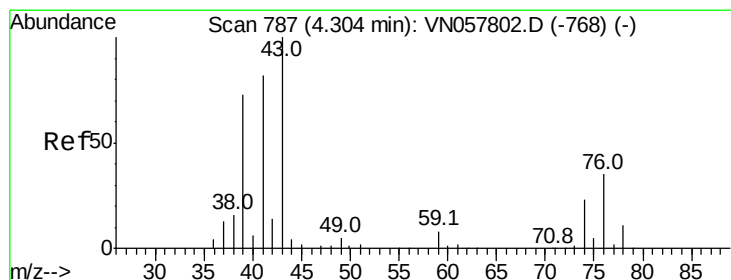
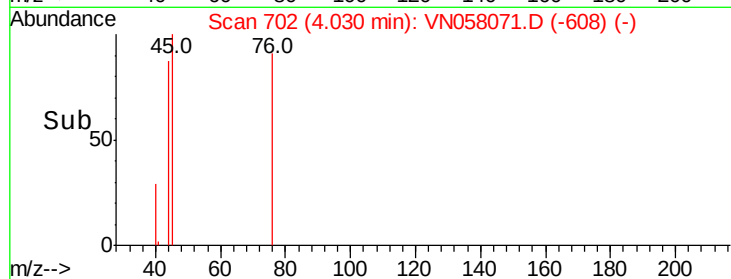
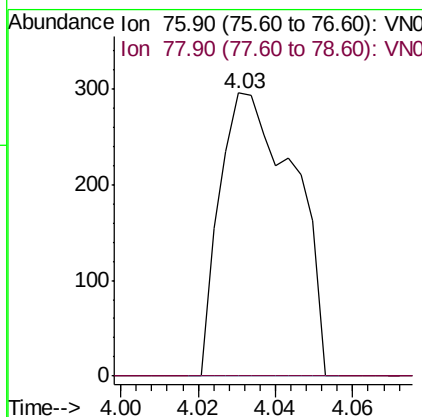
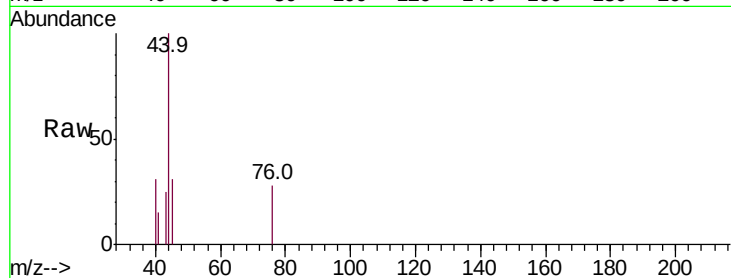




#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

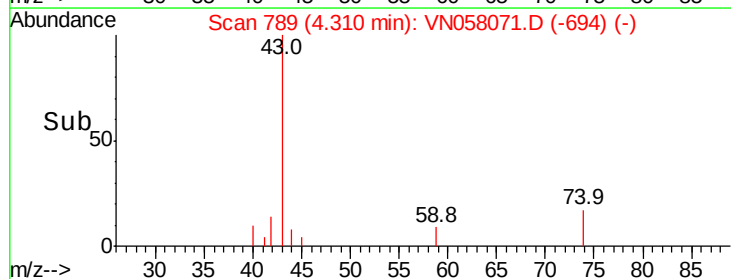
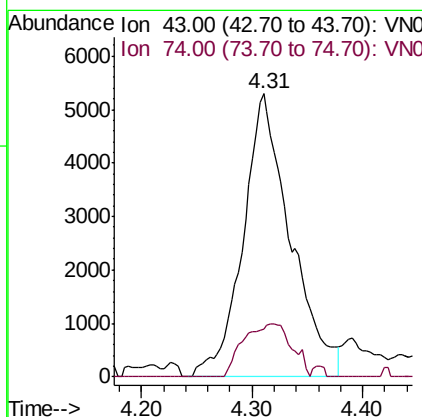
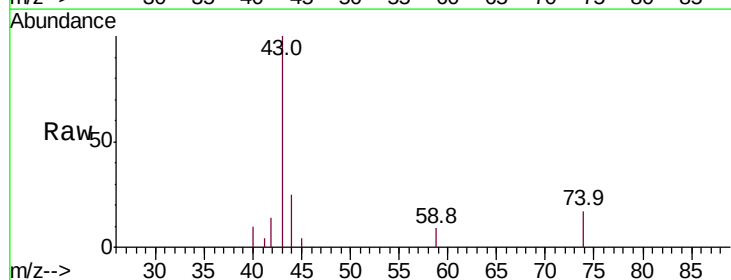
Instrument :
MSVOA_N
ClientSampled :

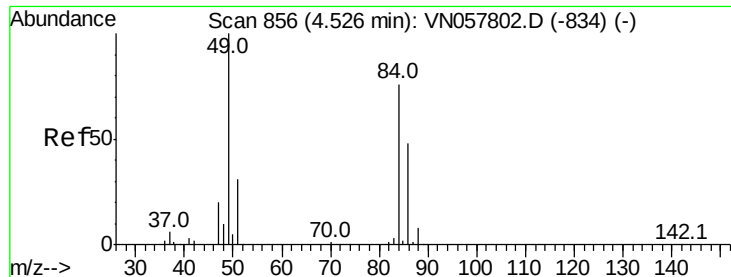
Tot Ion: 76 Resp: 396
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 2.749 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

Tgt Ion: 43 Resp: 15794
Ion Ratio Lower Upper
43 100
74 19.1 17.9 26.9

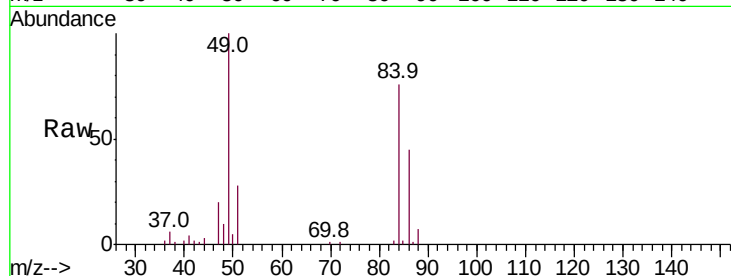




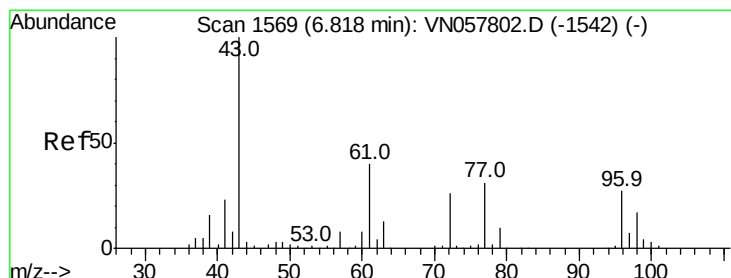
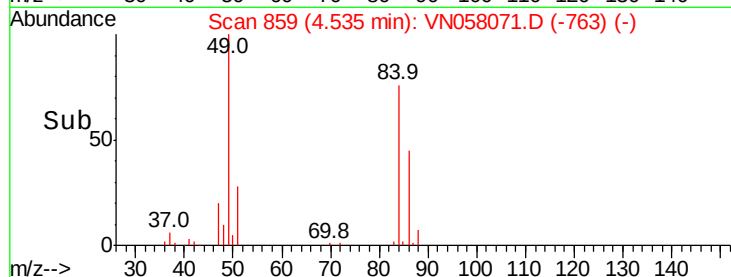
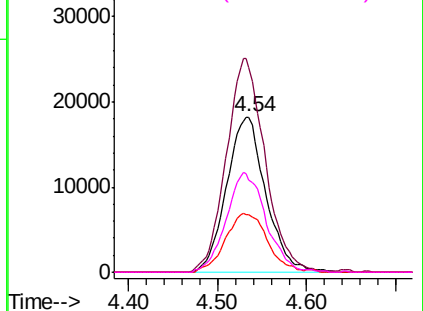
#20
Methylene Chloride
Concen: 12.624 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 55559
Ion Ratio Lower Upper
84 100
49 132.4 104.8 157.2
51 36.9 33.0 49.4
86 59.6 50.5 75.7

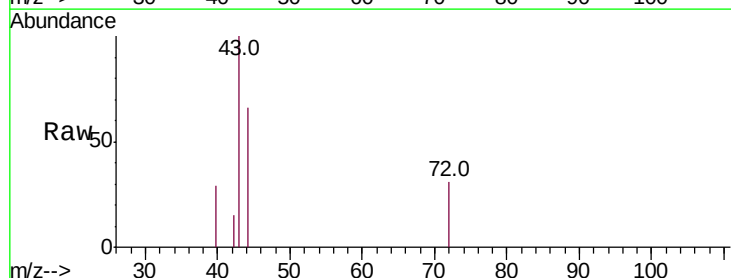


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

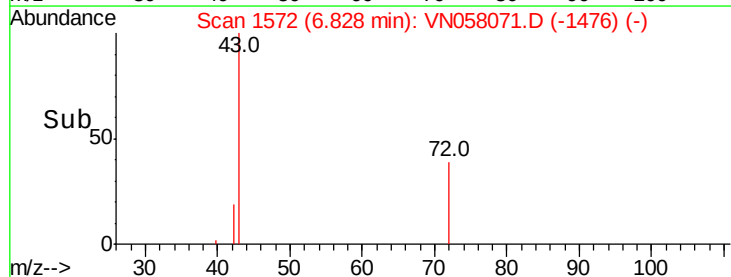
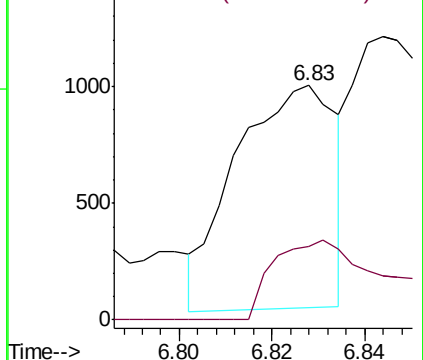


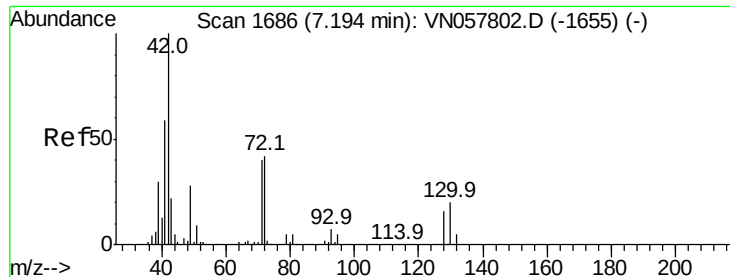
#25
2-Butanone
Concen: 0.459 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
72 43.8 20.6 30.8#



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





#29

Tetrahydrofuran

Concen: 0.304 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampled :

