

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058064.D
 Acq On : 14 Sep 2019 10:01
 Operator : JC/SP
 Sample : K4850-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:57:52 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	335396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	589447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292393	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	390897	57.54	ug/l	0.00
Spiked Amount			Recovery	=	115.08%	
35) Dibromofluoromethane	7.58	113	265489	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1090477	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.40	95	366972	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	224	Below Cal		93
16) Acetone	3.80	43	11728	5.266	ug/l #	84
17) Carbon Disulfide	4.03	76	682	0.281	ug/l #	75
18) Methyl Acetate	4.31	43	9617	1.620	ug/l #	81
20) Methylene Chloride	4.54	84	15839	2.568	ug/l	97
25) 2-Butanone	6.82	43	925	0.287	ug/l	91
29) Tetrahydrofuran	7.20	42	1790	0.901	ug/l #	58
31) Cyclohexane	7.65	56	8561	Below Cal	#	28
36) 1,1-Dichloropropene	7.65	75	29669	4.340	ug/l #	50
38) Carbon Tetrachloride	7.65	117	33492	5.366	ug/l #	16
40) Benzene	8.03	78	173319	8.421	ug/l	96
43) Isopropyl Acetate	8.16	43	195634	16.471	ug/l #	78
45) 1,2-Dichloropropane	9.26	63	2297	0.384	ug/l #	44
48) Methyl methacrylate	9.17	41	6328	1.050	ug/l #	13
49) 1,4-Dioxane	9.26	88	169	1.659	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6989	0.994	ug/l	97
52) Toluene	10.15	92	108047	8.335	ug/l	98
53) t-1,3-Dichloropropene	10.15	75	1750	0.230	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	47418	5.644	ug/l #	65
56) Ethyl methacrylate	10.54	69	2434	0.294	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7454	0.788	ug/l #	43
59) 2-Hexanone	10.76	43	118287	22.453	ug/l #	53
67) Ethyl Benzene	11.51	91	15339	0.618	ug/l	89
68) m/p-Xylenes	11.62	106	29919	3.291	ug/l	99
69) o-Xylene	11.95	106	18170	2.011	ug/l	93
70) Styrene	11.97	104	8464	0.544	ug/l #	69
74) N-amyl acetate	12.04	43	5032	0.510	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	200478	30.309	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8020	0.418	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	200478	106.658	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.05	105	16802	0.862	ug/l	99
85) sec-Butylbenzene	13.05	105	16802	0.744	ug/l #	58
95) Naphthalene	15.13	128	1762126	104.665	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	30	1.003	ug/l #	1

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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

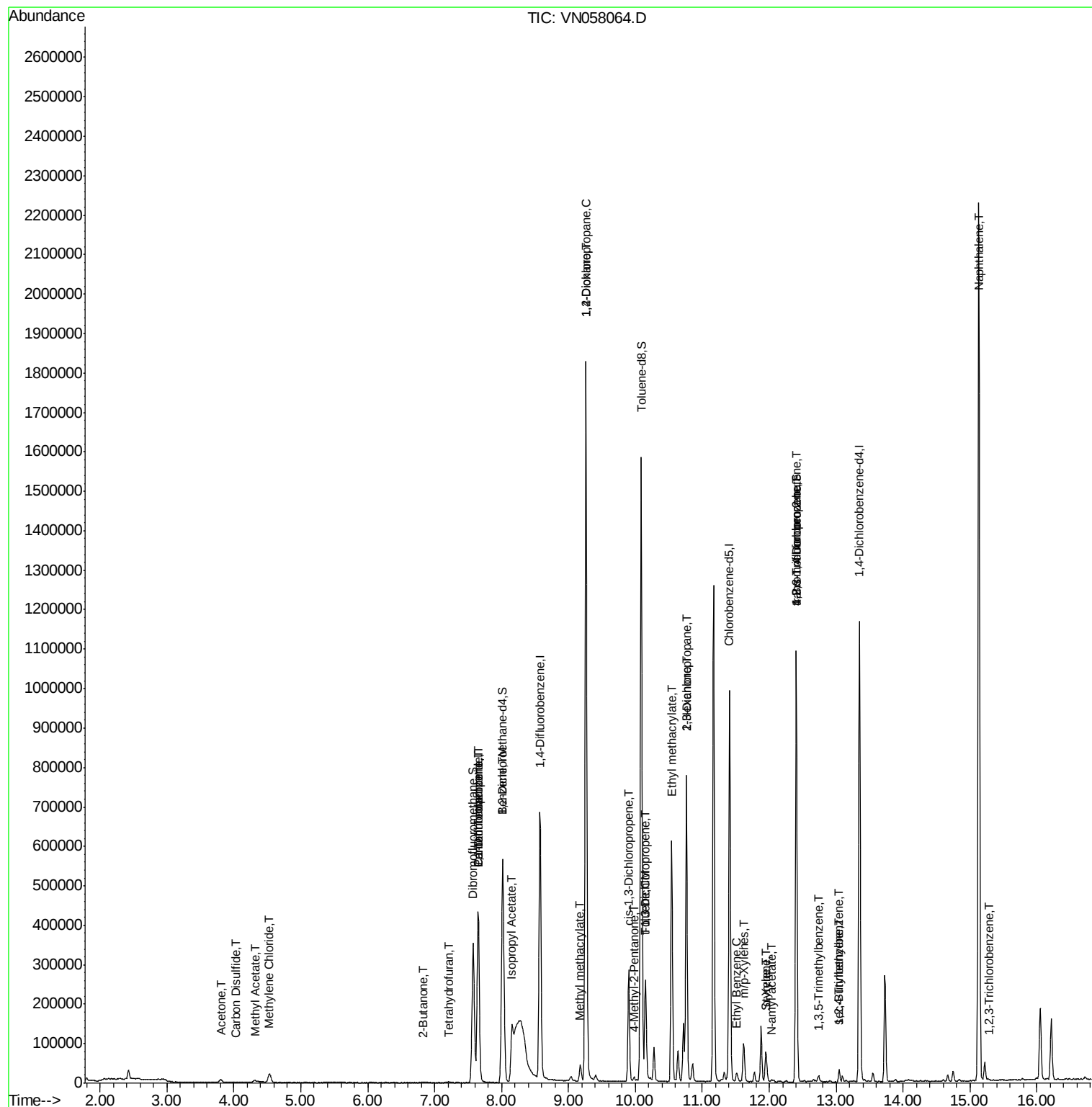
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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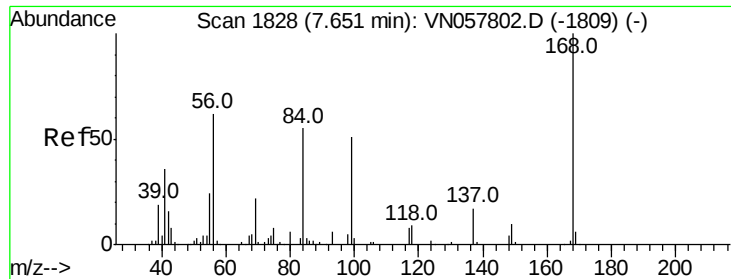
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

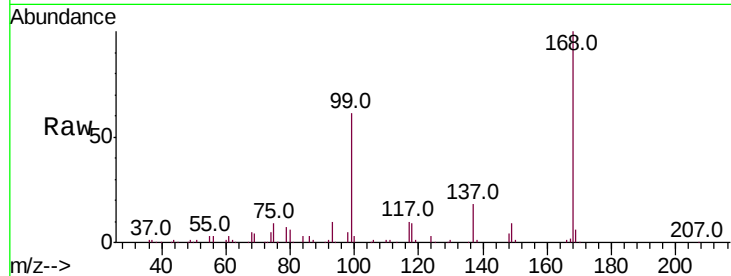
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 335396

Ion Ratio Lower Upper

168 100

99 61.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

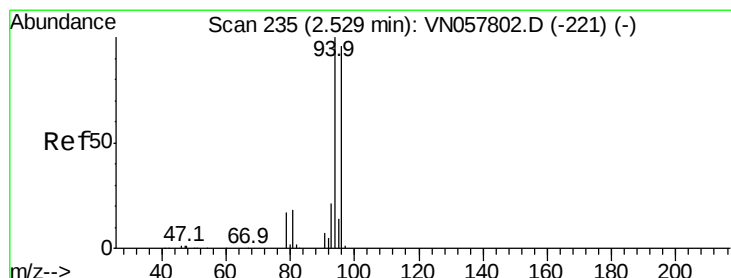
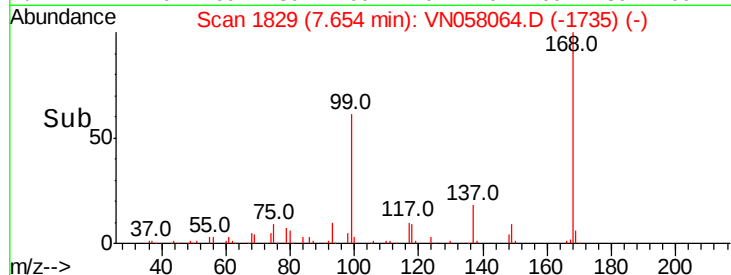
100000

50000

0

7.60 7.70

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN058064.D

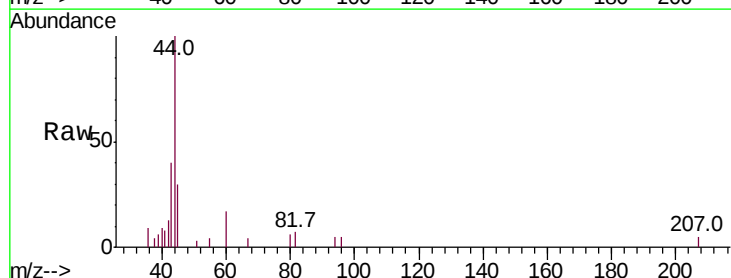
Acq: 14 Sep 2019 10:01

Tgt Ion: 94 Resp: 224

Ion Ratio Lower Upper

94 100

96 89.0 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): V

Ion 95.90 (95.60 to 96.60): VN

2.55

250

200

150

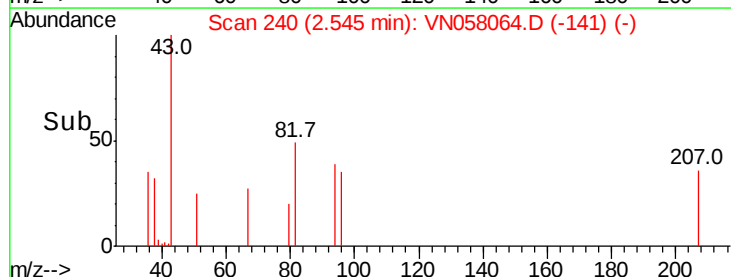
100

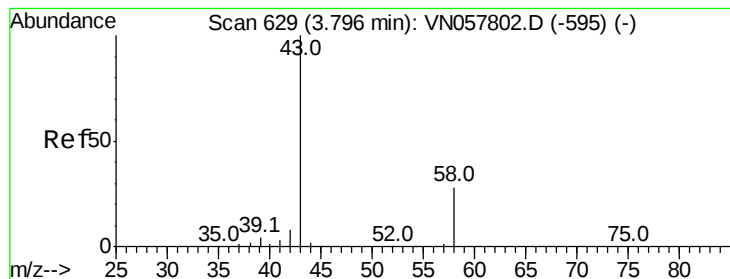
50

0

2.54 2.56

Time-->





#16

Acetone

Concen: 5.266 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

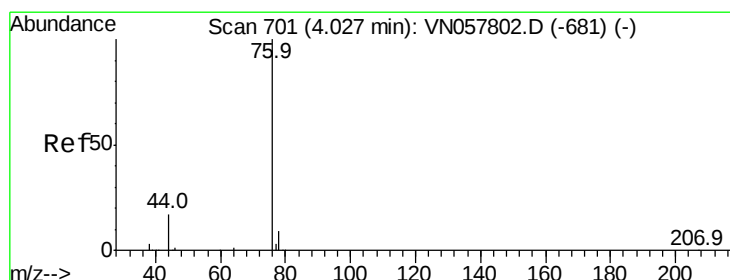
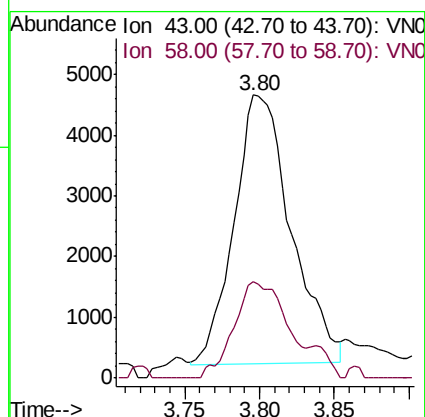
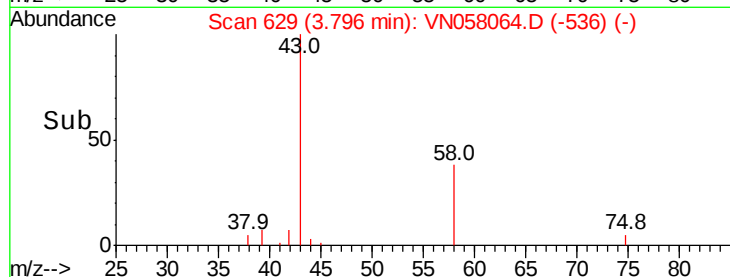
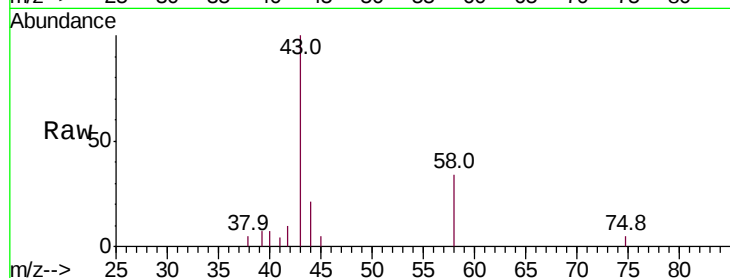
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 11728

