

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058062.D
 Acq On : 14 Sep 2019 9:17
 Operator : JC/SP
 Sample : K4850-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:57:24 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	330161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	567231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	384431	57.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.98%	
35) Dibromofluoromethane	7.58	113	256050	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.08	98	1057360	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.40	95	354965	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	

Target Compounds

					Qvalue
5) Bromomethane	2.56	94	139	Below Cal	# 2
16) Acetone	3.80	43	45990	20.979	ug/l # 98
17) Carbon Disulfide	4.03	76	4592	0.995	ug/l # 99
18) Methyl Acetate	4.31	43	8043	1.376	ug/l # 97
20) Methylene Chloride	4.53	84	16301	2.743	ug/l # 91
25) 2-Butanone	6.82	43	12412	3.912	ug/l # 91
31) Cyclohexane	7.65	56	8997	Below Cal	# 39
36) 1,1-Dichloropropene	7.65	75	28284	4.300	ug/l # 50
37) Ethyl Acetate	6.82	43	12412	1.826	ug/l # 70
38) Carbon Tetrachloride	7.65	117	33318	5.547	ug/l # 16
40) Benzene	8.03	78	11283	0.570	ug/l # 91
43) Isopropyl Acetate	8.16	43	161446	14.125	ug/l # 79
45) 1,2-Dichloropropane	9.26	63	1995	0.346	ug/l # 44
48) Methyl methacrylate	9.17	41	5780	0.997	ug/l # 13
51) 4-Methyl-2-Pentanone	9.98	43	8157	1.206	ug/l # 87
52) Toluene	10.15	92	2771	0.222	ug/l # 95
54) cis-1,3-Dichloropropene	9.90	75	44022	5.445	ug/l # 67
57) 1,3-Dichloropropane	10.76	76	6324	0.694	ug/l # 43
59) 2-Hexanone	10.76	43	109301	21.559	ug/l # 54
67) Ethyl Benzene	11.51	91	77937	3.190	ug/l # 99
68) m/p-Xylenes	11.62	106	9782	1.093	ug/l # 84
69) o-Xylene	11.95	106	19808	2.227	ug/l # 97
70) Styrene	11.96	104	3697	0.241	ug/l # 2
71) Bromoform	12.40	173	973	0.323	ug/l # 1
73) Isopropylbenzene	12.25	105	43424	1.942	ug/l # 100
74) N-amyl acetate	12.03	43	5631	0.579	ug/l # 49
76) 1,2,3-Trichloropropane	12.40	75	193098	29.629	ug/l # 100
78) n-propylbenzene	12.60	91	7717	0.301	ug/l # 99
80) 1,3,5-Trimethylbenzene	12.73	105	11047	0.585	ug/l # 98
81) trans-1,4-Dichloro-2-buten	12.40	75	193098	104.264	ug/l # 6
84) 1,2,4-Trimethylbenzene	13.04	105	67801	3.532	ug/l # 95
85) sec-Butylbenzene	13.04	105	67801	3.047	ug/l # 58
89) n-Butylbenzene	13.55	91	101432	5.478	ug/l # 44
90) Hexachloroethane	13.89	117	2173	0.745	ug/l # 12

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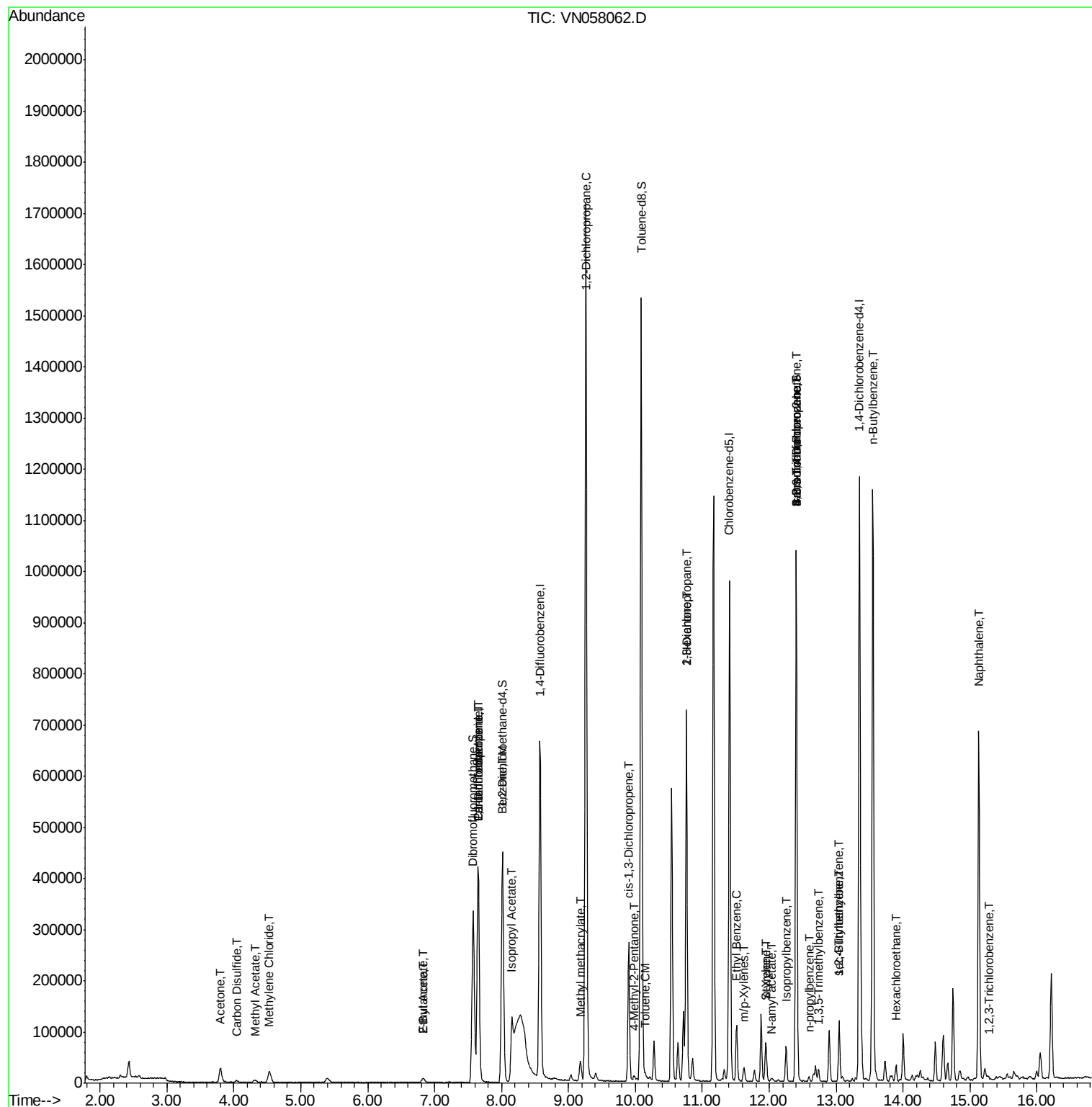
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	535748	31.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	265	1.043	ug/l #	11

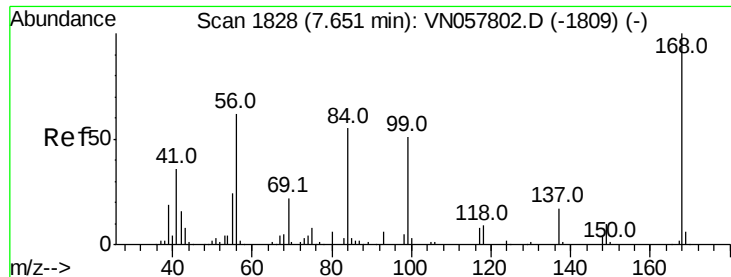
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058062.D

Acq: 14 Sep 2019 9:17

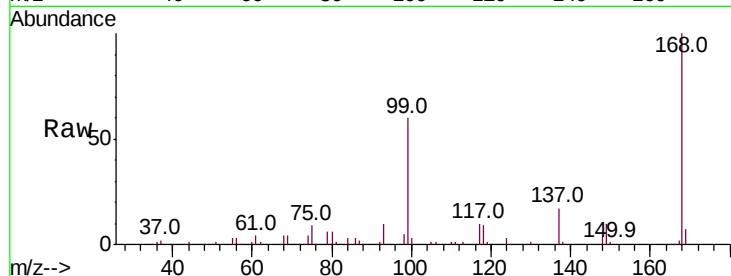
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 330161

Ion Ratio Lower Upper

168 100

99 59.7 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

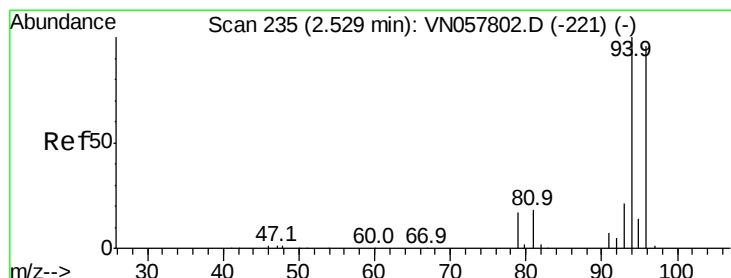
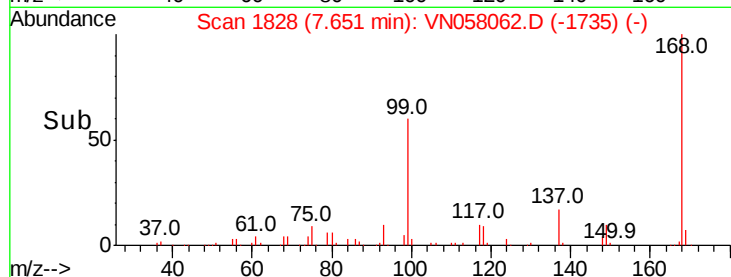
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 244

Delta R.T. 0.03 min

Lab File: VN058062.D

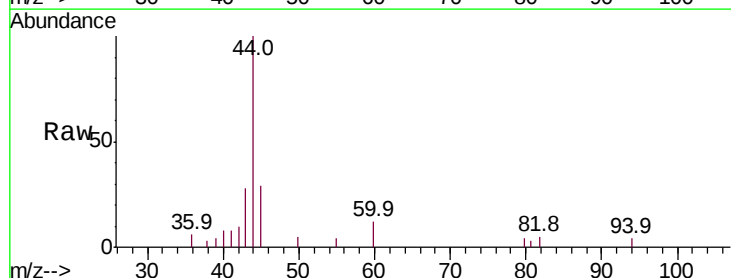
Acq: 14 Sep 2019 9:17

Tgt Ion: 94 Resp: 139

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

250

200

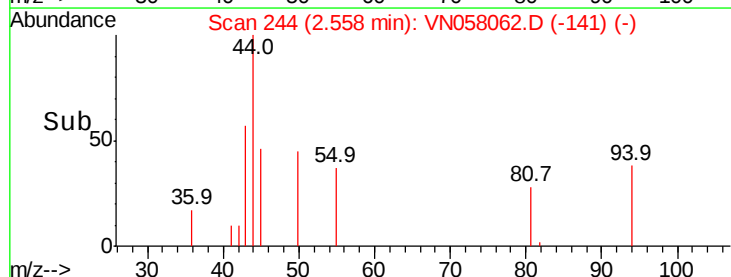
150

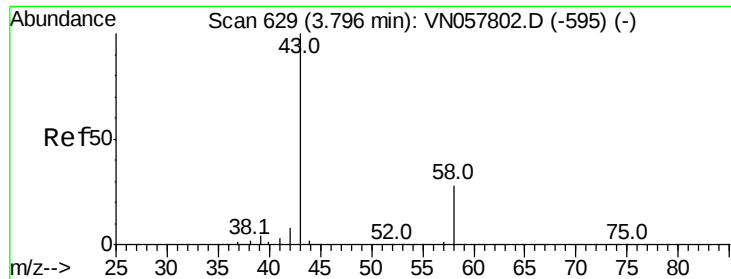
100

50

0

Time-->





#16

Acetone

Concen: 20.979 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

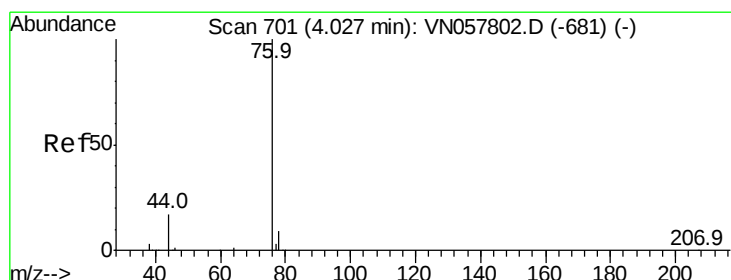
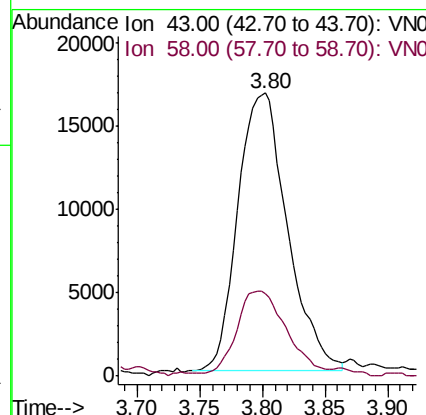
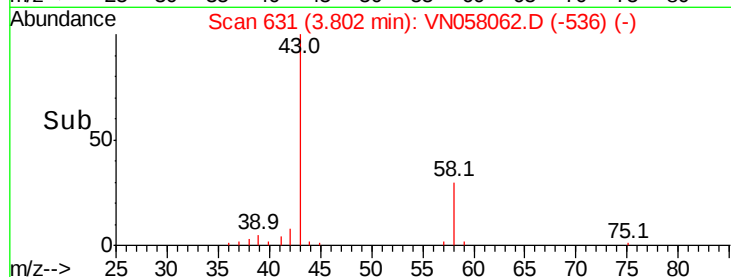
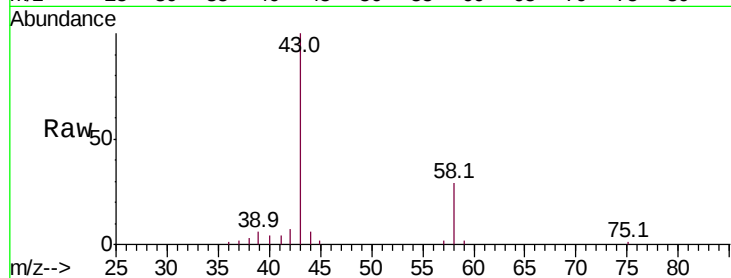
ClientSampleId :