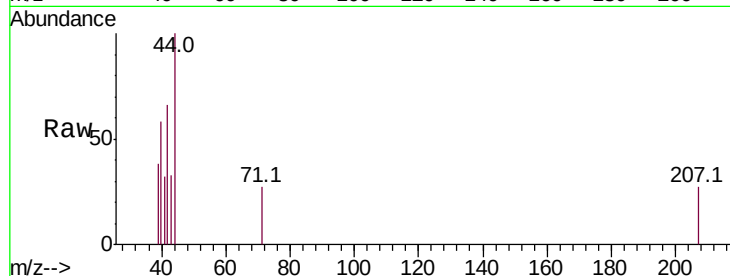
Tot Ion: 42 Resp: 585

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

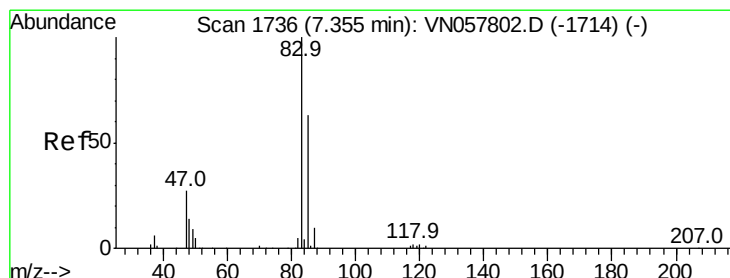
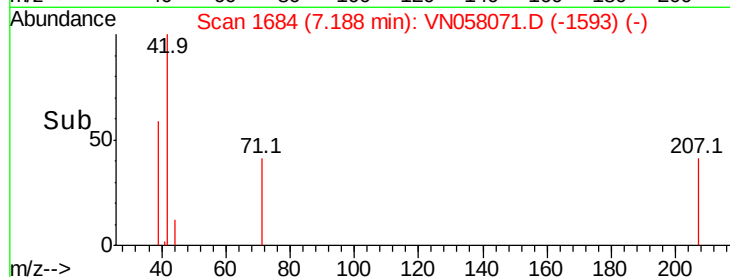
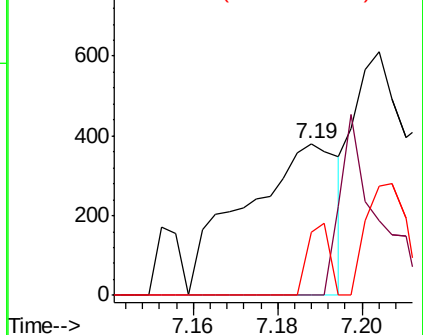
71 11.3 31.9 47.9#



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: 0.801 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN058071.D

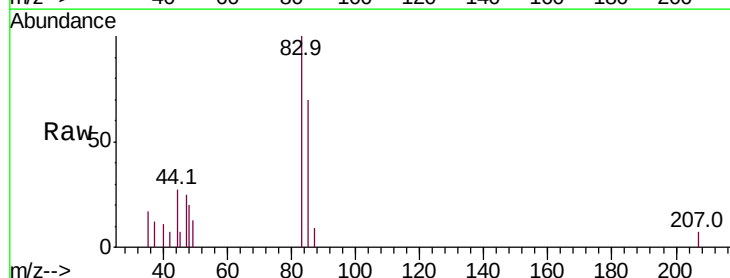
Acq: 14 Sep 2019 12:34

Tgt Ion: 83 Resp: 7262

Ion Ratio Lower Upper

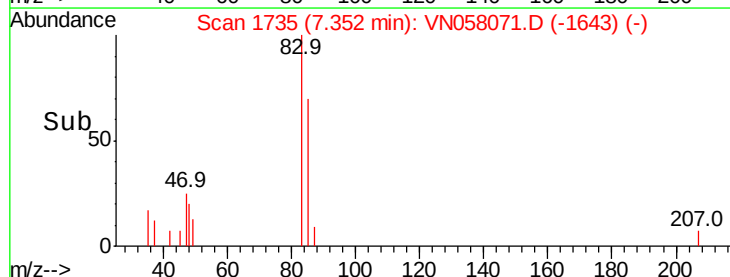
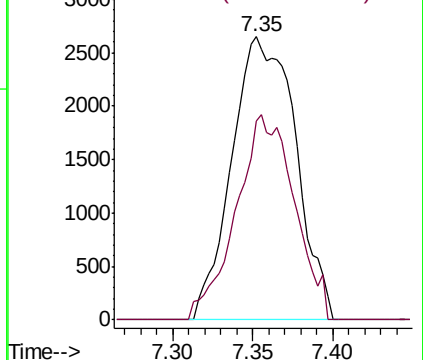
83 100

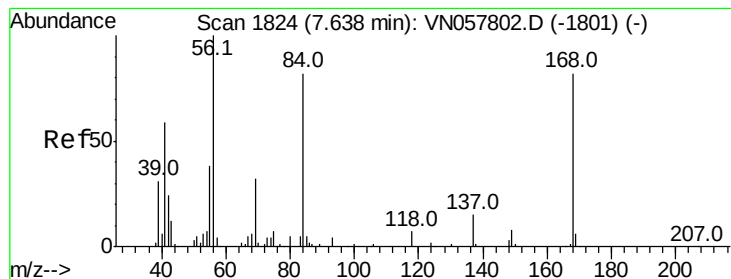
85 70.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

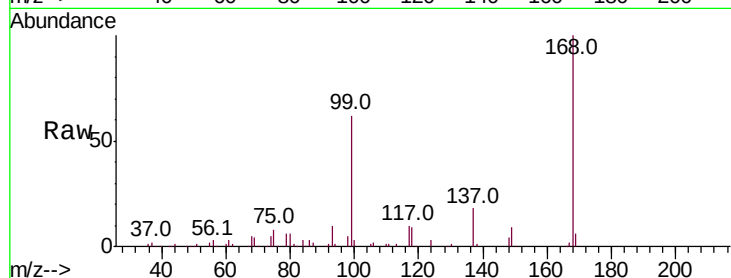
Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

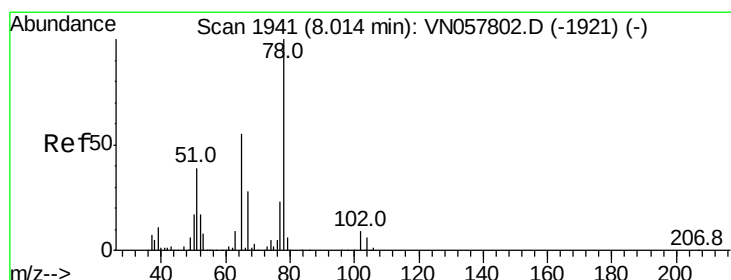
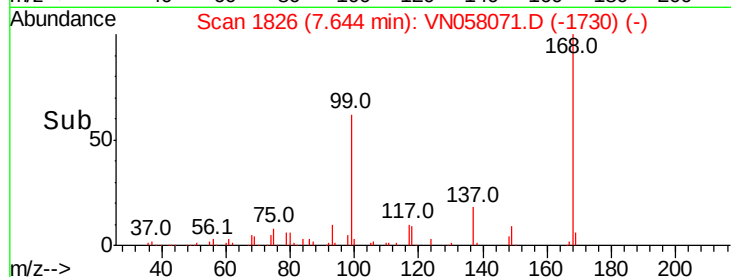
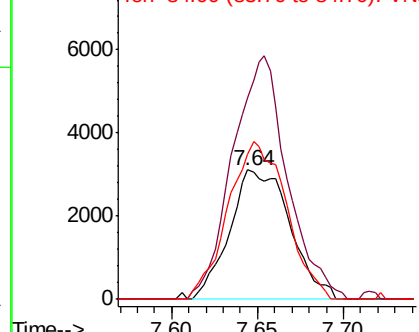
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 7595

Ion	Ratio	Lower	Upper
56	100		
69	150.0	25.9	38.9#
84	111.7	65.6	98.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.819 ug/l

RT: 8.01 min Scan# 1941

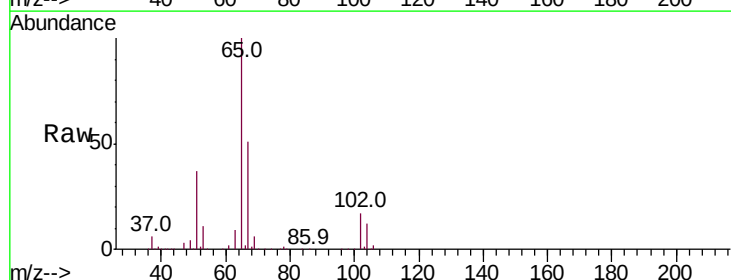
Delta R.T. 0.00 min

Lab File: VN058071.D

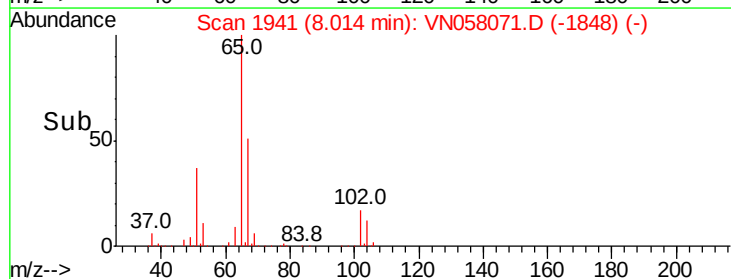
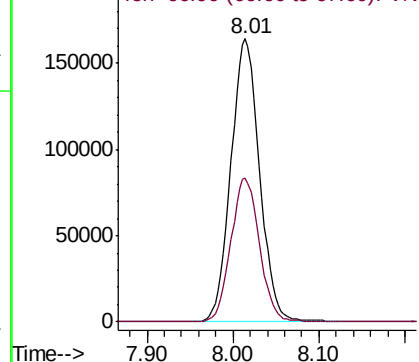
Acq: 14 Sep 2019 12:34

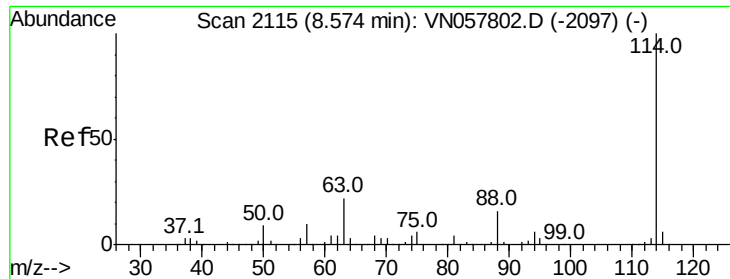
Tgt Ion: 65 Resp: 380055

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

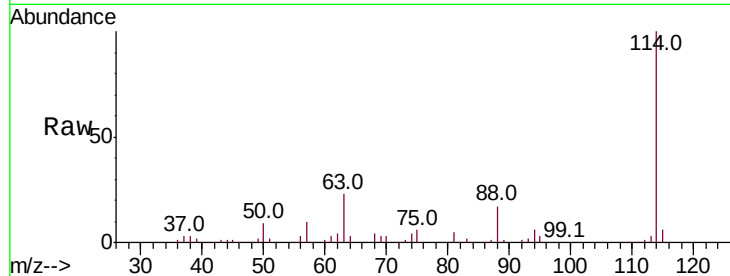




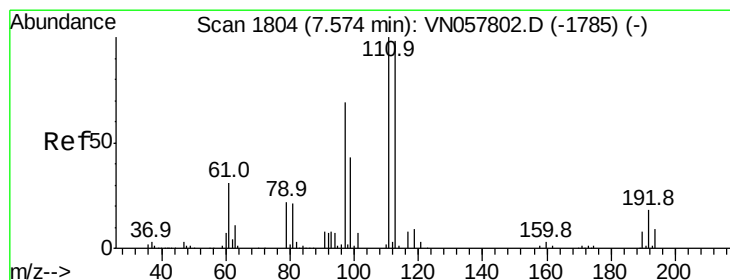
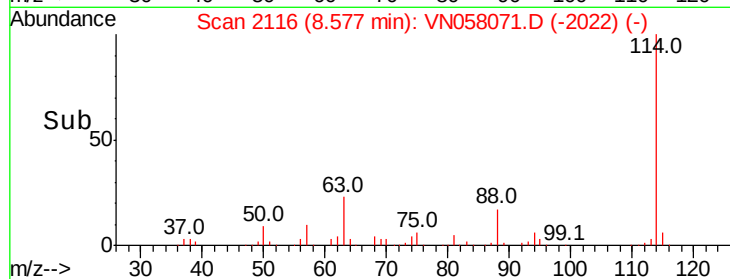
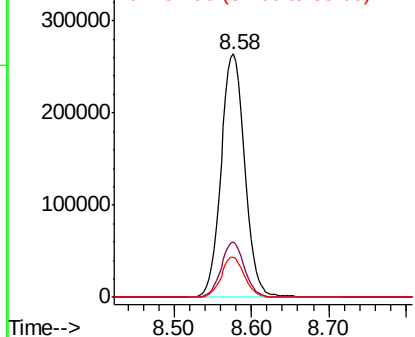
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.0
88	16.6	0.0	31.4