Ion Ratio Lower Upper

43 100

58 36.2 22.2 33.2#



#17

Carbon Disulfide

Concen: 0.281 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058064.D

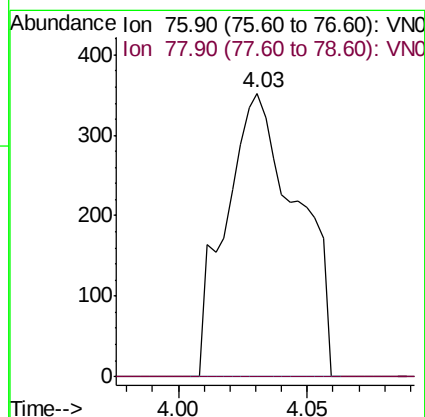
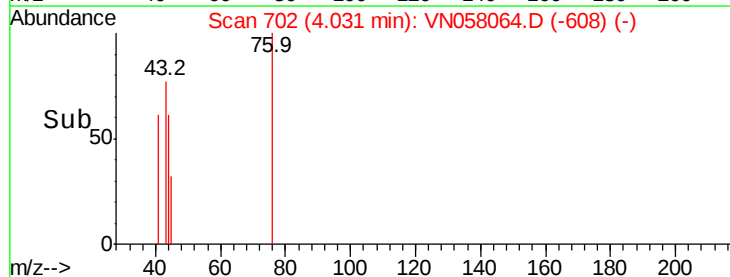
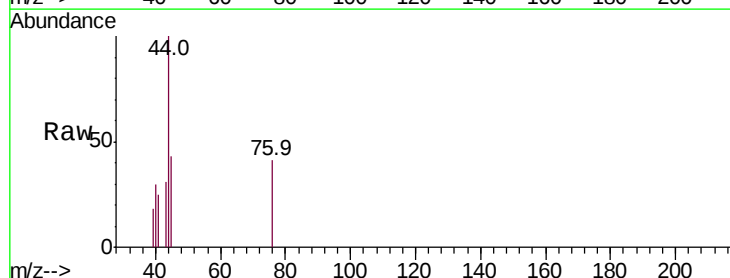
Acq: 14 Sep 2019 10:01

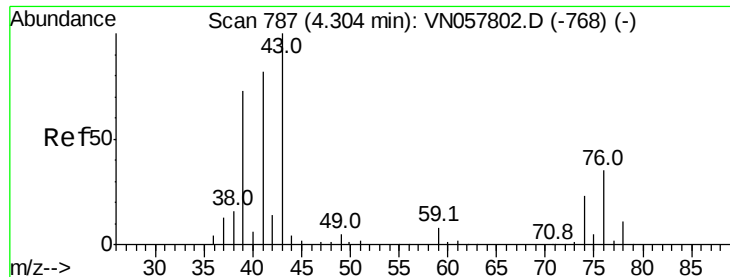
Tgt Ion: 76 Resp: 682

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: 1.620 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

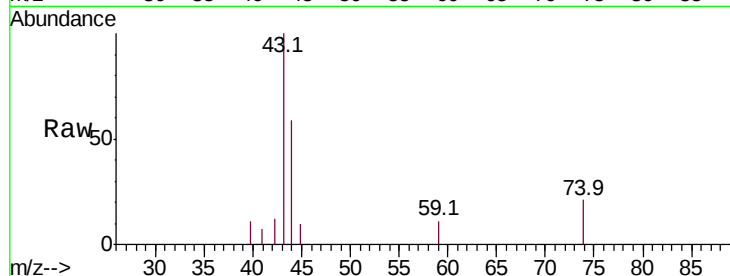
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 9617

Ion Ratio Lower Upper

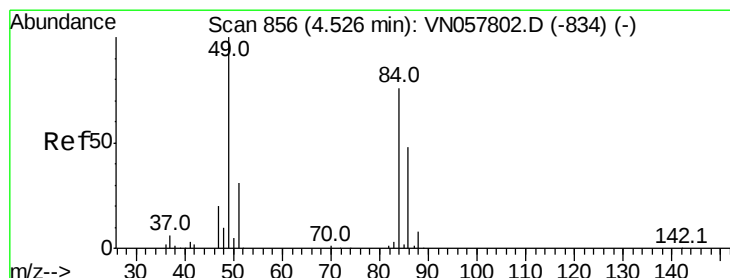
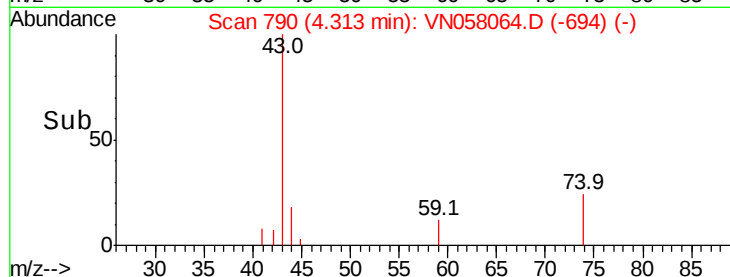
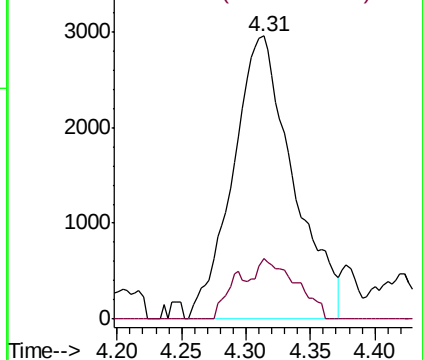
43 100

74 13.2 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN058064.D (-694) (-)

Ion 74.00 (73.70 to 74.70): VN058064.D (-694) (-)



#20

Methylene Chloride

Concen: 2.568 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Tgt Ion: 84 Resp: 15839

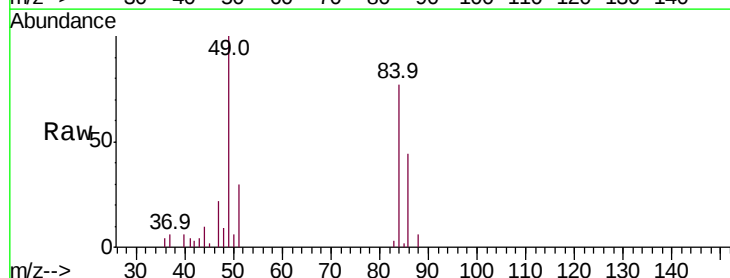
Ion Ratio Lower Upper

84 100

49 130.0 104.8 157.2

51 39.5 33.0 49.4

86 57.2 50.5 75.7

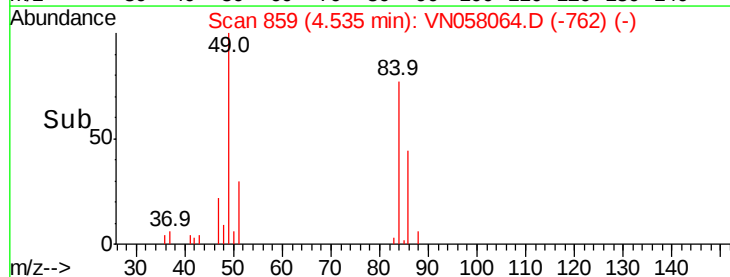
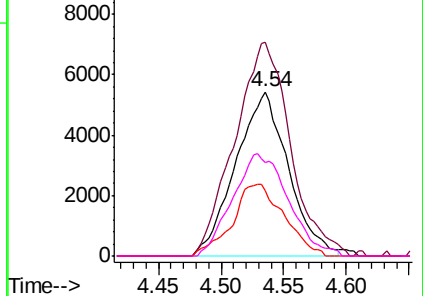


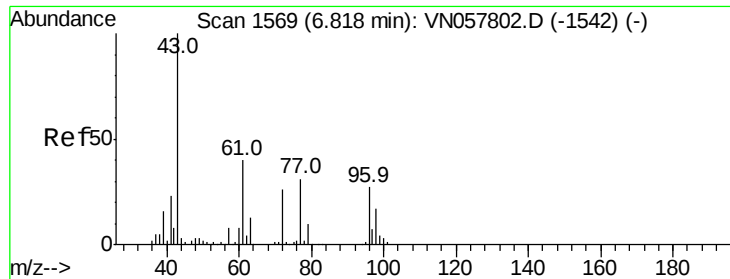
Abundance Ion 83.90 (83.60 to 84.60): VN058064.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN058064.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN058064.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN058064.D (-762) (-)





#25

2-Butanone

Concen: 0.287 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

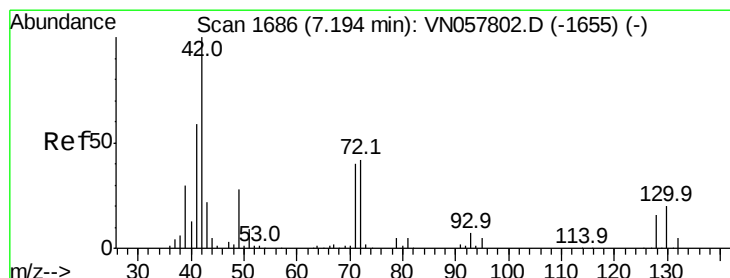
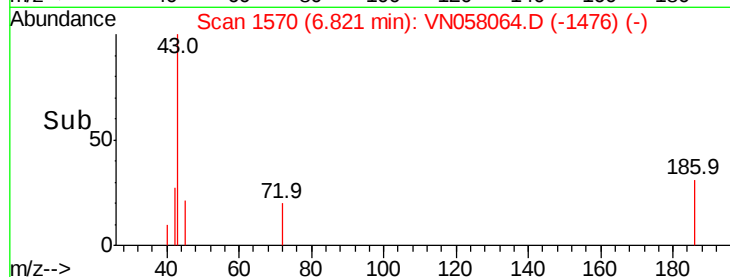
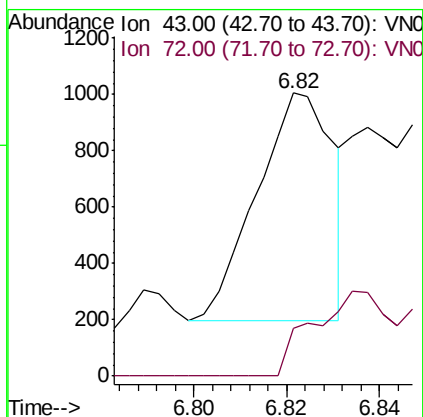
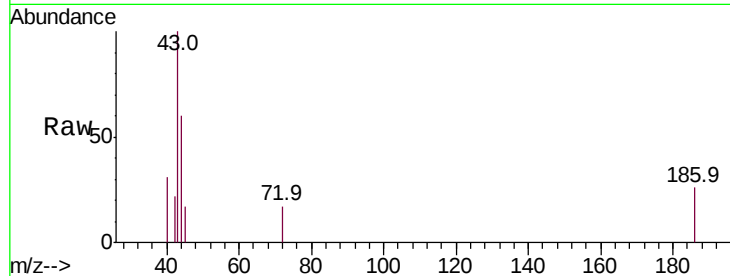
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 925

Ion Ratio Lower Upper

43 100

72 21.1 20.6 30.8



#29

Tetrahydrofuran

Concen: 0.901 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

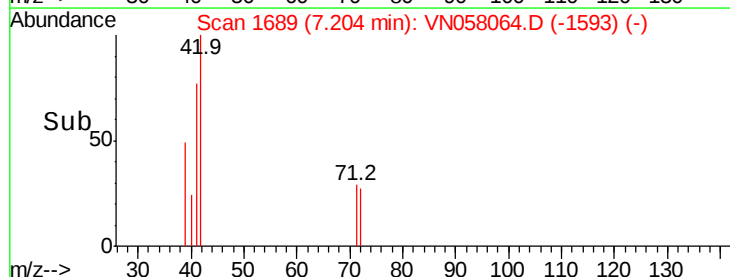
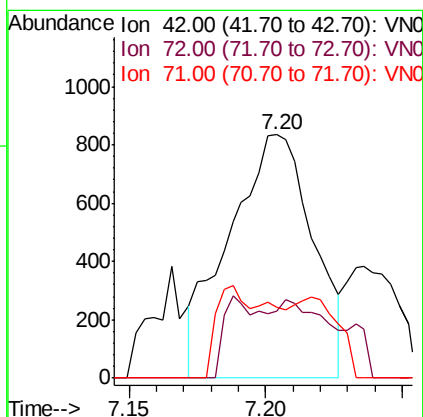
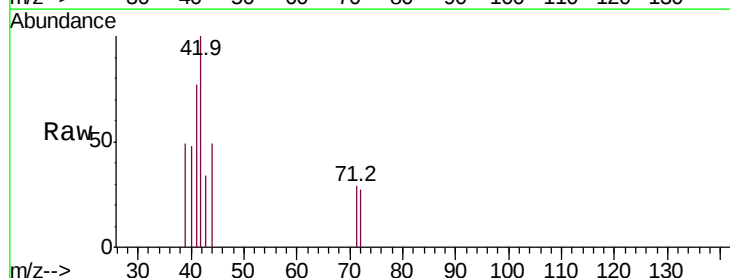
Tgt Ion: 42 Resp: 1790

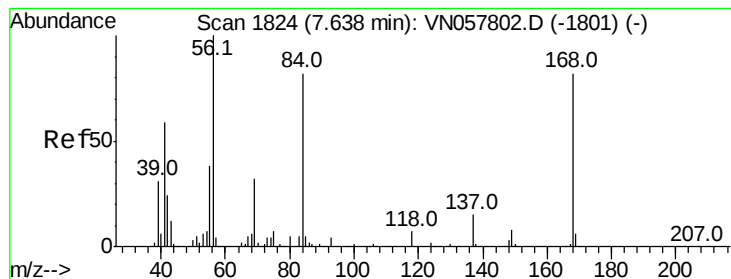
Ion Ratio Lower Upper

42 100

72 15.4 33.7 50.5#

71 14.5 31.9 47.9#





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

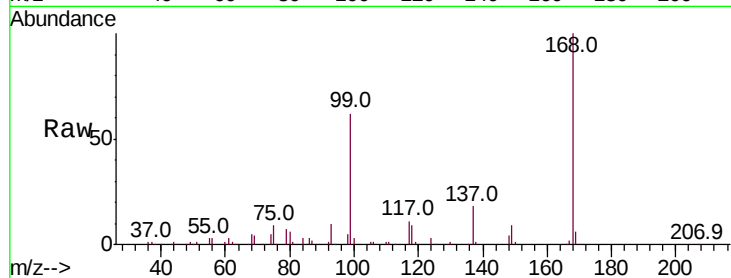
Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