Tot Ion: 43 Resp: 45990

Ion Ratio Lower Upper

43 100

58 28.5 22.2 33.2



#17

Carbon Disulfide

Concen: 0.995 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058062.D

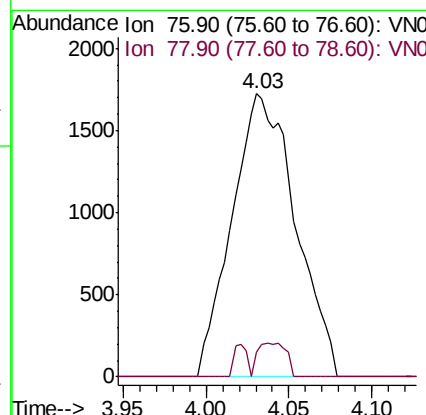
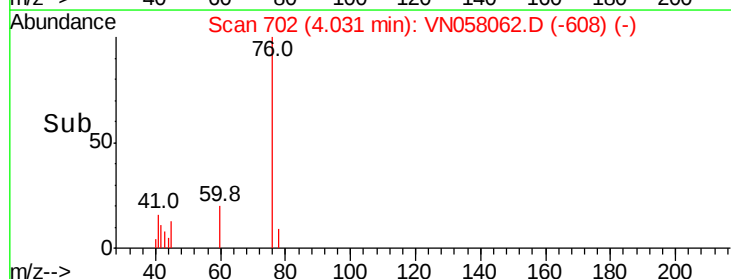
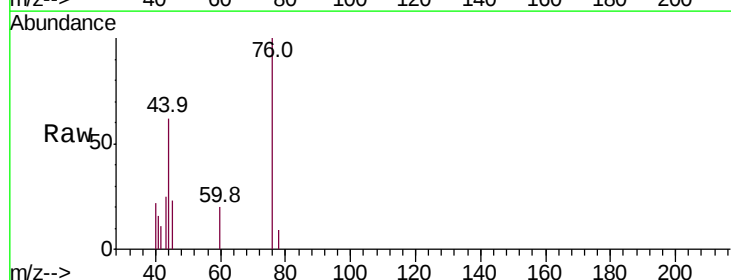
Acq: 14 Sep 2019 9:17

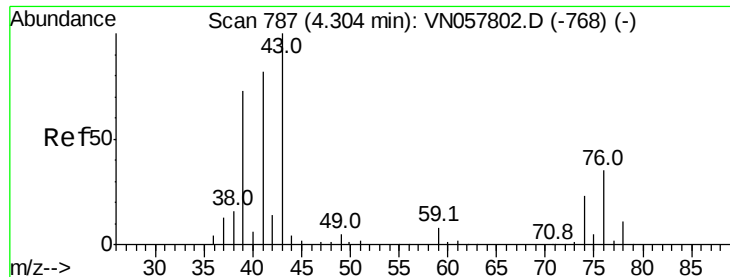
Tgt Ion: 76 Resp: 4592

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7





#18

Methyl Acetate

Concen: 1.376 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

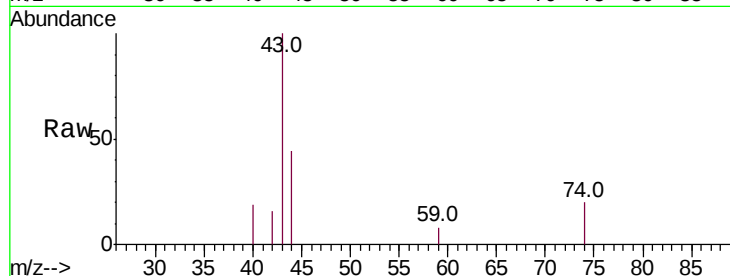
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 8043

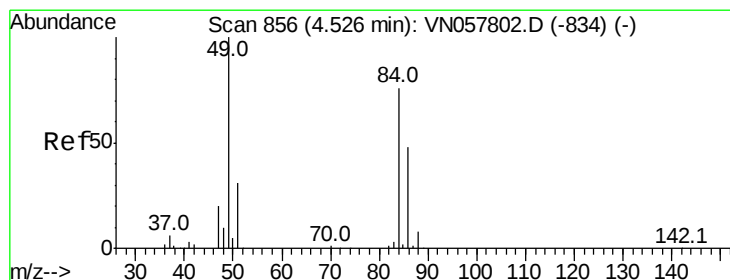
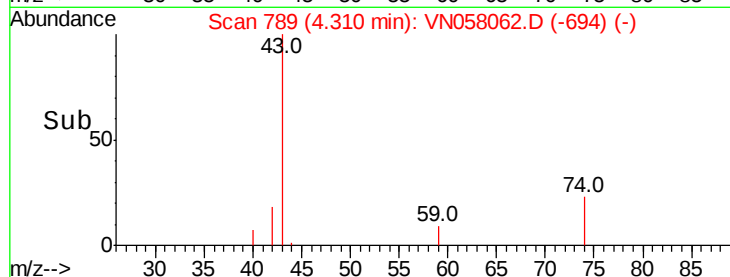
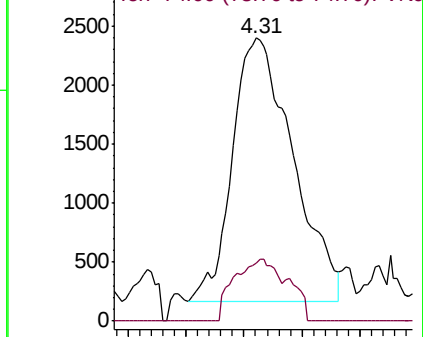
Ion Ratio Lower Upper

43 100

74 20.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 74.00 (73.70 to 74.70): VNC



#20

Methylene Chloride

Concen: 2.743 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Tgt Ion: 84 Resp: 16301

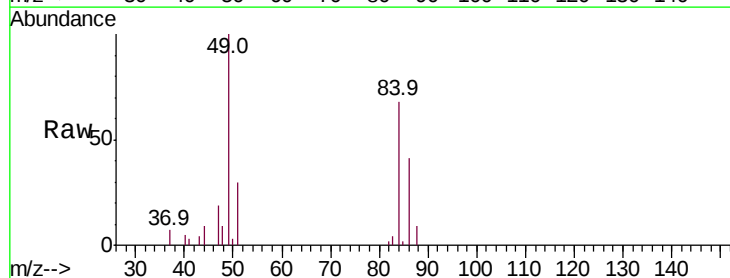
Ion Ratio Lower Upper

84 100

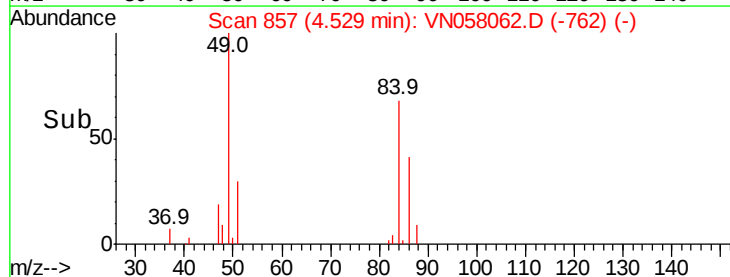
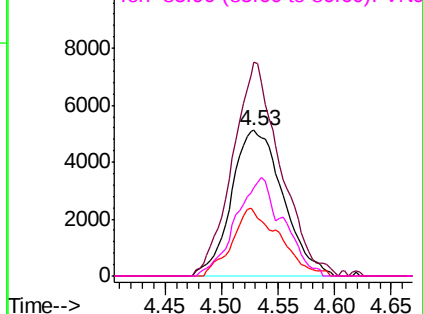
49 146.8 104.8 157.2

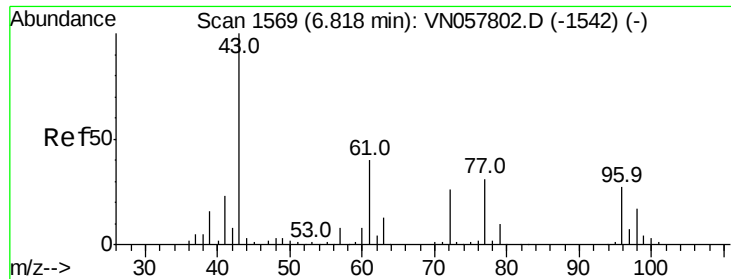
51 43.7 33.0 49.4

86 60.4 50.5 75.7



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

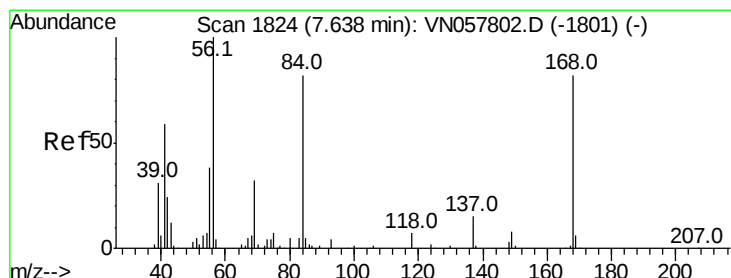
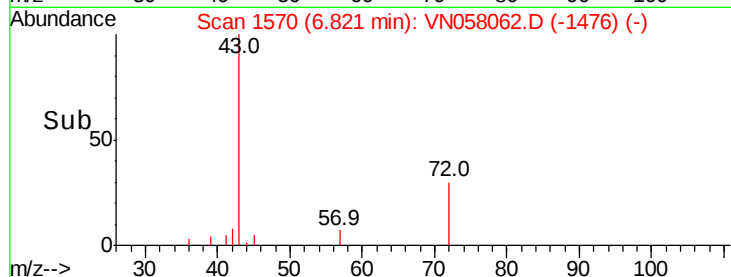
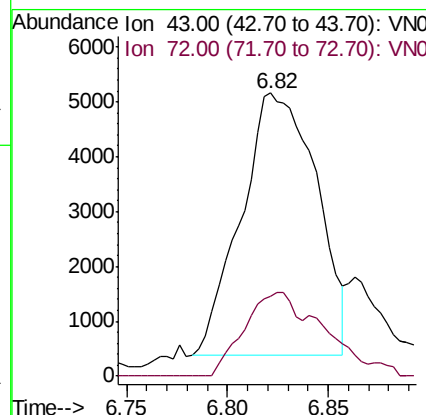
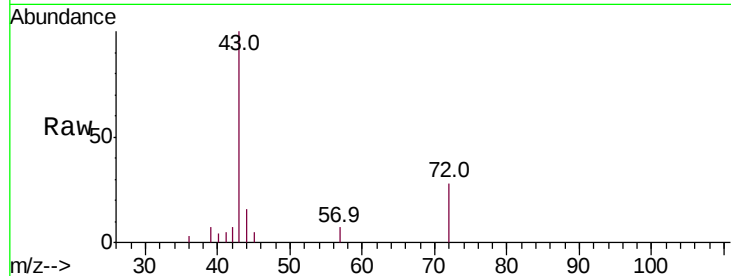




#25
2-Butanone
Concen: 3.912 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

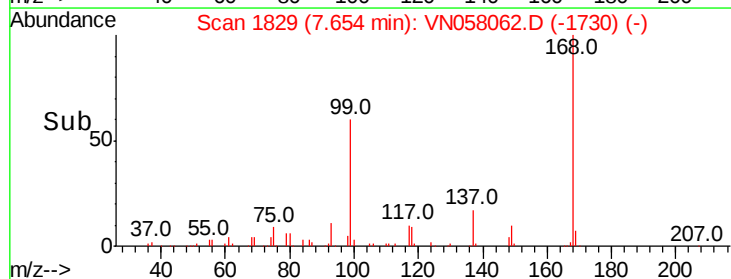
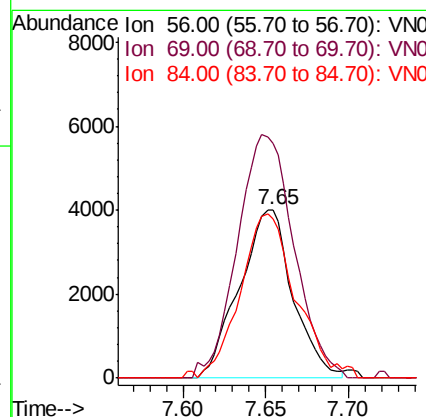
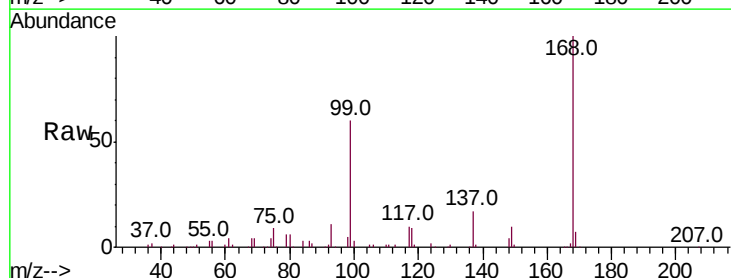
Instrument :
MSVOA_N
ClientSampled :

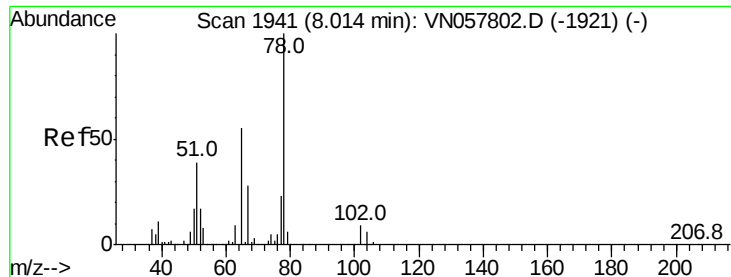
Tot Ion: 43 Resp: 12412
Ion Ratio Lower Upper
43 100
72 30.5 20.6 30.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

Tgt Ion: 56 Resp: 8997
Ion Ratio Lower Upper
56 100
69 139.7 25.9 38.9#
84 91.0 65.6 98.4





#33

1,2-Dichloroethane-d4

Concen: 57.488 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

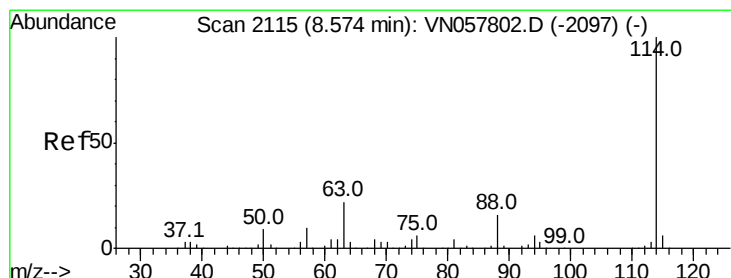
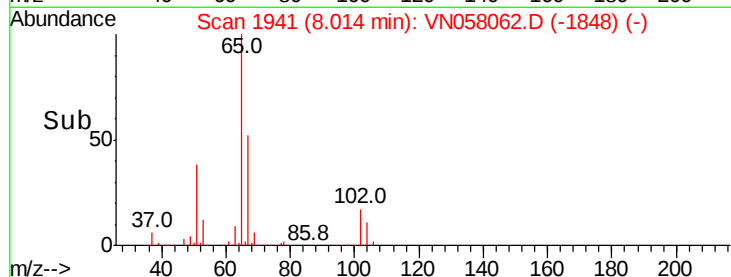
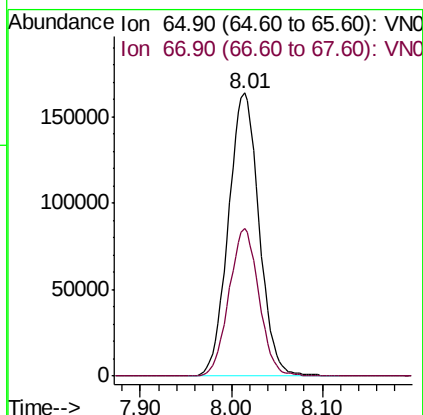
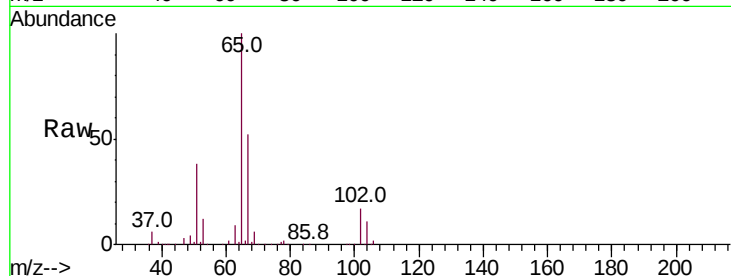
Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 384431