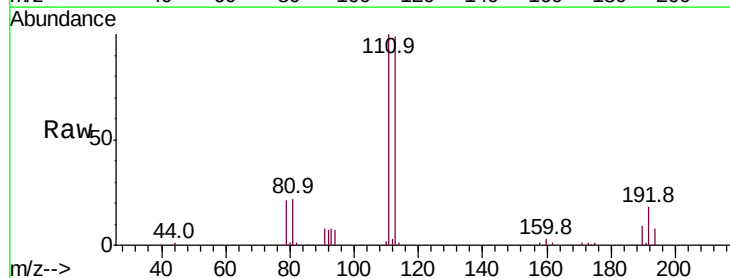


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

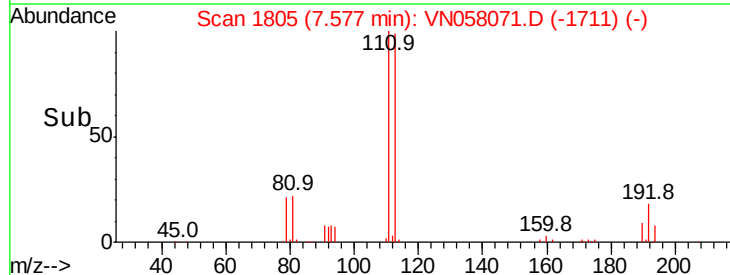
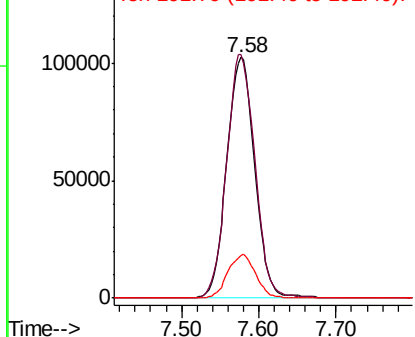


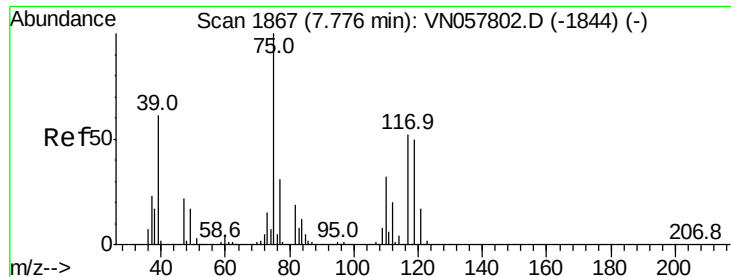
#35
 Dibromofluoromethane
 Concen: 49.204 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.3	121.9
192	18.0	14.6	22.0



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

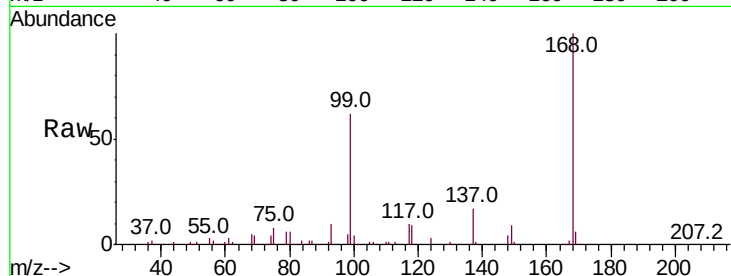




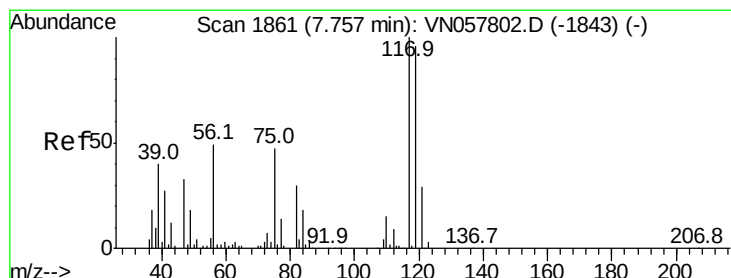
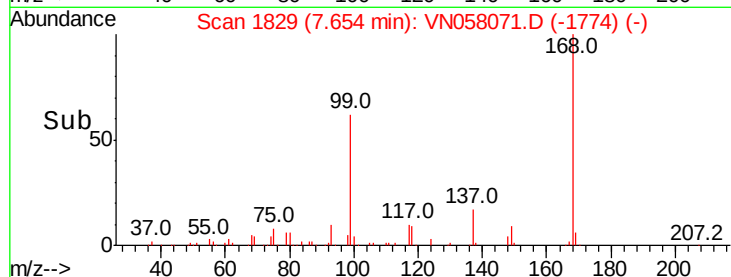
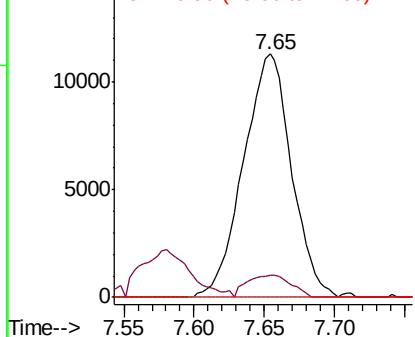
#36
 1,1-Dichloropropene
 Concen: 4.090 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.3	48.9#
77	0.0	25.0	37.4#

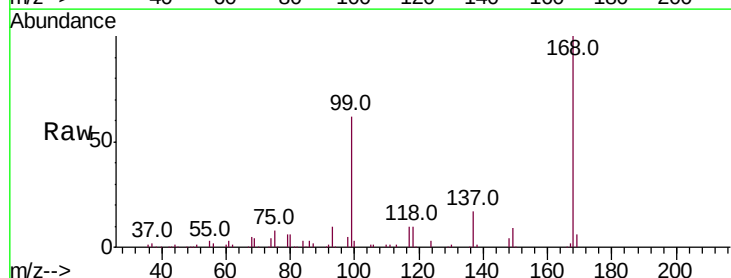


Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-1844) (-)
 Ion 109.90 (109.60 to 110.60): VN057802.D (-1844) (-)
 Ion 76.90 (76.60 to 77.60): VN057802.D (-1844) (-)

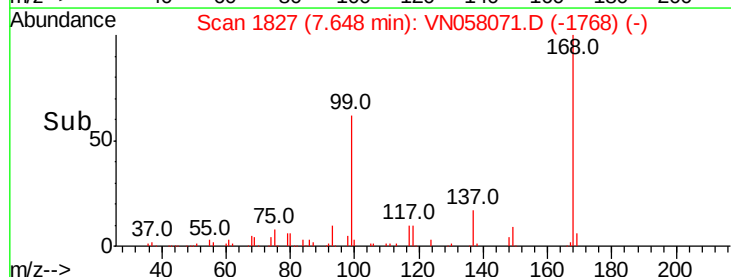
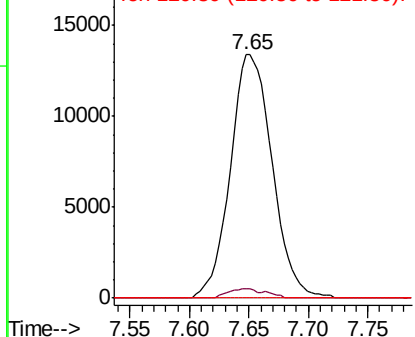


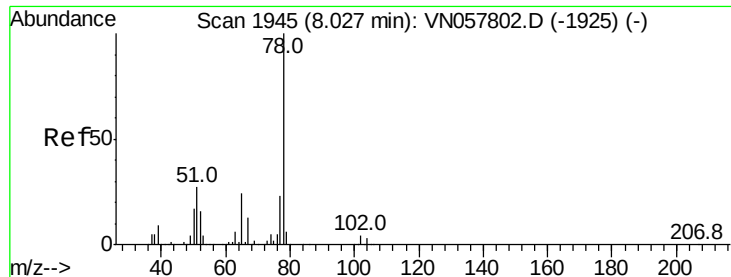
#38
 Carbon Tetrachloride
 Concen: 5.447 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.9	115.3#
121	0.0	23.4	35.2#



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-1843) (-)
 Ion 118.80 (118.50 to 119.50): VN057802.D (-1843) (-)
 Ion 120.80 (120.50 to 121.50): VN057802.D (-1843) (-)





#40

Benzene

Concen: 0.352 ug/l

RT: 8.03 min Scan# 1947

Delta R.T. 0.01 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

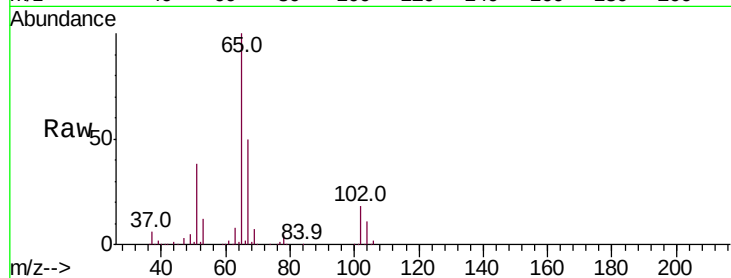
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 78 Resp: 6948

Ion Ratio Lower Upper

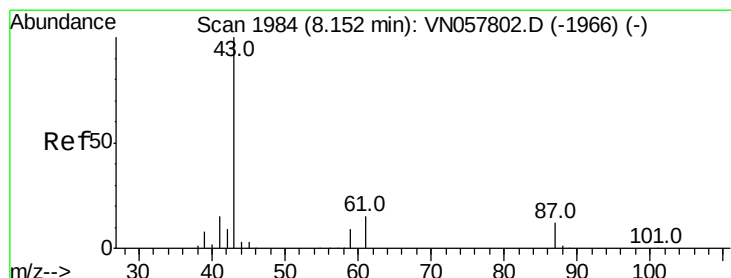
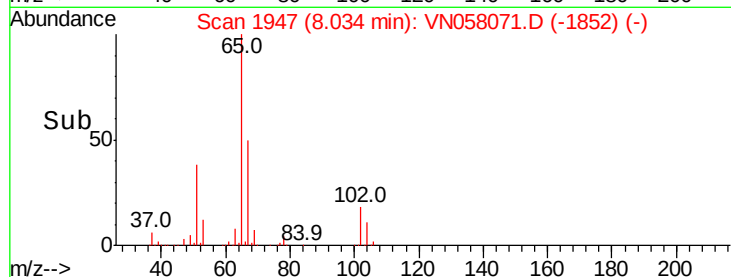
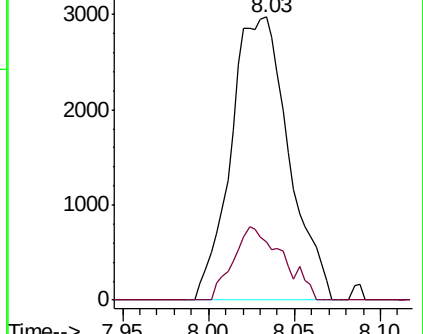
78 100