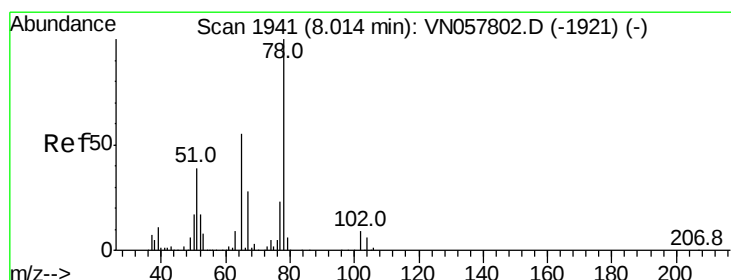
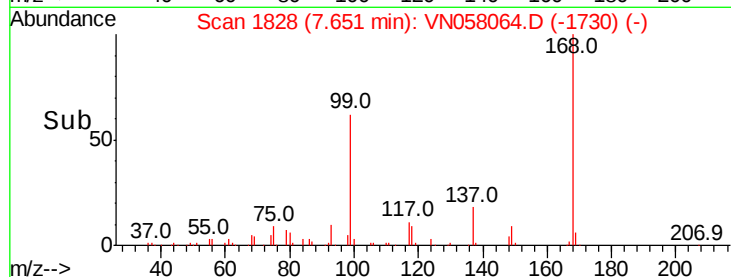
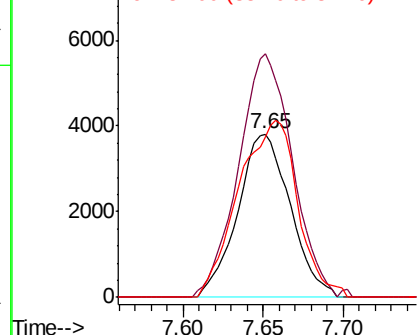
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 8561

Ion	Ratio	Lower	Upper
56	100		
69	149.2	25.9	38.9#
84	98.1	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: 57.543 ug/l

RT: 8.01 min Scan# 1941

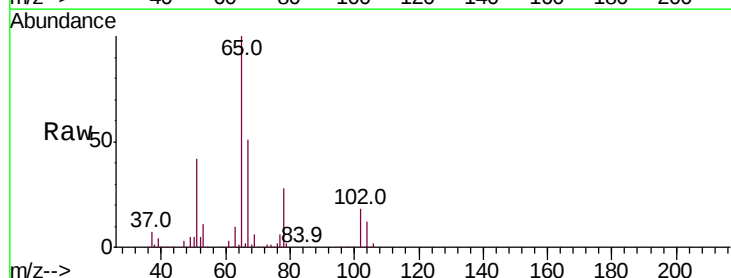
Delta R.T. 0.00 min

Lab File: VN058064.D

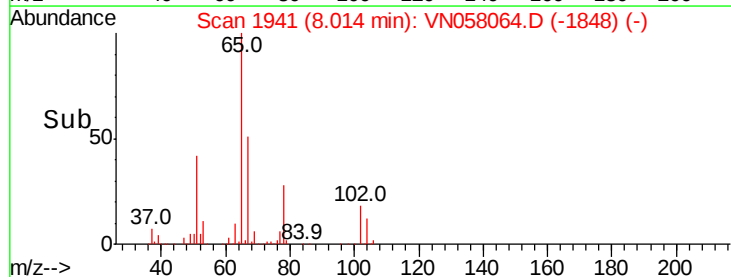
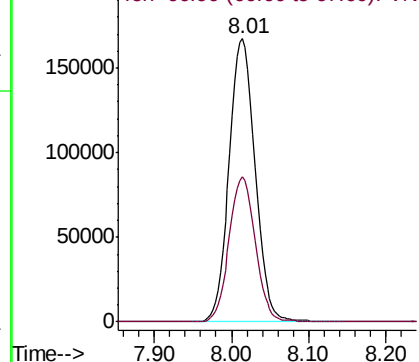
Acq: 14 Sep 2019 10:01

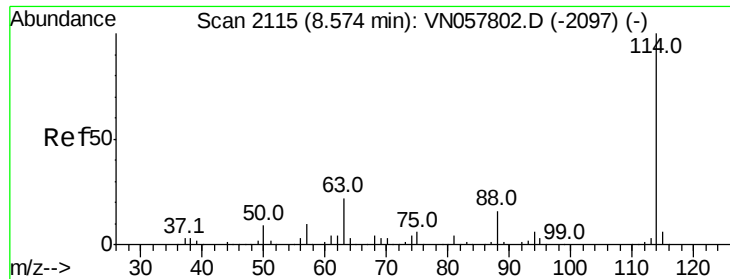
Tgt Ion: 65 Resp: 390897

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.0



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

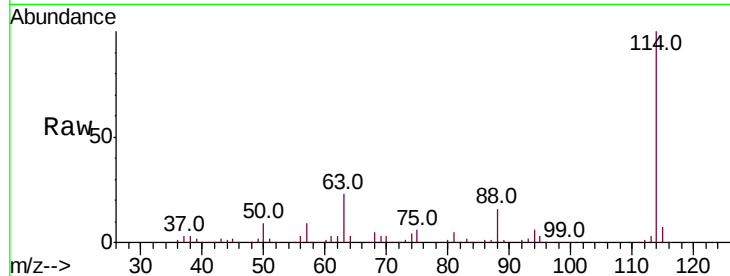




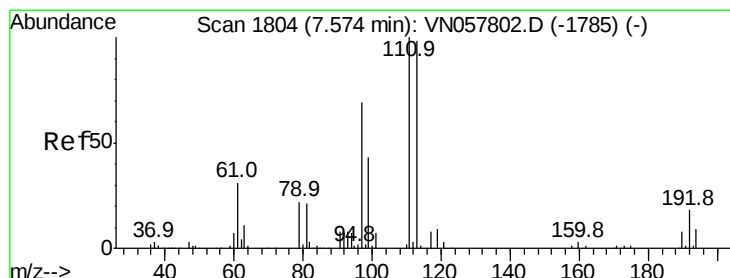
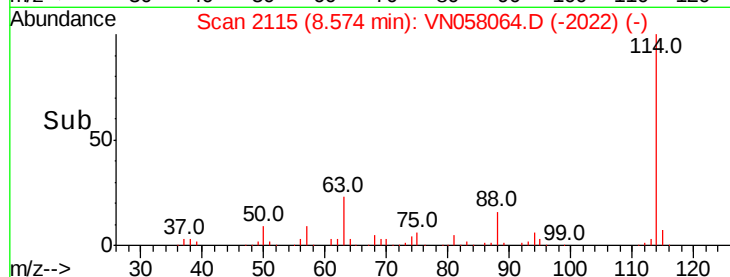
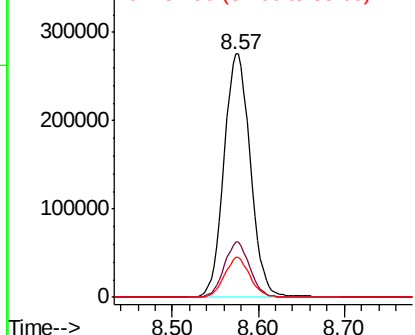
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.0
88	16.5	0.0	31.4

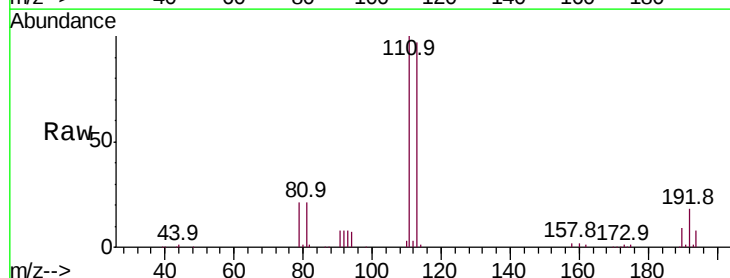


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

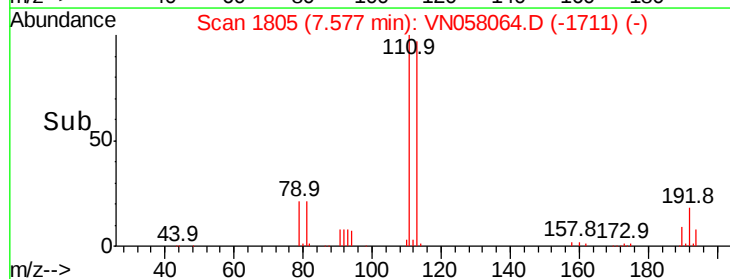
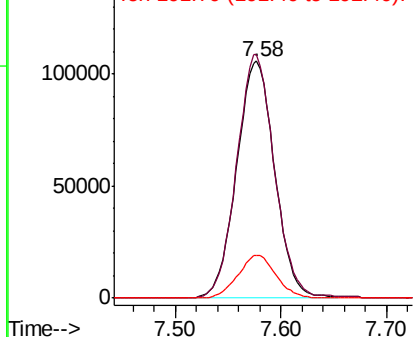


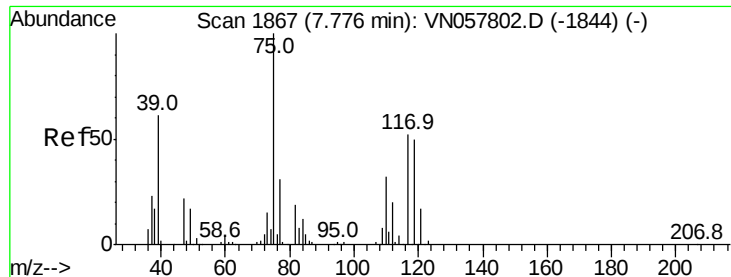
#35
 Dibromofluoromethane
 Concen: 48.800 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	18.1	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

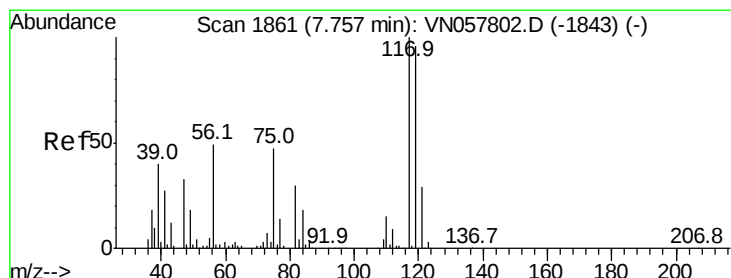
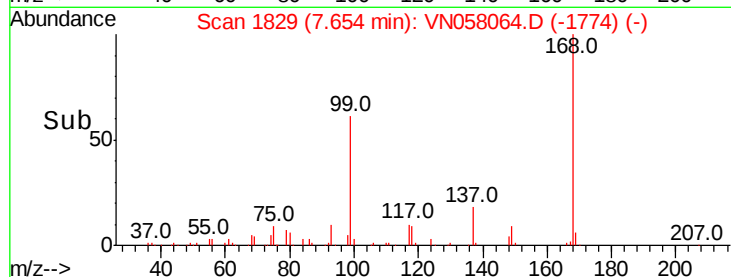
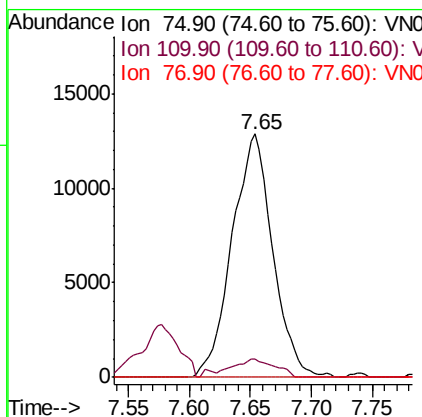
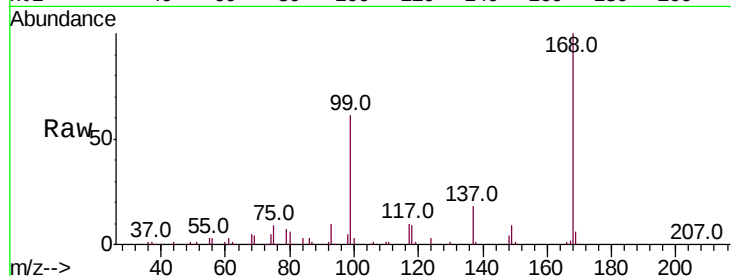




#36
 1,1-Dichloropropene
 Concen: 4.340 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

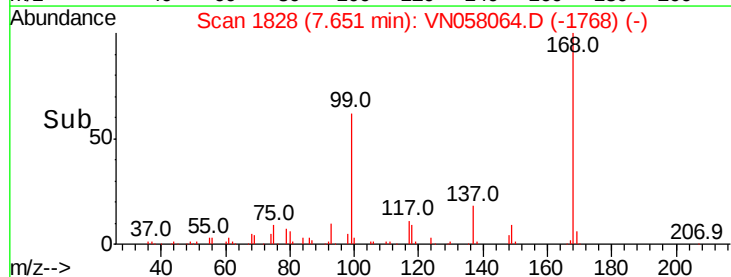
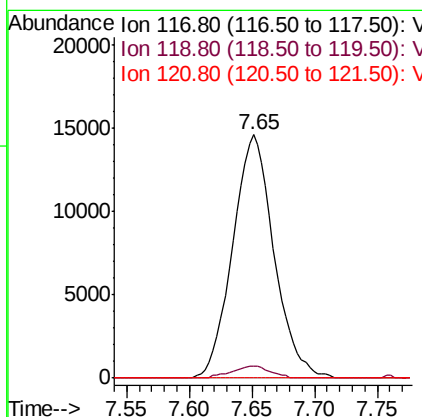
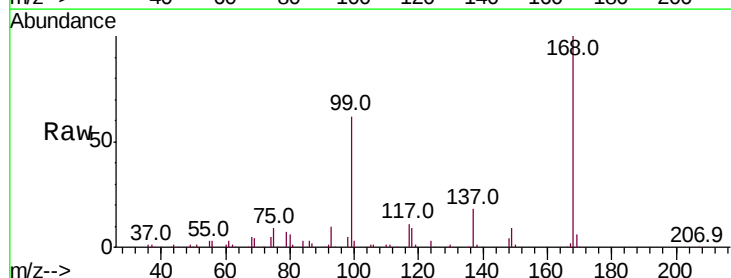
Instrument :
 MSVOA_N
 ClientSampleId :

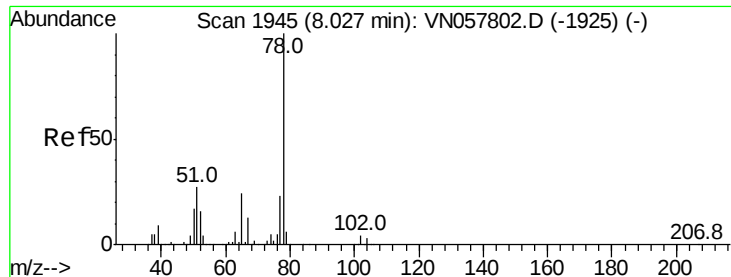
Tot Ion: 75 Resp: 29669
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.3 48.9#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.366 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