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

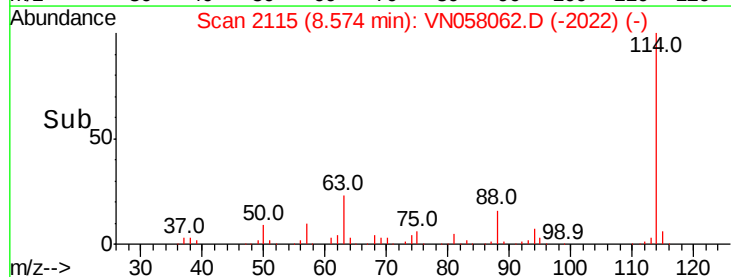
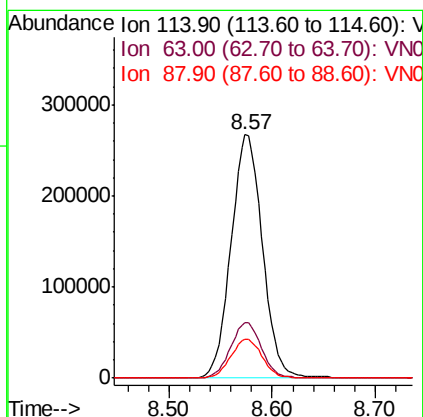
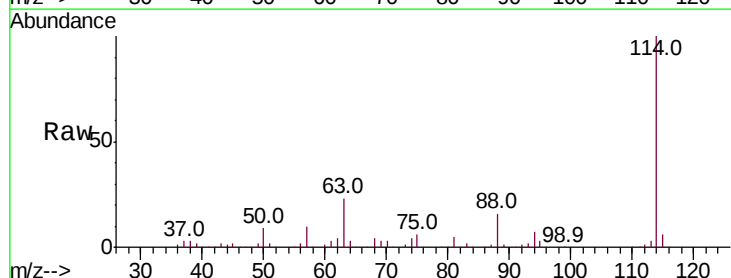
Delta R.T. 0.00 min

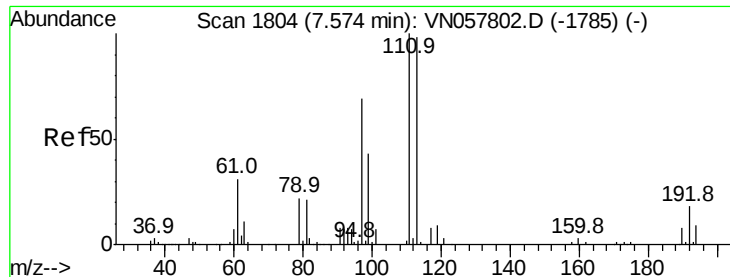
Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Tgt Ion: 114 Resp: 567231

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	16.2	0.0	31.4





#35

Dibromofluoromethane

Concen: 48.908 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

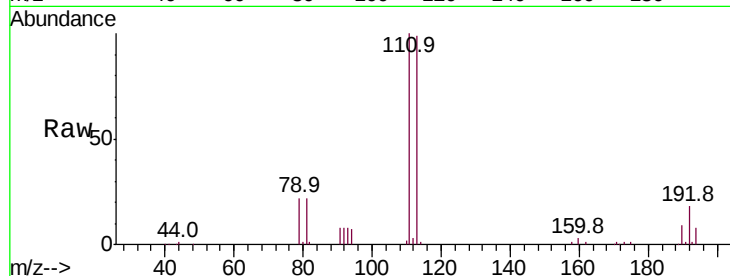
Tot Ion:113 Resp: 256050

Ion Ratio Lower Upper

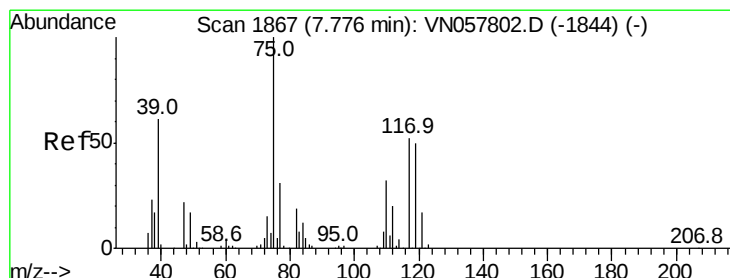
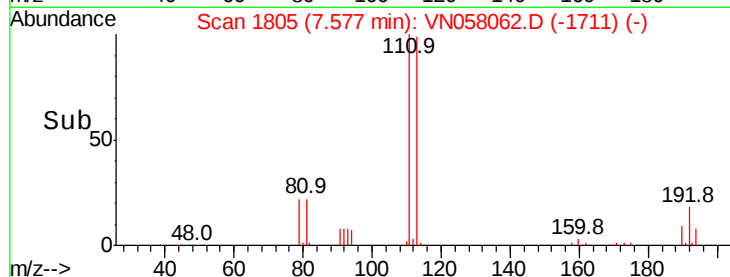
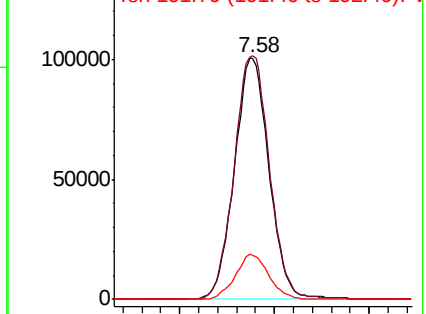
113 100

111 103.4 81.3 121.9

192 17.9 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: 4.300 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

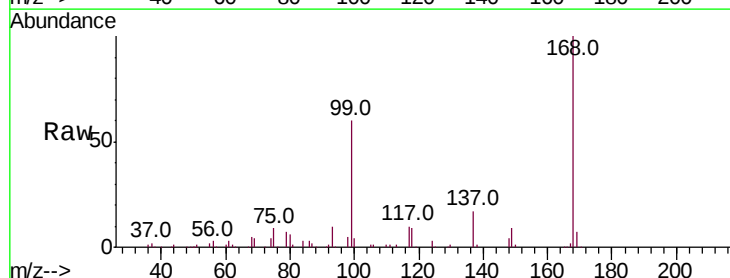
Tgt Ion: 75 Resp: 28284

Ion Ratio Lower Upper

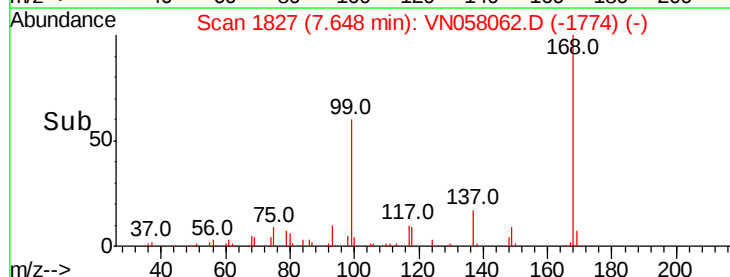
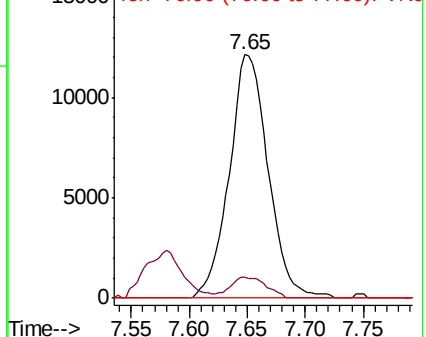
75 100

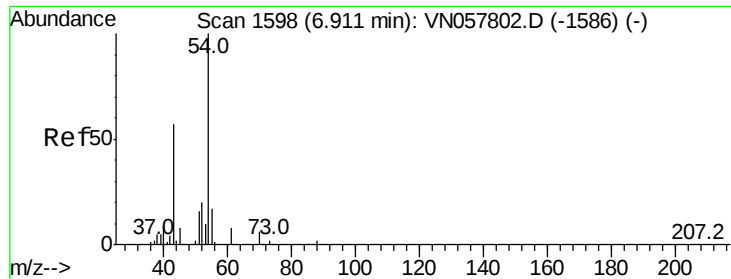
110 8.0 16.3 48.9#

77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 1.826 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.09 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :

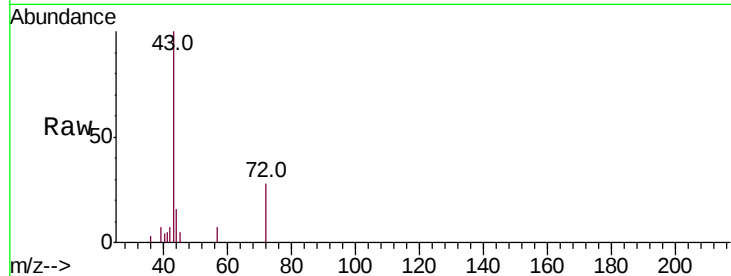
Tot Ion: 43 Resp: 12412

Ion Ratio Lower Upper

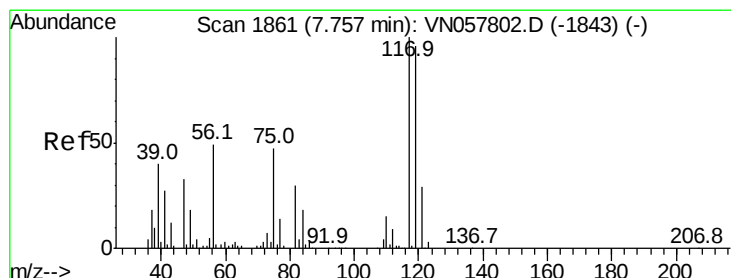
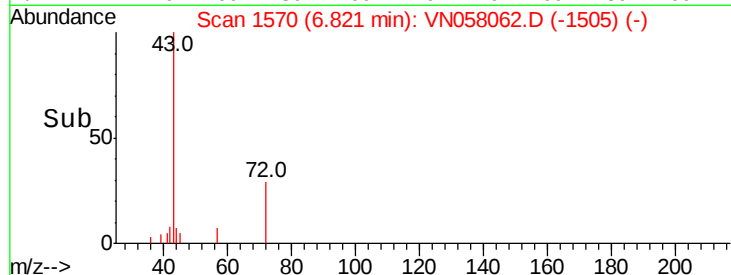
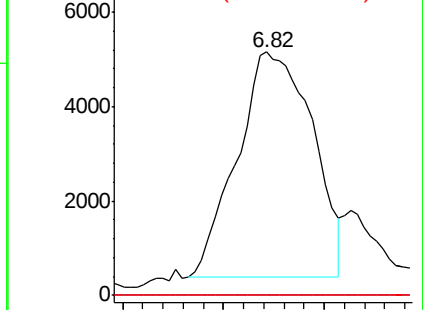
43 100

61 0.0 10.5 15.7#

70 0.0 7.4 11.0#



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: 5.547 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

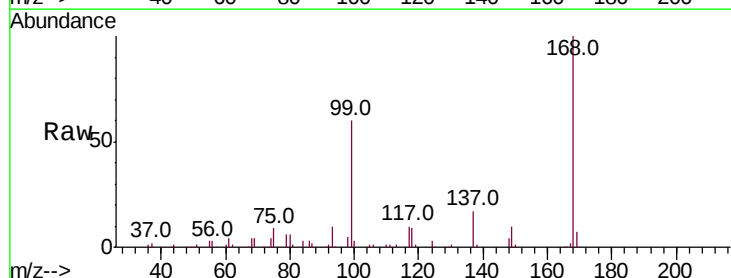
Tgt Ion: 117 Resp: 33318

Ion Ratio Lower Upper

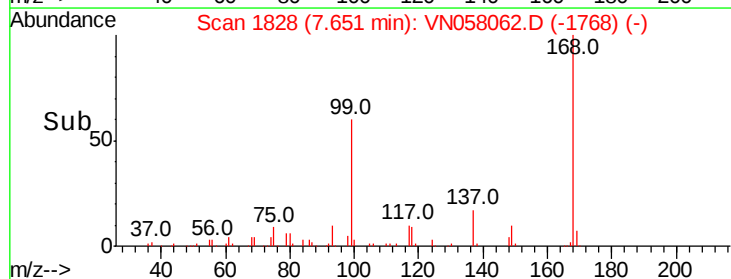
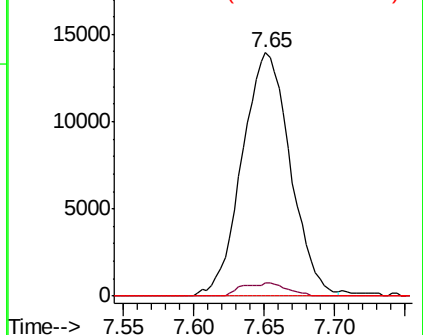
117 100

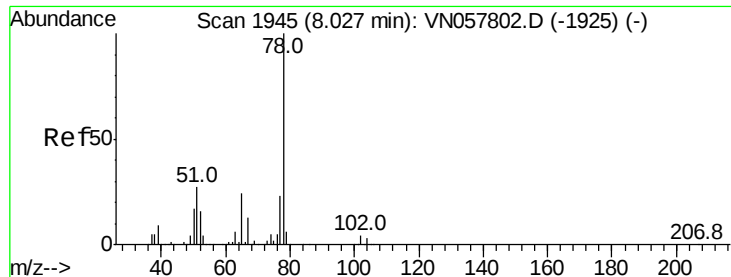
119 5.2 76.9 115.3#

121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.570 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