77 20.4 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 11.592 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

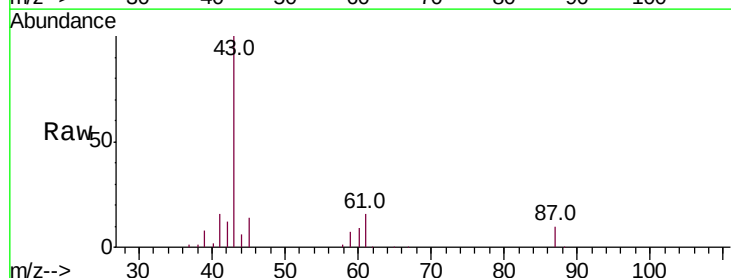
Tgt Ion: 43 Resp: 132172

Ion Ratio Lower Upper

43 100

61 14.2 20.1 30.1#

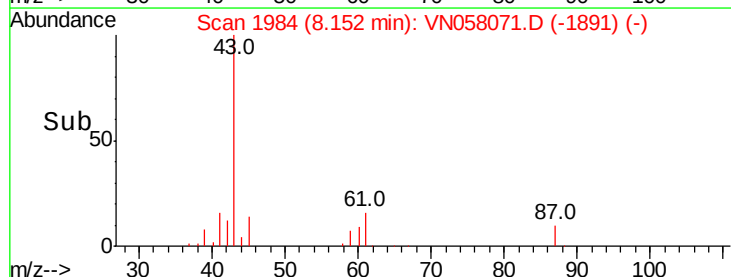
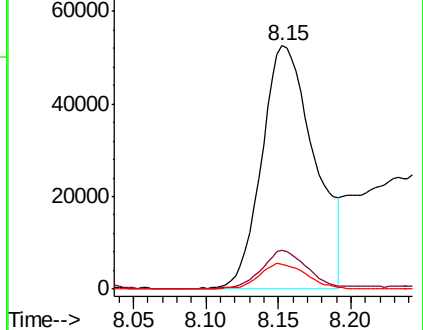
87 9.5 9.5 14.3#

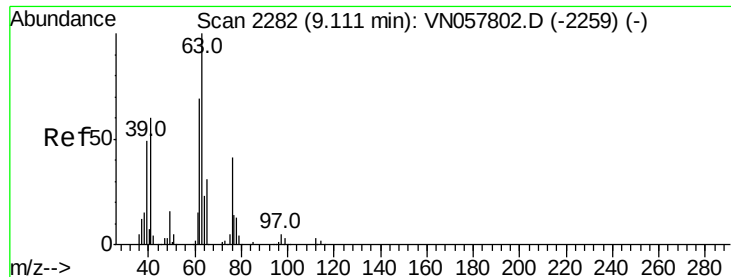


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.311 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.16 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

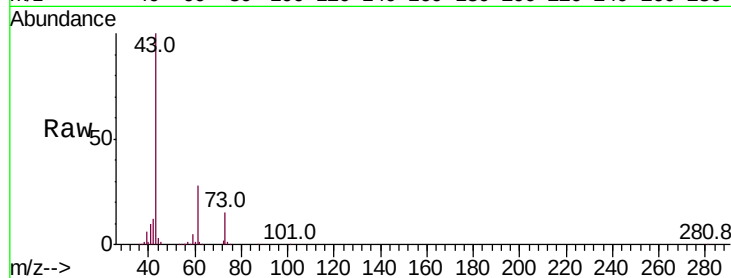
ClientSampleId :

Tot Ion: 63 Resp: 1789

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

1200

1000

800

600

400

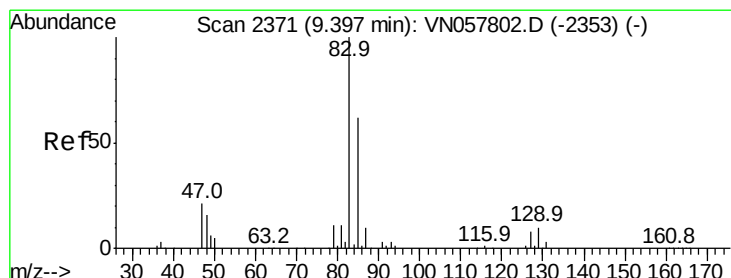
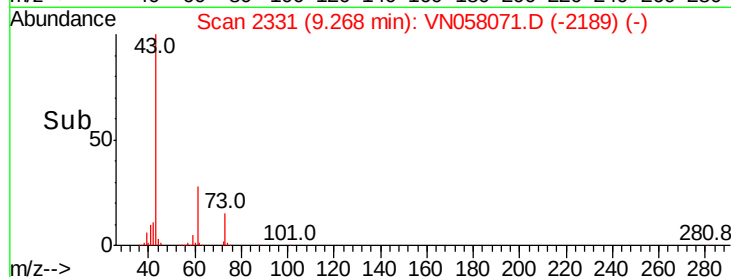
200

0

9.25

9.30

Time-->



#47

Bromodichloromethane

Concen: 0.261 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

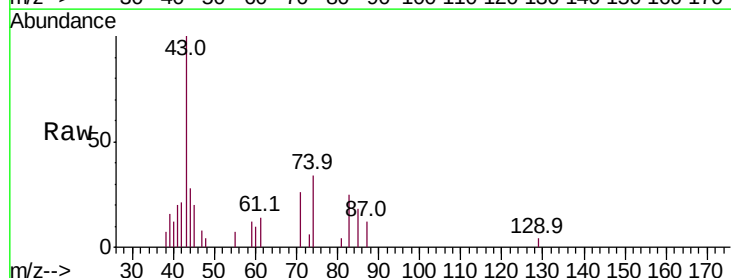
Tgt Ion: 83 Resp: 1808

Ion Ratio Lower Upper

83 100

85 70.8 49.9 74.9

127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

9.39

1000

500

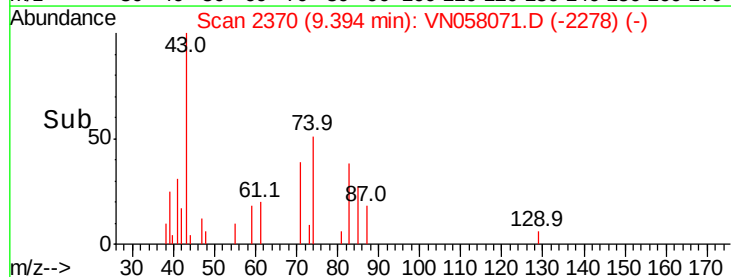
0

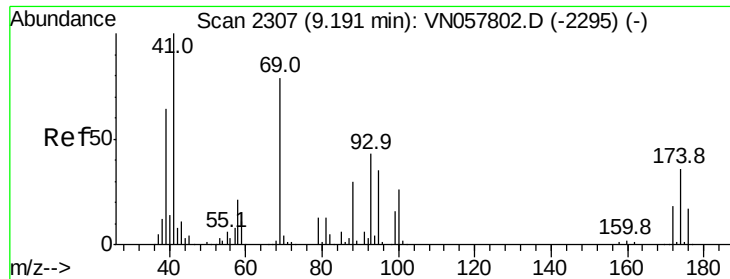
9.35

9.40

9.45

Time-->

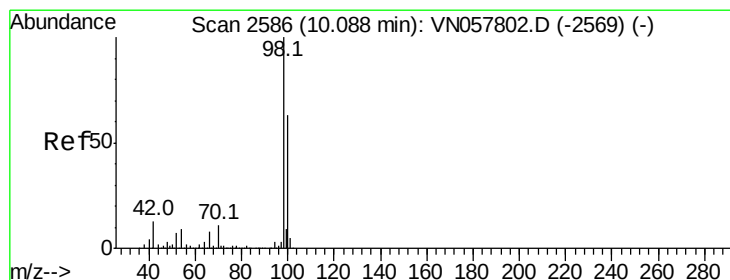
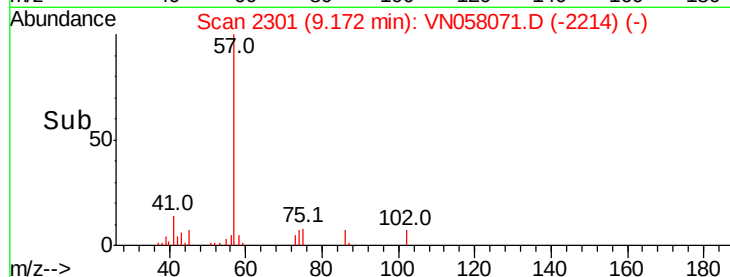
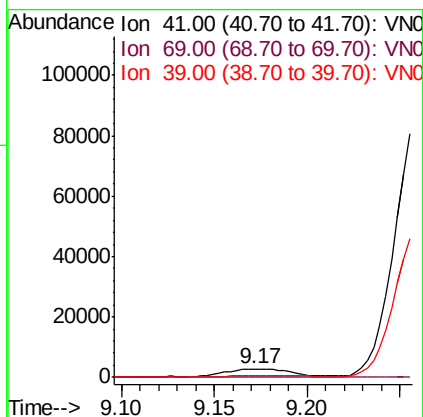
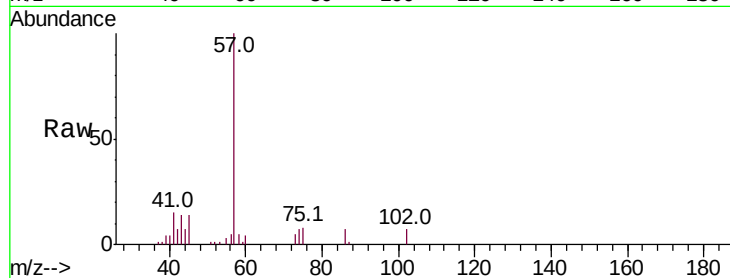




#48
Methvl methacrylate
Concen: 1.074 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

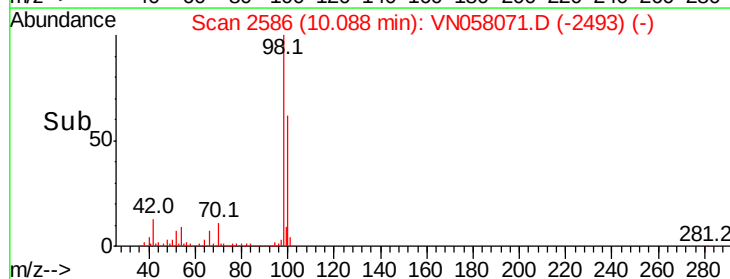
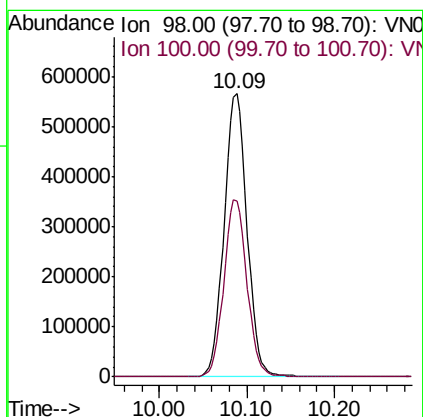
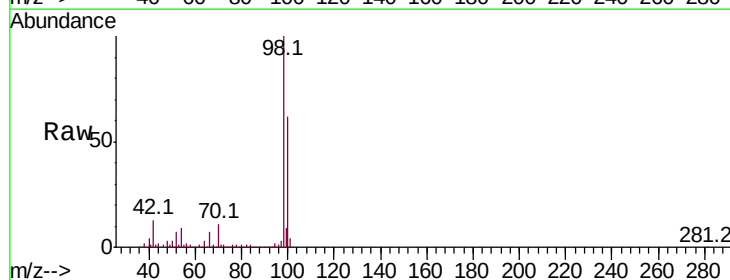
Instrument :
MSVOA_N
ClientSampled :