Tgt Ion: 117 Resp: 33492
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.9 115.3#
 121 0.0 23.4 35.2#





#40

Benzene

Concen: 8.421 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

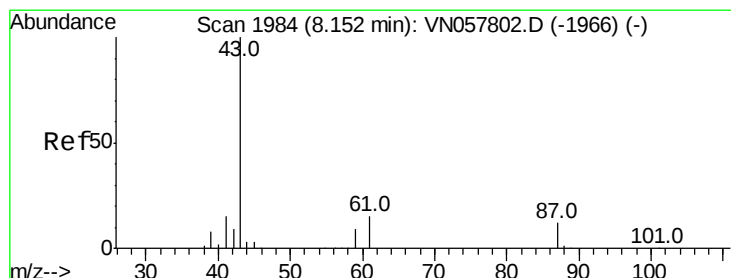
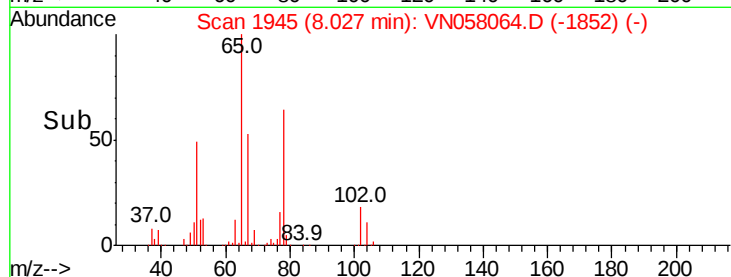
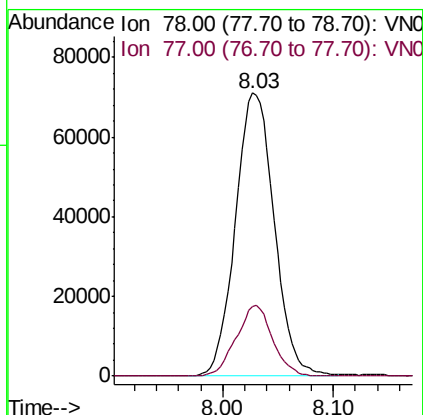
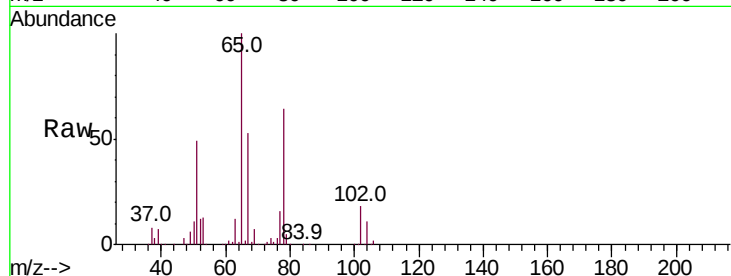
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 78 Resp: 173319

Ion Ratio Lower Upper

78 100

77 24.8 18.3 27.5



#43

Isopropyl Acetate

Concen: 16.471 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

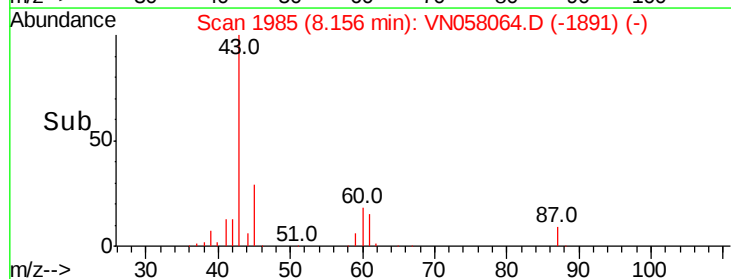
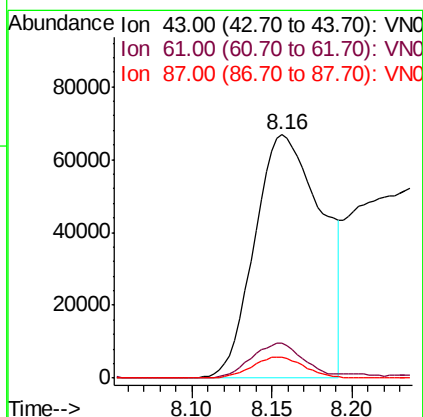
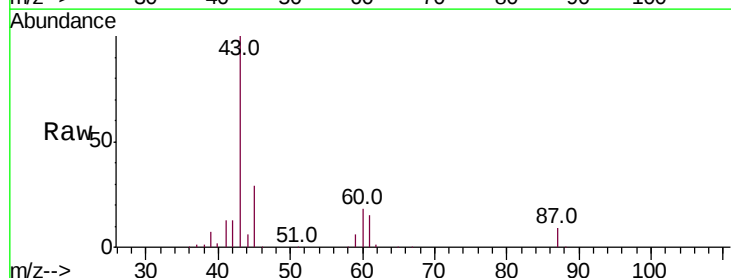
Tgt Ion: 43 Resp: 195634

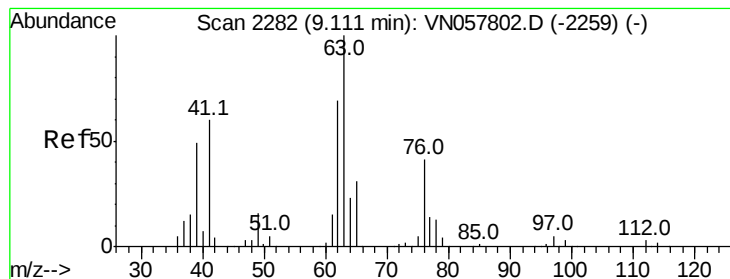
Ion Ratio Lower Upper

43 100

61 11.9 20.1 30.1#

87 6.8 9.5 14.3#





#45

1,2-Dichloropropane

Concen: 0.384 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

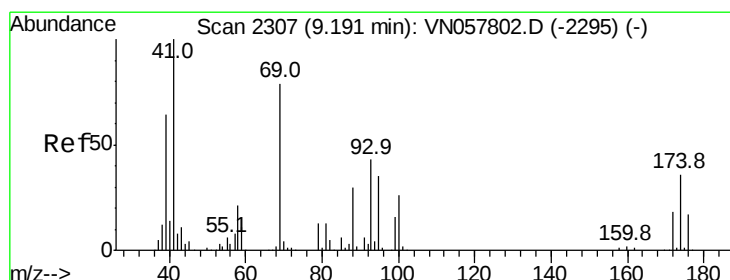
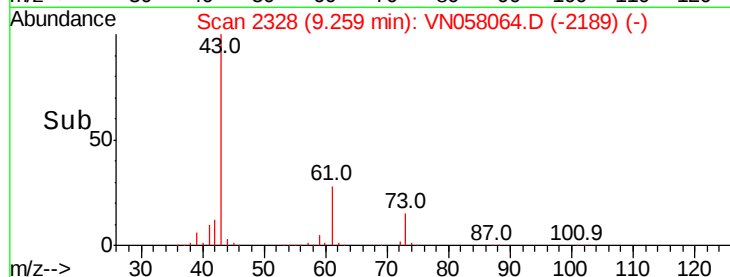
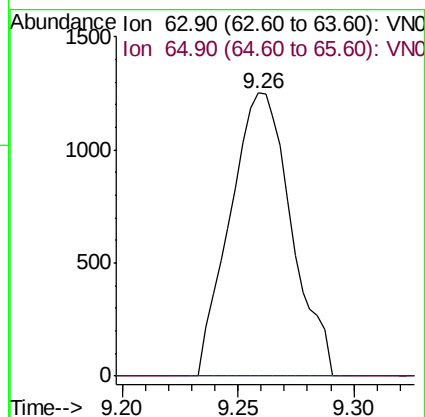
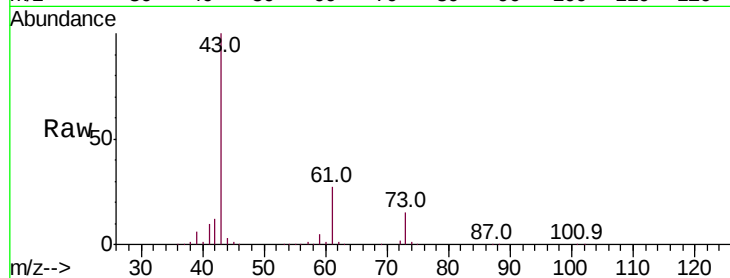
ClientSampled :

Tot Ion: 63 Resp: 2297

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



#48

Methyl methacrylate

Concen: 1.050 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

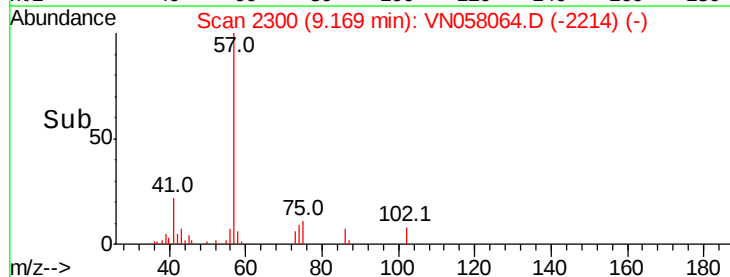
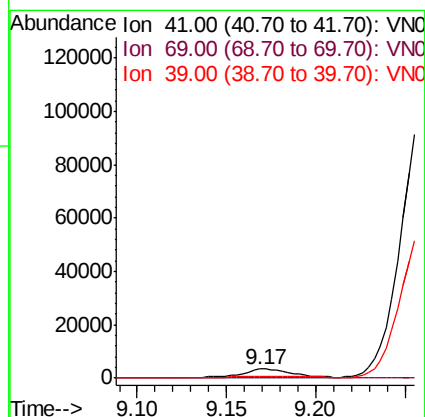
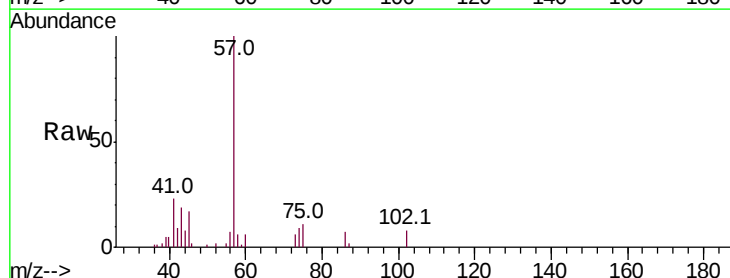
Tgt Ion: 41 Resp: 6328

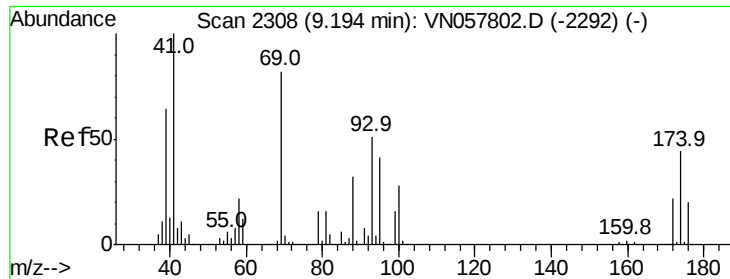
Ion Ratio Lower Upper

41 100

69 0.0 62.7 94.1#

39 0.0 52.7 79.1#





#49

1,4-Dioxane

Concen: 1.659 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :
MSVOA_N
ClientSampled :

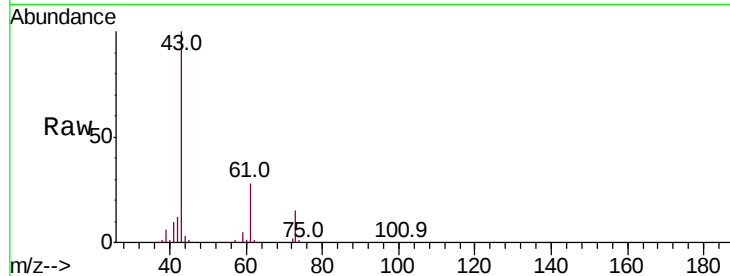
Tot Ion: 88 Resp: 169

Ion Ratio Lower Upper

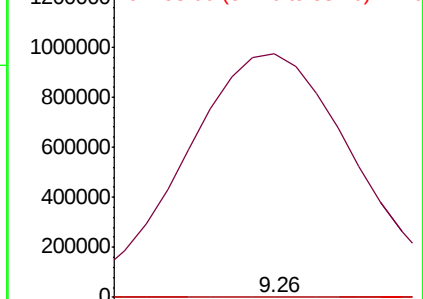
88 100

43 1071503.6 28.5 42.7#

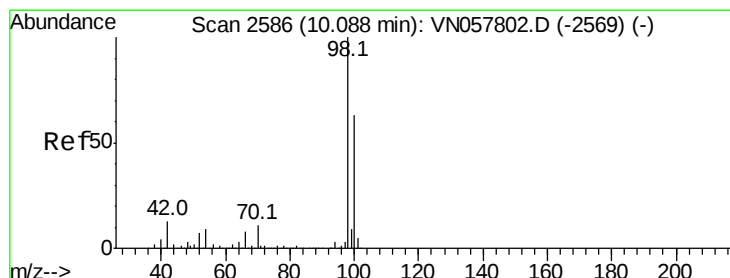
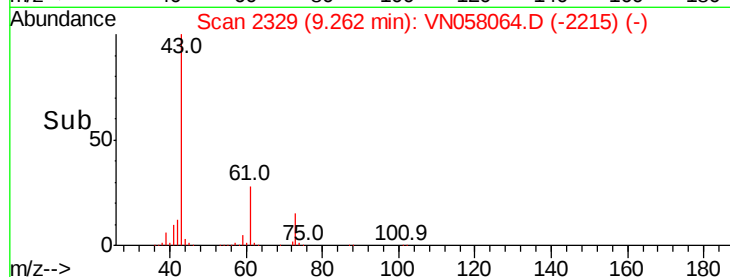
58 4530.2 55.8 83.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 51.627 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058064.D