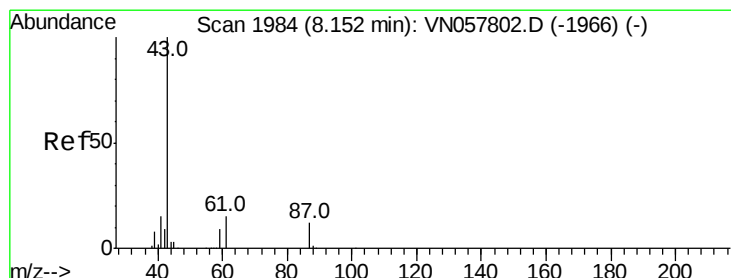
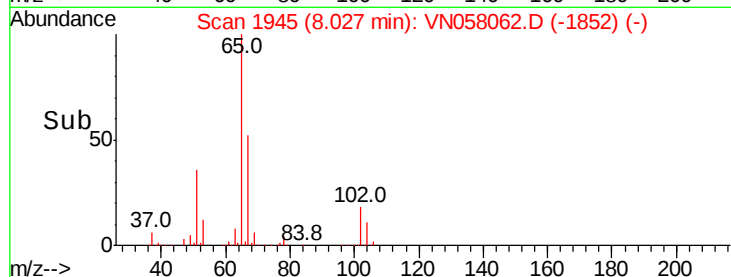
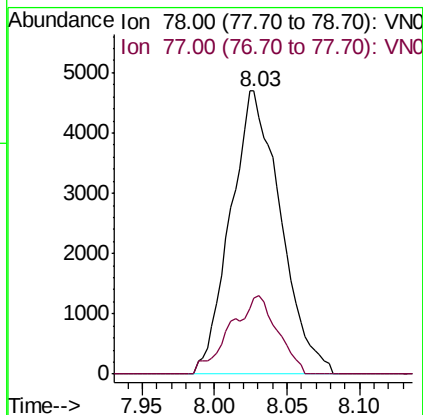
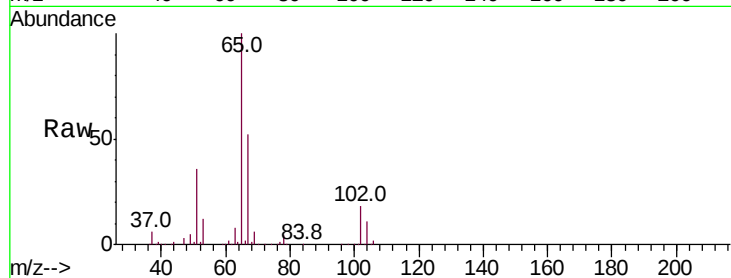
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 78 Resp: 11283

Ion Ratio Lower Upper

78 100

77 27.0 18.3 27.5



#43

Isopropyl Acetate

Concen: 14.125 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

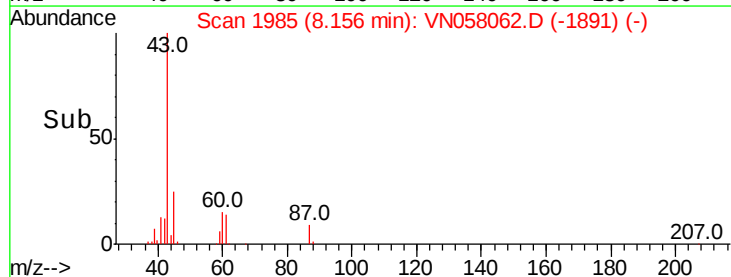
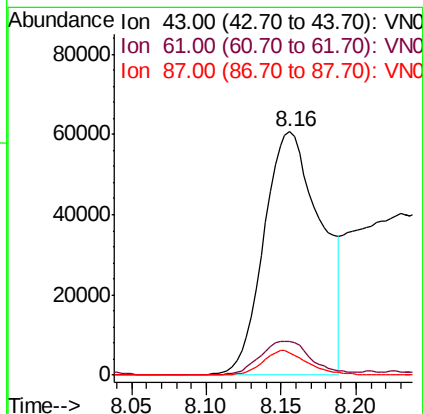
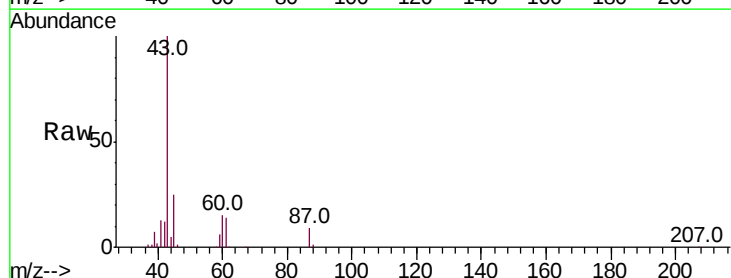
Tgt Ion: 43 Resp: 161446

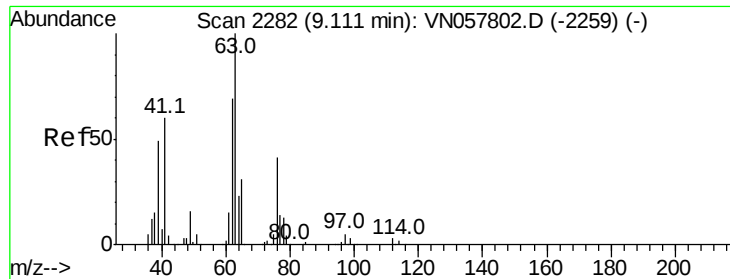
Ion Ratio Lower Upper

43 100

61 12.5 20.1 30.1#

87 7.7 9.5 14.3#





#45

1,2-Dichloropropane

Concen: 0.346 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

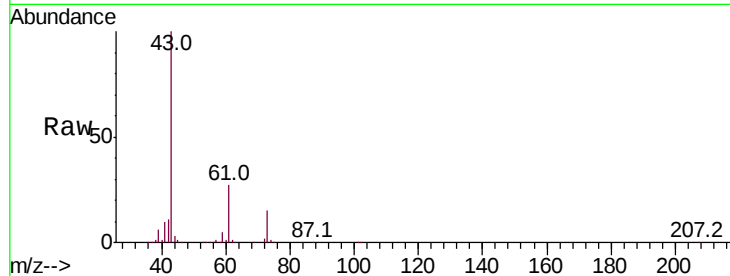
ClientSampled :

Tot Ion: 63 Resp: 1995

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC

9.26

1200

1000

800

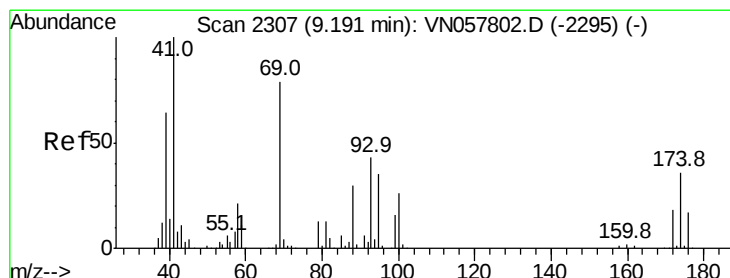
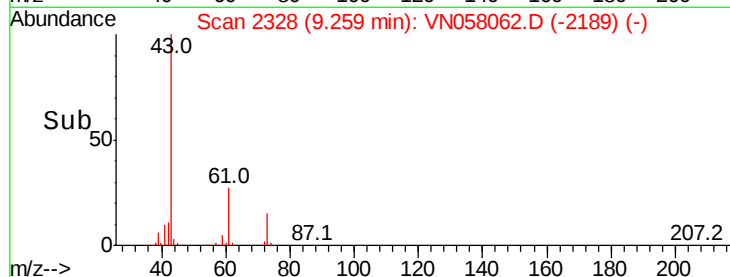
600

400

200

0

Time--> 9.20 9.25 9.30



#48

Methyl methacrylate

Concen: 0.997 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

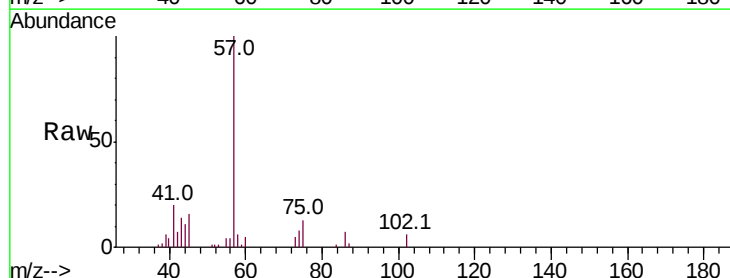
Tgt Ion: 41 Resp: 5780

Ion Ratio Lower Upper

41 100

69 0.0 62.7 94.1#

39 0.0 52.7 79.1#



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

120000

100000

80000

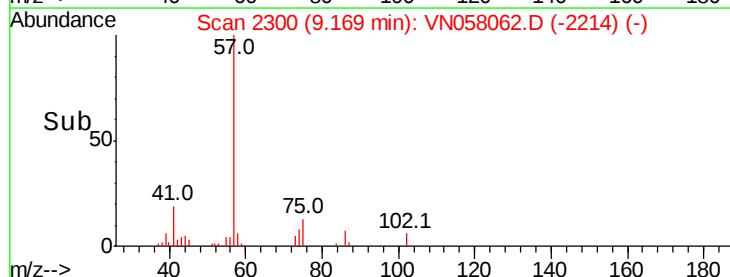
60000

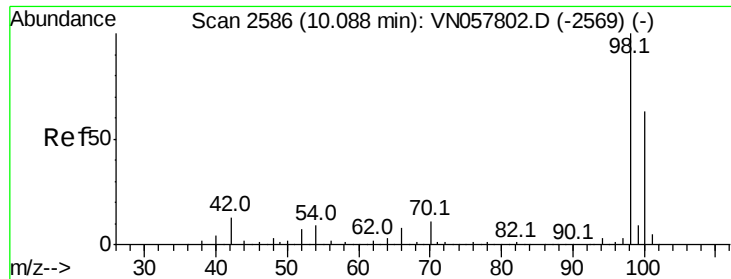
40000

20000

0

Time--> 9.10 9.15 9.20





#50

Toluene-d8

Concen: 52.019 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

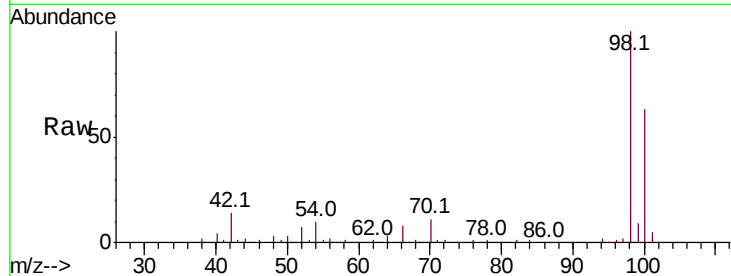
ClientSampled :

Tot Ion: 98 Resp: 1057360

Ion Ratio Lower Upper

98 100

100 62.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

10.08

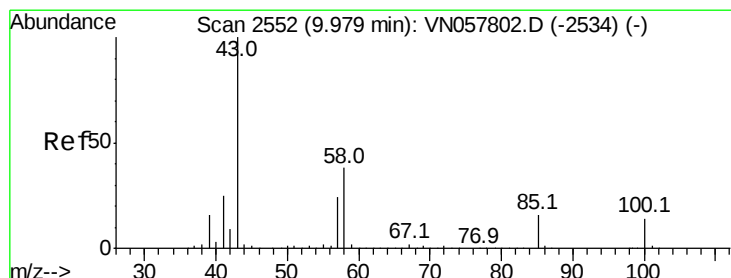
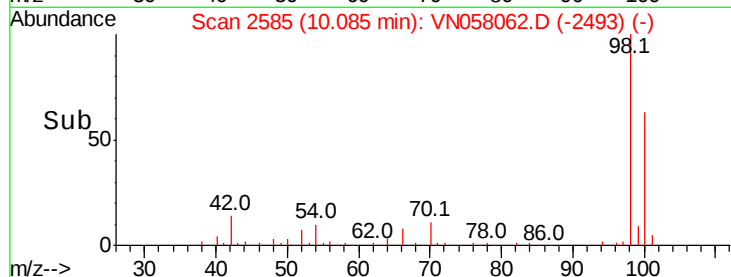
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.206 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058062.D

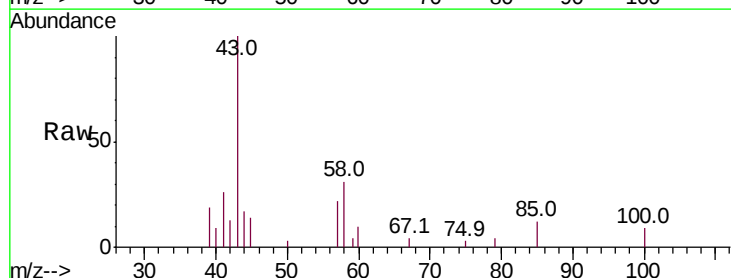
Acq: 14 Sep 2019 9:17

Tgt Ion: 43 Resp: 8157

Ion Ratio Lower Upper

43 100

58 29.5 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) (-)

30000

25000

20000

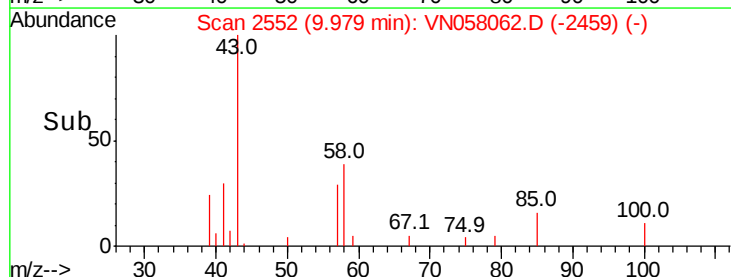
15000

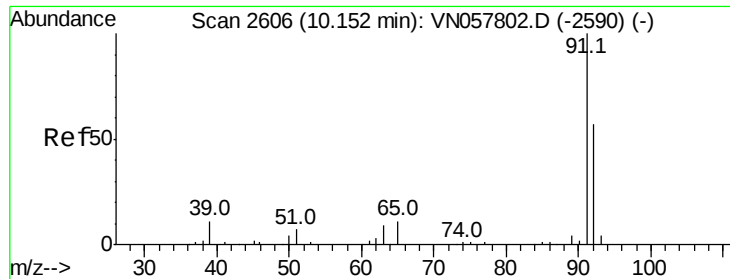
10000

5000

0

Time-->





#52

Toluene

Concen: 0.222 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

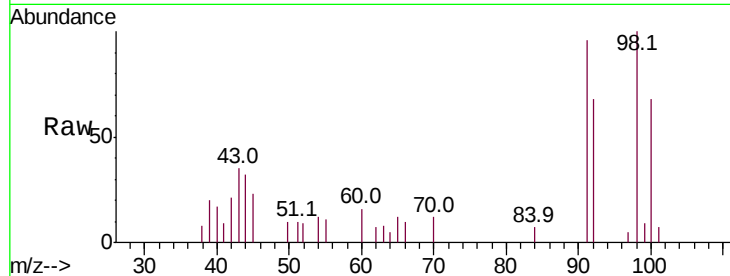
ClientSampled :