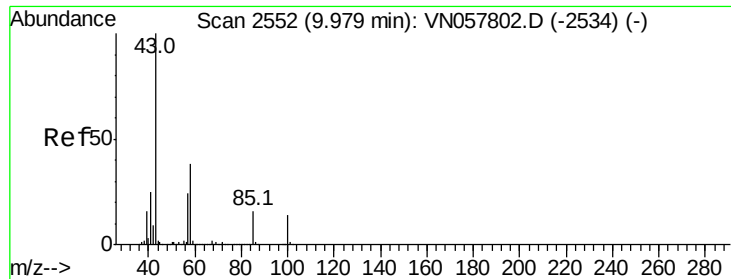
Tot Ion: 41 Resp: 6210
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 0.0 52.7 79.1#



#50
Toluene-d8
Concen: 50.872 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058071.D
Acq: 14 Sep 2019 12:34

Tgt Ion: 98 Resp: 1031485
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.168 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

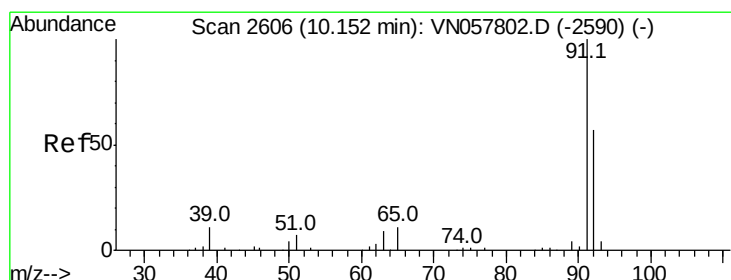
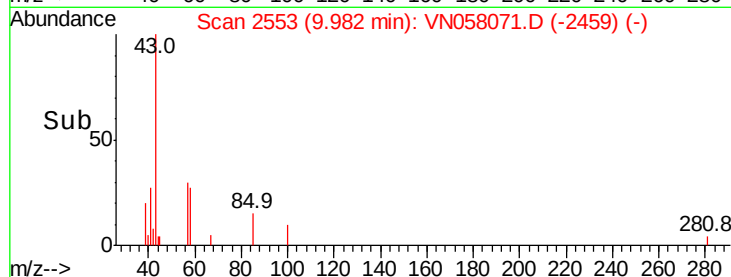
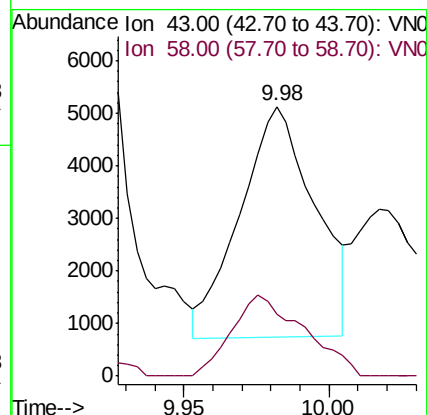
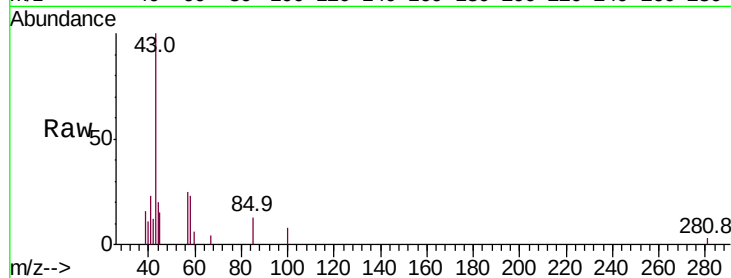
ClientSampled :

Tot Ion: 43 Resp: 7880

Ion Ratio Lower Upper

43 100

58 34.0 29.8 44.6



#52

Toluene

Concen: 1.139 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058071.D

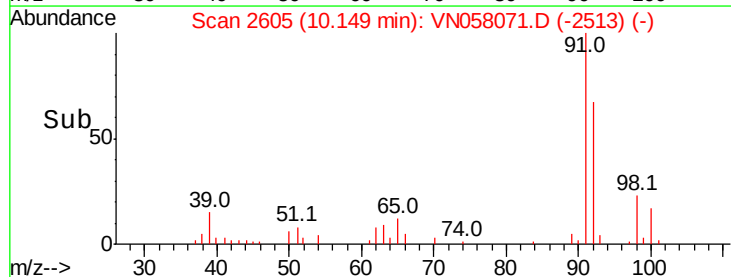
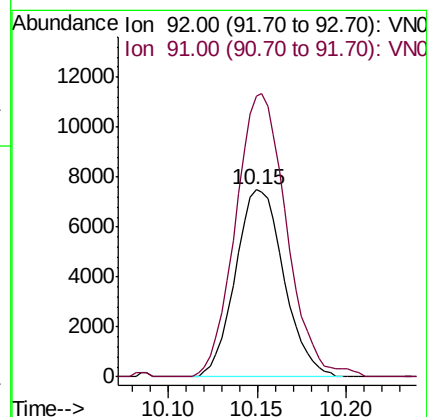
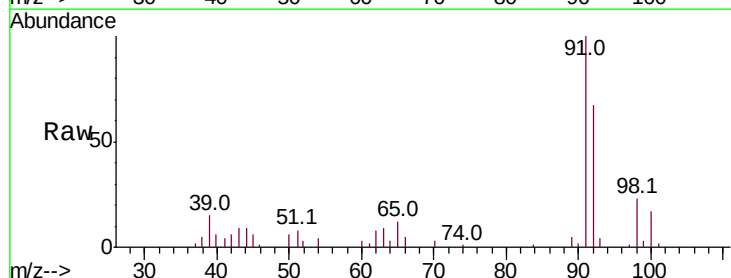
Acq: 14 Sep 2019 12:34

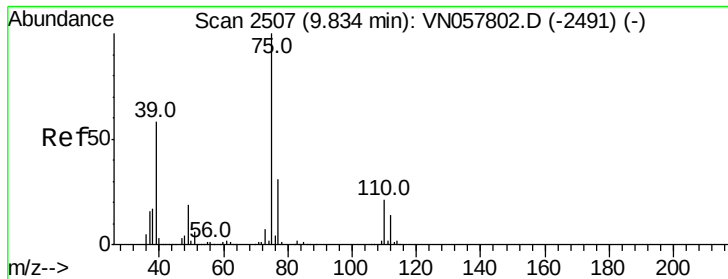
Tgt Ion: 92 Resp: 14168

Ion Ratio Lower Upper

92 100

91 159.5 141.0 211.6





#54

cis-1,3-Dichloropropene

Concen: 5.351 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

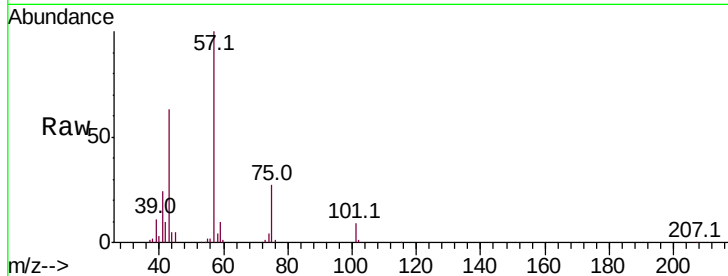
Tot Ion: 75 Resp: 43157

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

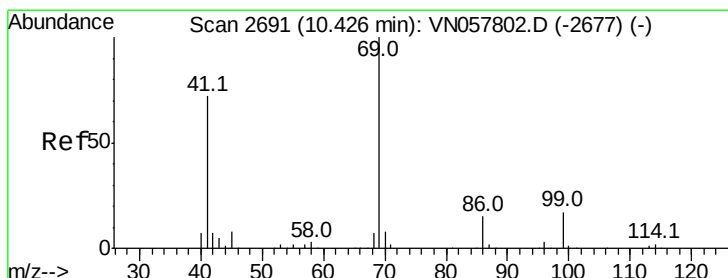
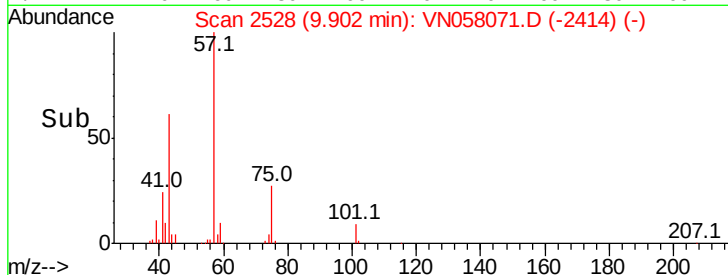
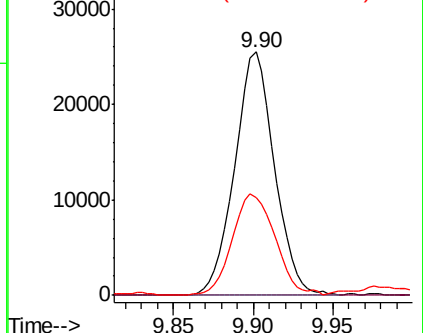
39 40.4 46.2 69.4#



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: 0.274 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.11 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

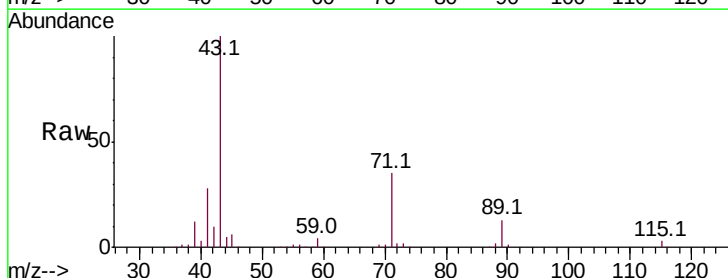
Tgt Ion: 69 Resp: 2176

Ion Ratio Lower Upper

69 100

41 5004.5 56.7 85.1#

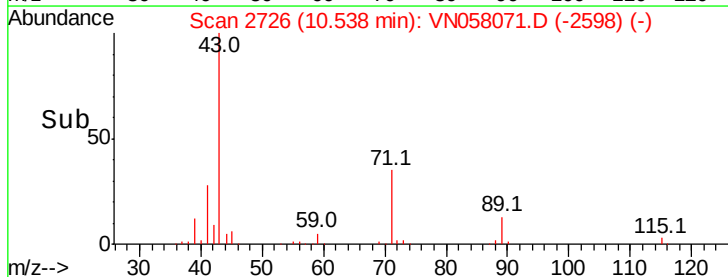
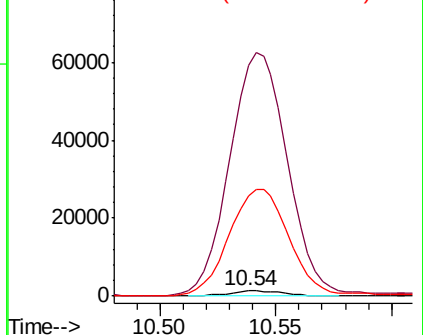
39 2304.3 36.3 54.5#