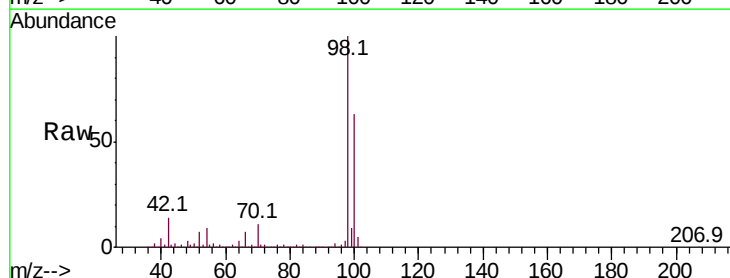
Acq: 14 Sep 2019 10:01

Tgt Ion: 98 Resp: 1090477

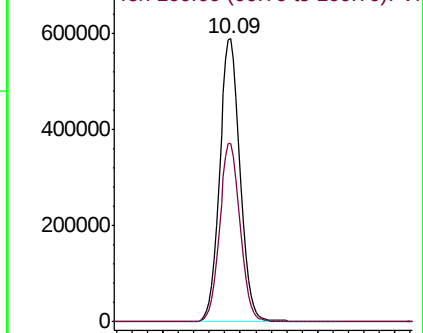
Ion Ratio Lower Upper

98 100

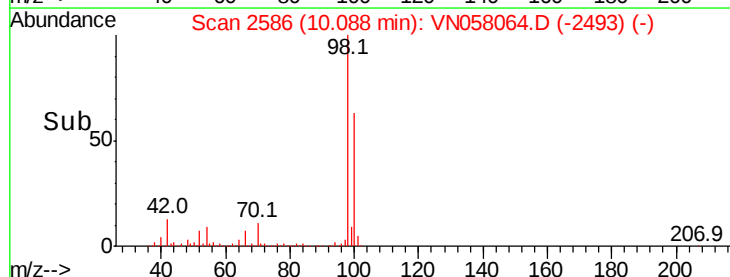
100 63.4 50.3 75.5

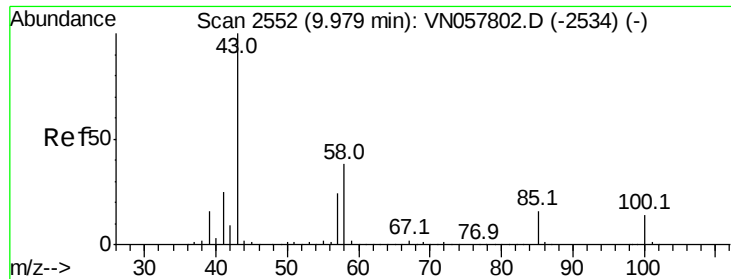


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.994 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

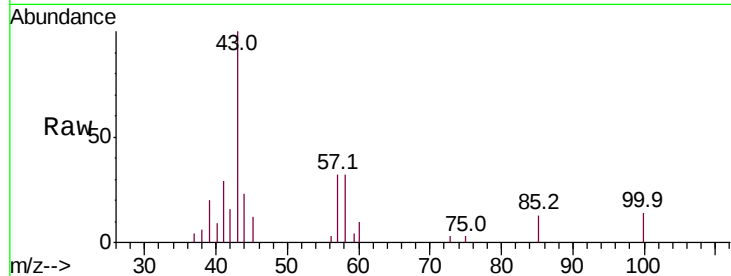
ClientSampled :

Tot Ion: 43 Resp: 6989

Ion Ratio Lower Upper

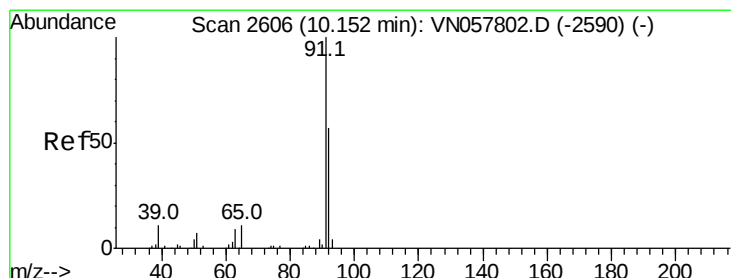
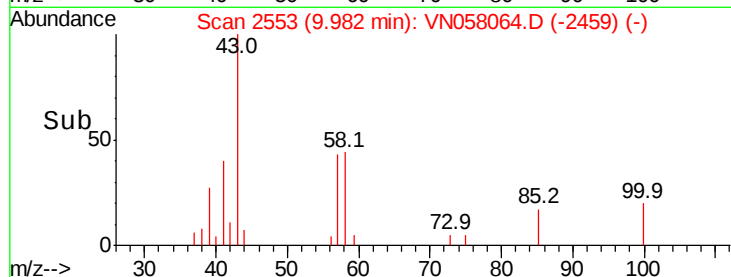
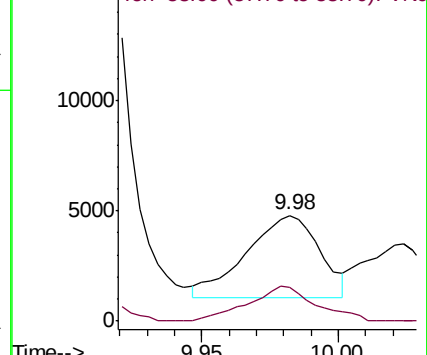
43 100

58 38.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 8.335 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058064.D

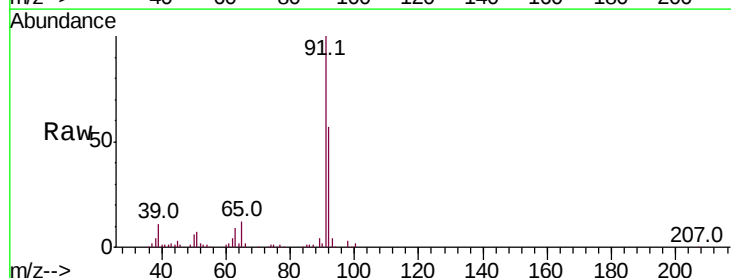
Acq: 14 Sep 2019 10:01

Tgt Ion: 92 Resp: 108047

Ion Ratio Lower Upper

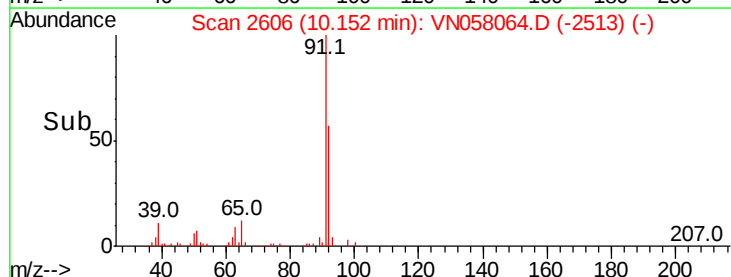
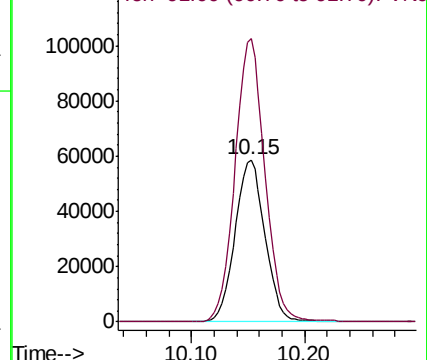
92 100

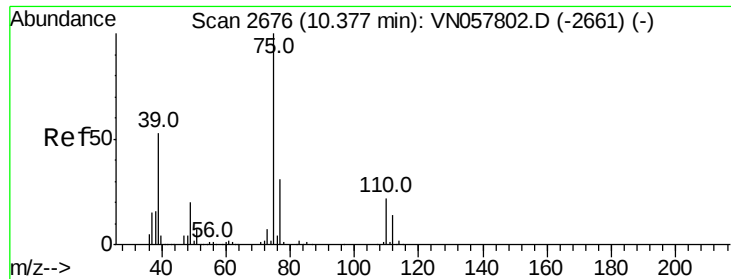
91 173.7 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)

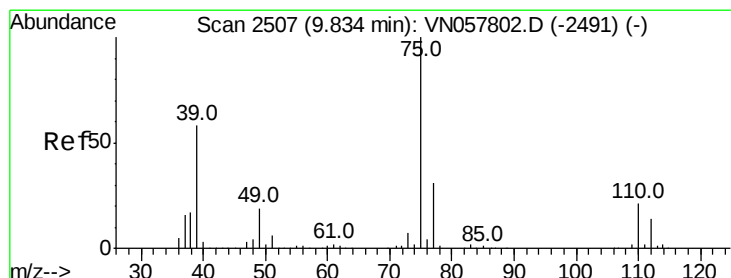
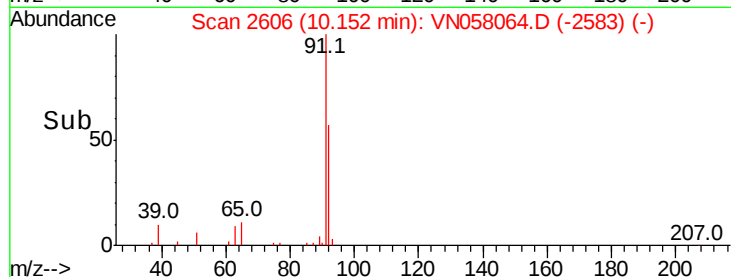
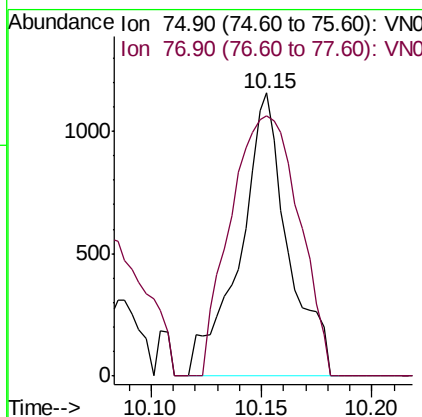
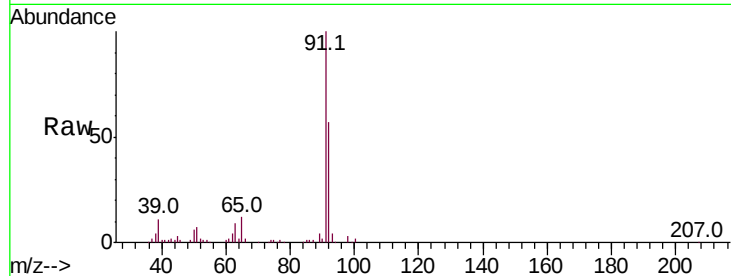




#53
t-1,3-Dichloropropene
Concen: 0.230 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.22 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

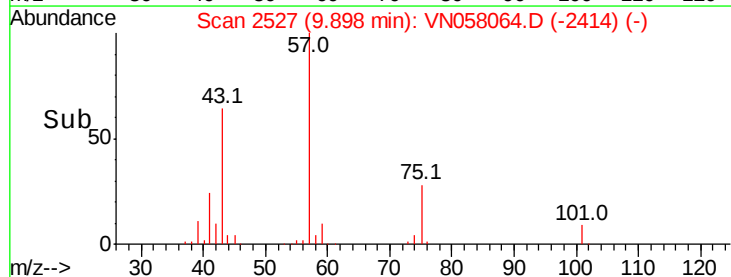
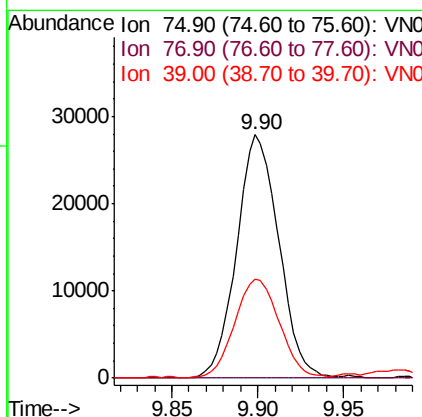
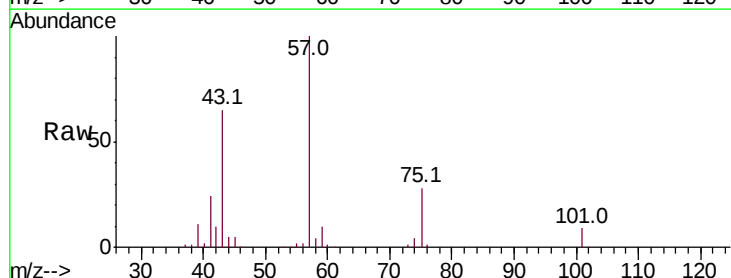
Instrument :
MSVOA_N
ClientSampled :

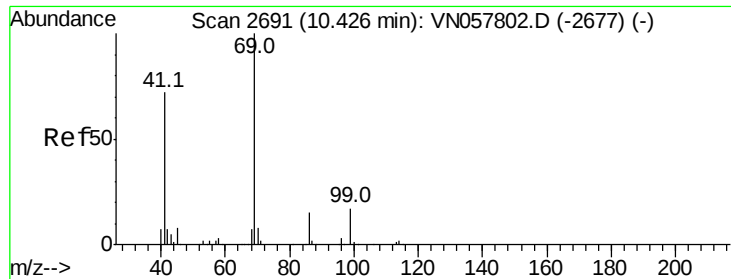
Tot Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
77 92.1 24.5 36.7#



#54
cis-1,3-Dichloropropene
Concen: 5.644 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.06 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Tgt Ion: 75 Resp: 47418
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 40.9 46.2 69.4#





#56

Ethyl methacrylate

Concen: 0.294 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampled :

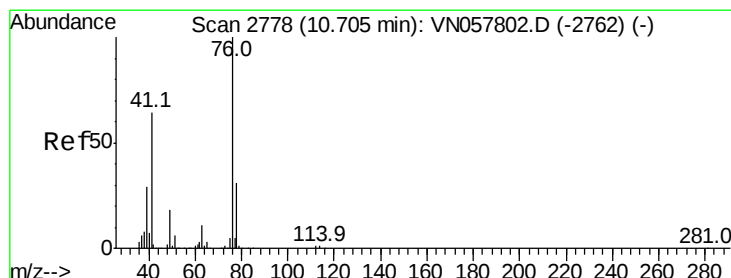
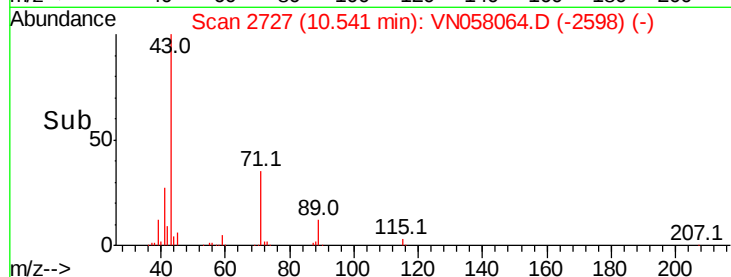
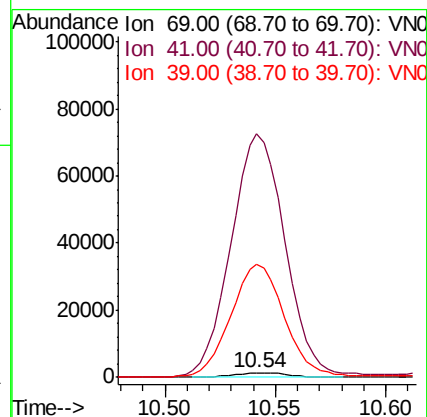
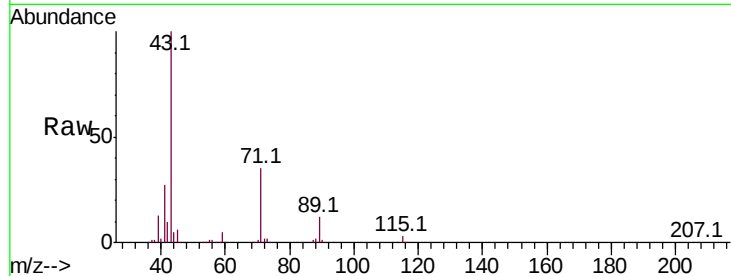
Tot Ion: 69 Resp: 2434