Tot Ion: 92 Resp: 2771

Ion Ratio Lower Upper

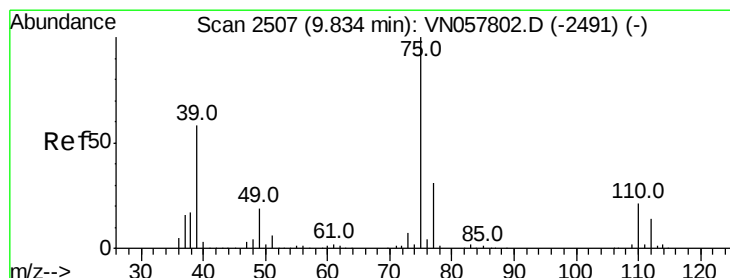
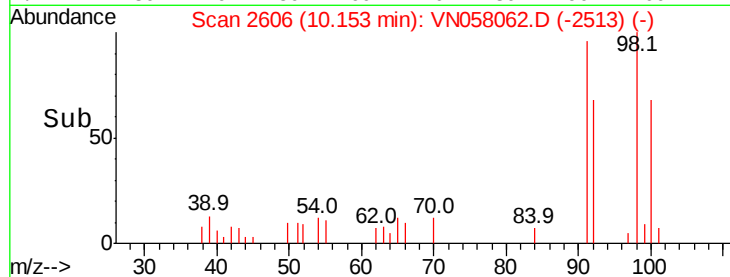
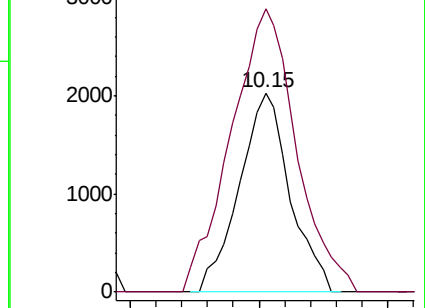
92 100

91 183.8 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.445 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

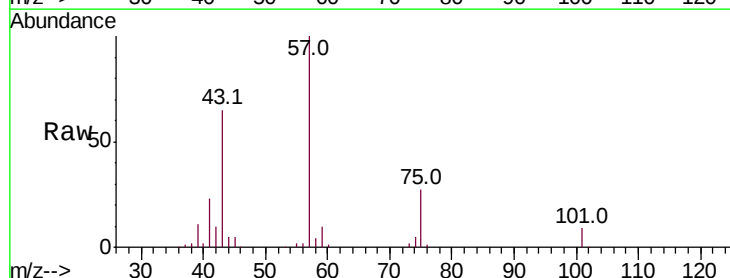
Tgt Ion: 75 Resp: 44022

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

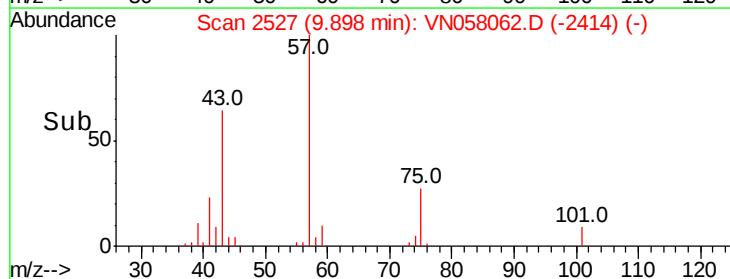
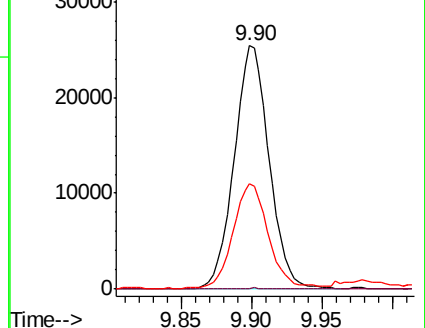
39 42.4 46.2 69.4#

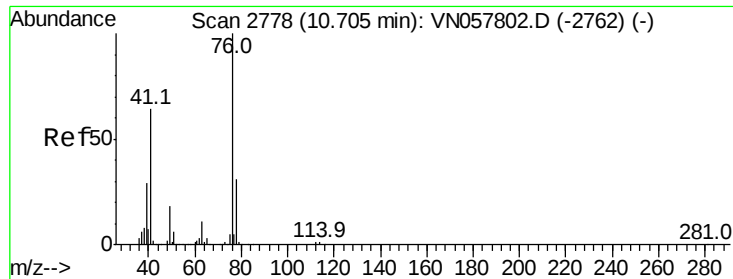


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

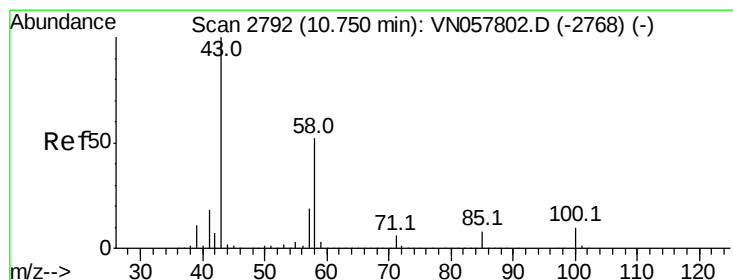
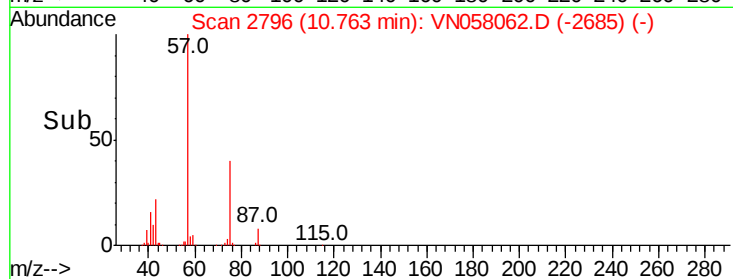
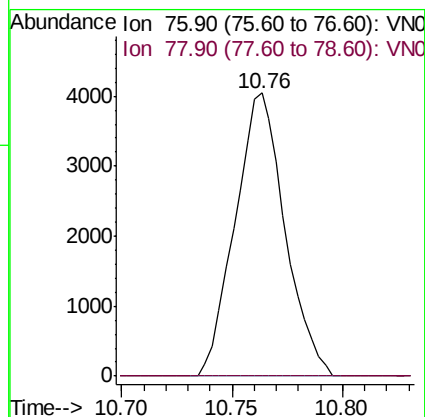
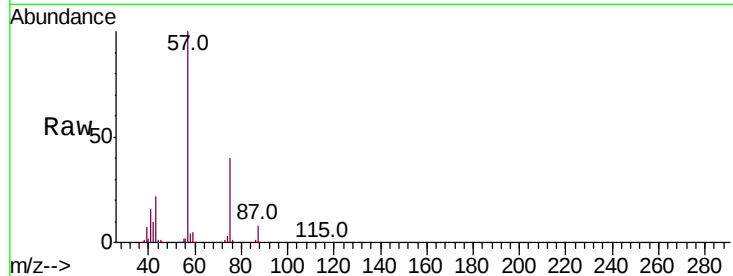




#57
 1,3-Dichloropropane
 Concen: 0.694 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN058062.D
 Acq: 14 Sep 2019 9:17

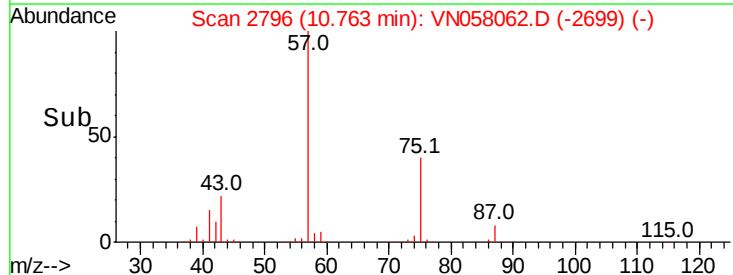
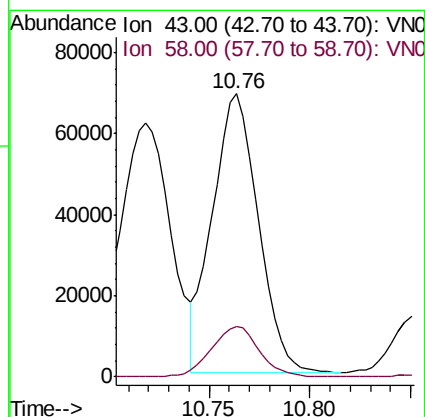
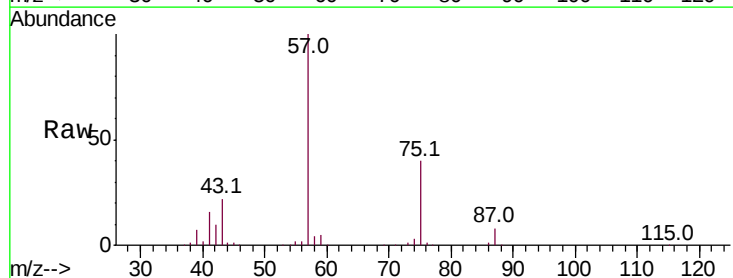
Instrument :
 MSVOA_N
 ClientSampleId :

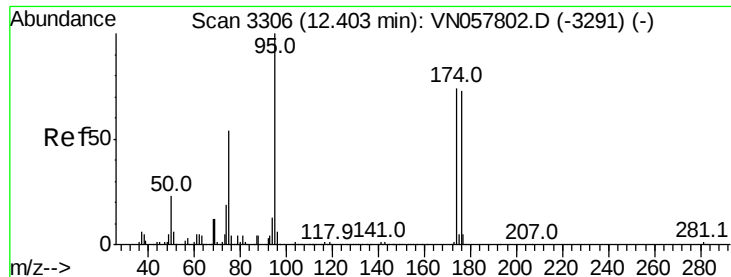
Tot Ion: 76 Resp: 6324
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.2#



#59
 2-Hexanone
 Concen: 21.559 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058062.D
 Acq: 14 Sep 2019 9:17

Tgt Ion: 43 Resp: 109301
 Ion Ratio Lower Upper
 43 100
 58 18.8 25.6 76.8#





#62

4-Bromofluorobenzene

Concen: 45.825 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampled :

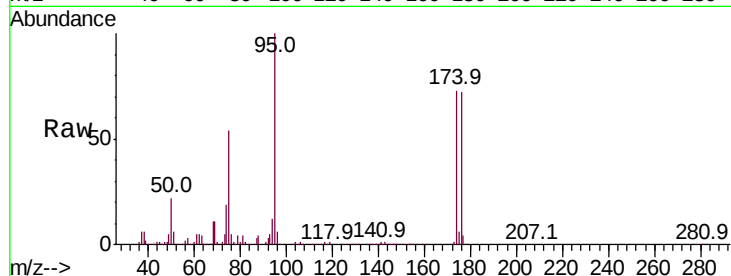
Tot Ion: 95 Resp: 354965

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.2

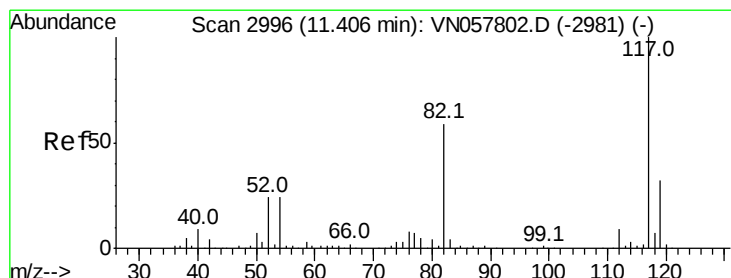
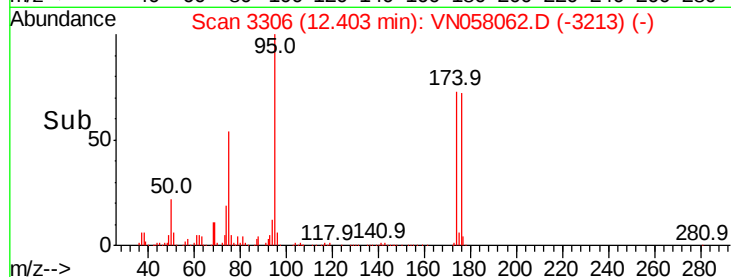
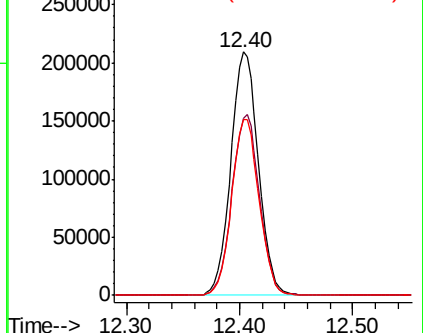
176 72.2 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

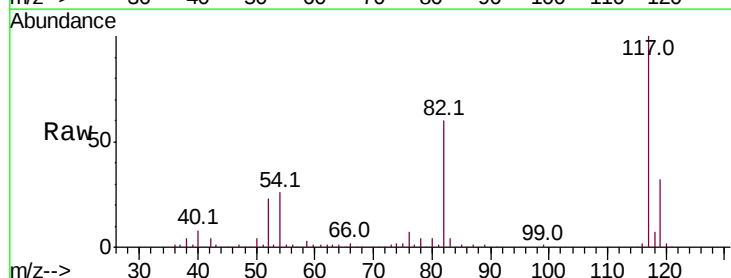
Tgt Ion: 117 Resp: 532650

Ion Ratio Lower Upper

117 100

82 59.9 47.2 70.8

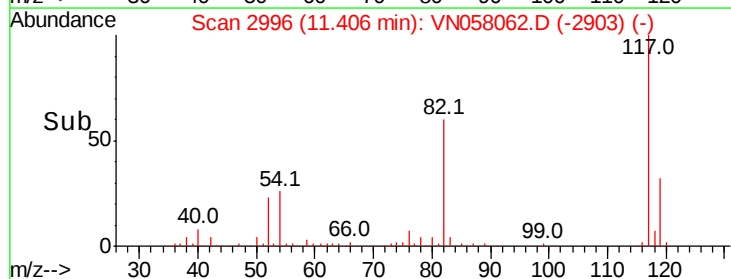
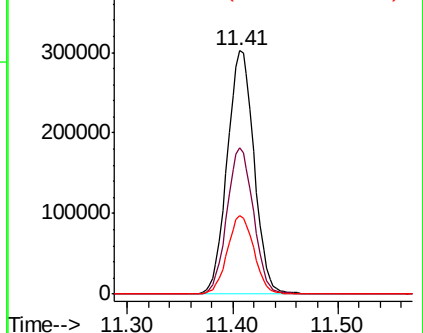
119 32.1 25.3 37.9