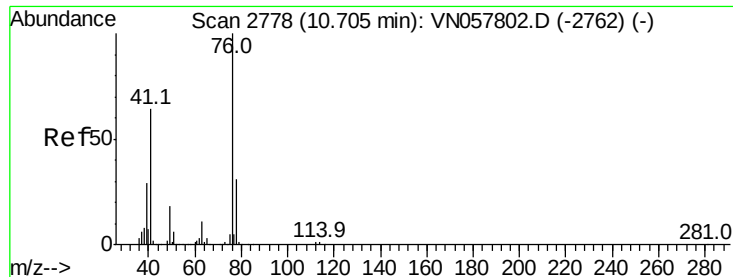


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.745 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

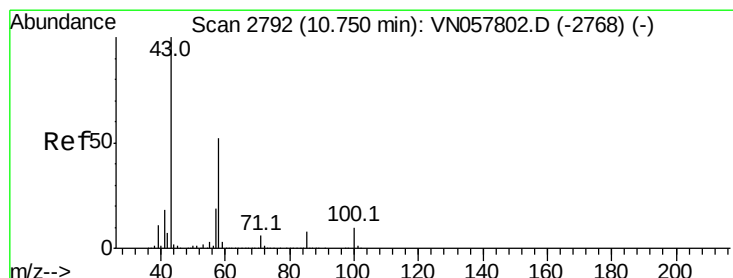
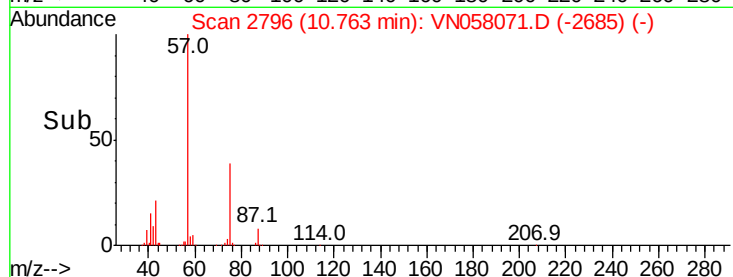
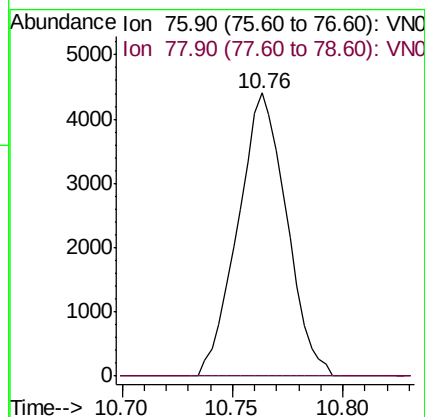
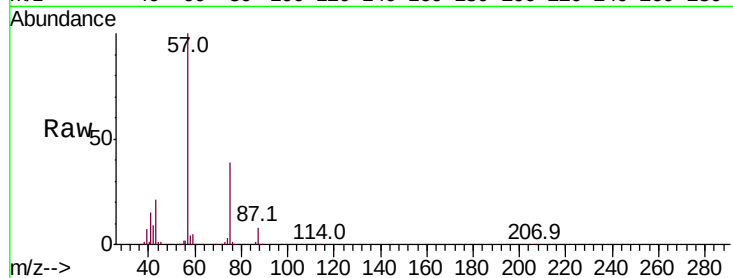
ClientSampled :

Tot Ion: 76 Resp: 6768

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#



#59

2-Hexanone

Concen: 21.930 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058071.D

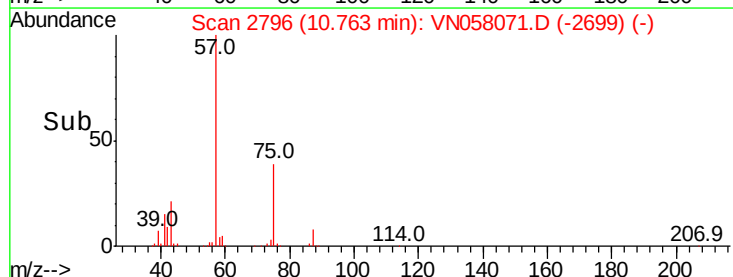
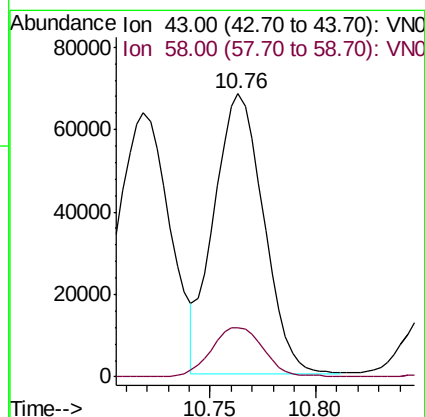
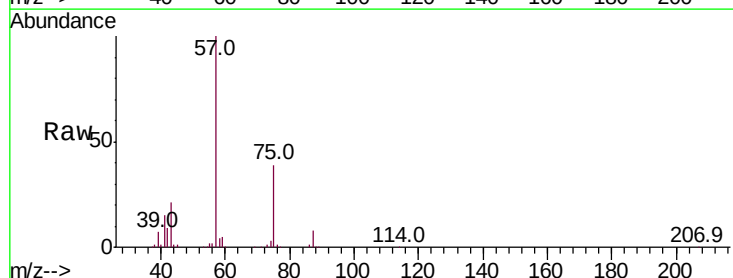
Acq: 14 Sep 2019 12:34

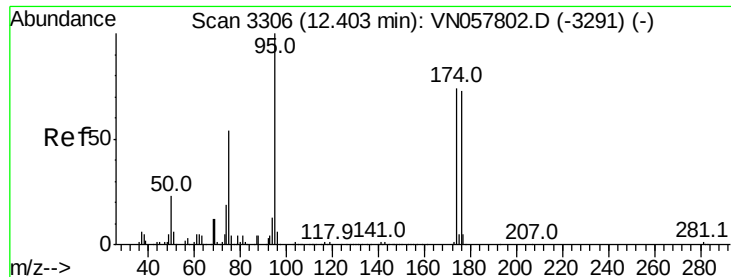
Tgt Ion: 43 Resp: 110907

Ion Ratio Lower Upper

43 100

58 18.7 25.6 76.8#





#62

4-Bromofluorobenzene

Concen: 44.140 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampled :

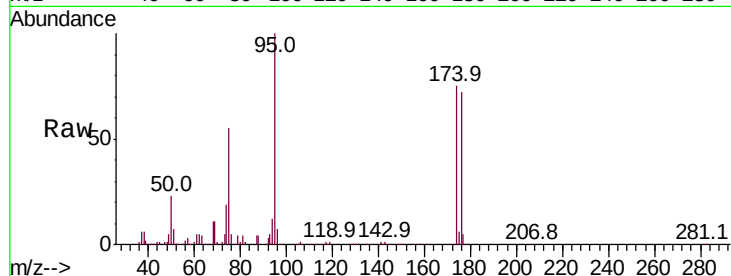
Tot Ion: 95 Resp: 341073

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 72.7 0.0 146.0

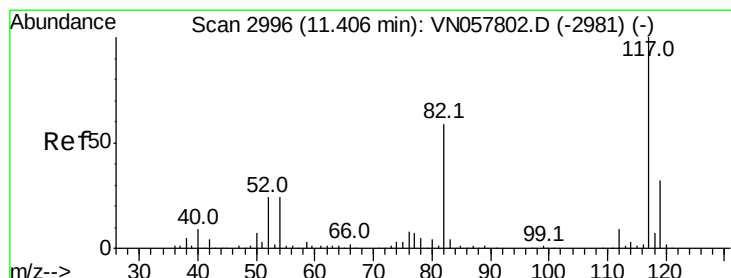
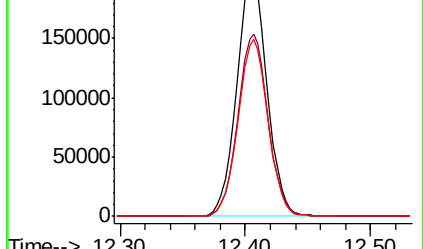
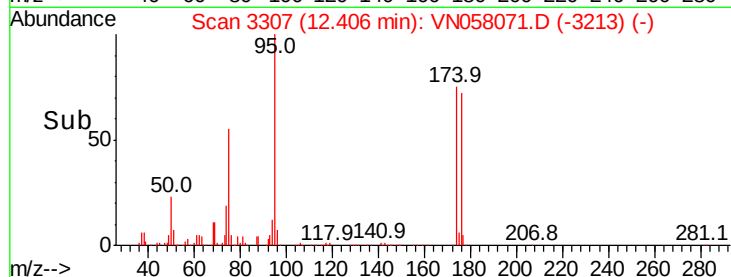


Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

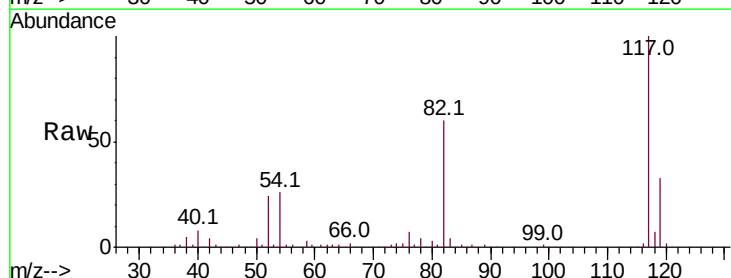
Tgt Ion: 117 Resp: 519339

Ion Ratio Lower Upper

117 100

82 59.7 47.2 70.8

119 32.5 25.3 37.9

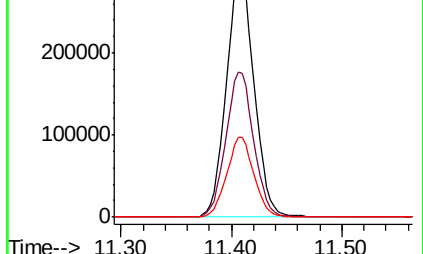
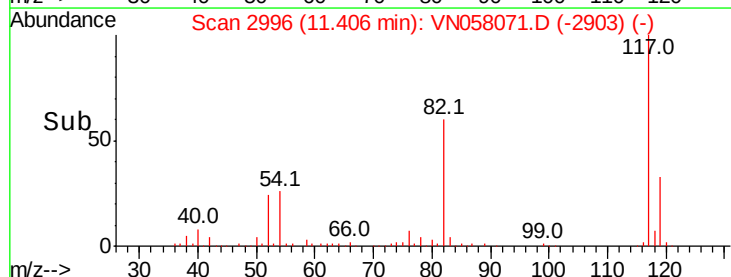


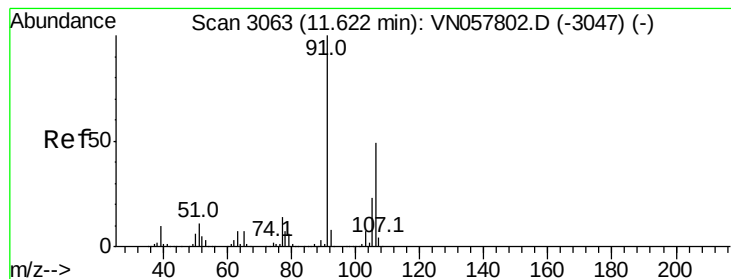
Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

Time--> 11.30 11.40 11.50





#68

m/p-Xylenes

Concen: 0.809 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

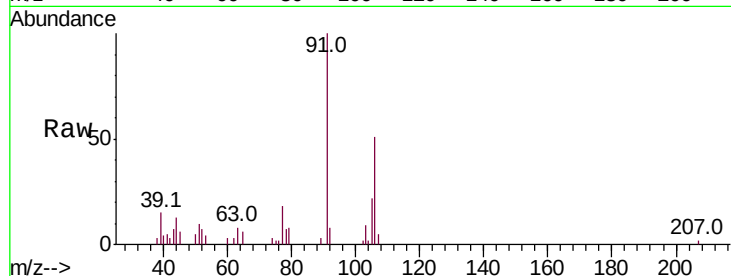
ClientSampleId :