Ion Ratio Lower Upper

69 100

41 5100.0 56.7 85.1#

39 2346.4 36.3 54.5#



#57

1,3-Dichloropropane

Concen: 0.788 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058064.D

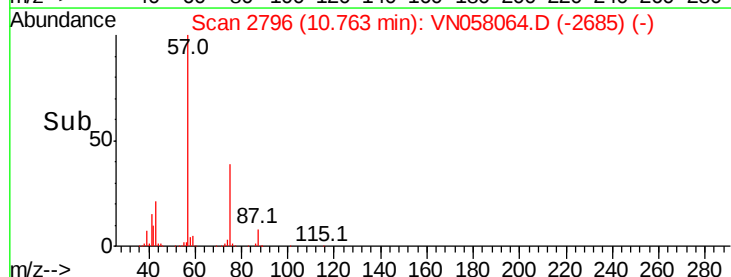
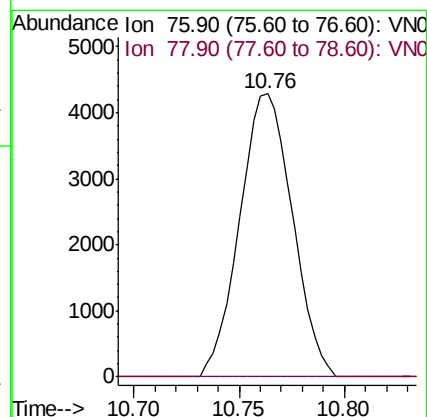
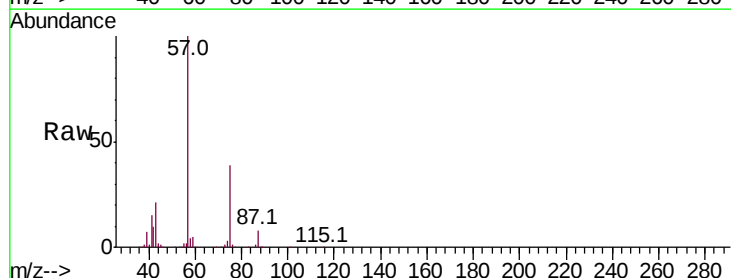
Acq: 14 Sep 2019 10:01

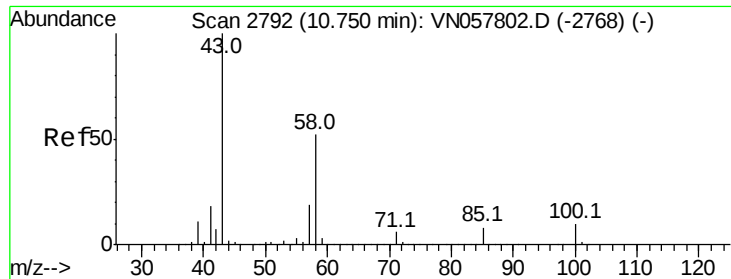
Tgt Ion: 76 Resp: 7454

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#

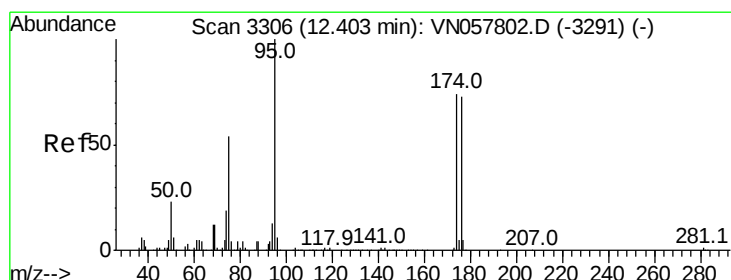
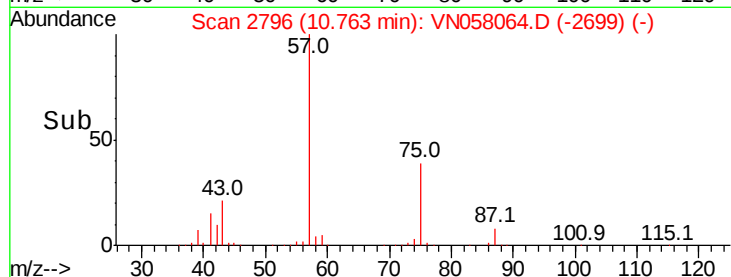
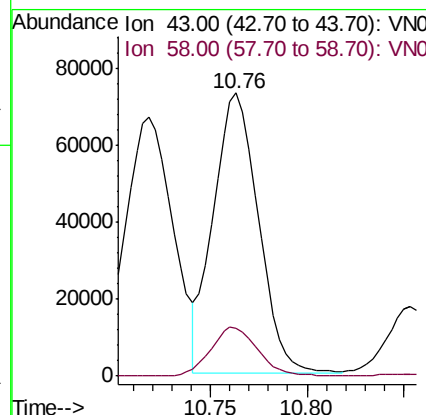
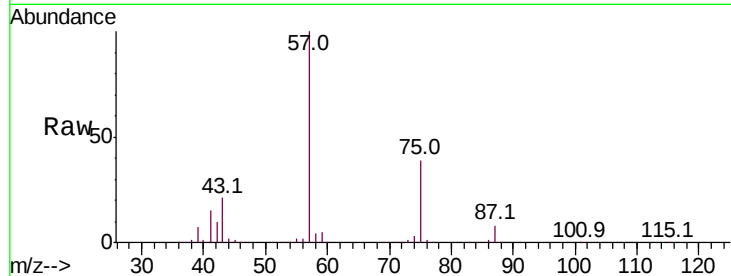




#59
2-Hexanone
Concen: 22.453 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

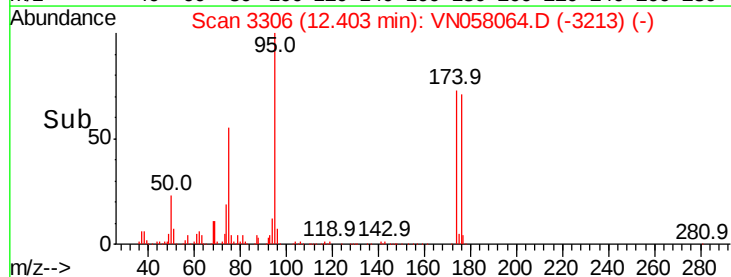
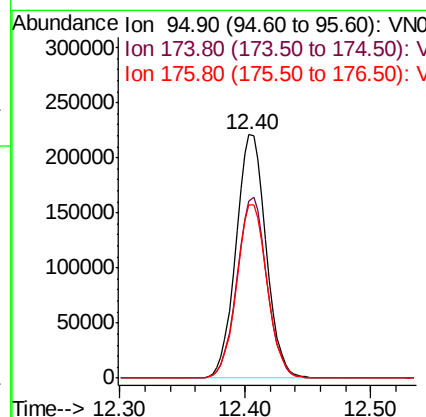
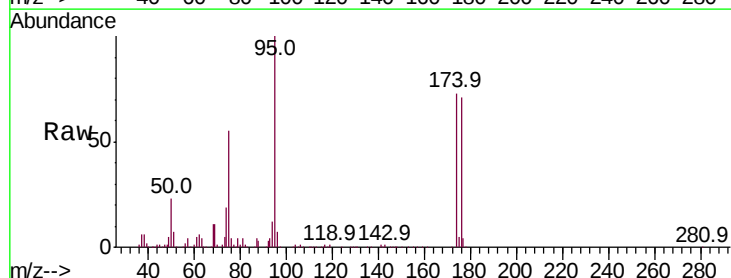
Instrument :
MSVOA_N
ClientSampleId :

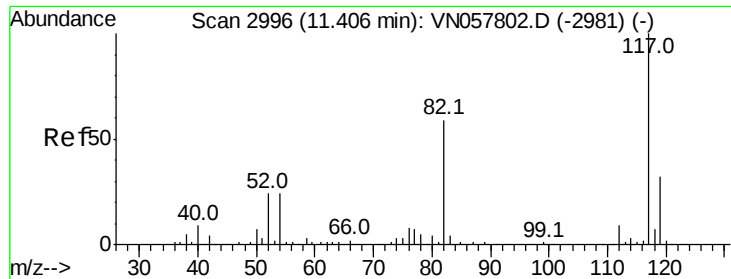
Tot Ion: 43 Resp: 118287
Ion Ratio Lower Upper
43 100
58 18.4 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 45.589 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Tgt Ion: 95 Resp: 366972
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.2
176 72.3 0.0 146.0

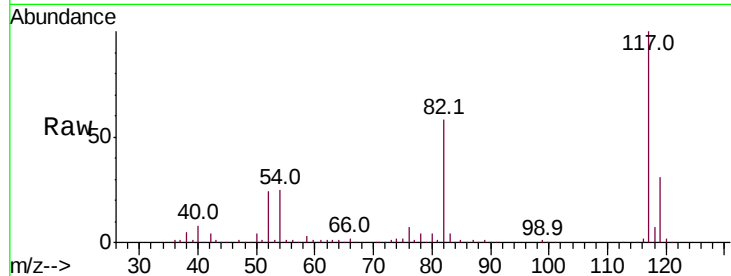




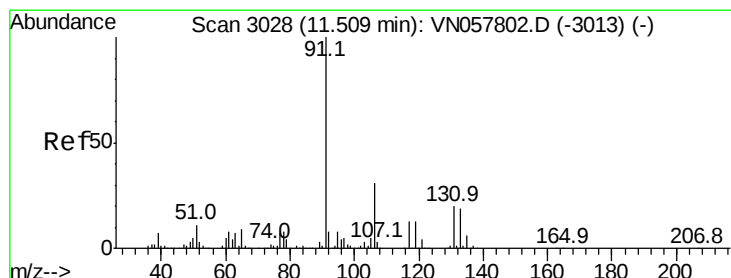
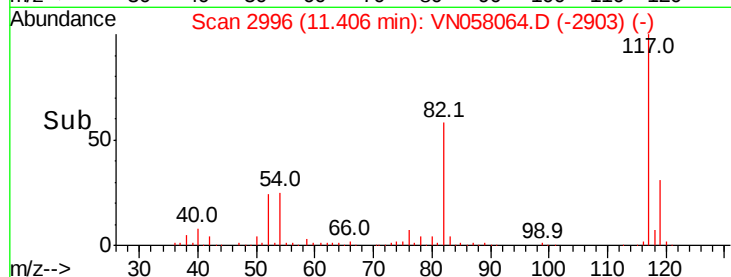
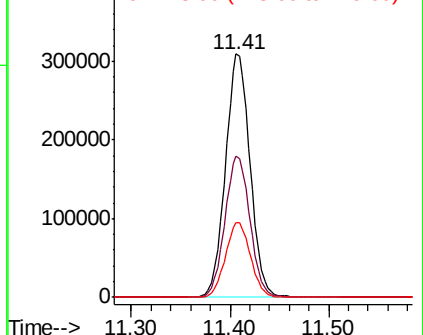
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 541087
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 30.8 25.3 37.9

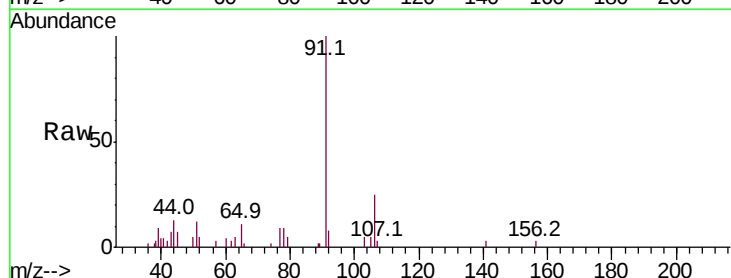


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

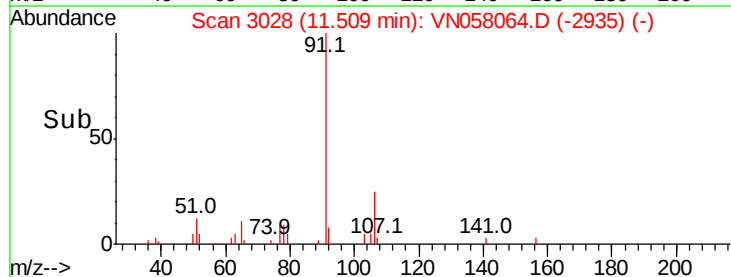
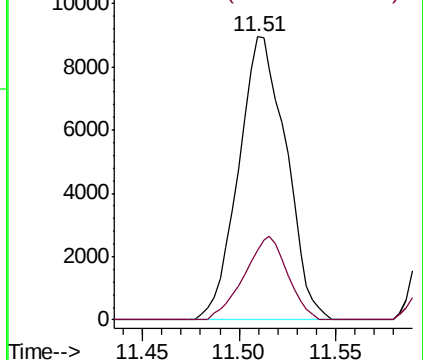


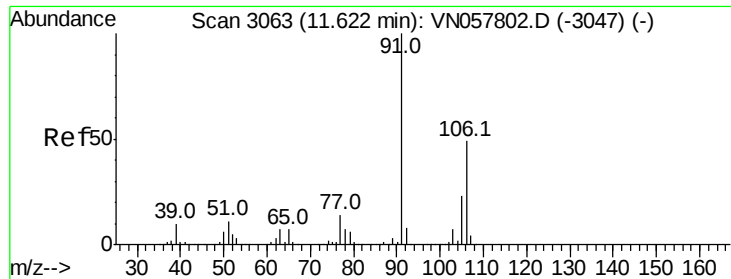
#67
Ethyl Benzene
Concen: 0.618 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Tgt Ion: 91 Resp: 15339
Ion Ratio Lower Upper
91 100
106 24.7 24.4 36.6