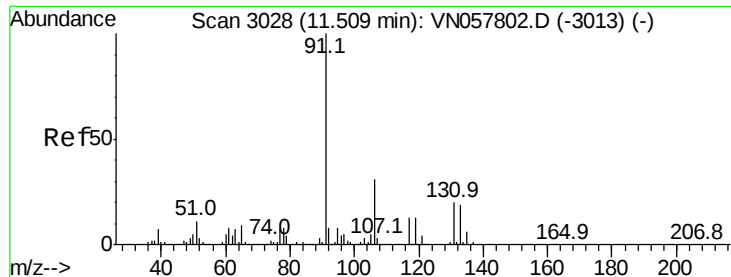


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V

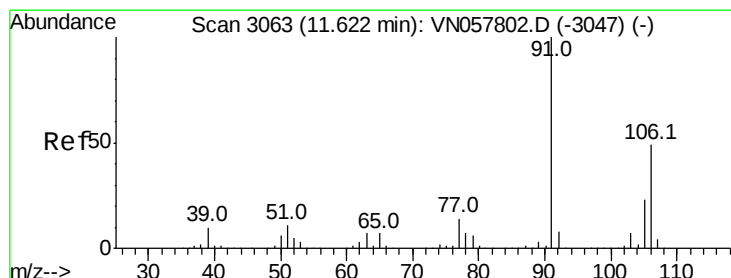
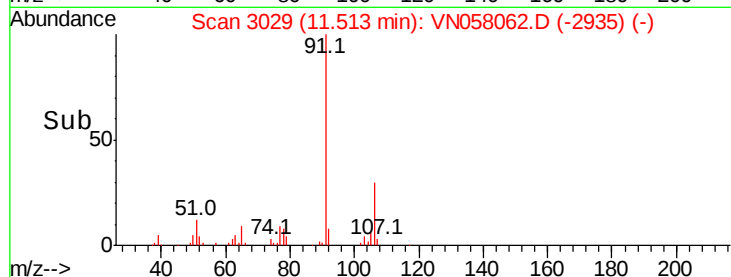
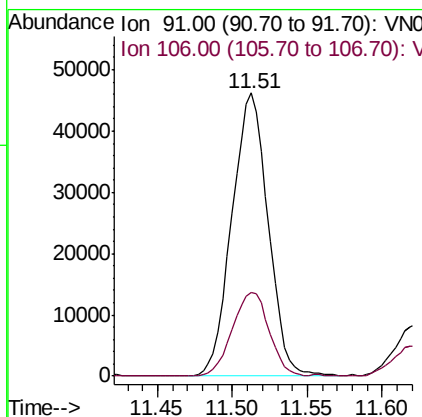
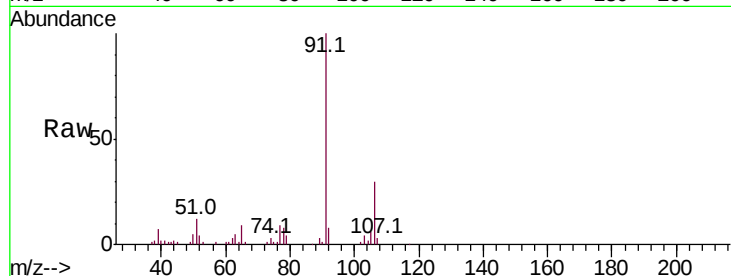




#67
Ethyl Benzene
Concen: 3.190 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

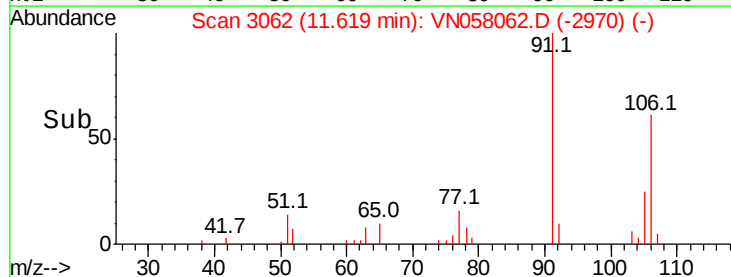
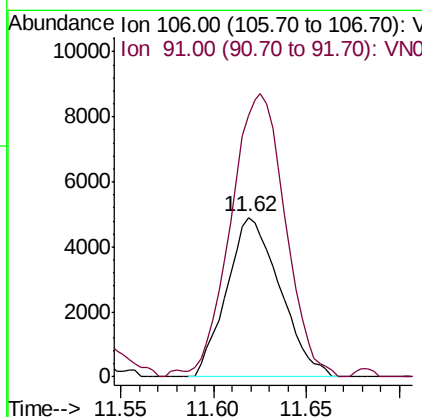
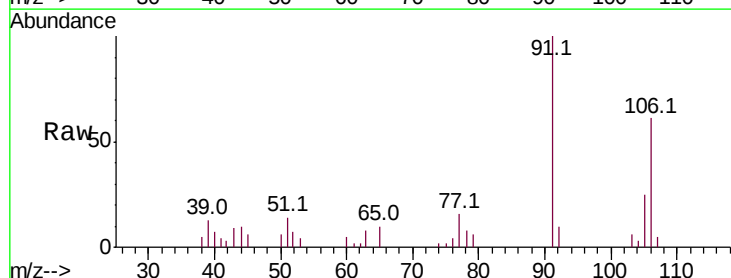
Instrument :
MSVOA_N
ClientSampled :

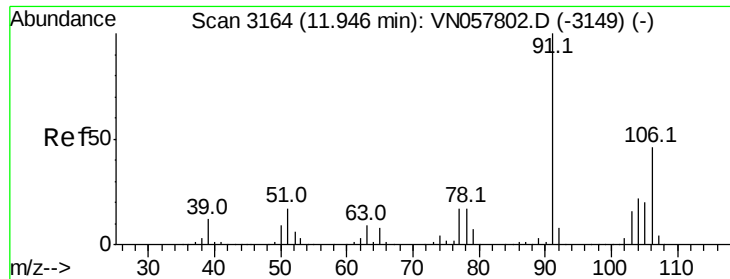
Tot Ion: 91 Resp: 77937
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#68
m/p-Xylenes
Concen: 1.093 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

Tgt Ion: 106 Resp: 9782
Ion Ratio Lower Upper
106 100
91 182.5 165.8 248.6

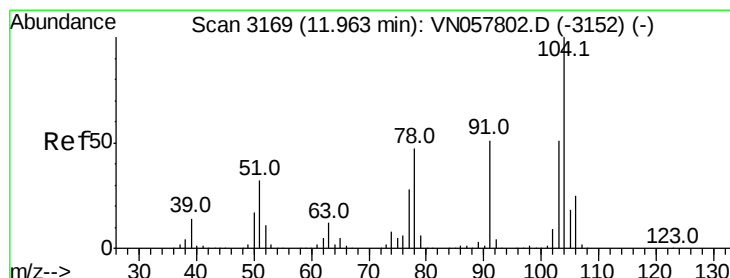
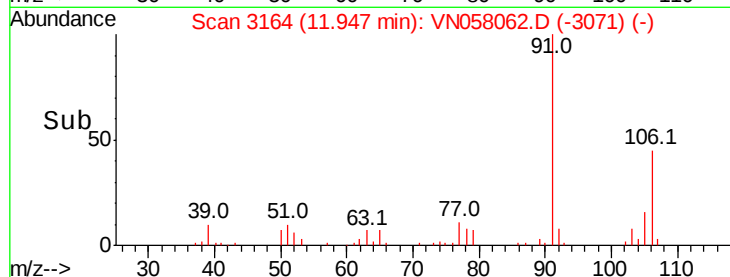
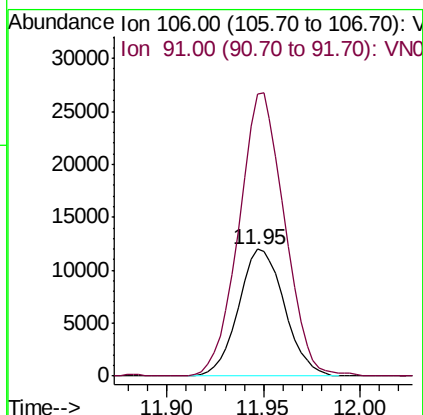
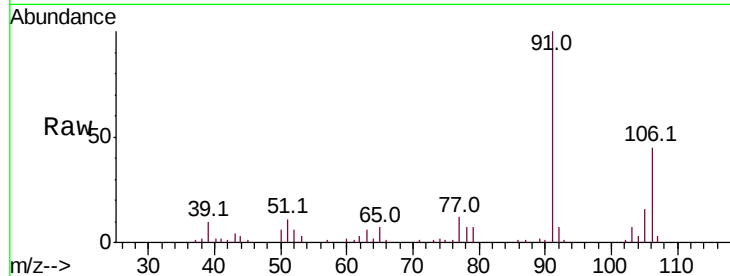




#69
o-Xylene
Concen: 2.227 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

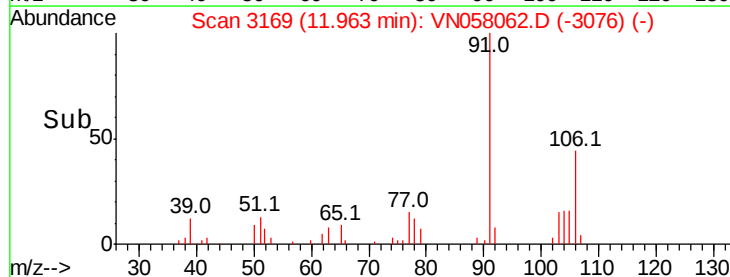
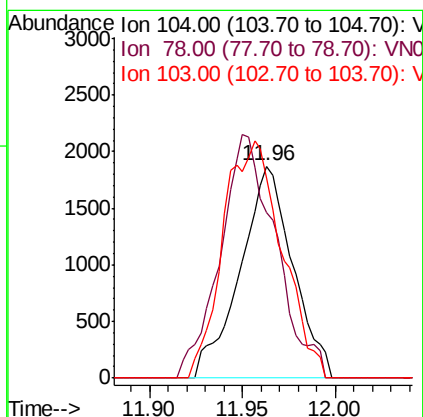
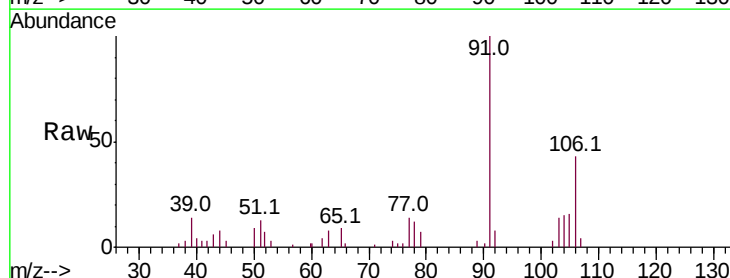
Instrument :
MSVOA_N
ClientSampled :

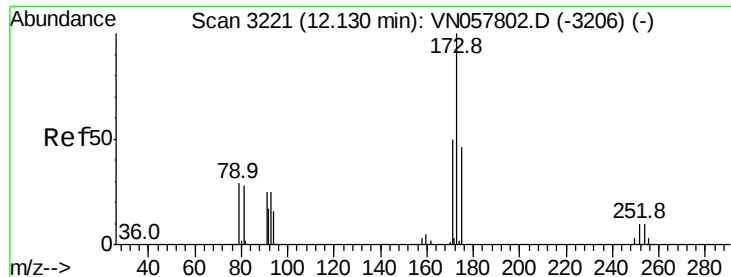
Tot Ion:106 Resp: 19808
Ion Ratio Lower Upper
106 100
91 221.7 108.7 326.1



#70
Styrene
Concen: 0.241 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

Tgt Ion:104 Resp: 3697
Ion Ratio Lower Upper
104 100
78 121.2 41.3 61.9#
103 124.7 43.7 65.5#





#71

Bromoform

Concen: 0.323 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

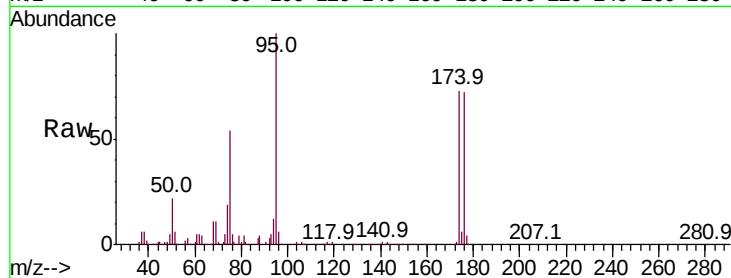
Tot Ion:173 Resp: 973

Ion Ratio Lower Upper

173 100

175 1829.1 23.5 70.6#

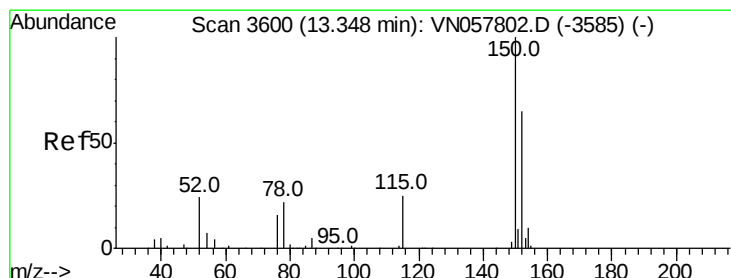
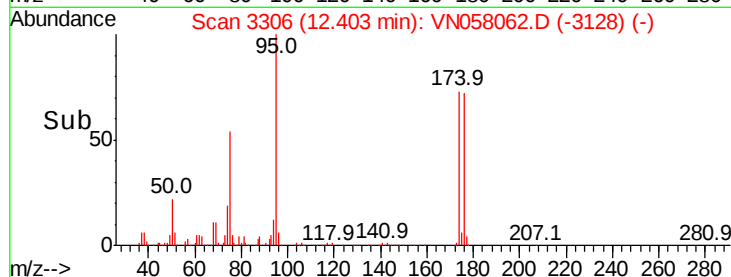
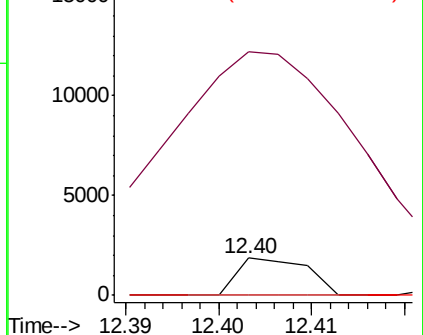
254 0.0 0.1 0.1#



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: VN058062.D

Acq: 14 Sep 2019 9:17

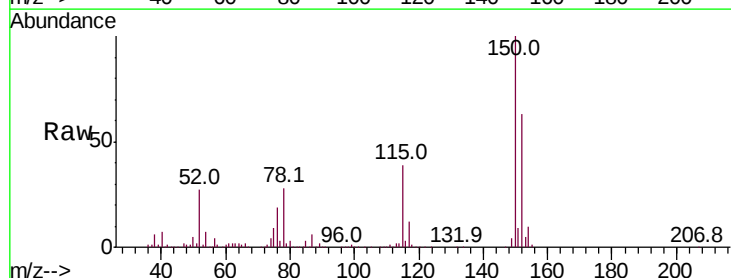
Tgt Ion:152 Resp: 288097

Ion Ratio Lower Upper

152 100

115 62.2 30.3 91.0

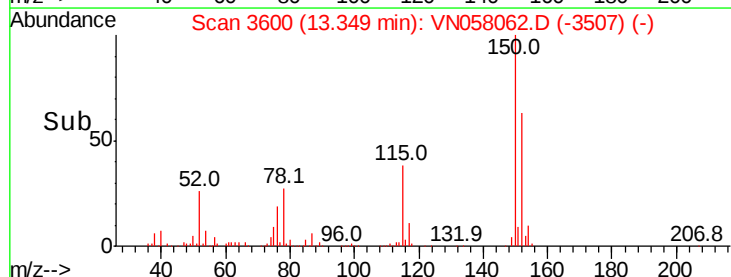
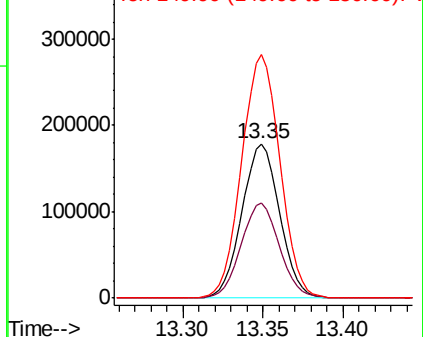
150 160.7 0.0 352.4