Tot Ion:106 Resp: 7059

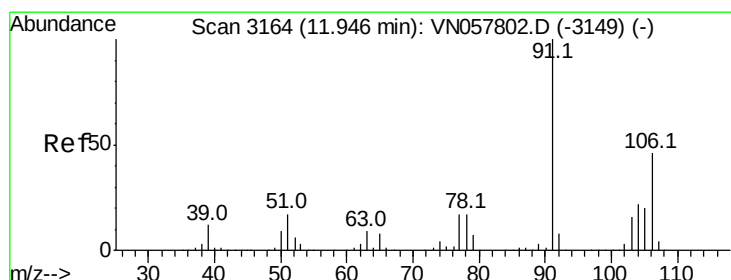
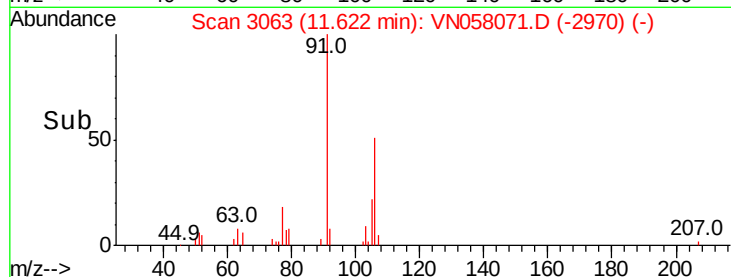
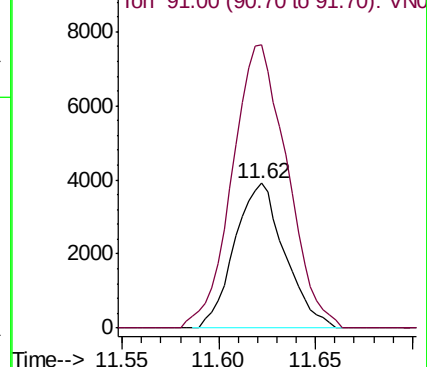
Ion Ratio Lower Upper

106 100

91 213.9 165.8 248.6



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 0.417 ug/l

RT: 11.95 min Scan# 3166

Delta R.T. 0.01 min

Lab File: VN058071.D

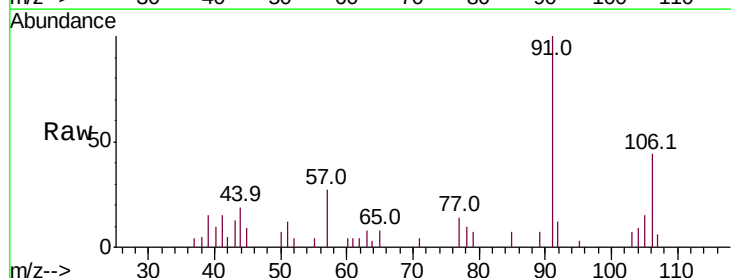
Acq: 14 Sep 2019 12:34

Tgt Ion:106 Resp: 3614

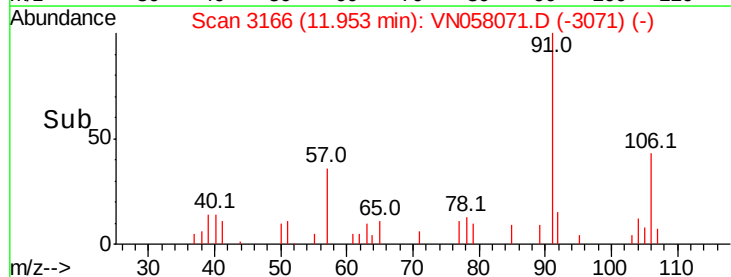
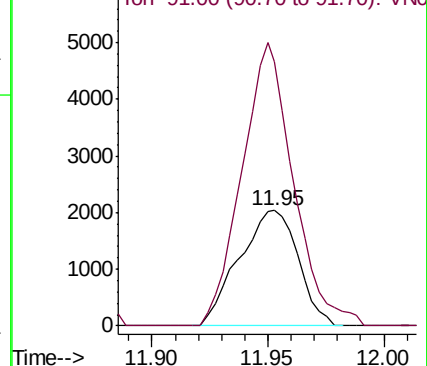
Ion Ratio Lower Upper

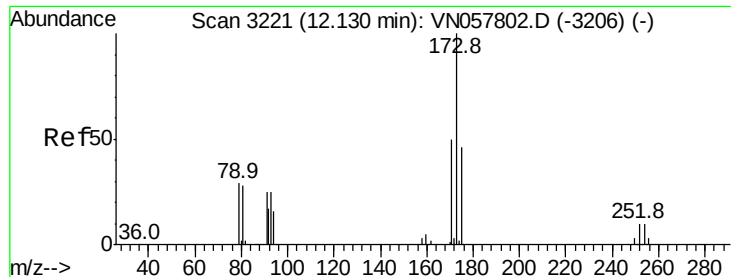
106 100

91 214.1 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V





#71

Bromoform

Concen: 0.256 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

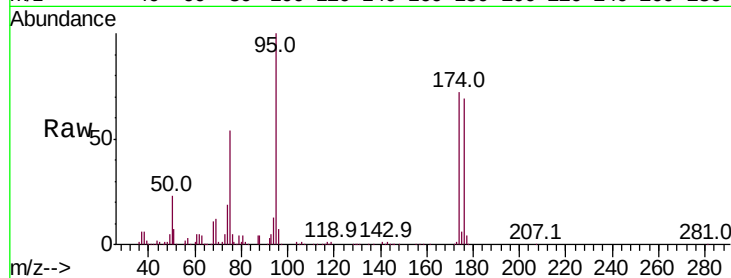
Tot Ion:173 Resp: 752

Ion Ratio Lower Upper

173 100

175 0.0 23.5 70.6#

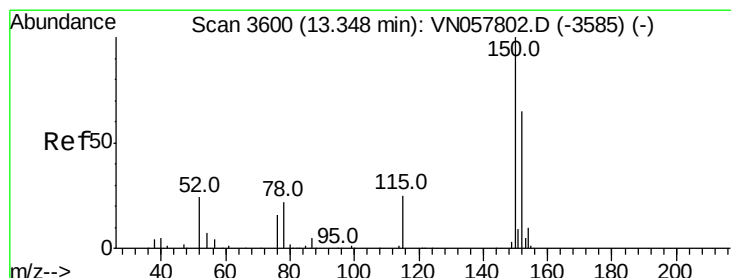
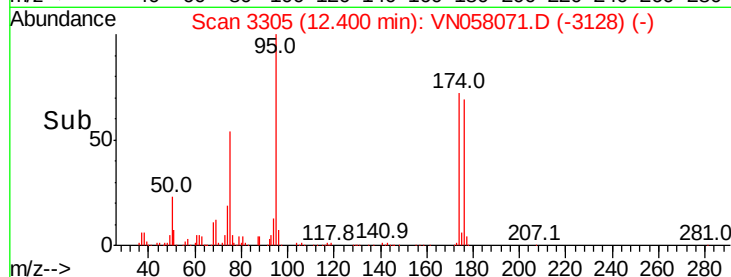
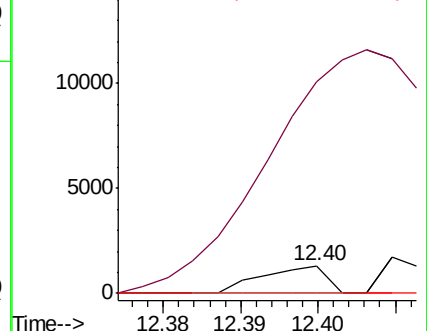
254 0.0 0.1 0.1#



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: VN058071.D

Acq: 14 Sep 2019 12:34

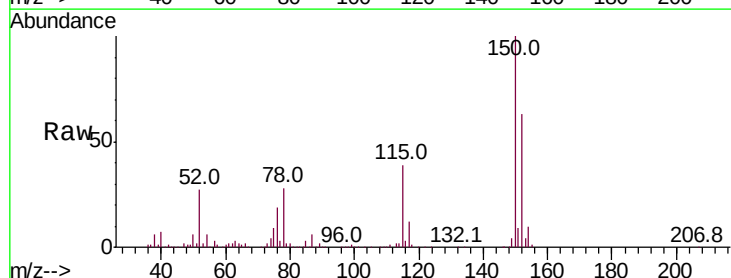
Tgt Ion:152 Resp: 272625

Ion Ratio Lower Upper

152 100

115 62.1 30.3 91.0

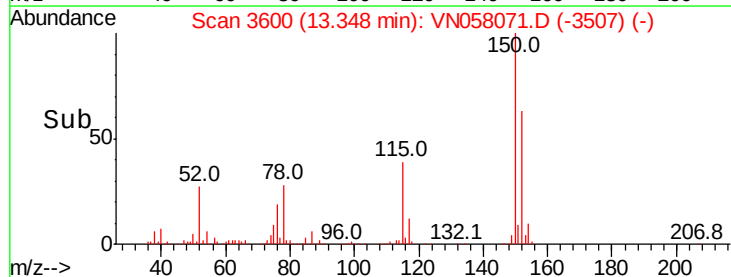
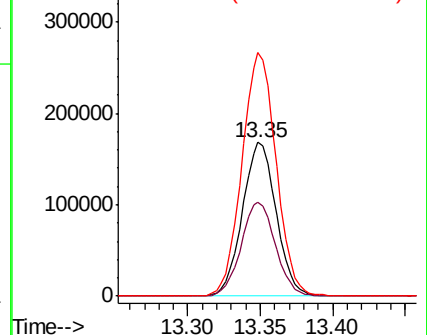
150 160.3 0.0 352.4

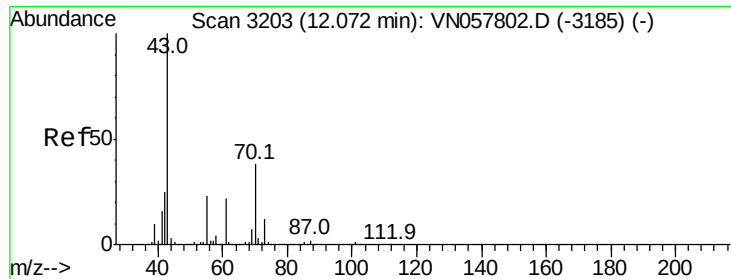


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.334 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3078

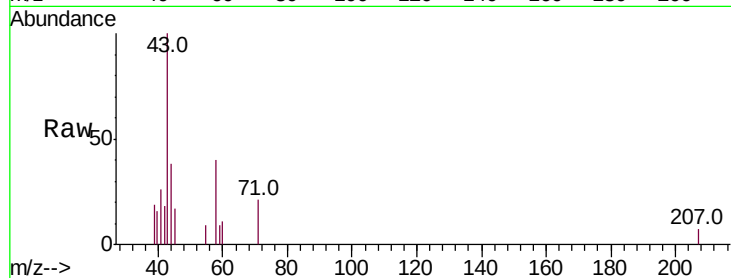
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 8.8 18.6 27.8#