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

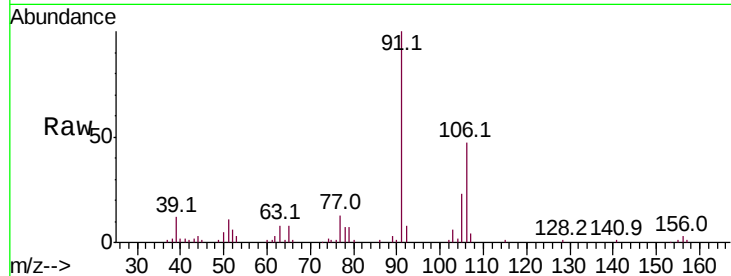




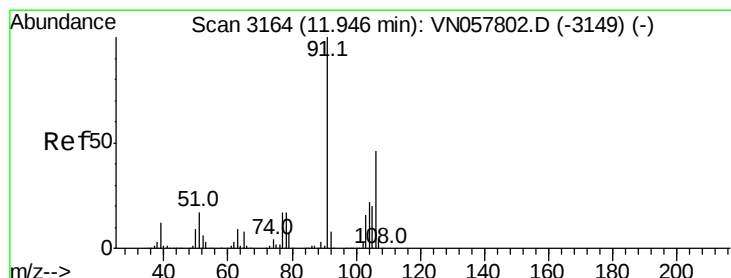
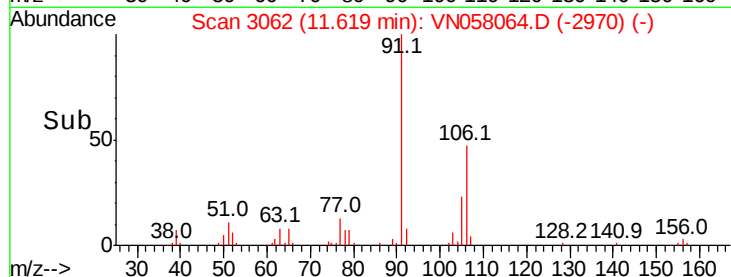
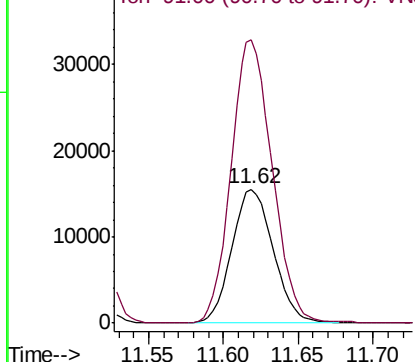
#68
m/p-Xylenes
Concen: 3.291 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 29919
Ion Ratio Lower Upper
106 100
91 209.5 165.8 248.6

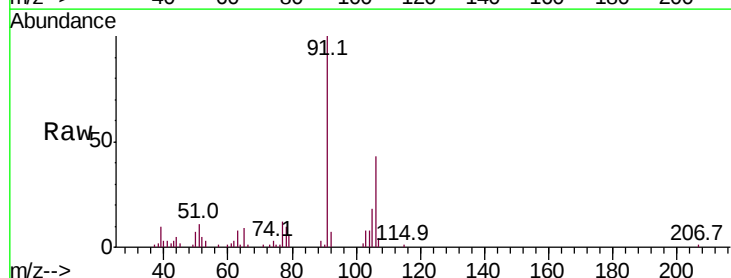


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

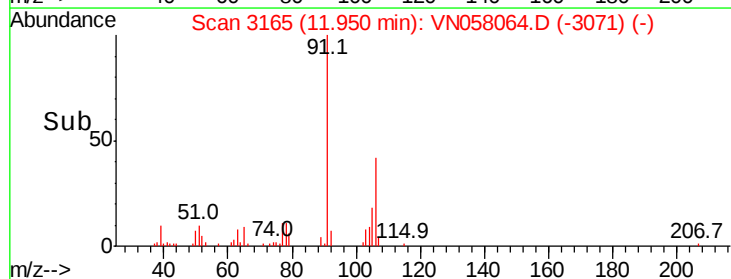
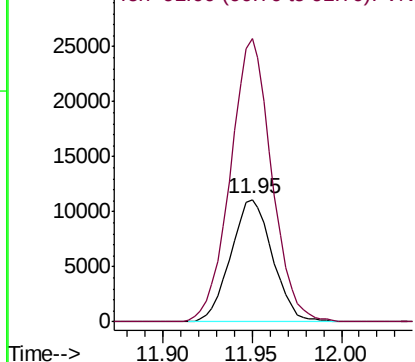


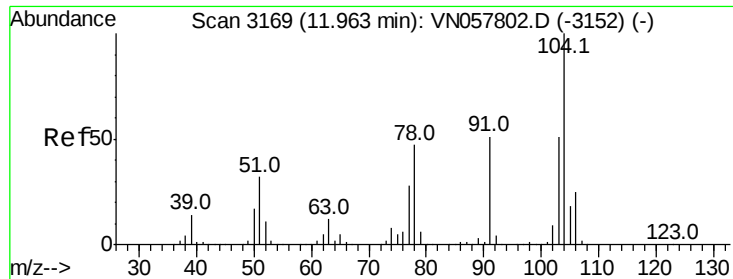
#69
o-Xylene
Concen: 2.011 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Tgt Ion:106 Resp: 18170
Ion Ratio Lower Upper
106 100
91 228.0 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

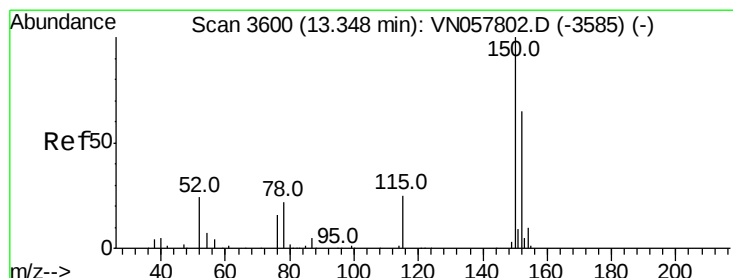
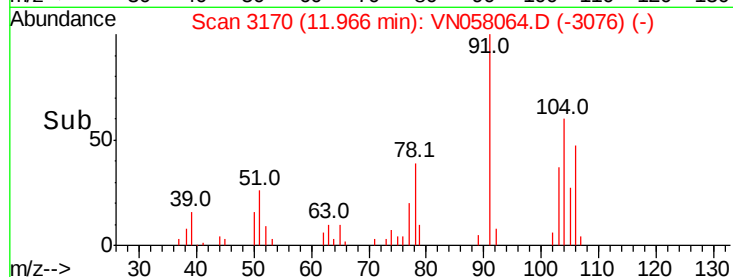
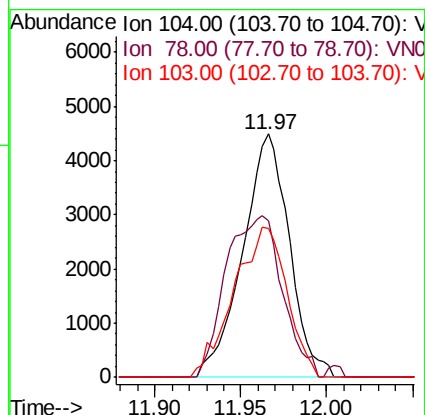
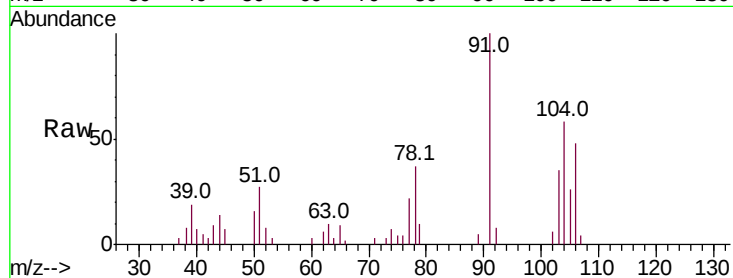




#70
Stvrene
Concen: 0.544 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

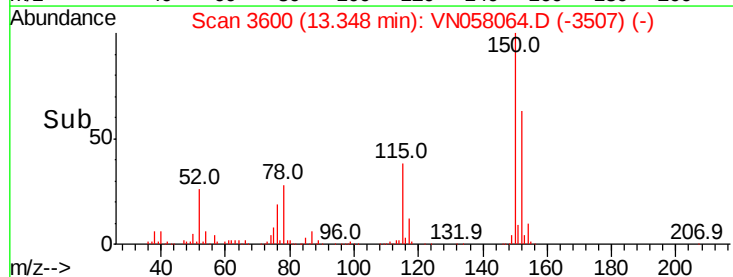
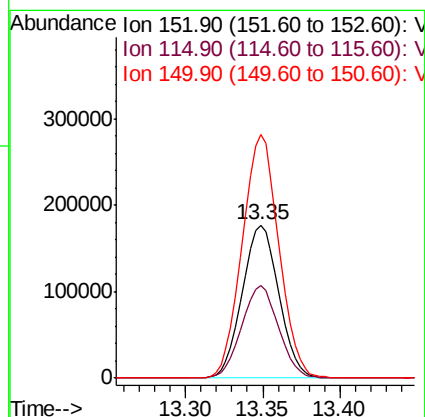
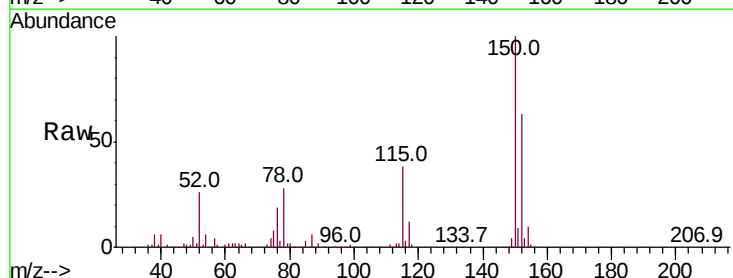
Instrument :
MSVOA_N
ClientSampled :

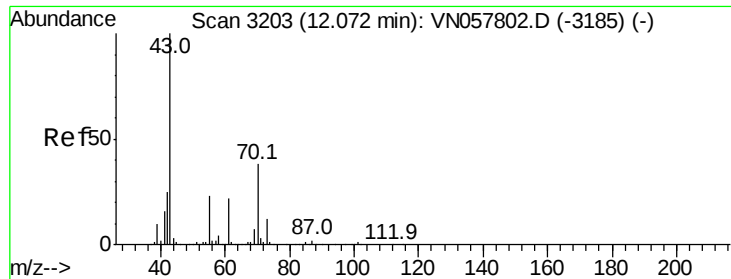
Tot Ion:104 Resp: 8464
Ion Ratio Lower Upper
104 100
78 80.3 41.3 61.9#
103 70.1 43.7 65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Tgt Ion:152 Resp: 292393
Ion Ratio Lower Upper
152 100
115 60.8 30.3 91.0
150 159.1 0.0 352.4





#74

N-amvl acetate

Concen: 0.510 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 5032

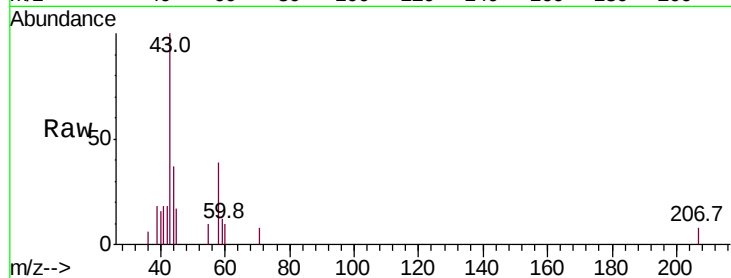
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 3.6 18.6 27.8#

61 0.0 17.4 26.2#

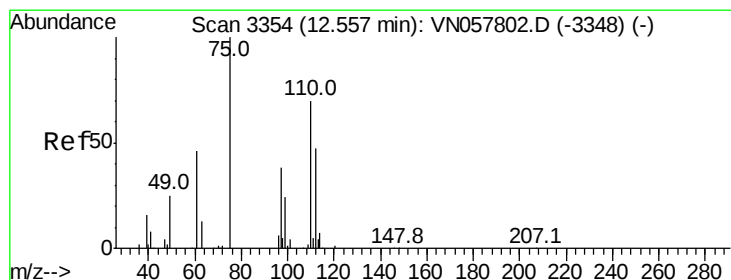
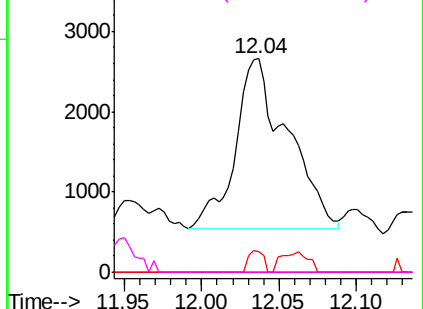
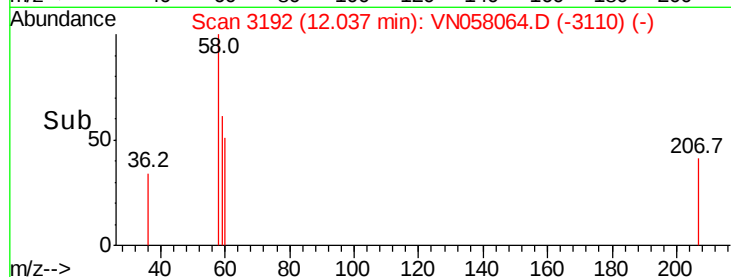


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 30.309 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058064.D

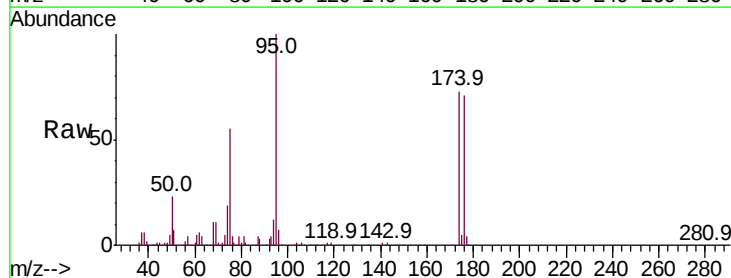
Acq: 14 Sep 2019 10:01

Tgt Ion: 75 Resp: 200478

Ion Ratio Lower Upper

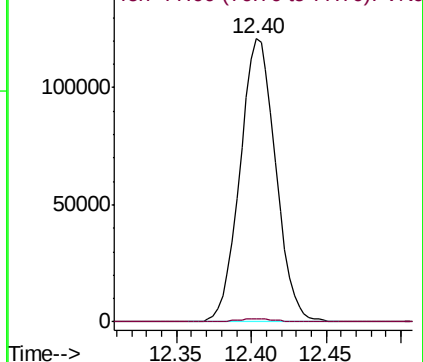
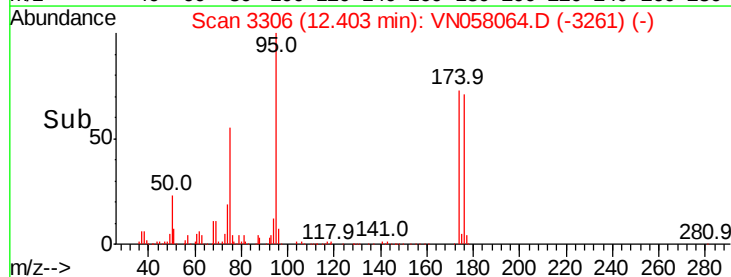
75 100