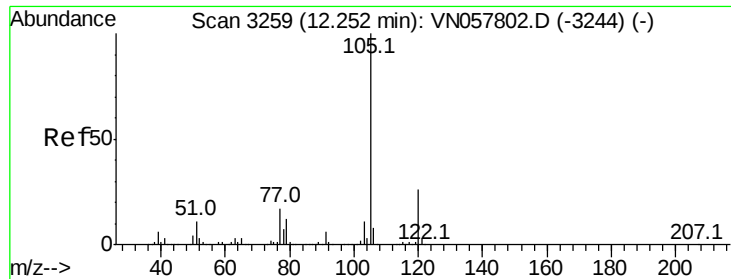


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.942 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

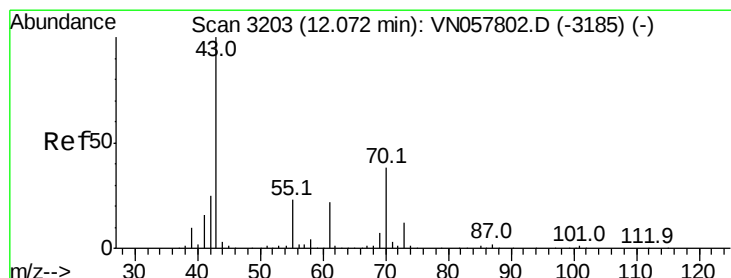
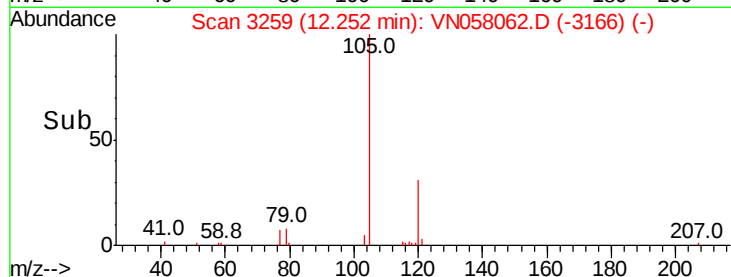
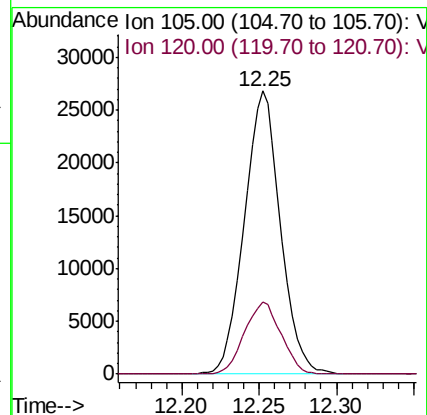
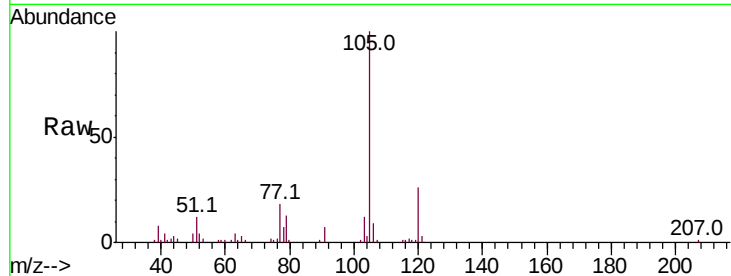
ClientSampleId :

Tot Ion:105 Resp: 43424

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 0.579 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Tgt Ion: 43 Resp: 5631

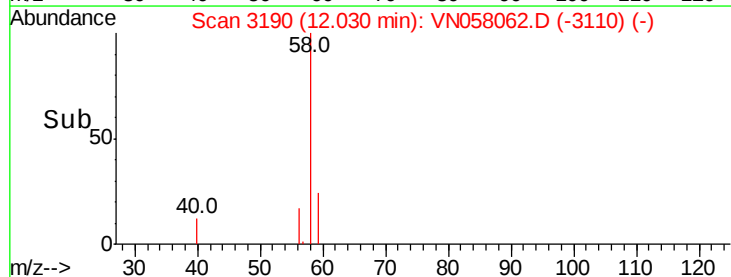
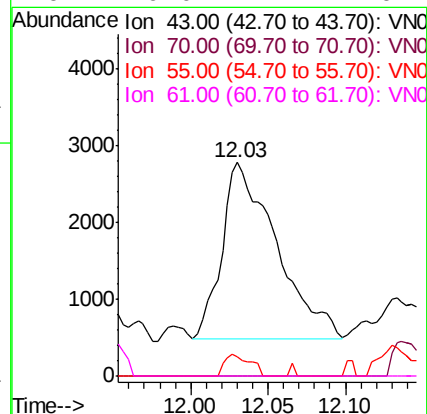
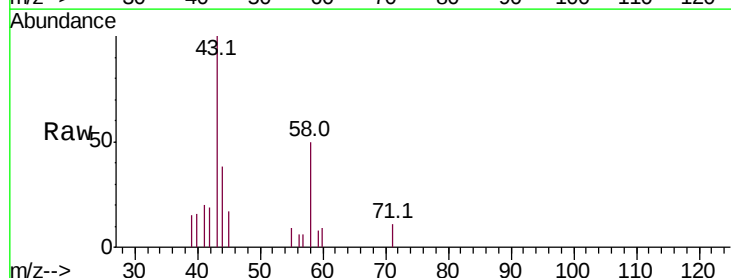
Ion Ratio Lower Upper

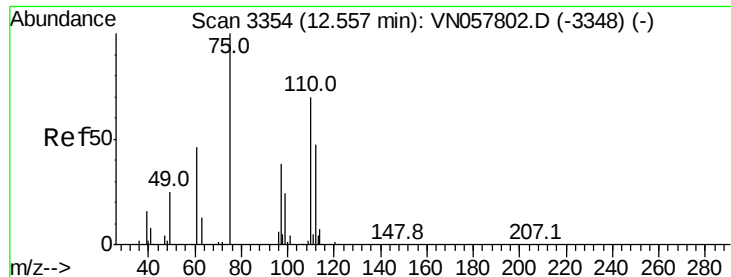
43 100

70 0.0 30.6 45.8#

55 5.7 18.6 27.8#

61 0.0 17.4 26.2#





#76

1,2,3-Trichloropropane

Concen: 29.629 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

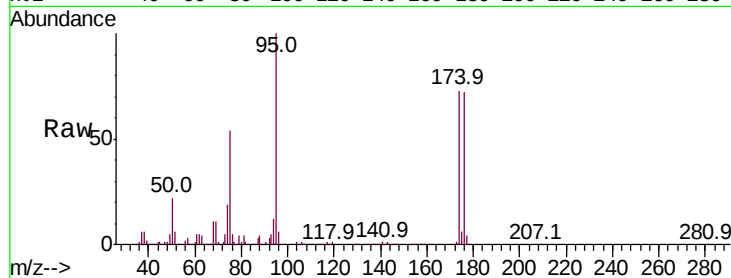
ClientSampleId :

Tot Ion: 75 Resp: 193098

Ion Ratio Lower Upper

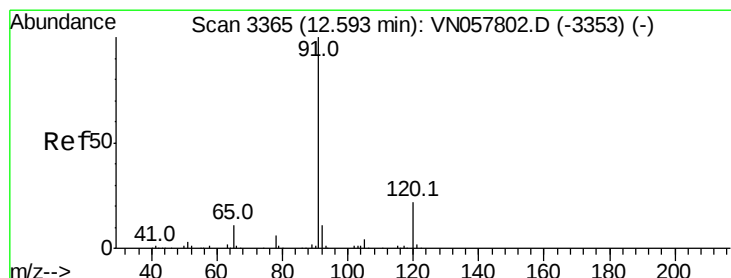
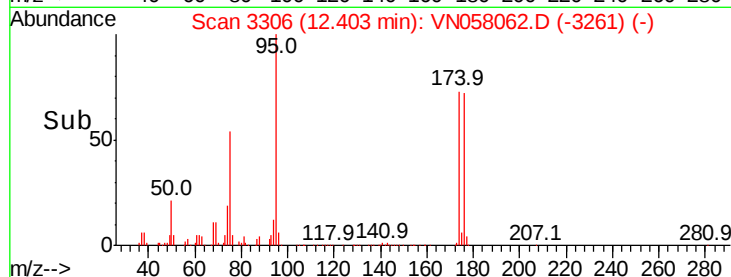
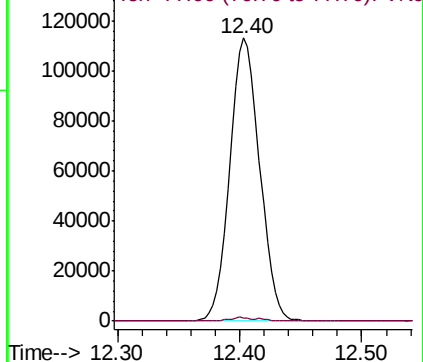
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.301 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058062.D

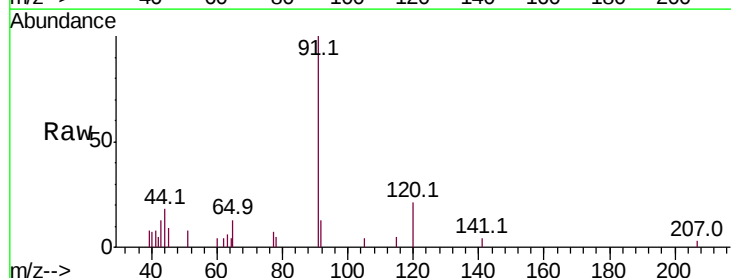
Acq: 14 Sep 2019 9:17

Tgt Ion: 91 Resp: 7717

Ion Ratio Lower Upper

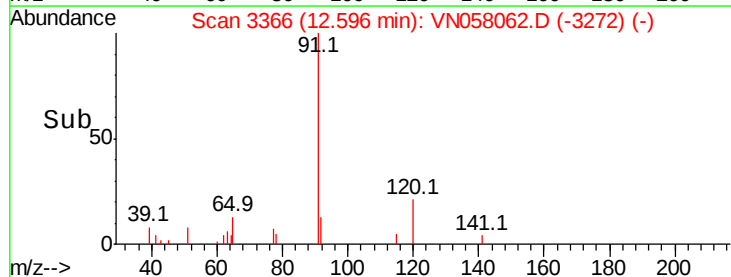
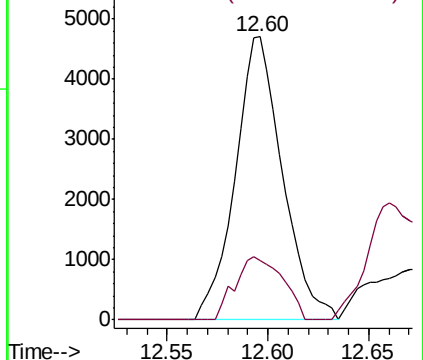
91 100

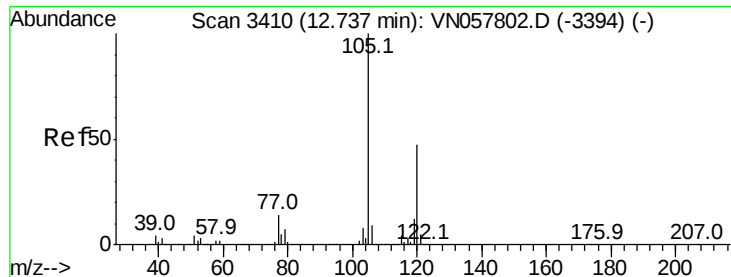
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.585 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

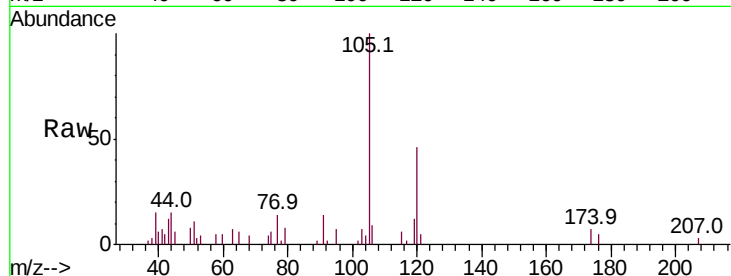
ClientSampled :

Tot Ion:105 Resp: 11047

Ion Ratio Lower Upper

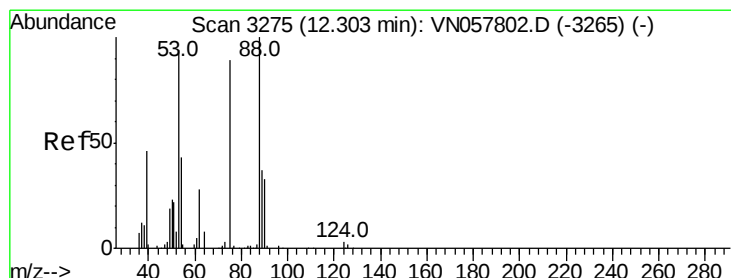
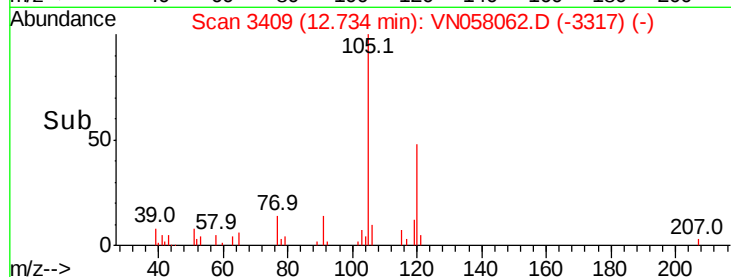
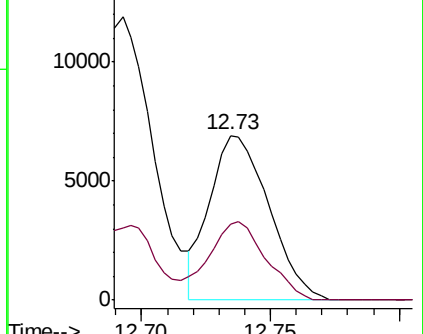
105 100

120 45.9 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: 104.264 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

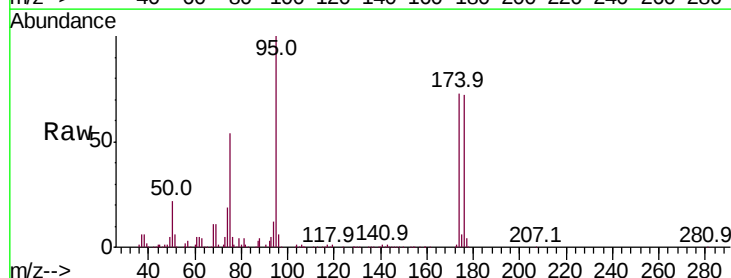
Tgt Ion: 75 Resp: 193098

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

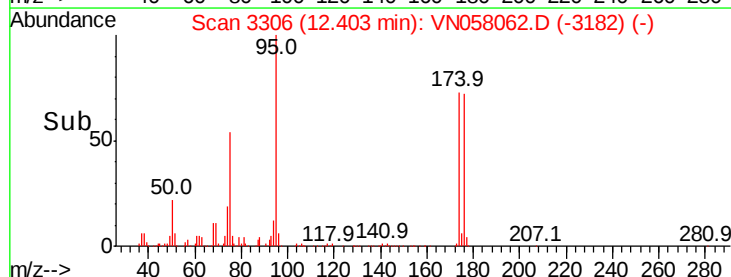
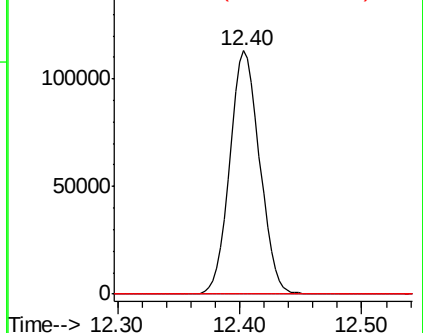
89 0.0 35.3 52.9#