61 0.0 17.4 26.2#

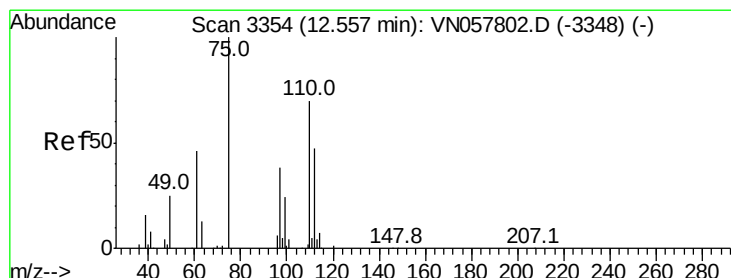
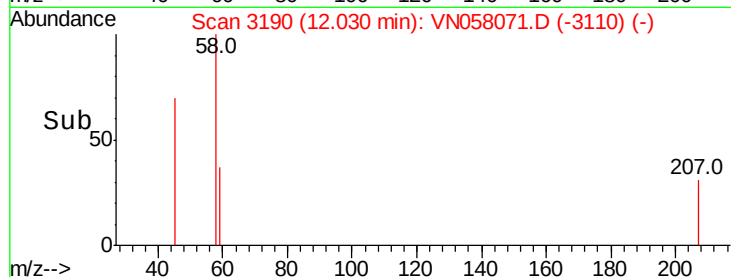
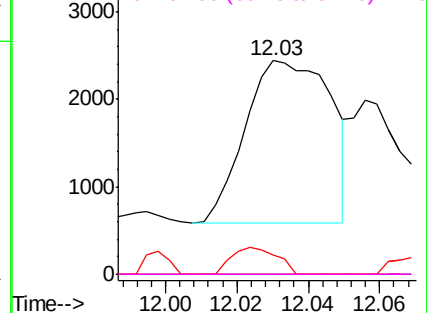


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 30.100 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058071.D

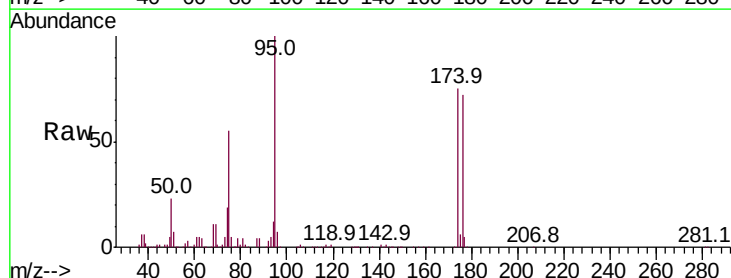
Acq: 14 Sep 2019 12:34

Tgt Ion: 75 Resp: 185635

Ion Ratio Lower Upper

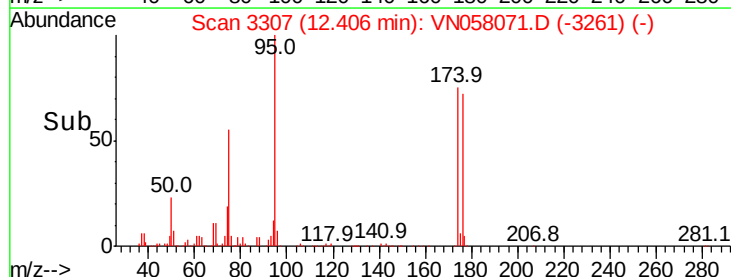
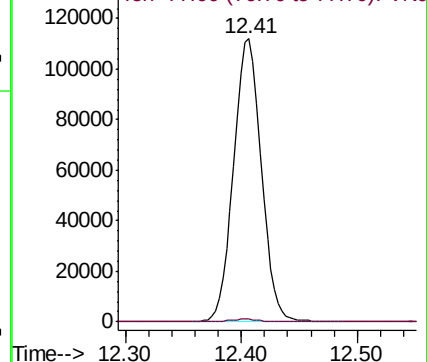
75 100

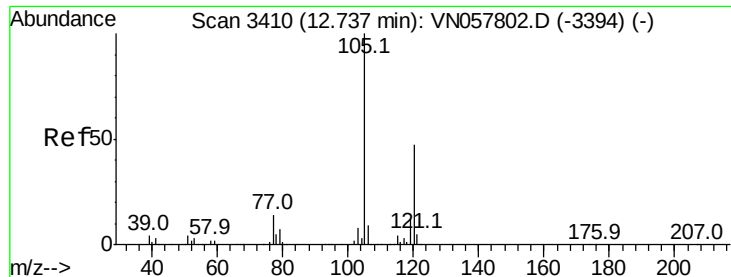
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.296 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

Instrument :

MSVOA_N

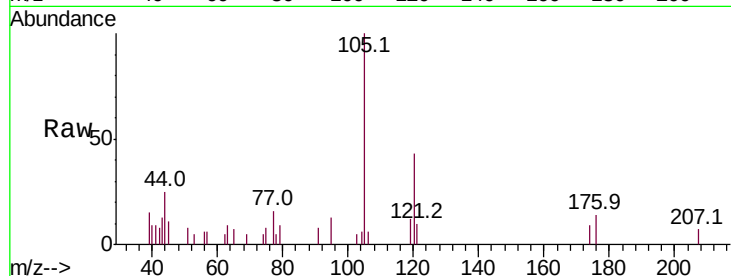
ClientSampleId :

Tot Ion:105 Resp: 5285

Ion Ratio Lower Upper

105 100

120 46.0 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.74

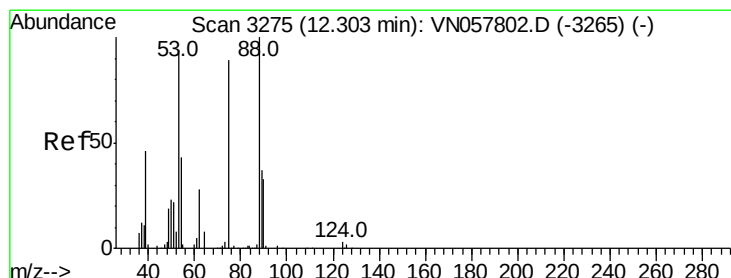
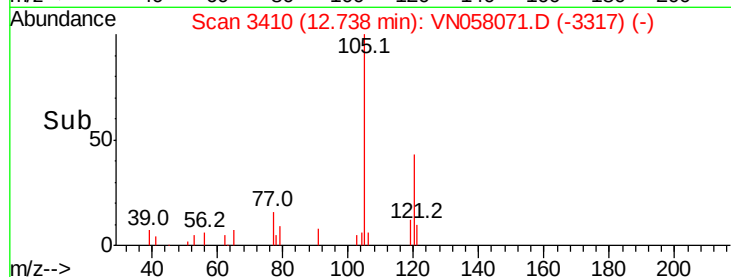
3000

2000

1000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 105.923 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058071.D

Acq: 14 Sep 2019 12:34

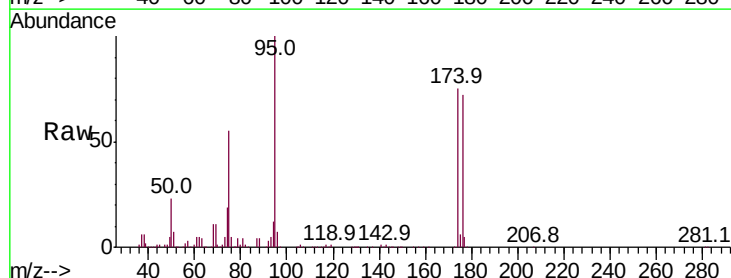
Tgt Ion: 75 Resp: 185635

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.41

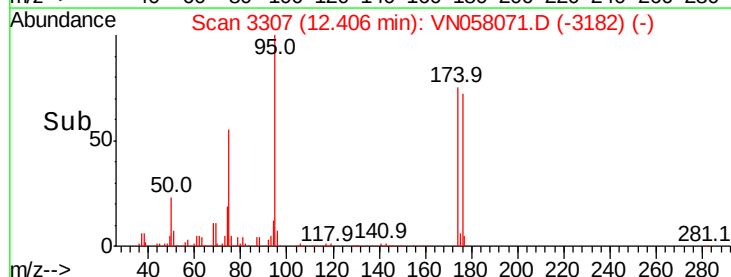
150000

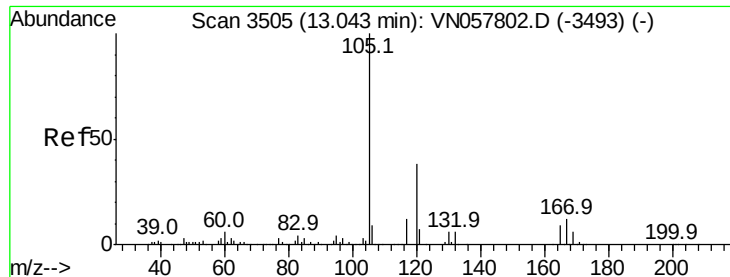
100000

50000

0

Time-->

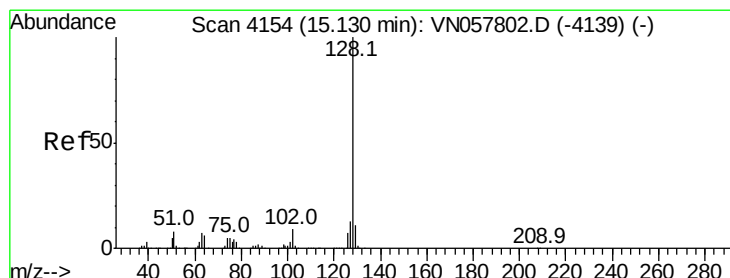
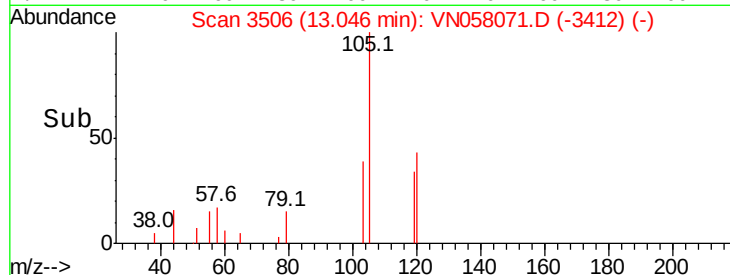
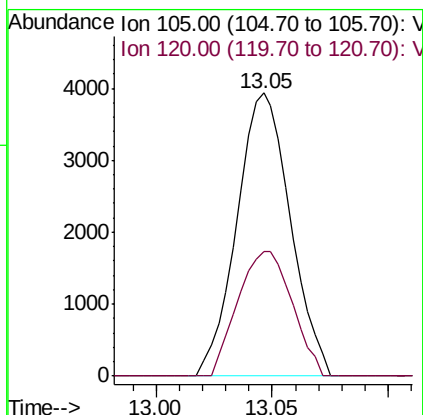
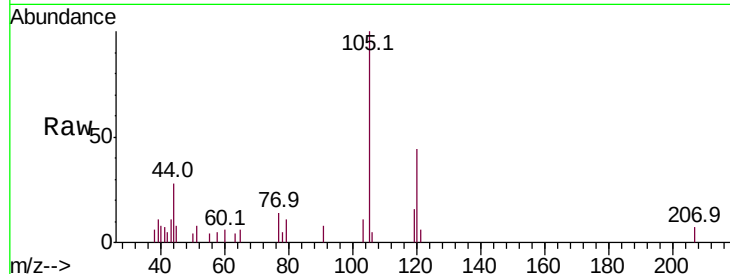




#84
 1,2,4-Trimethylbenzene
 Concen: 0.347 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:105 Resp: 6301
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.2



#95
 Naphthalene
 Concen: 13.457 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058071.D
 Acq: 14 Sep 2019 12:34

Tgt Ion:128 Resp: 233093
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.3 15.5
 129 10.9 8.6 12.8