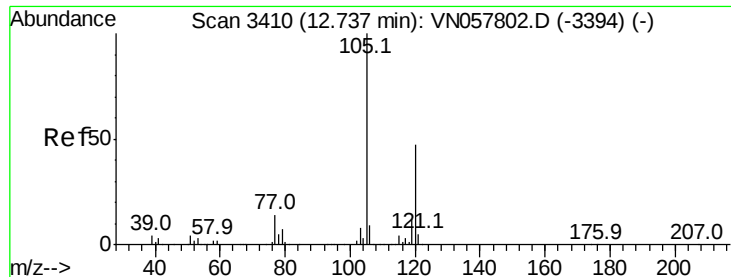
77 1.1 0.0 0.0#



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: 0.418 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

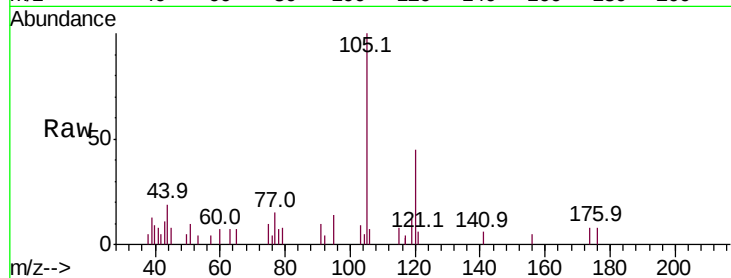
ClientSampled :

Tot Ion:105 Resp: 8020

Ion Ratio Lower Upper

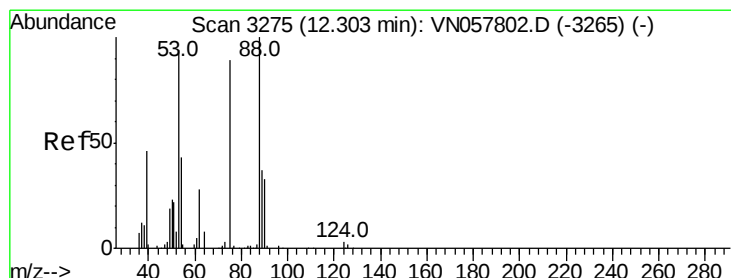
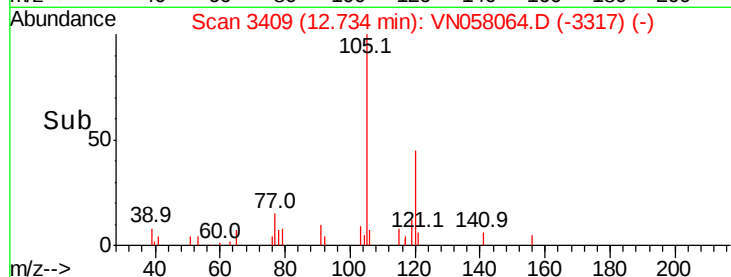
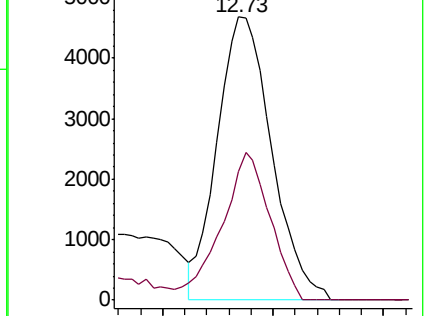
105 100

120 46.5 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 106.658 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

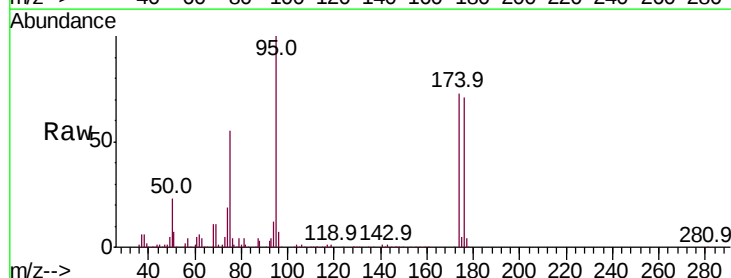
Tgt Ion: 75 Resp: 200478

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

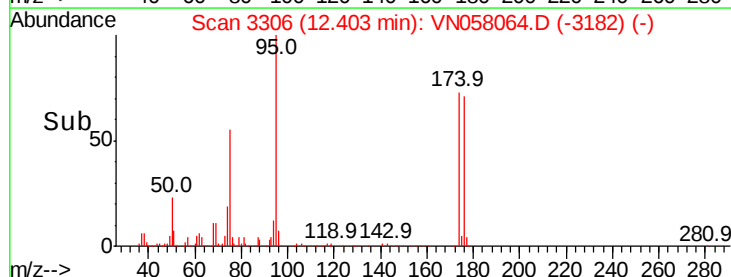
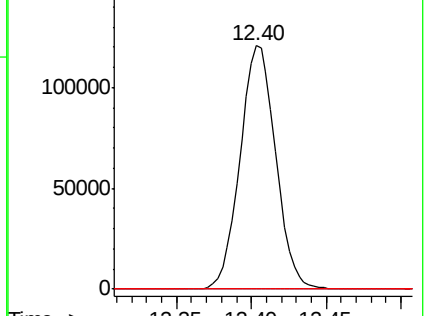
89 0.0 35.3 52.9#

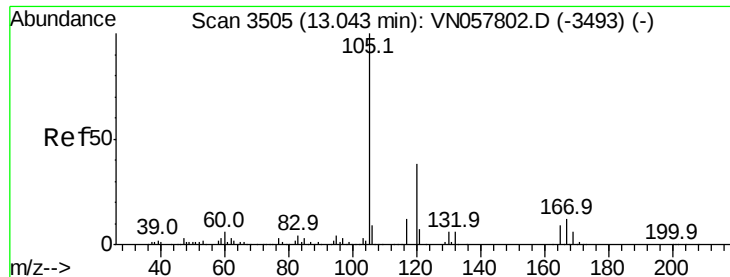


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.862 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

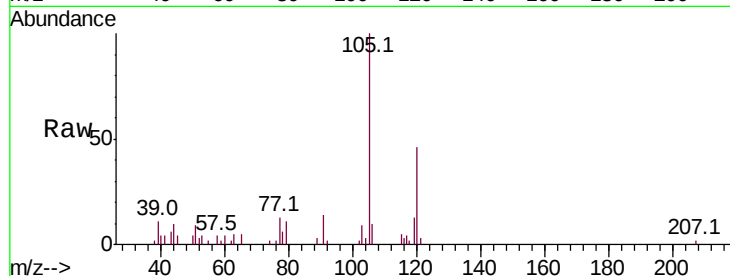
ClientSampleId :

Tot Ion:105 Resp: 16802

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

4000

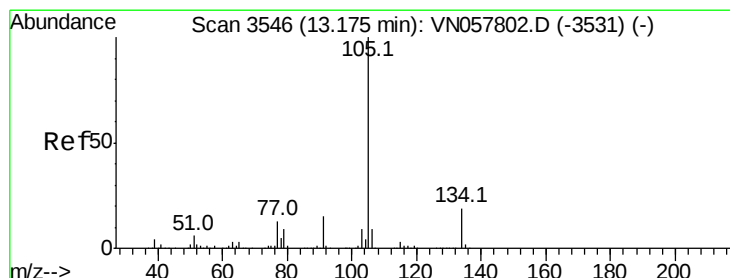
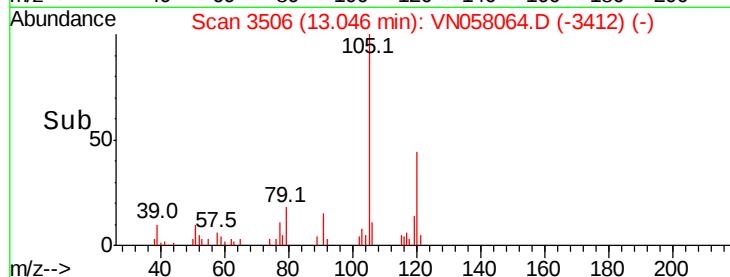
2000

0

13.05

13.10

Time-->



#85

sec-Butylbenzene

Concen: 0.744 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.13 min

Lab File: VN058064.D

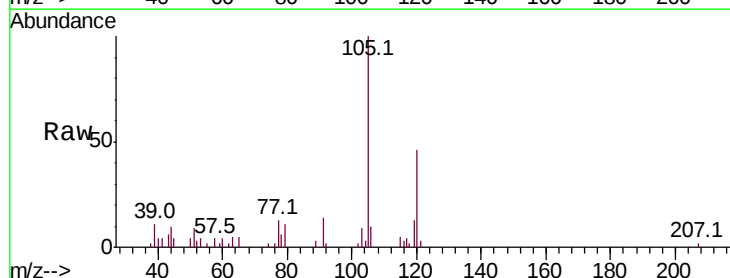
Acq: 14 Sep 2019 10:01

Tgt Ion:105 Resp: 16802

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12000

10000

8000

6000

4000

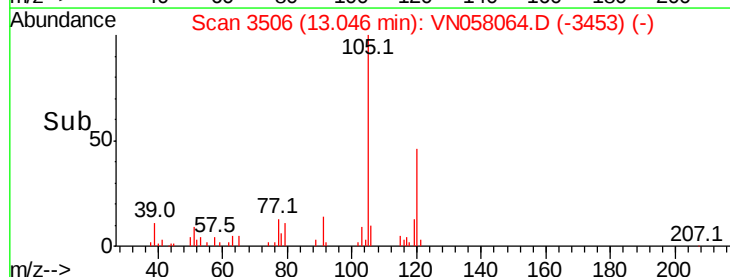
2000

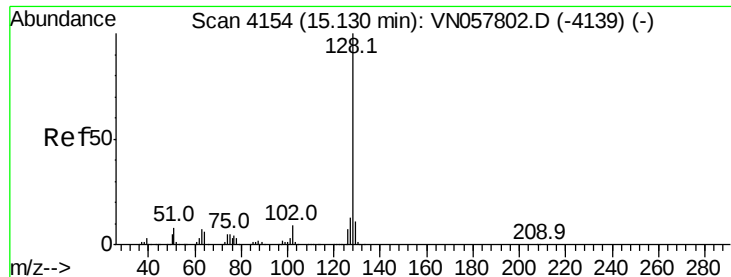
0

13.05

13.10

Time-->





#95

Naphthalene

Concen: 104.665 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

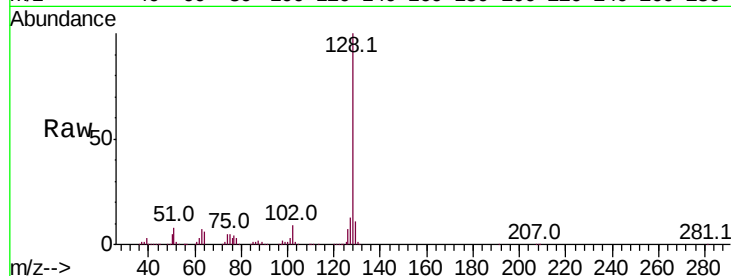
Tot Ion:128 Resp: 1762126

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

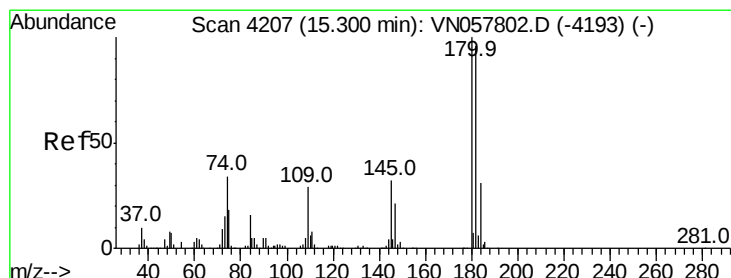
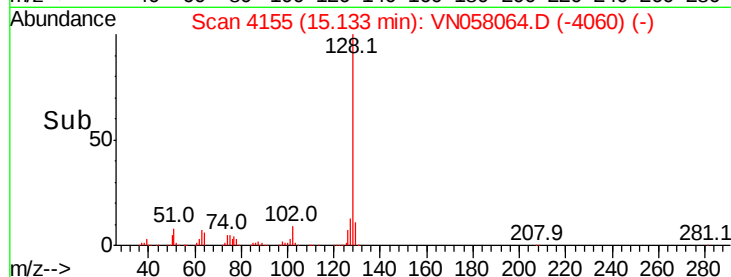
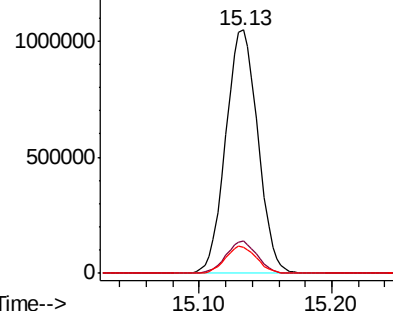
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.003 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. -0.01 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

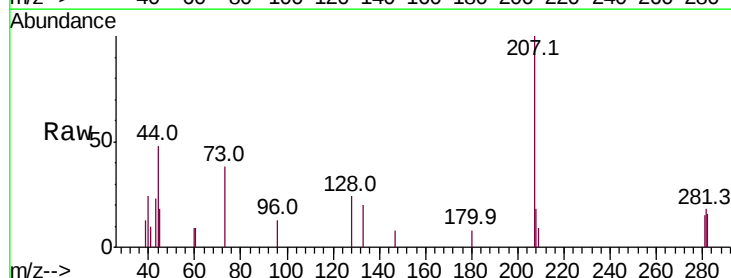
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 566.7 48.3 144.8#

145 0.0 16.3 48.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