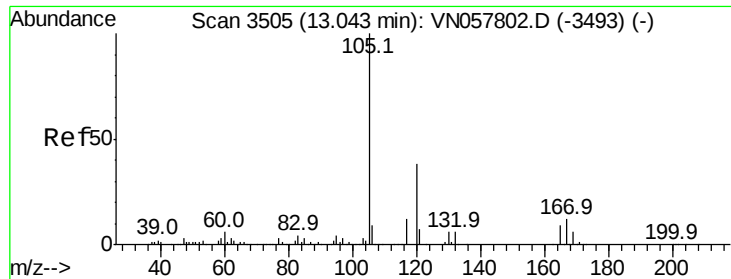


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 3.532 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

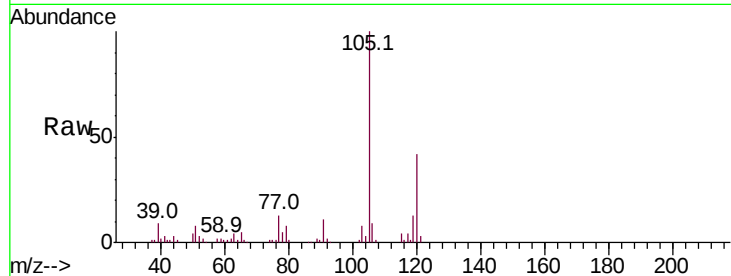
ClientSampled :

Tot Ion:105 Resp: 67801

Ion Ratio Lower Upper

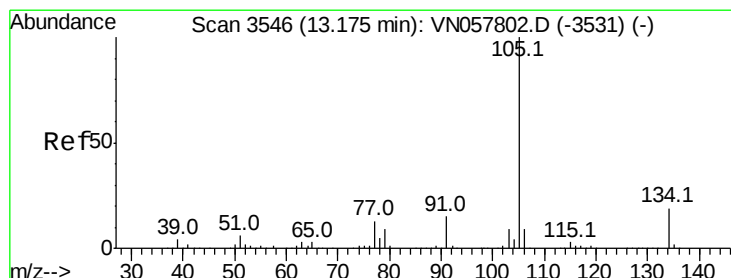
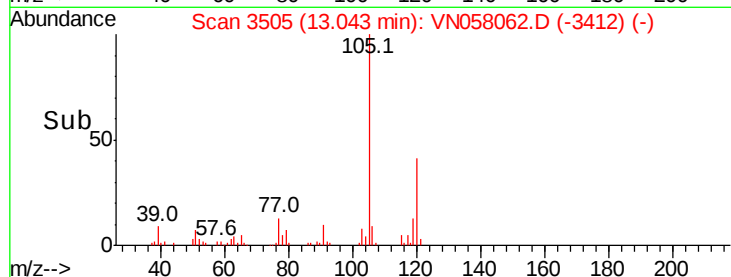
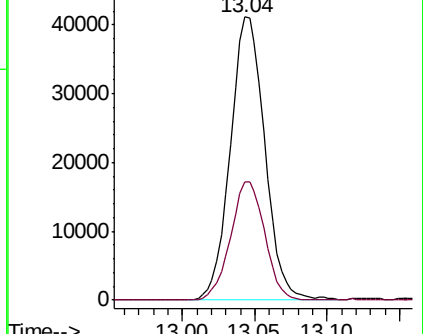
105 100

120 41.3 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 3.047 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.13 min

Lab File: VN058062.D

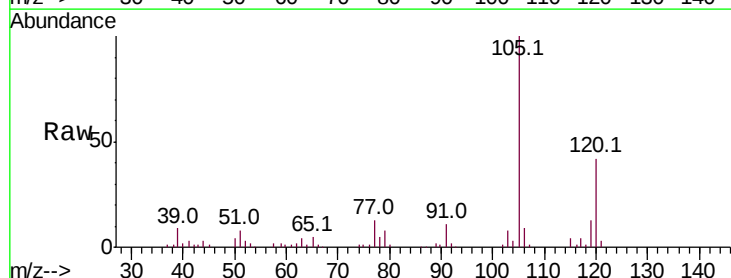
Acq: 14 Sep 2019 9:17

Tgt Ion:105 Resp: 67801

Ion Ratio Lower Upper

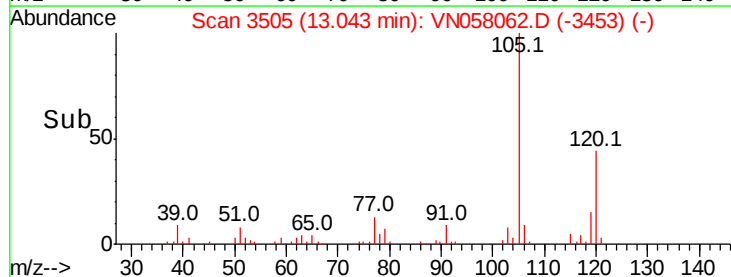
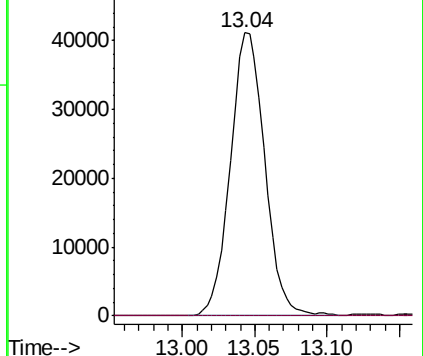
105 100

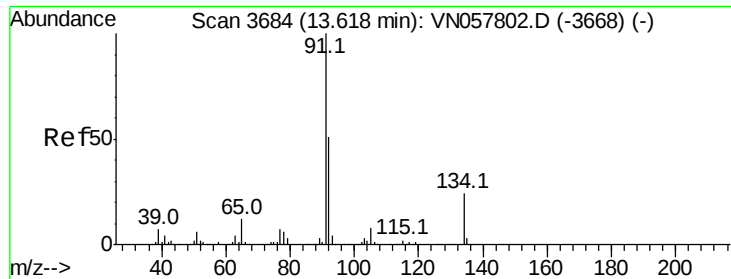
134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 5.478 ug/l

RT: 13.55 min Scan# 3662

Delta R.T. -0.07 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

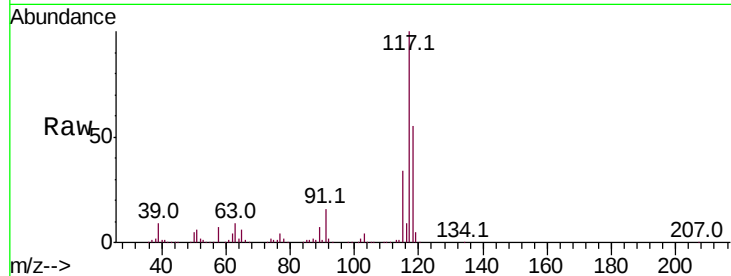
Tot Ion: 91 Resp: 101432

Ion Ratio Lower Upper

91 100

92 10.0 25.7 77.0#

134 0.0 11.9 35.7#

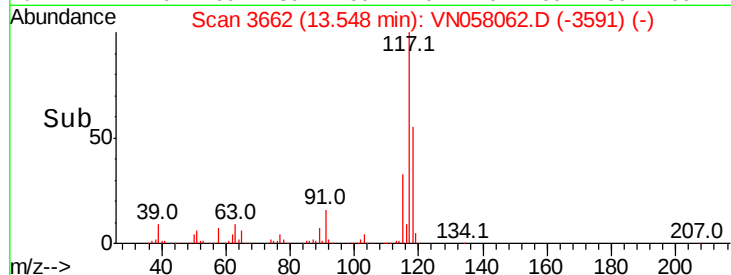


Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)

Time-->

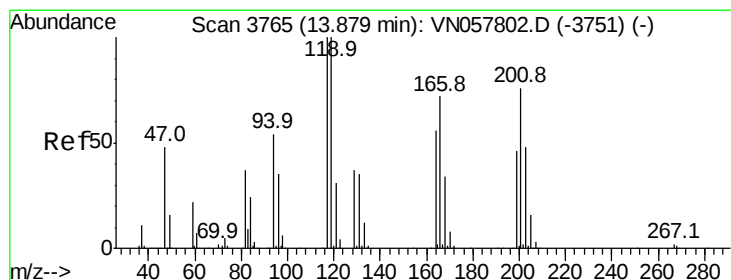


Abundance Ion 91.00 (90.70 to 91.70): VN058062.D (-3591) (-)

Ion 92.00 (91.70 to 92.70): VN058062.D (-3591) (-)

Ion 134.00 (133.70 to 134.70): VN058062.D (-3591) (-)

Time-->



#90

Hexachloroethane

Concen: 0.745 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN058062.D

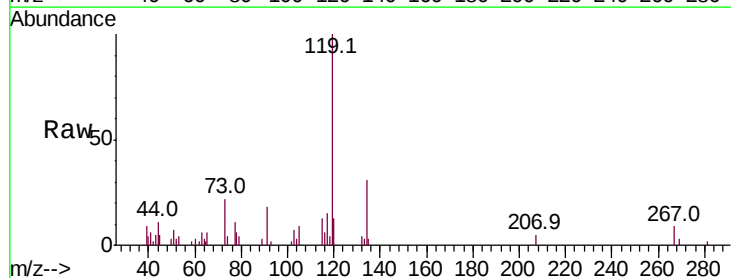
Acq: 14 Sep 2019 9:17

Tgt Ion: 117 Resp: 2173

Ion Ratio Lower Upper

117 100

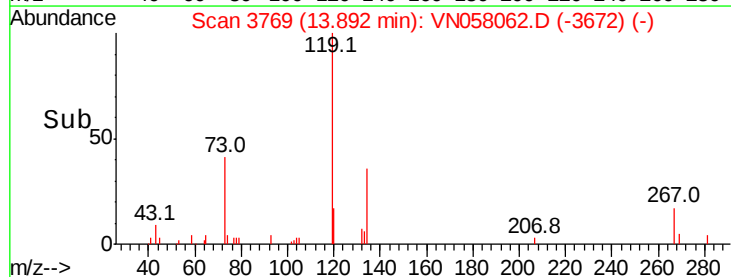
201 0.0 37.5 112.7#



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

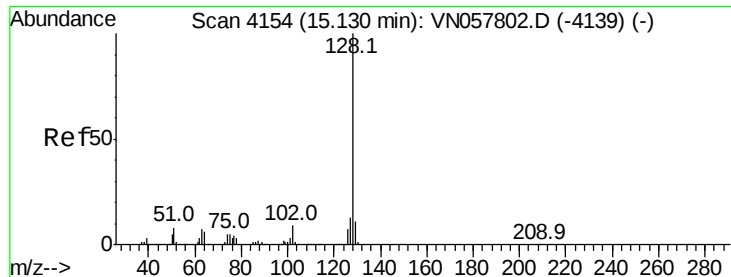
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN058062.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN058062.D (-3672) (-)

Time-->



#95

Naphthalene

Concen: 31.175 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

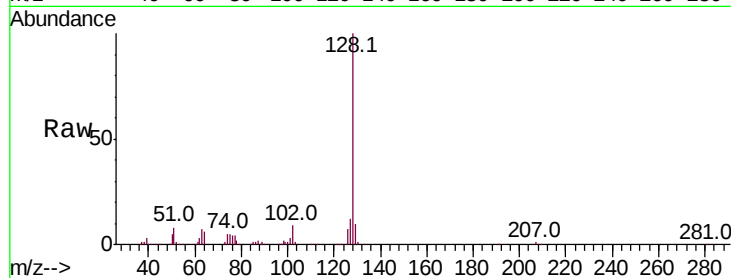
Tot Ion:128 Resp: 535748

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

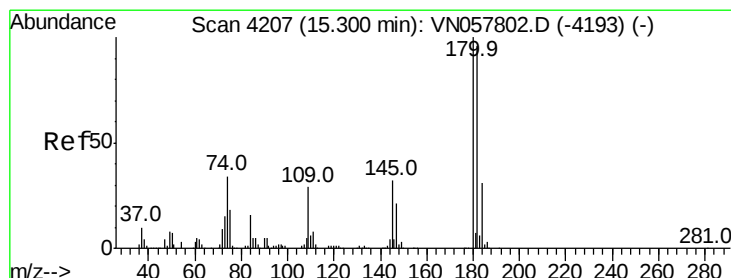
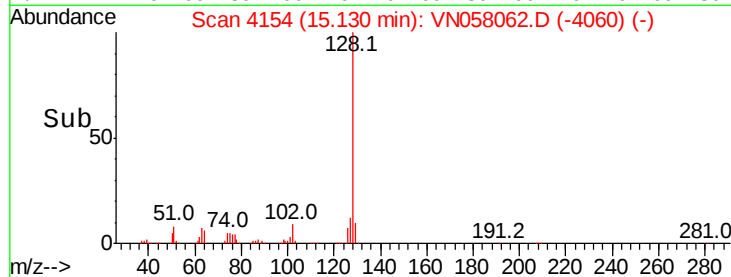
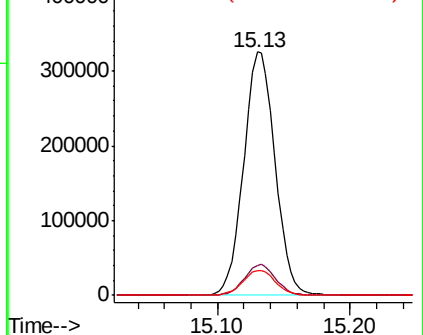
129 10.6 8.6 12.8



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: 1.043 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

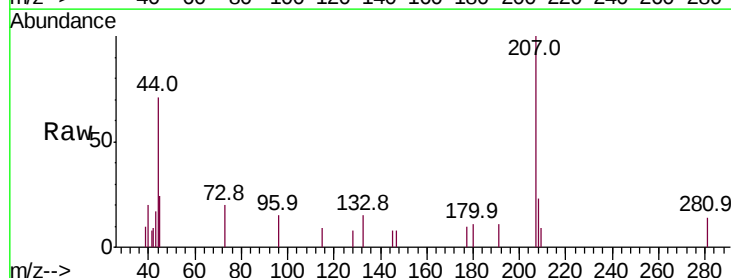
Tgt Ion:180 Resp: 265

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.8#

145 67.5 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

